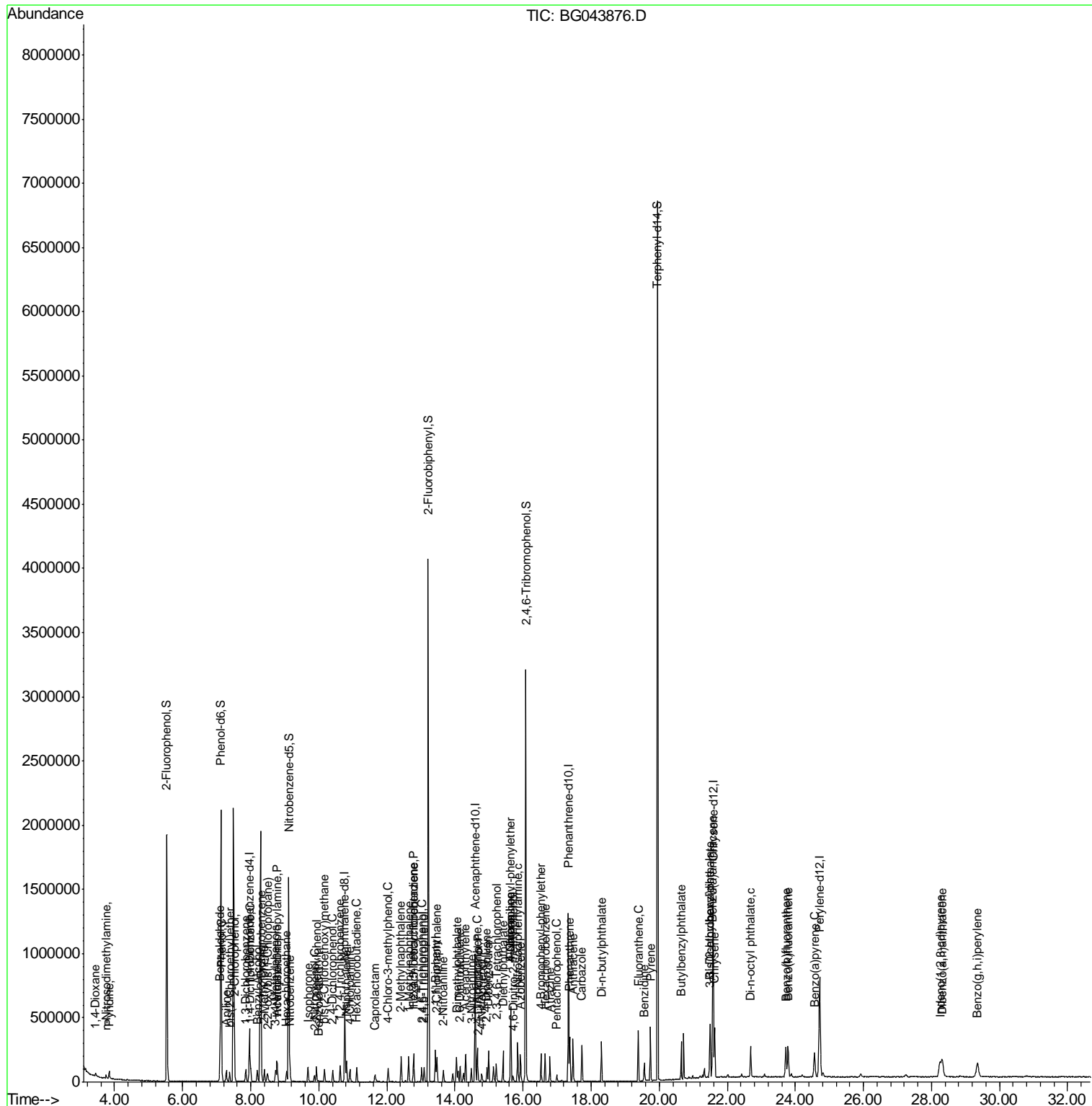


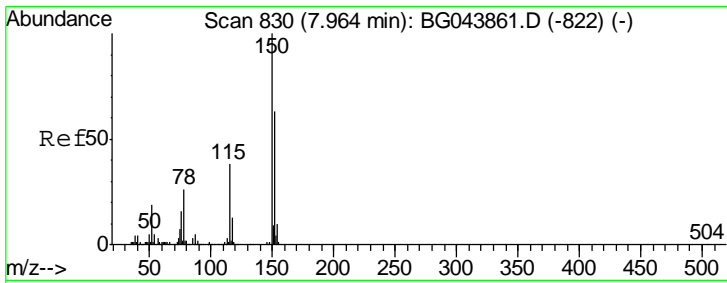
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043876.D
 Acq On : 2 Jan 2020 15:39
 Operator : JU
 Sample : K5111-07
 Misc : LOD-MDL WATER 5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
Client Sampled :
 LOD-MDL-WATER-01-QT4-2019

Manual Integrations
APPROVED
 mohammad
 1/3/2020 11:05:13 AM

Quant Time: Jan 02 16:36:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 16:18:03 2020
 Response via : Initial Calibration





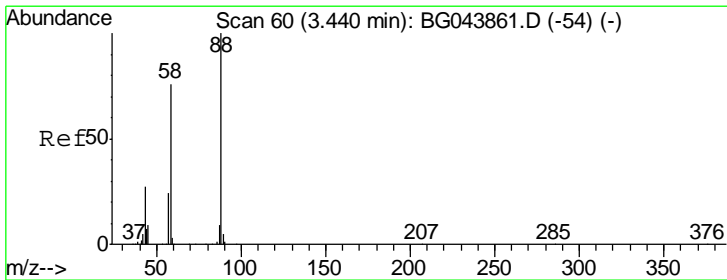
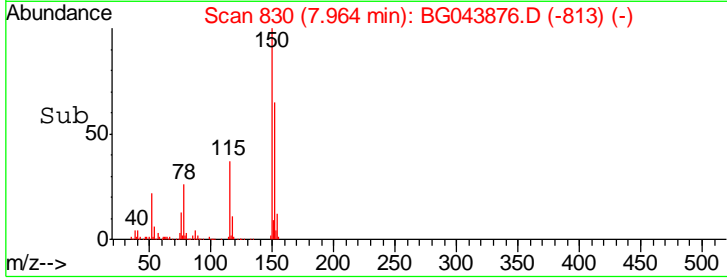
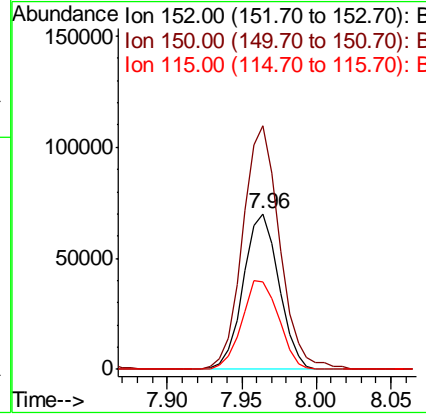
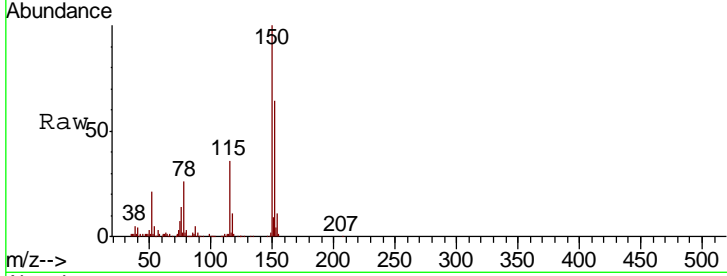
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
152	115672		
152	100		
150	156.6	127.0	190.4
115	56.6	47.8	71.8

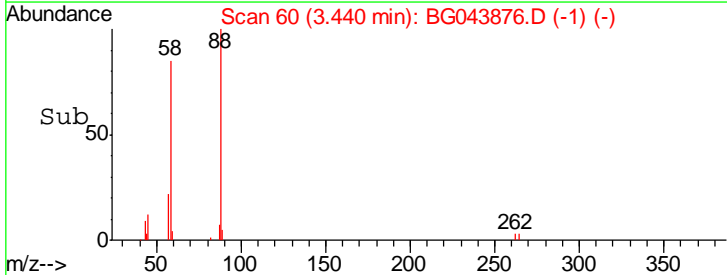
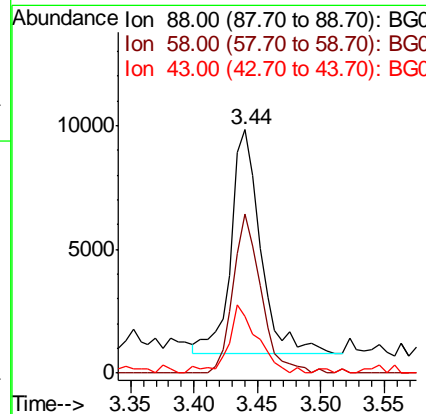
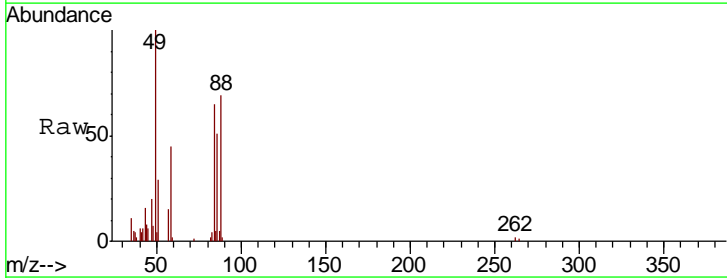
Manual Integrations
 APPROVED

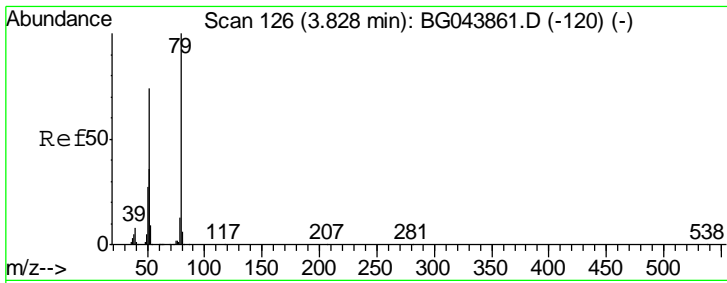
mohammad
 1/3/2020 11:05:13 AM



#2
 1,4-Dioxane
 Concen: 5.318 ng
 RT: 3.44 min Scan# 60
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
88	14607		
88	100		
58	67.0	59.8	89.8
43	30.2	22.9	34.3





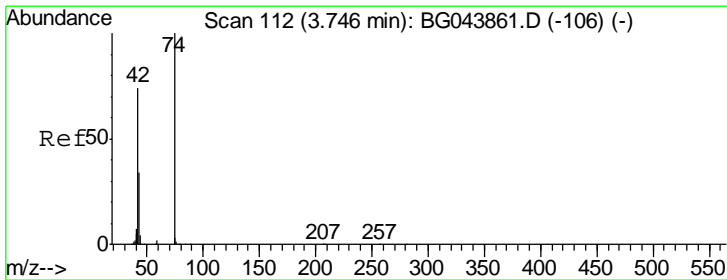
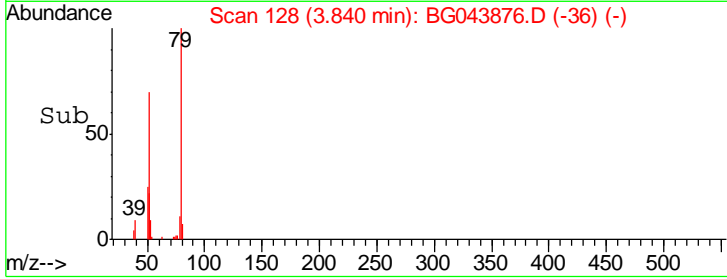
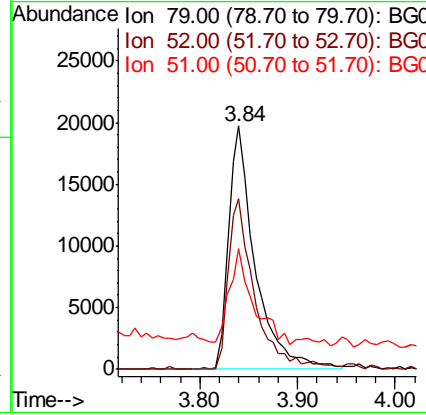
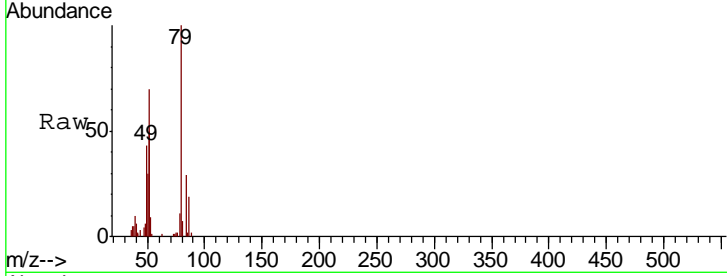
#3
 Pyridine
 Concen: 4.578 ng
 RT: 3.84 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
79	37151		
52	70.3	58.9	88.3
51	49.7	28.6	43.0#

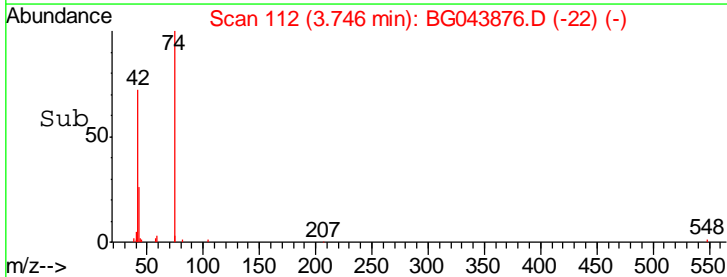
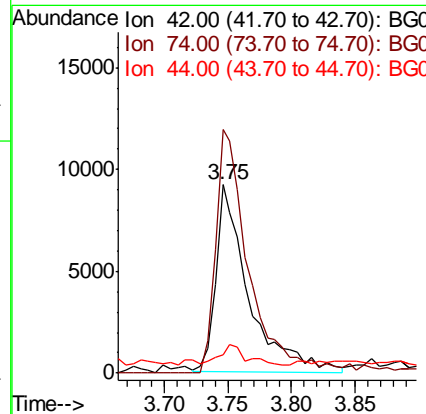
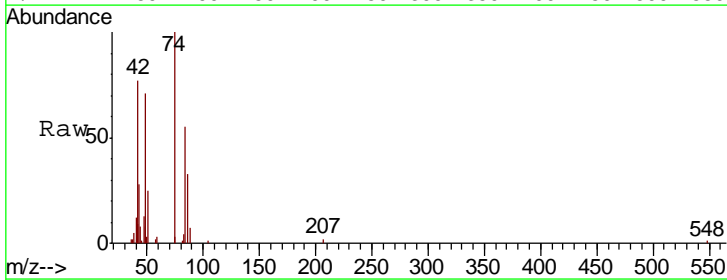
Manual Integrations
APPROVED

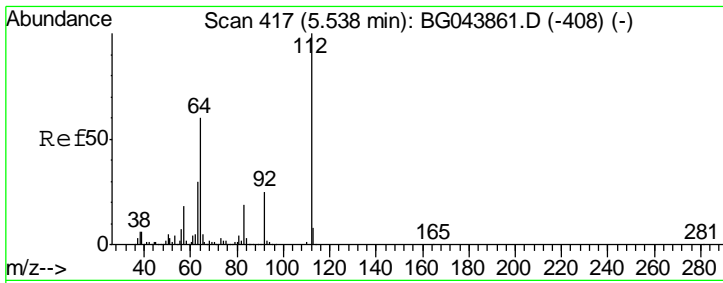
mohammad
 1/3/2020 11:05:13 AM



#4
 n-Nitrosodimethylamine
 Concen: 4.576 ng
 RT: 3.75 min Scan# 112
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
42	16533		
74	129.2	108.6	162.8
44	9.9	5.0	7.6#





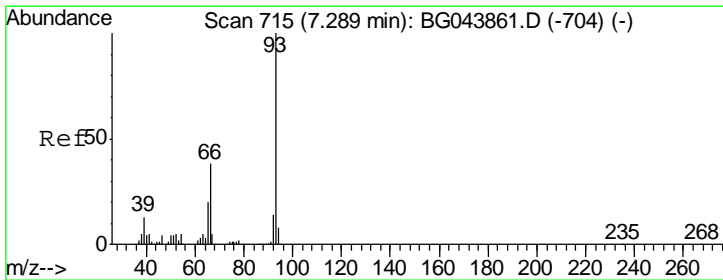
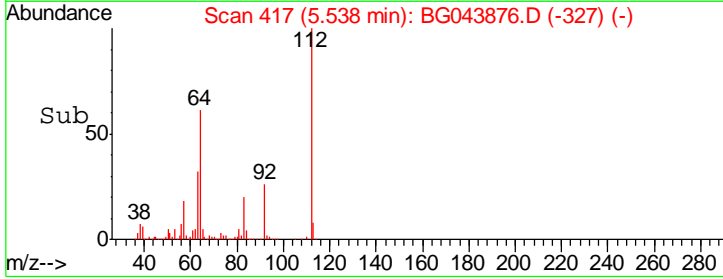
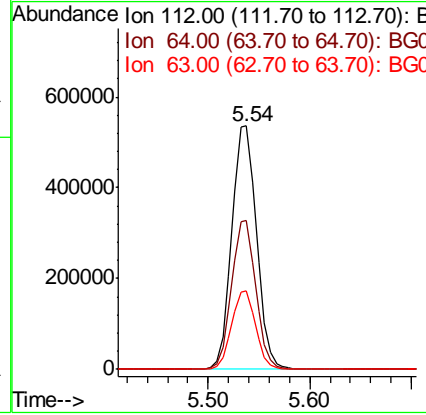
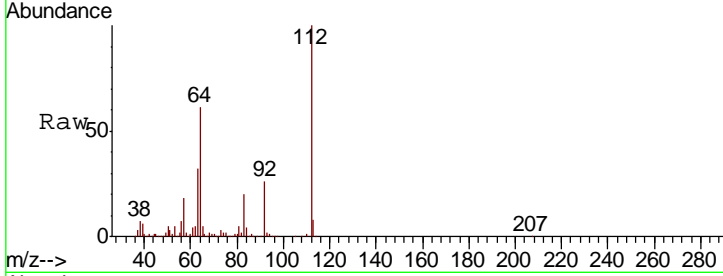
#5
 2-Fluorophenol
 Concen: 144.455 ng
 RT: 5.54 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
112	100		
64	61.2	47.8	71.6
63	32.1	24.3	36.5

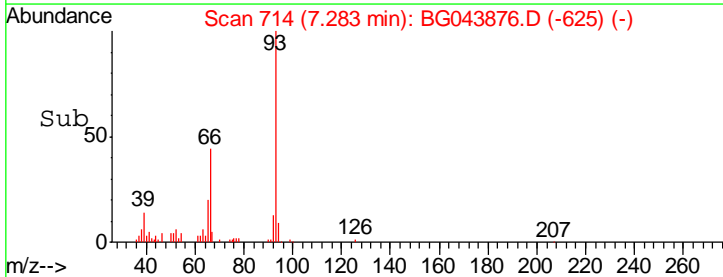
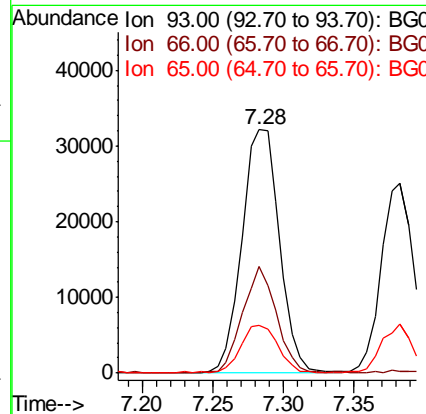
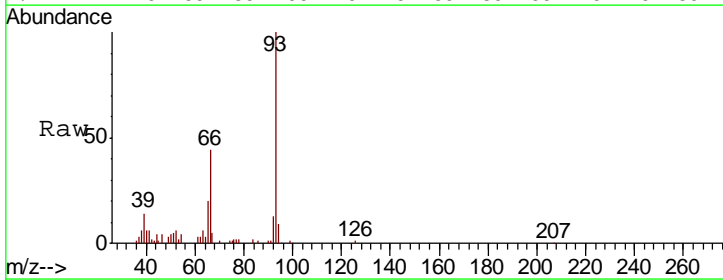
Manual Integrations
APPROVED

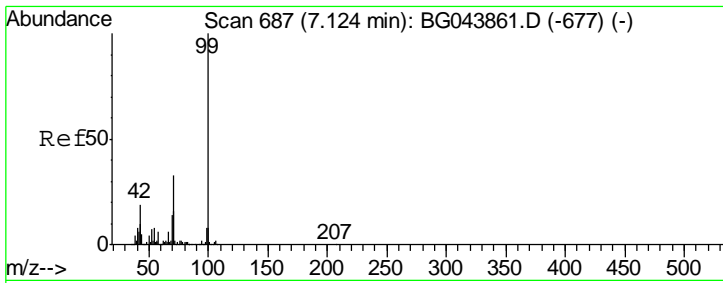
mohammad
 1/3/2020 11:05:13 AM



#6
 Aniline
 Concen: 5.186 ng
 RT: 7.28 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
93	100		
66	43.8	30.8	46.2
65	19.9	16.0	24.0





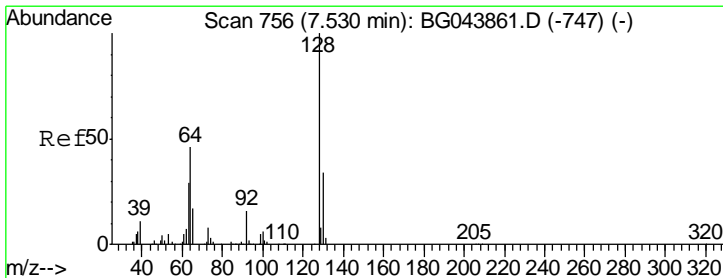
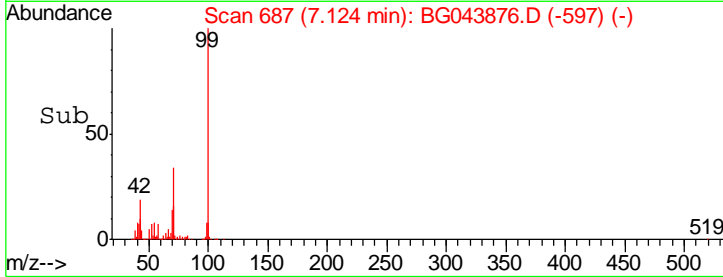
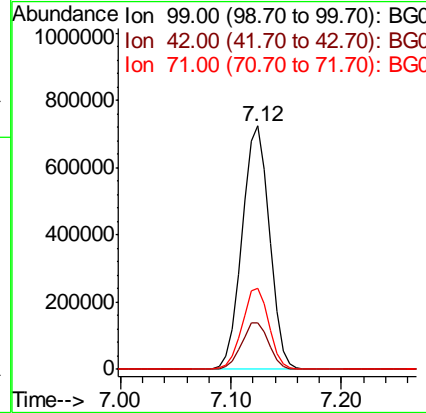
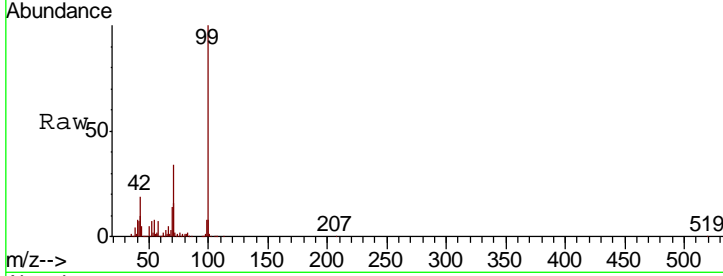
#7
 Phenol-d6
 Concen: 143.574 ng
 RT: 7.12 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
99	1264310		
42	19.2	14.9	22.3
71	33.5	26.4	39.6

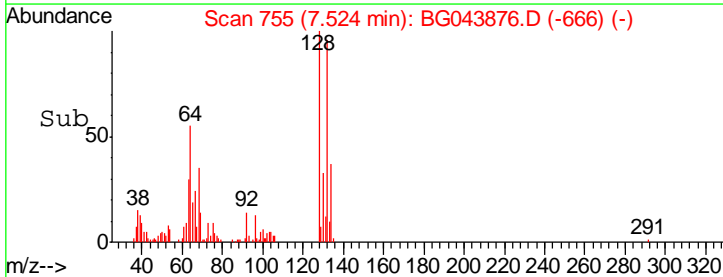
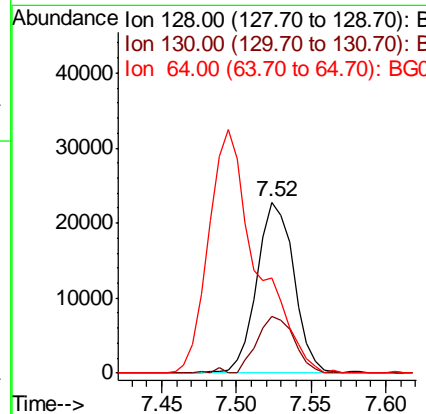
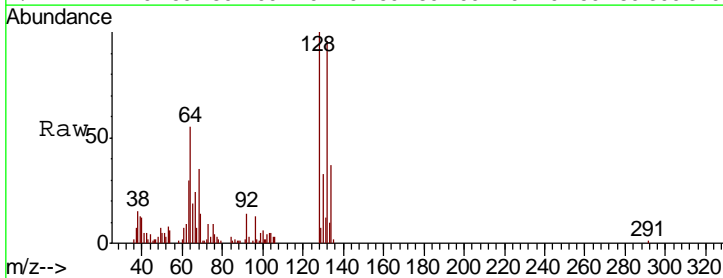
Manual Integrations
 APPROVED

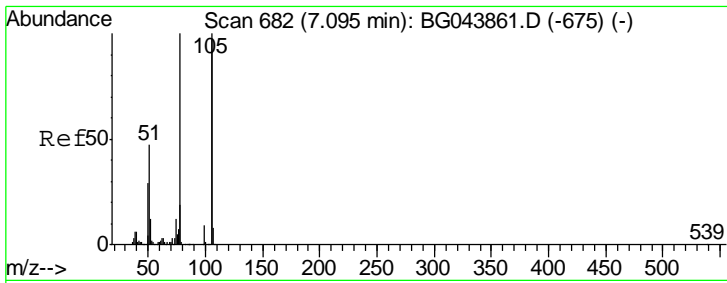
mohammad
 1/3/2020 11:05:13 AM



#8
 2-Chlorophenol
 Concen: 5.295 ng
 RT: 7.52 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
128	39158		
130	33.0	13.8	53.8
64	55.3	27.6	67.6





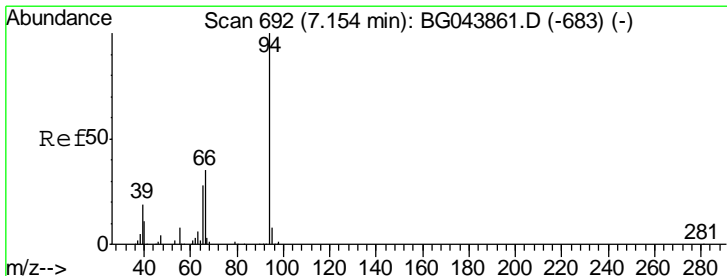
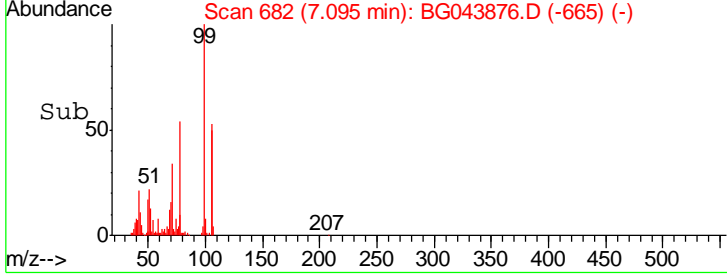
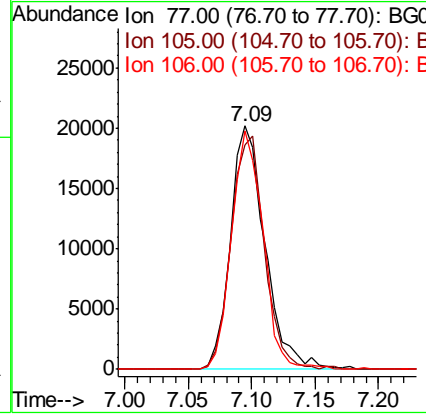
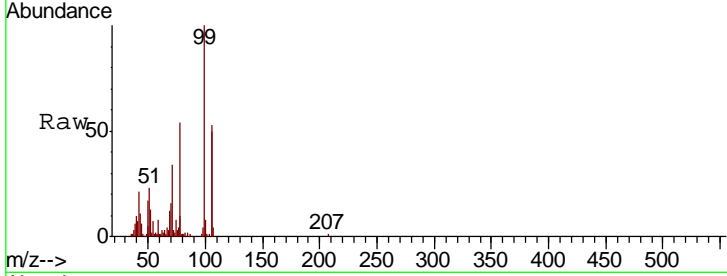
#9
Benzaldehyde
Concen: 6.713 ng
RT: 7.09 min Scan# 682
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Instrument :
BNA_G
ClientSampled :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
77	37837		
77	100		
105	92.3	80.2	120.2
106	98.0	77.2	117.2

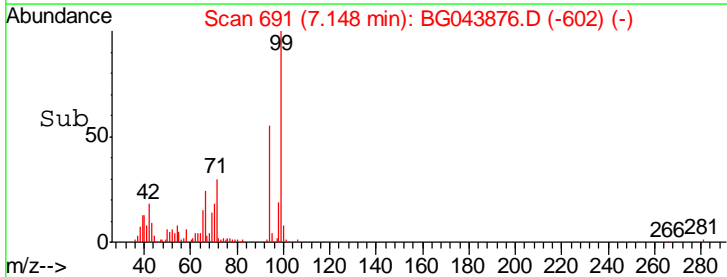
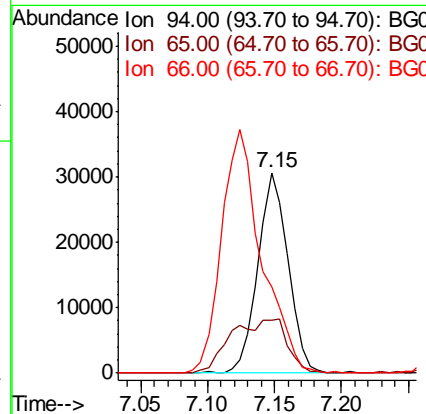
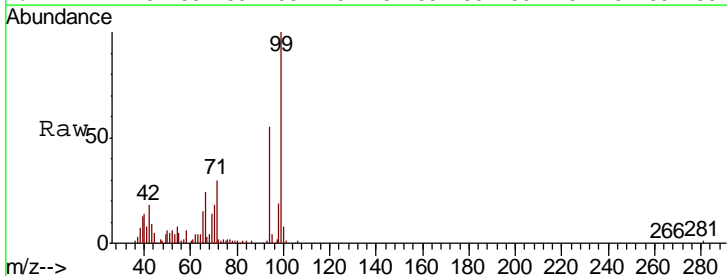
Manual Integrations
APPROVED

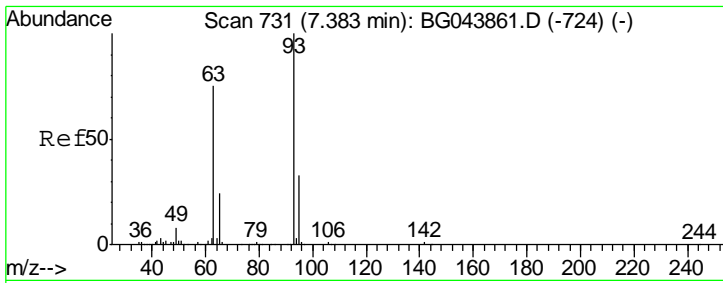
mohammad
1/3/2020 11:05:13 AM



#10
Phenol
Concen: 5.253 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
94	47657		
94	100		
65	26.5	8.1	48.1
66	43.0	15.6	55.6



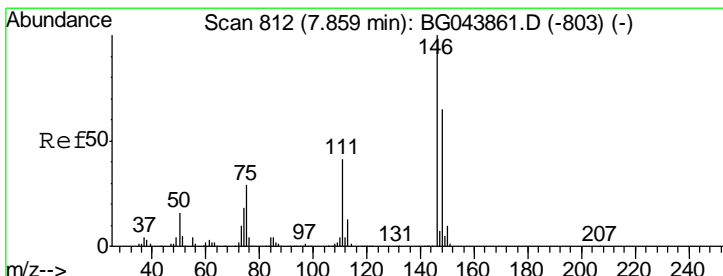
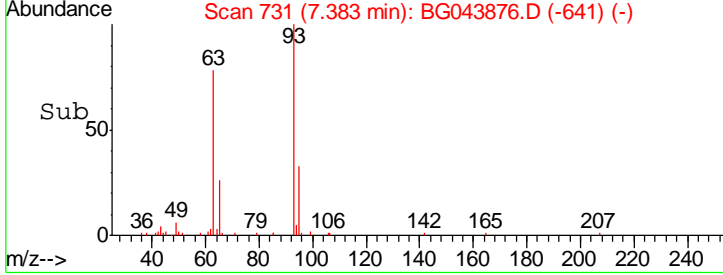
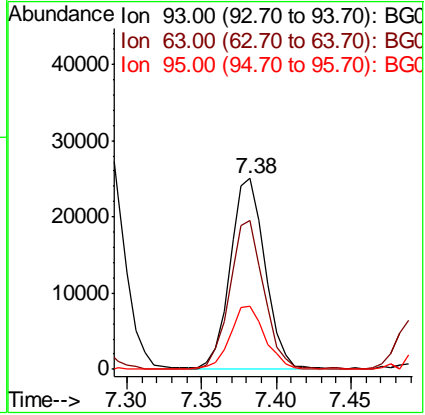
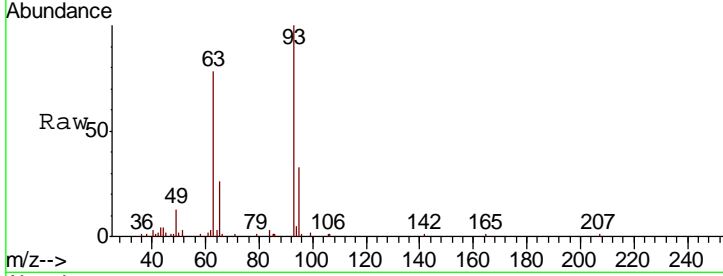


#11
 bis(2-Chloroethyl)ether
 Concen: 5.227 ng
 RT: 7.38 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

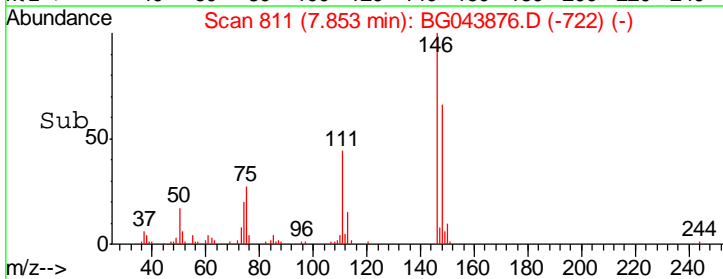
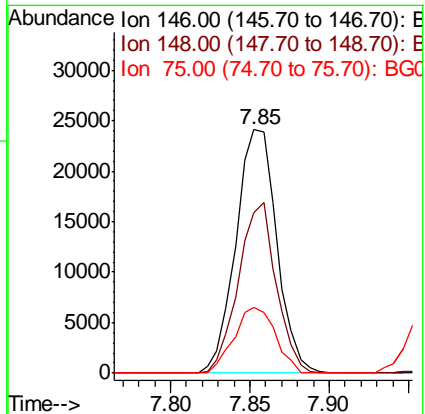
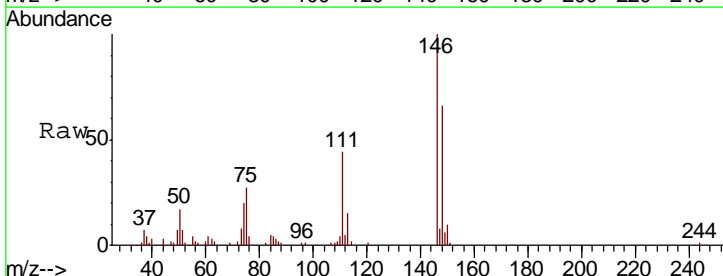
Tgt Ion	Resp	Lower	Upper
93	40940		
93	100		
63	78.0	55.0	95.0
95	33.4	13.3	53.3

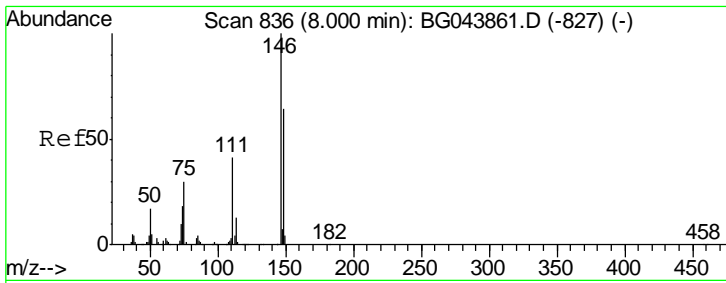
Manual Integrations
APPROVED
 mohammad
 1/3/2020 11:05:13 AM



#12
 1,3-Dichlorobenzene
 Concen: 4.982 ng
 RT: 7.85 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
146	43115		
146	100		
148	65.8	52.1	78.1
75	26.9	23.0	34.4





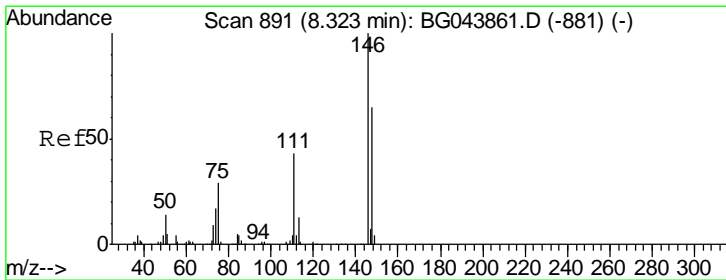
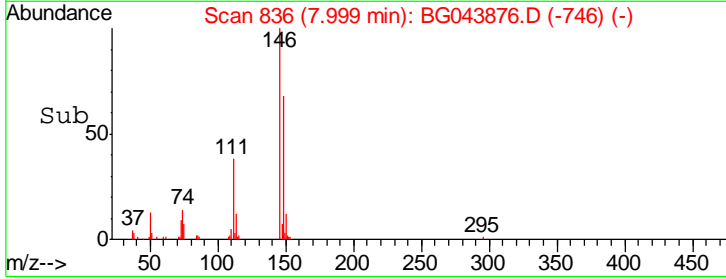
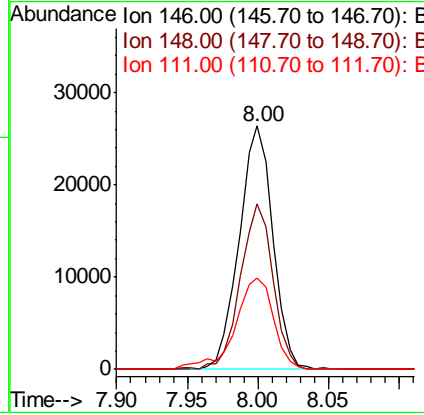
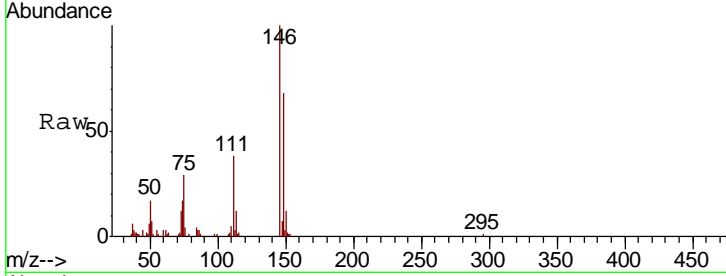
#13
 1,4-Dichlorobenzene
 Concen: 5.148 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
146	43958		
148	68.2	51.2	76.8
111	37.7	33.1	49.7

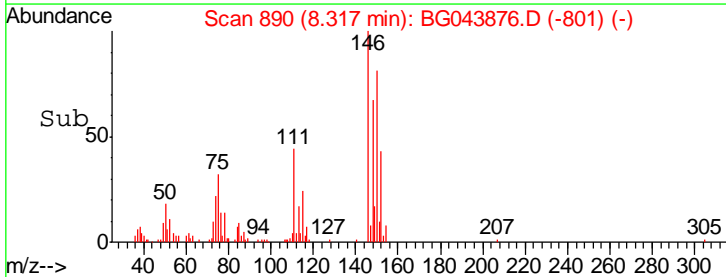
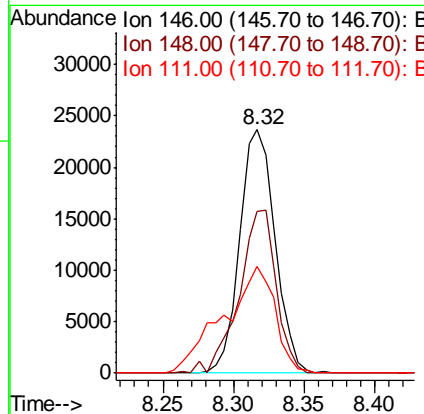
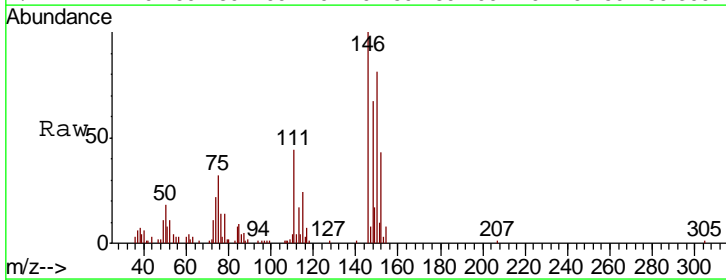
Manual Integrations
APPROVED

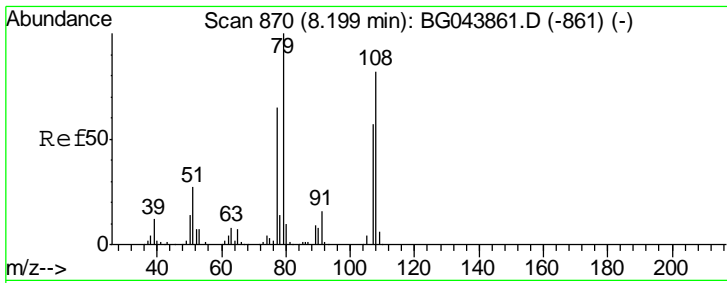
mohammad
 1/3/2020 11:05:13 AM



#14
 1,2-Dichlorobenzene
 Concen: 5.053 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
146	41416		
148	66.6	51.7	77.5
111	44.0	34.4	51.6





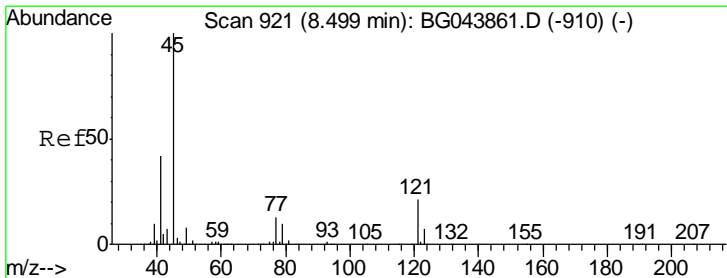
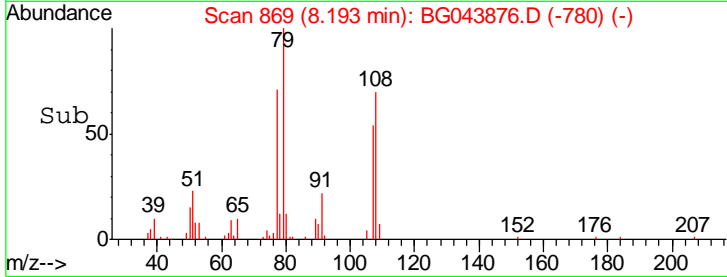
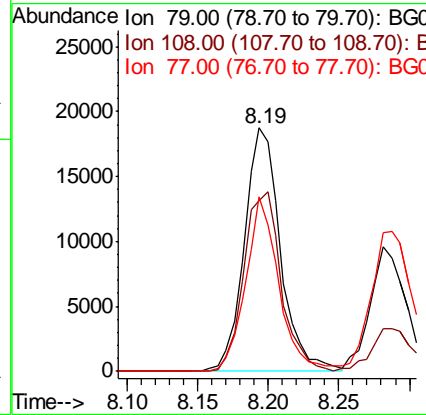
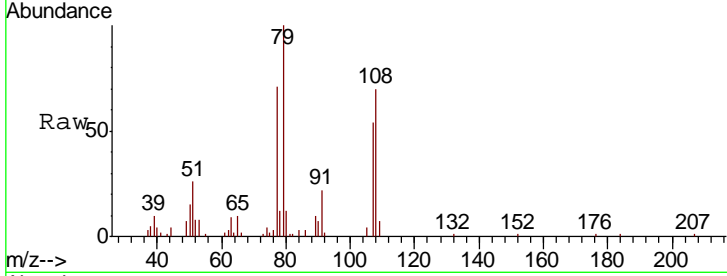
#15
 Benzyl Alcohol
 Concen: 4.835 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleID :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
79	100		
108	70.1	65.6	98.4
77	71.5	52.0	78.0

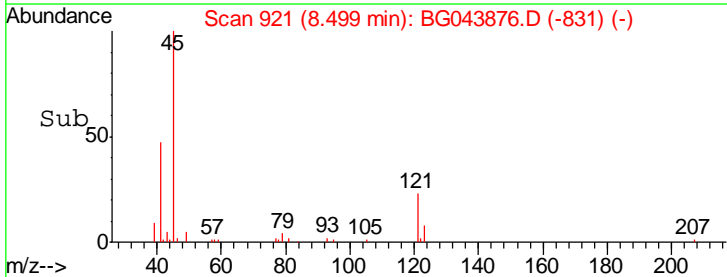
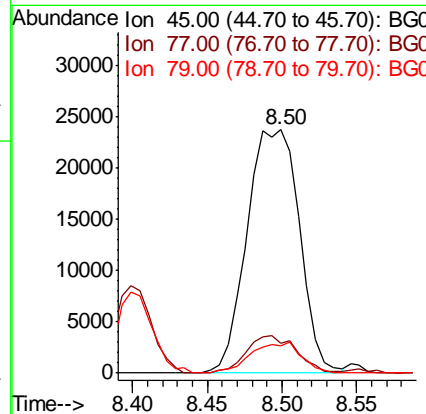
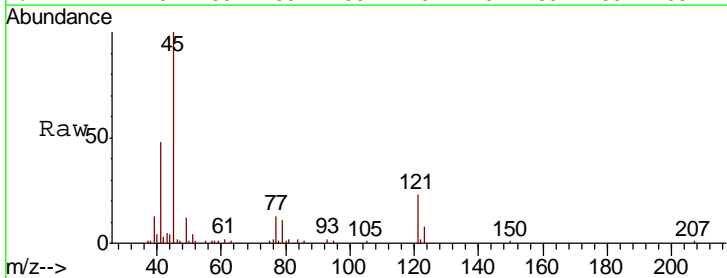
Manual Integrations
 APPROVED

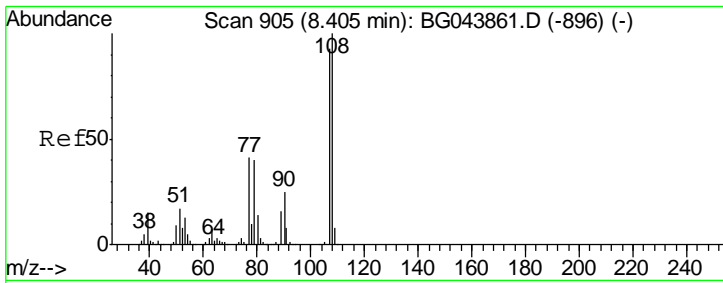
mohammad
 1/3/2020 11:05:13 AM



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 4.766 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

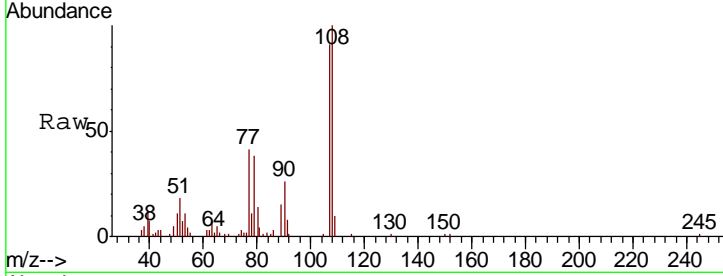
Tgt Ion	Resp	Lower	Upper
45	100		
77	12.5	0.0	33.8
79	11.0	0.0	31.0





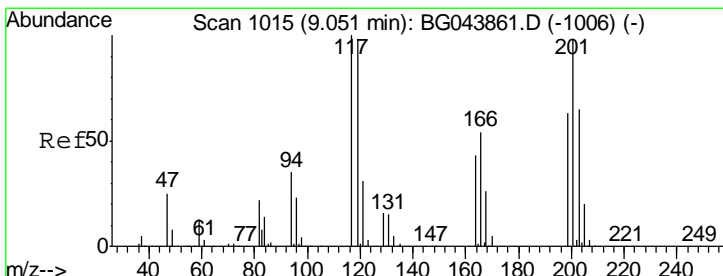
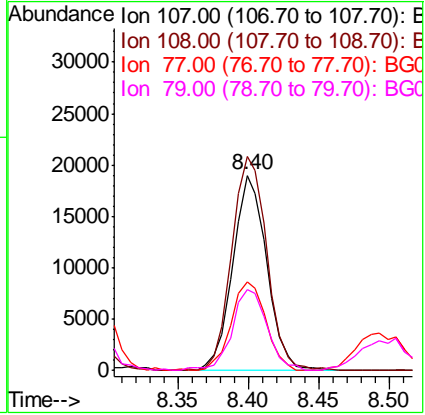
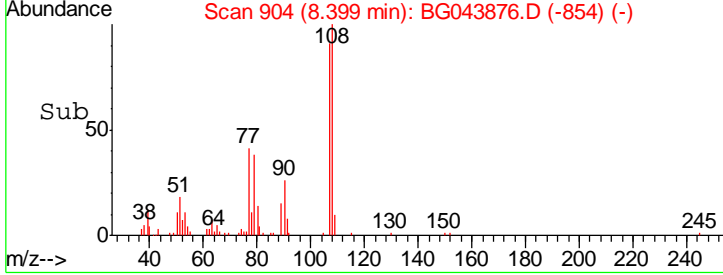
#17
 2-Methylphenol
 Concen: 4.857 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

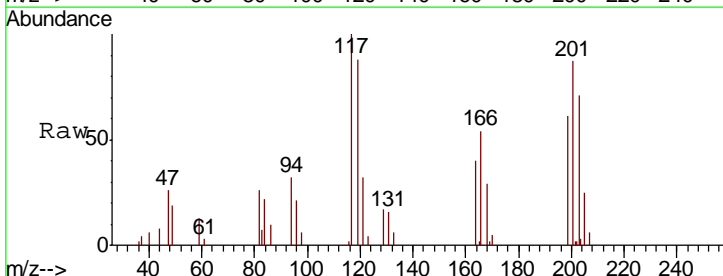


Tgt Ion	Resp	Lower	Upper
107	100		
108	109.5	86.1	129.1
77	45.1	35.4	53.0
79	41.5	34.8	52.2

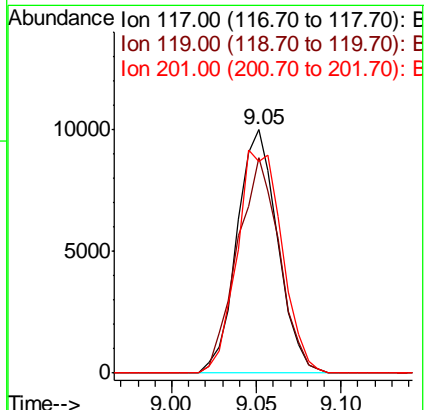
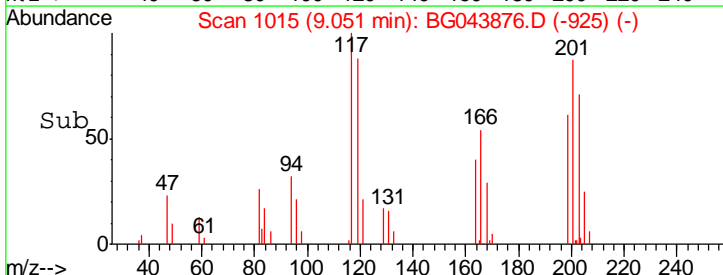
Manual Integrations
 APPROVED
 mohammad
 1/3/2020 11:05:13 AM

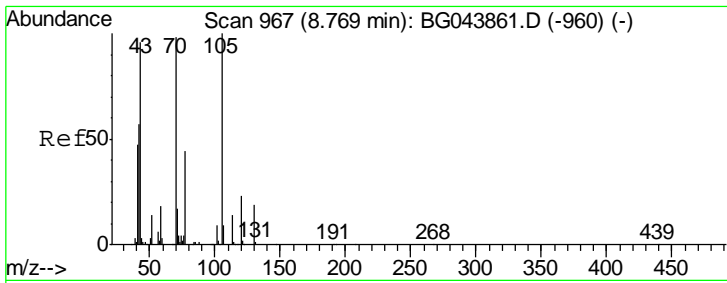


#18
 Hexachloroethane
 Concen: 5.033 ng
 RT: 9.05 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39



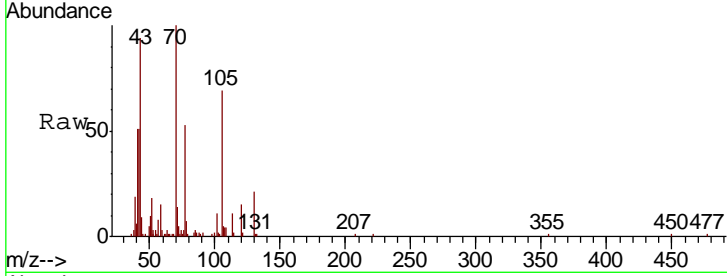
Tgt Ion	Resp	Lower	Upper
117	100		
119	88.3	78.1	117.1
201	89.3	78.6	117.8





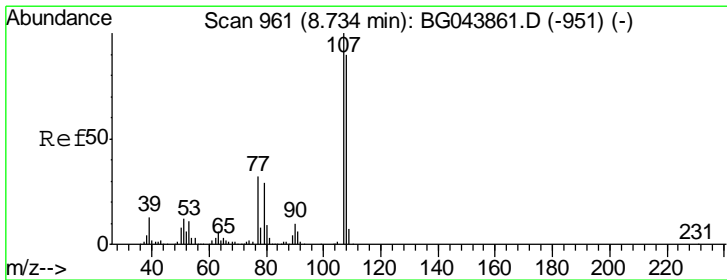
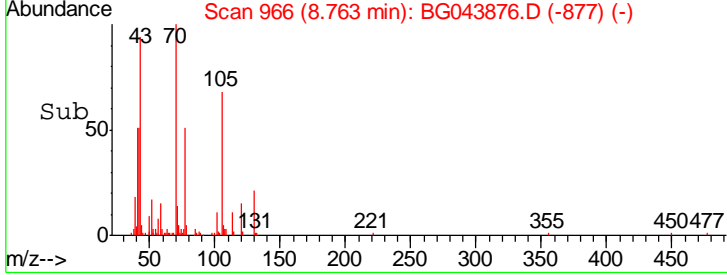
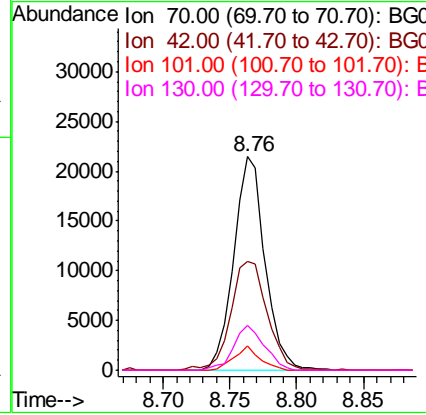
#19
 n-Nitroso-di-n-propylamine
 Concen: 5.363 ng
 RT: 8.76 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019



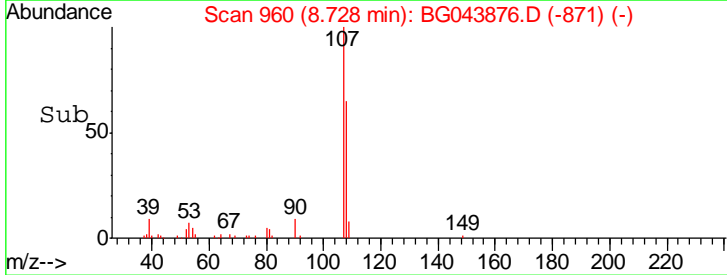
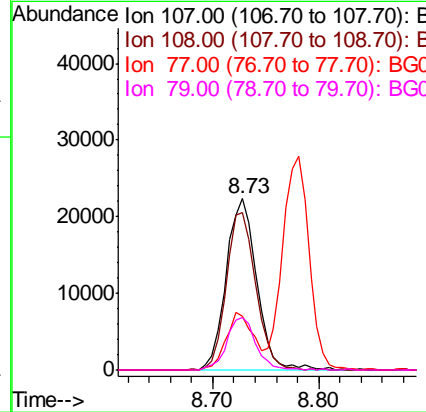
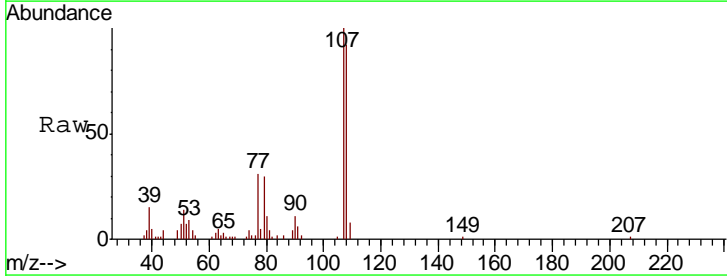
Tgt Ion	Resp	Lower	Upper
70	100		
42	51.0	47.0	70.4
101	11.2	7.2	10.8#
130	21.3	15.6	23.4

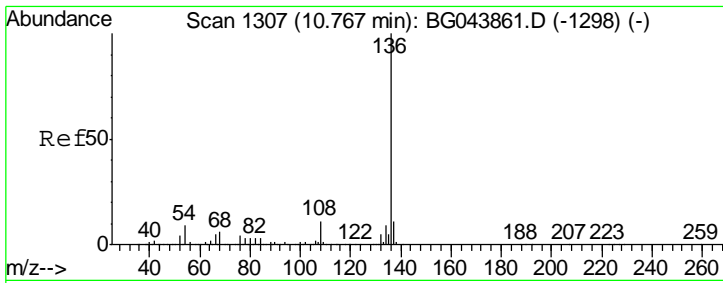
Manual Integrations
APPROVED
 mohammad
 1/3/2020 11:05:13 AM



#20
 3+4-Methylphenols
 Concen: 4.875 ng
 RT: 8.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

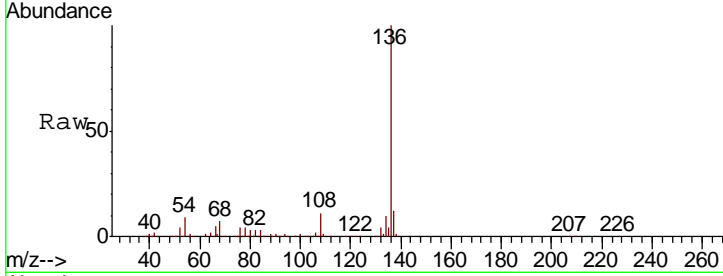
Tgt Ion	Resp	Lower	Upper
107	100		
108	91.6	70.3	110.3
77	31.4	12.4	52.4
79	30.4	8.6	48.6





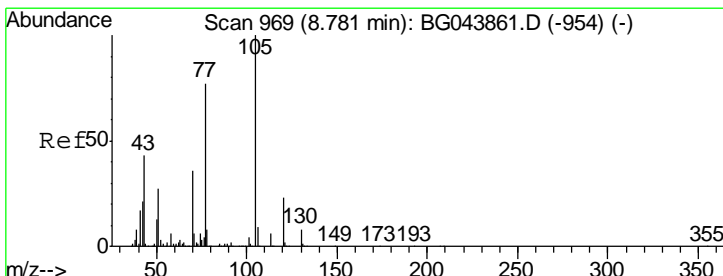
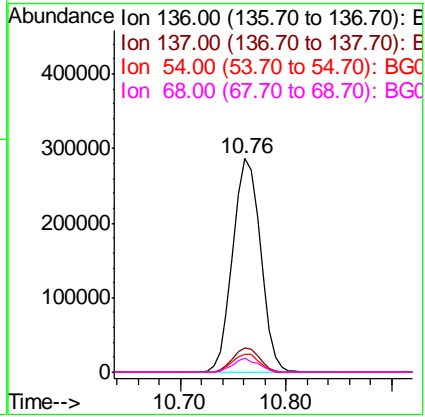
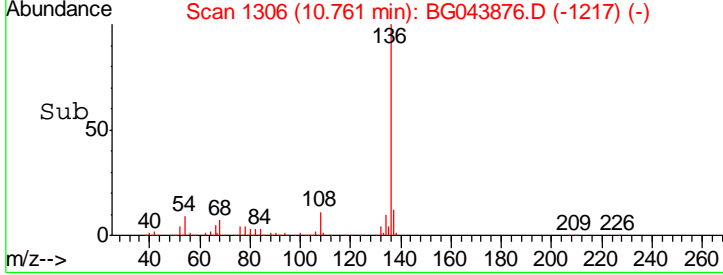
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.76 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

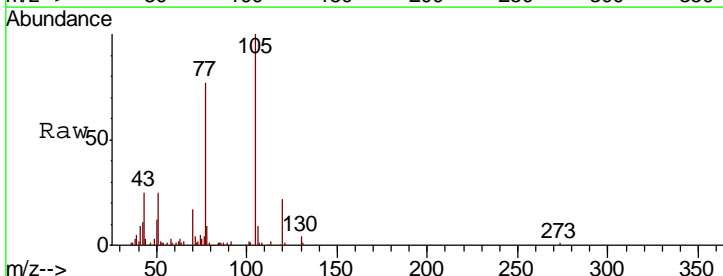


Tgt Ion	Resp	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	8.7	7.0	10.4
68	6.8	4.9	7.3

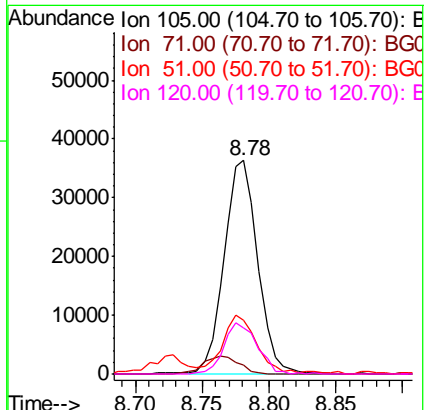
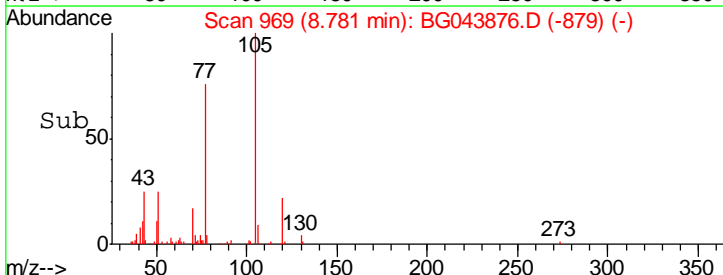
Manual Integrations
 APPROVED
 mohammad
 1/3/2020 11:05:13 AM

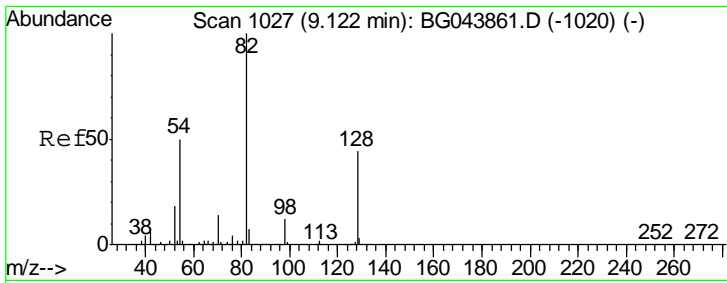


#22
 Acetophenone
 Concen: 4.916 ng
 RT: 8.78 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39



Tgt Ion	Resp	Lower	Upper
105	100		
71	4.2	4.8	7.2#
51	25.5	21.4	32.0
120	21.8	18.6	28.0





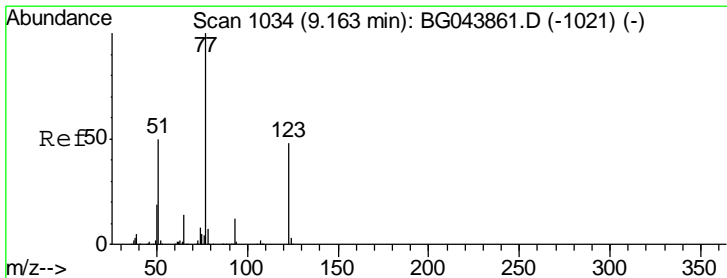
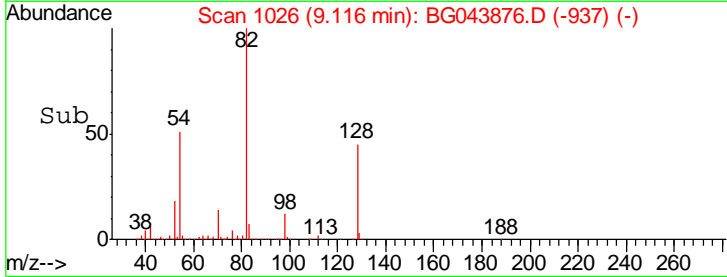
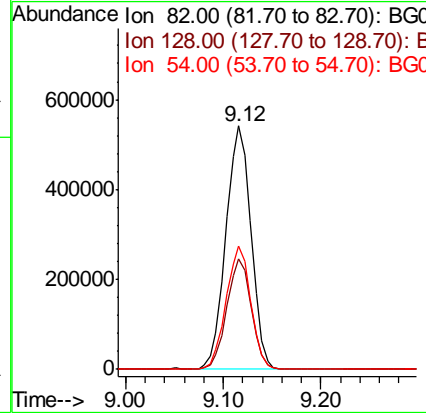
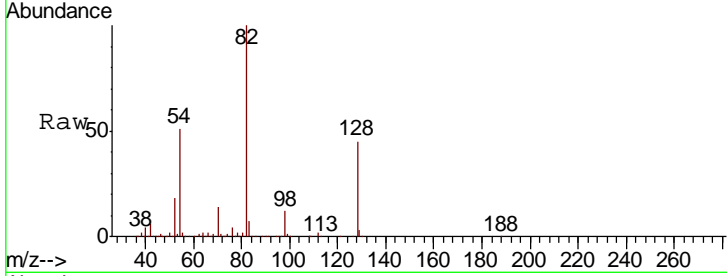
#23
 Nitrobenzene-d5
 Concen: 98.717 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
82	100		
128	45.5	35.1	52.7
54	50.9	40.1	60.1

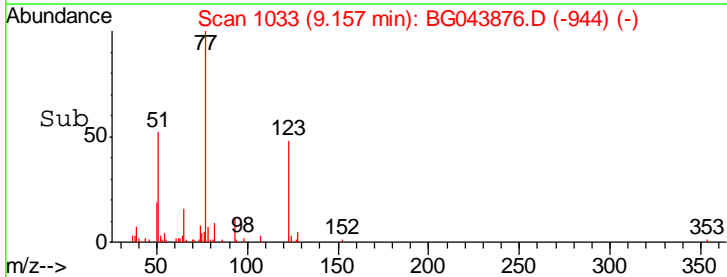
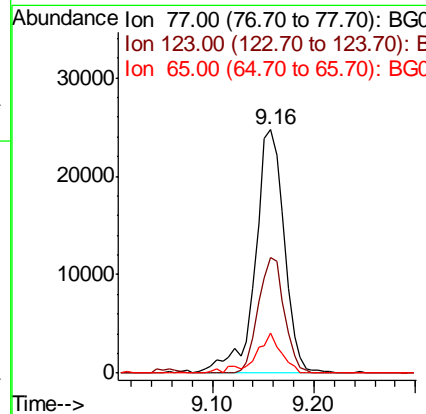
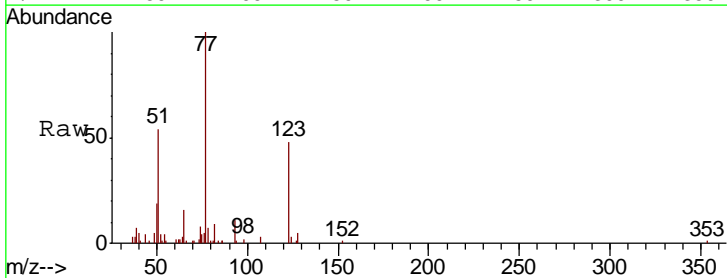
Manual Integrations
APPROVED

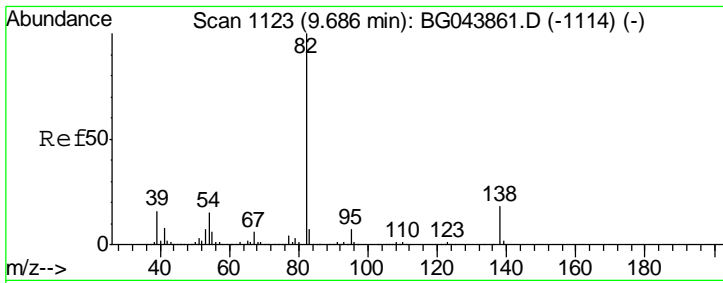
mohammad
 1/3/2020 11:05:13 AM



#24
 Nitrobenzene
 Concen: 5.071 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
77	100		
123	47.7	38.7	58.1
65	16.4	11.1	16.7





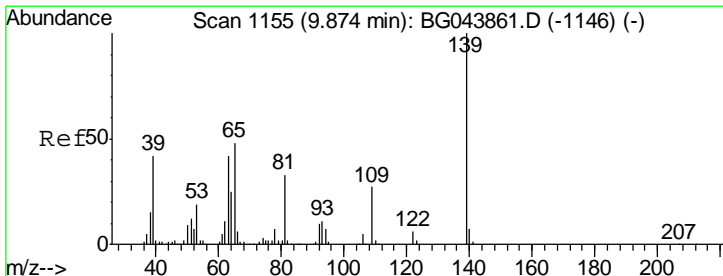
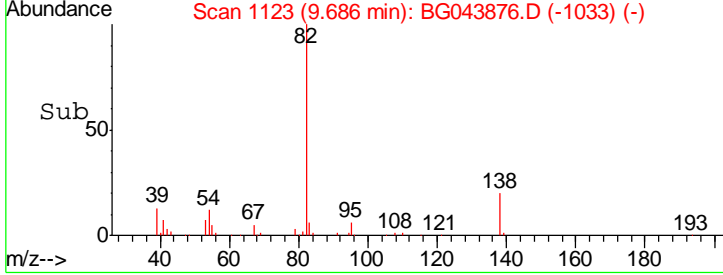
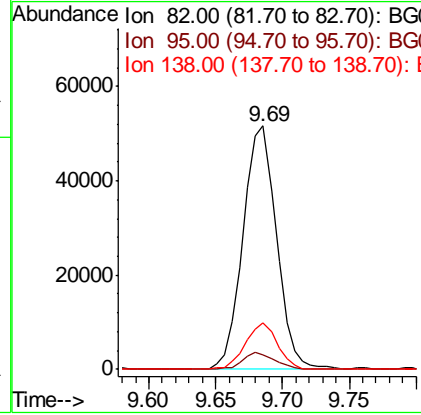
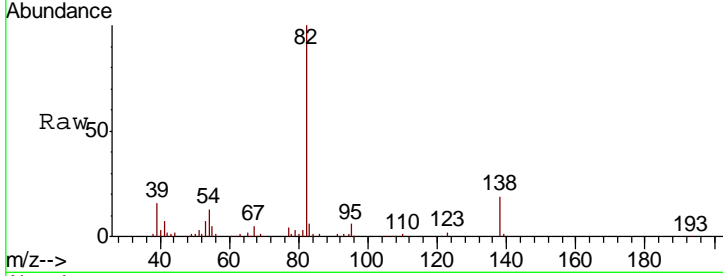
#25
 Isophorone
 Concen: 4.900 ng
 RT: 9.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
82	100		
95	6.1	5.8	8.6
138	19.0	14.6	22.0

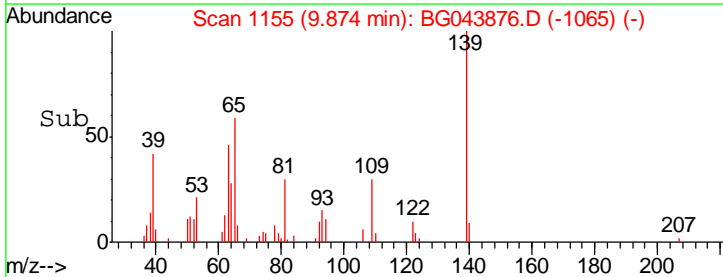
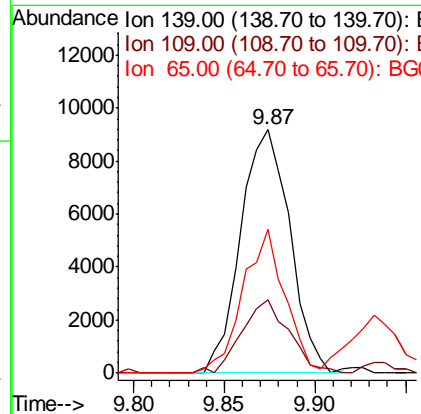
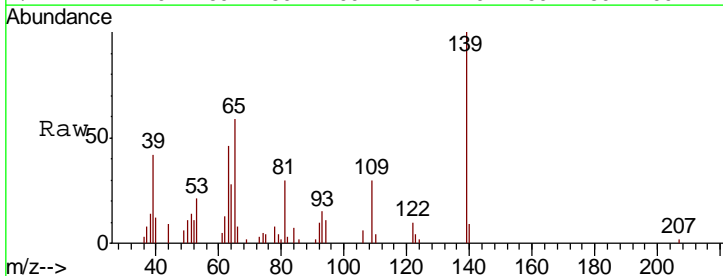
Manual Integrations
 APPROVED

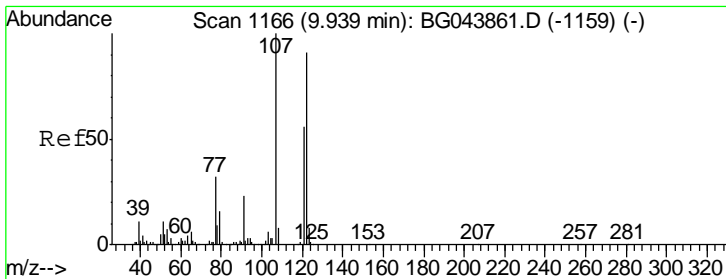
mohammad
 1/3/2020 11:05:13 AM



#26
 2-Nitrophenol
 Concen: 3.791 ng
 RT: 9.87 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
139	100		
109	30.2	21.3	31.9
65	58.9	38.6	57.8#





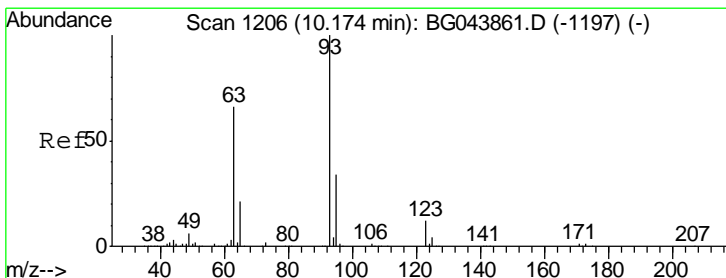
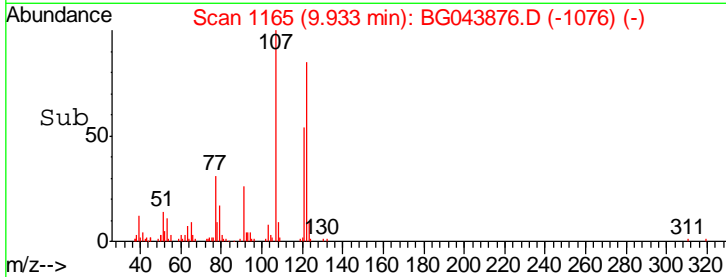
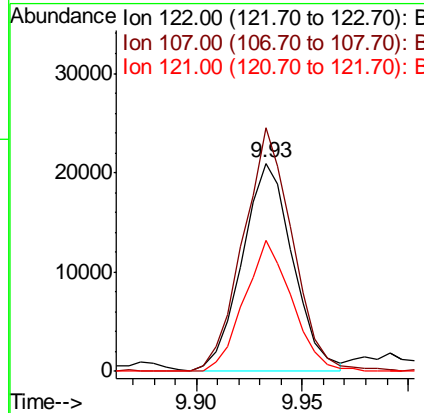
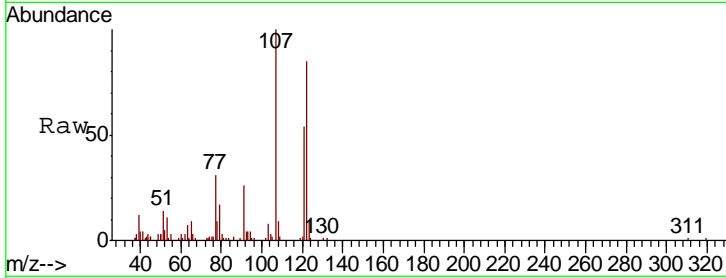
#27
 2,4-Dimethylphenol
 Concen: 5.077 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
122	34972		
107	117.0	88.0	132.0
121	63.0	49.0	73.4

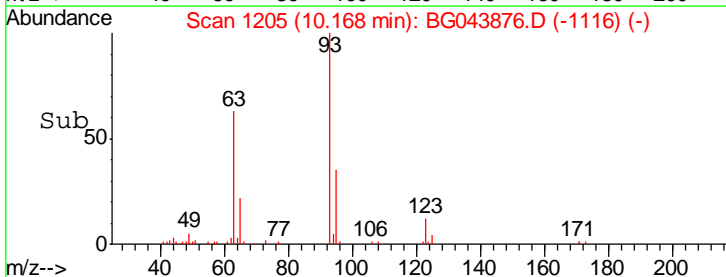
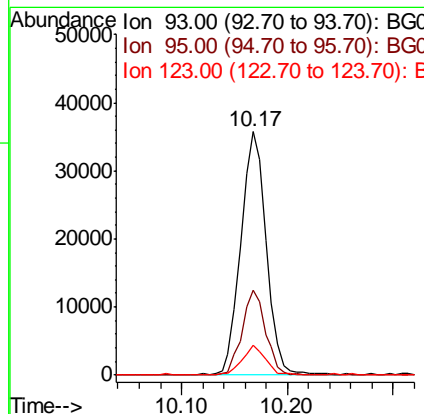
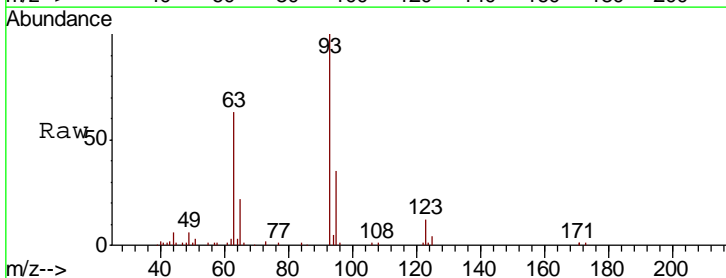
Manual Integrations
 APPROVED

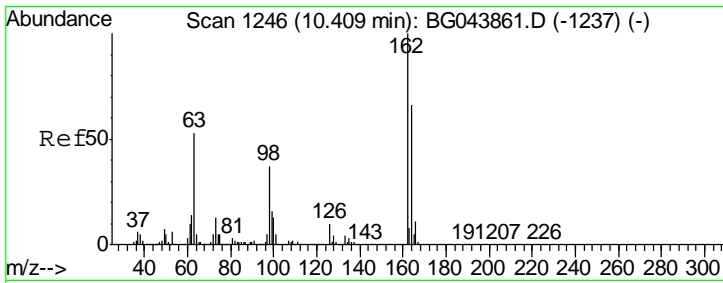
mohammad
 1/3/2020 11:05:13 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.852 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
93	59264		
95	35.1	27.2	40.8
123	12.3	9.7	14.5





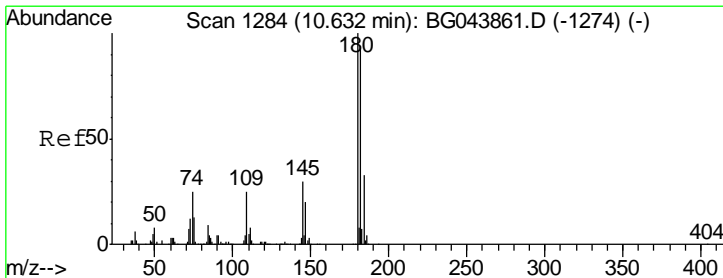
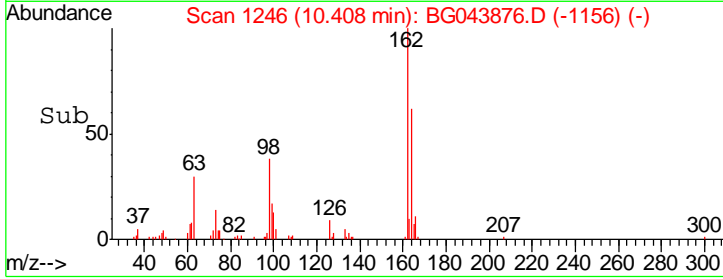
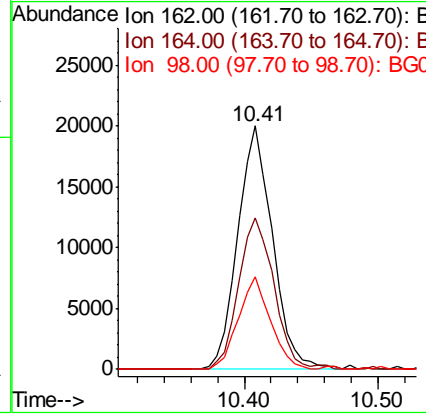
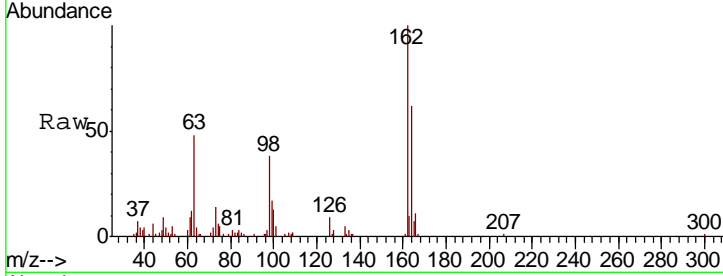
#29
 2,4-Dichlorophenol
 Concen: 4.397 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
Client Sampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
162	100		
164	62.1	46.3	86.3
98	37.8	17.3	57.3

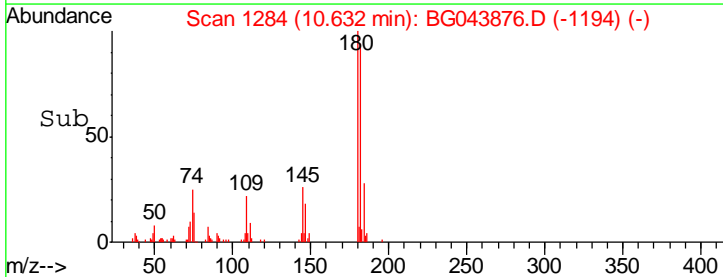
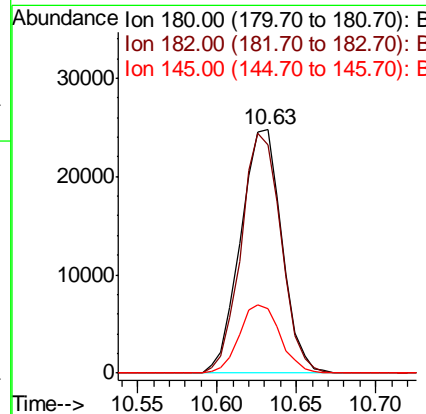
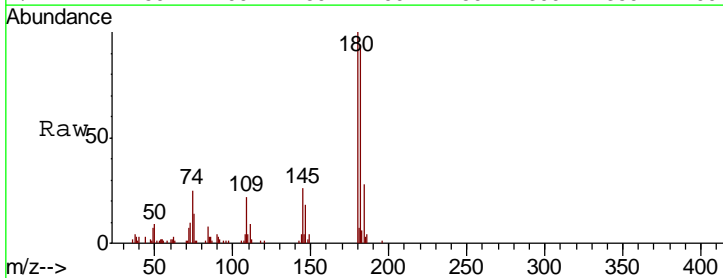
Manual Integrations
APPROVED

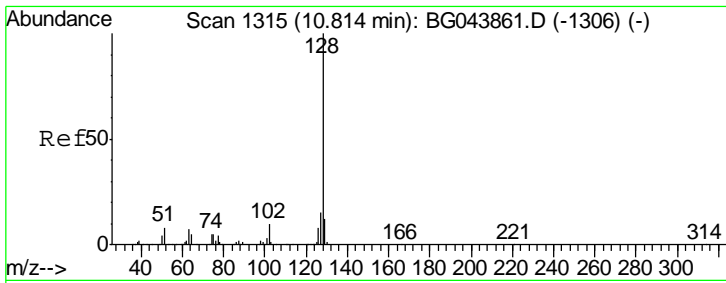
mohammad
 1/3/2020 11:05:13 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 4.855 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
180	100		
182	93.5	75.0	112.4
145	26.3	24.2	36.4





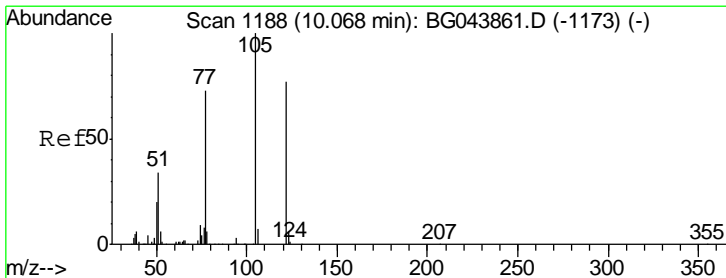
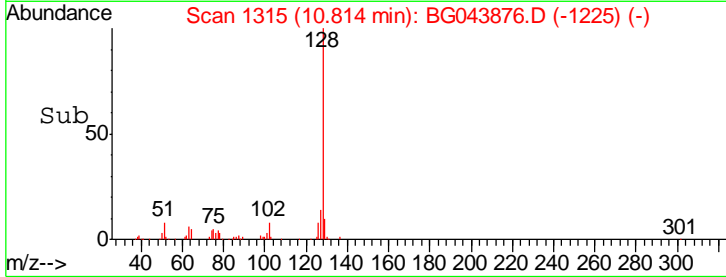
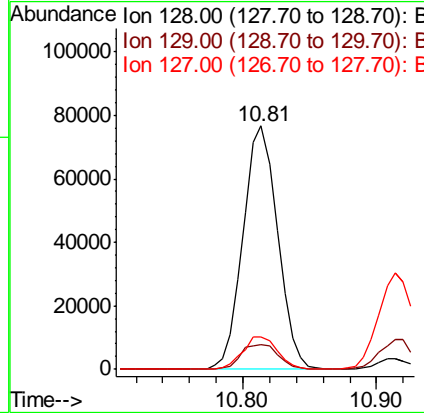
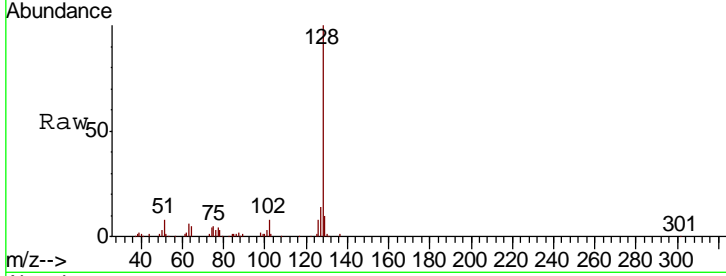
#31
 Naphthalene
 Concen: 5.424 ng
 RT: 10.81 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.8	14.6
127	13.5	12.0	18.0

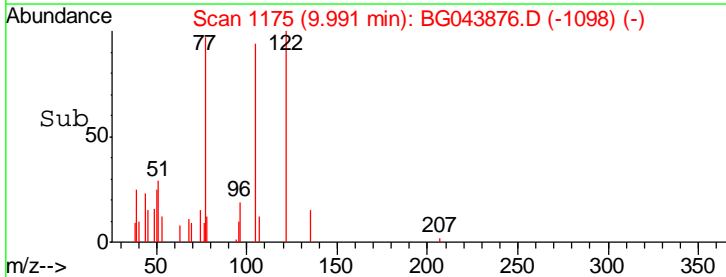
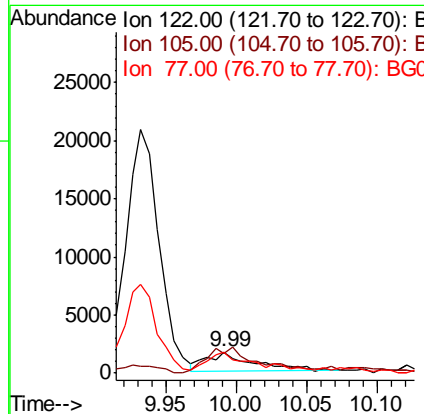
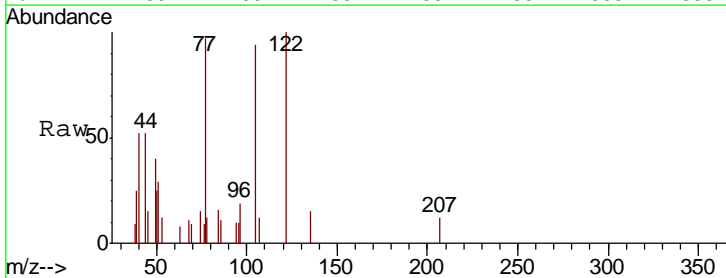
Manual Integrations
 APPROVED

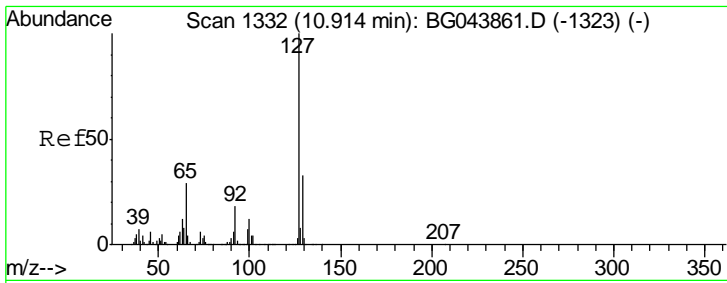
mohammad
 1/3/2020 11:05:13 AM



#32
 Benzoic acid
 Concen: 0.779 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.08 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

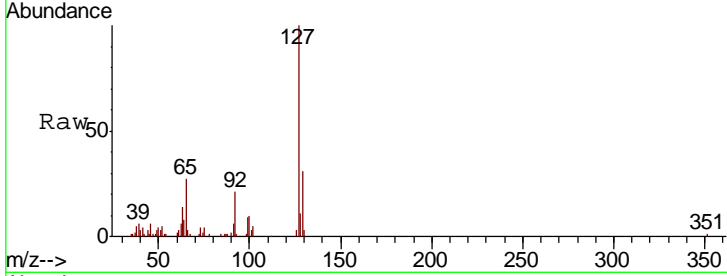
Tgt Ion	Ratio	Lower	Upper
122	100		
105	93.7	106.4	146.4#
77	96.6	74.6	114.6





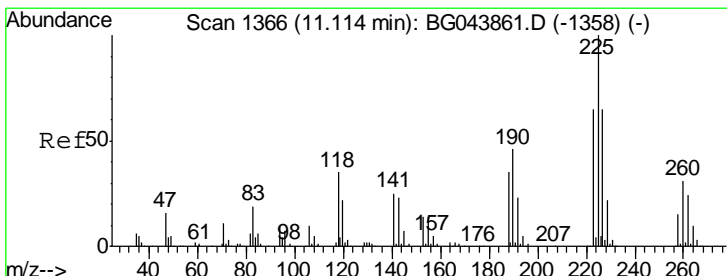
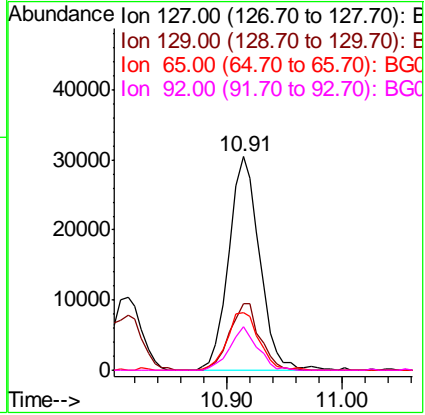
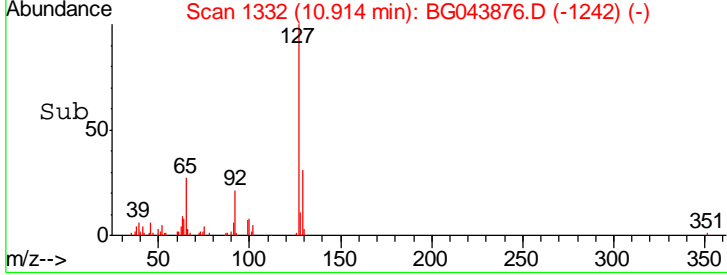
#33
 4-Chloroaniline
 Concen: 4.663 ng
 RT: 10.91 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument : BNA_G
 ClientSampled : LOD-MDL-WATER-01-QT4-2019

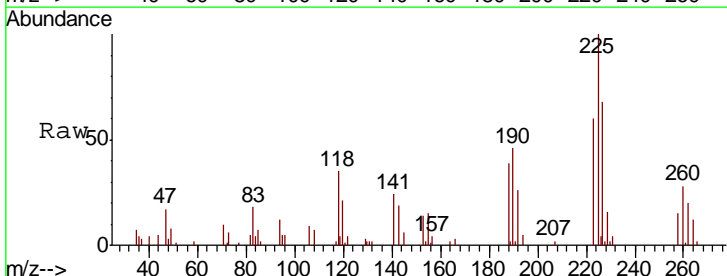


Tgt Ion	Resp	Lower	Upper
127	100		
129	31.3	26.6	40.0
65	27.1	23.3	34.9
92	20.6	14.7	22.1

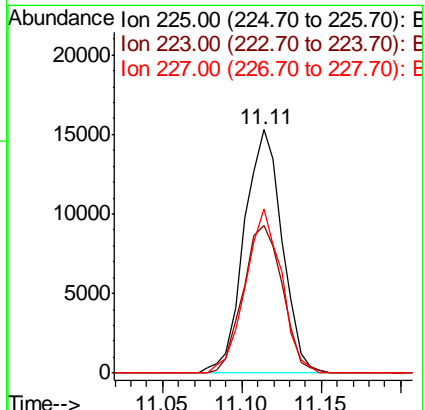
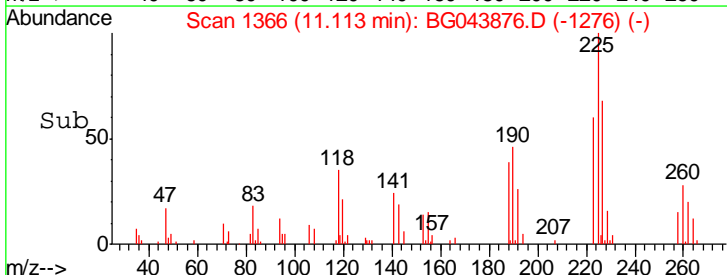
Manual Integrations APPROVED
 mohammad
 1/3/2020 11:05:13 AM

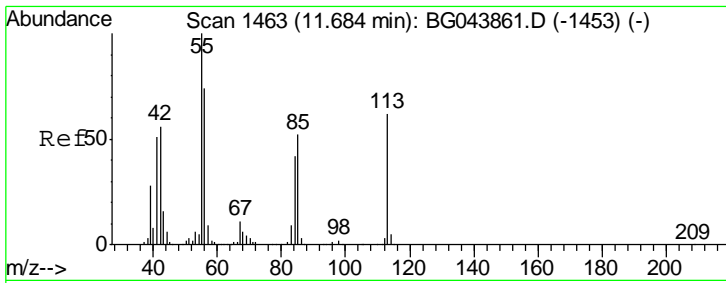


#34
 Hexachlorobutadiene
 Concen: 4.529 ng
 RT: 11.11 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39



Tgt Ion	Resp	Lower	Upper
225	100		
223	60.4	52.2	78.4
227	69.9	52.1	78.1





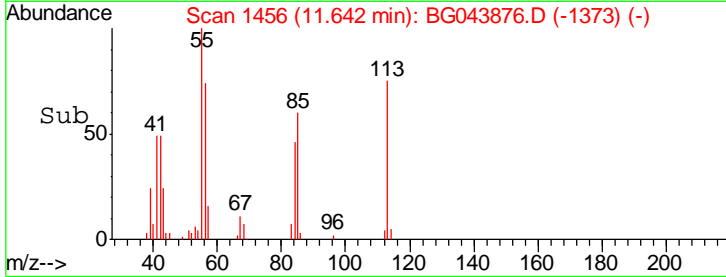
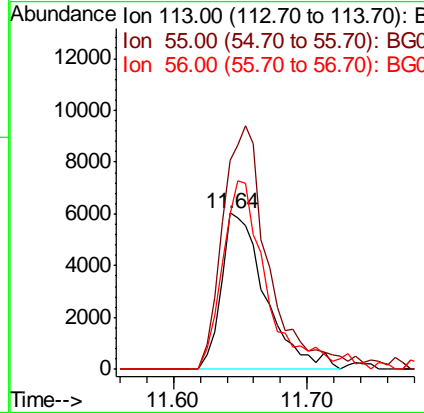
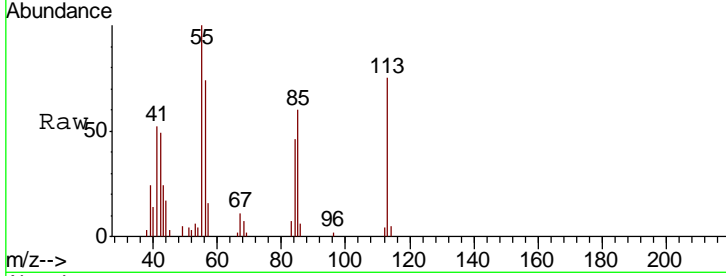
#35
 Caprolactam
 Concen: 4.538 ng
 RT: 11.64 min Scan# 1456
 Delta R.T. -0.04 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
113	100		
55	134.2	142.5	182.5#
56	99.5	101.4	141.4#

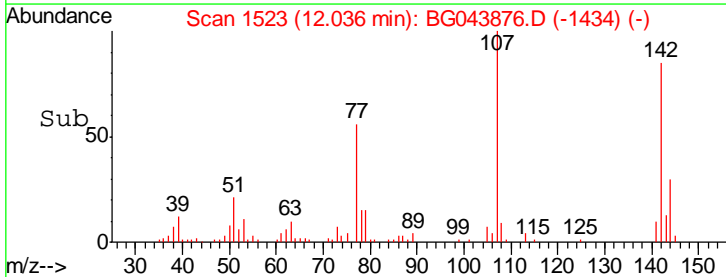
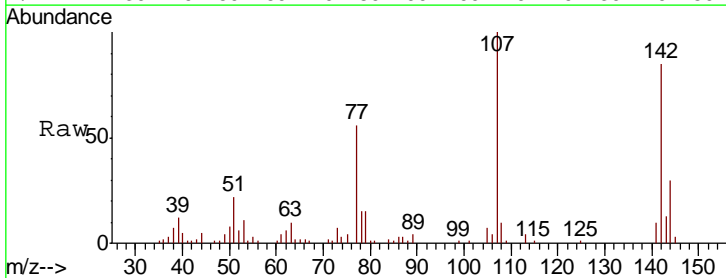
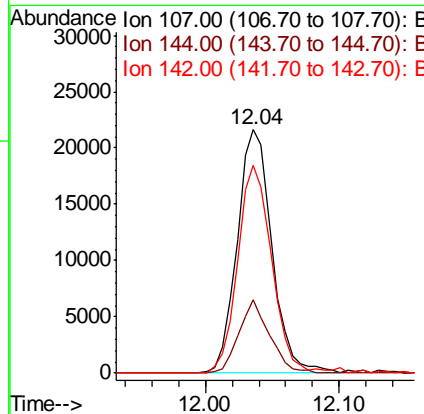
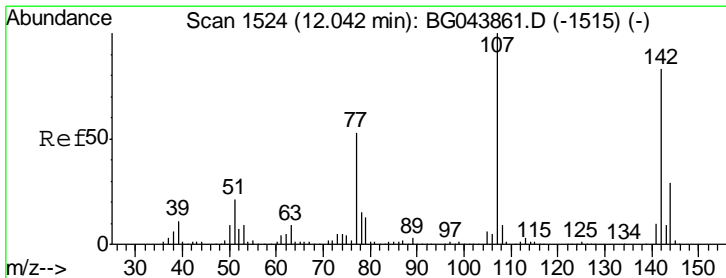
Manual Integrations
 APPROVED

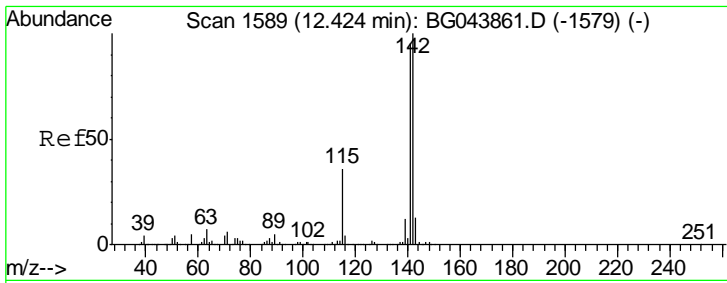
mohammad
 1/3/2020 11:05:13 AM



#36
 4-Chloro-3-methylphenol
 Concen: 4.444 ng
 RT: 12.04 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
107	100		
144	30.2	23.4	35.2
142	85.3	66.3	99.5





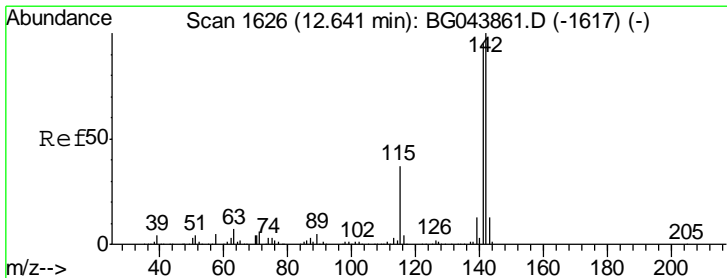
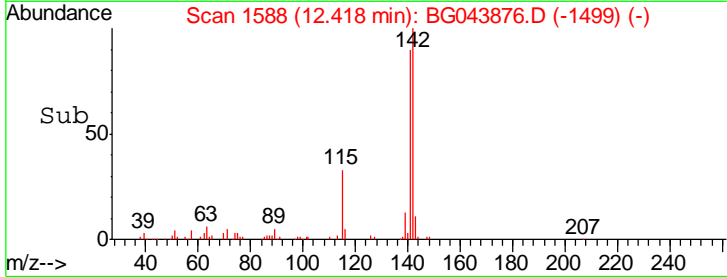
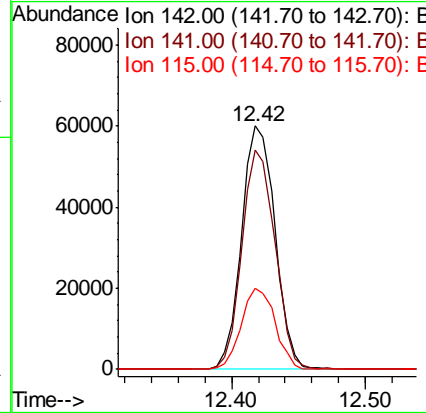
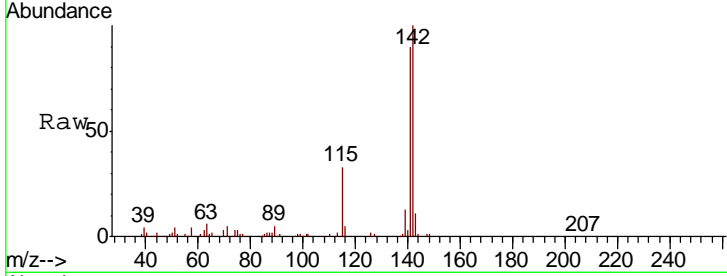
#37
 2-Methylnaphthalene
 Concen: 5.457 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
142	103857		
141	89.9	75.8	113.8
115	33.2	28.6	42.8

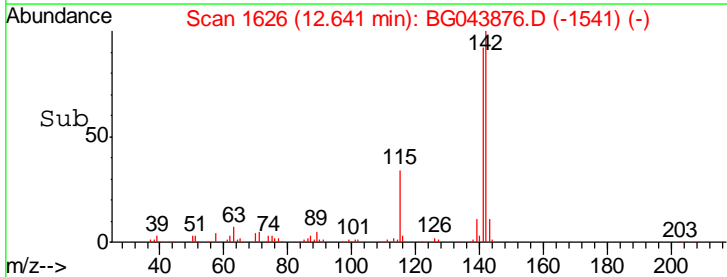
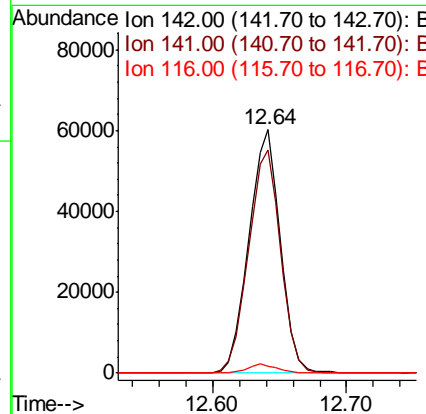
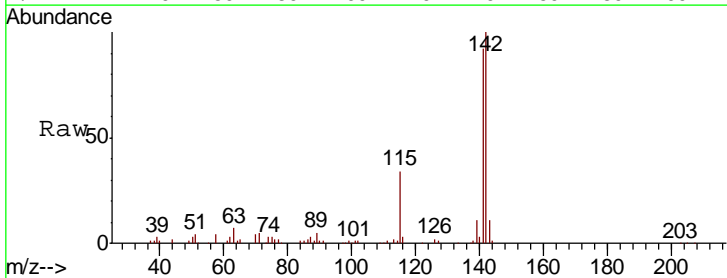
Manual Integrations
 APPROVED

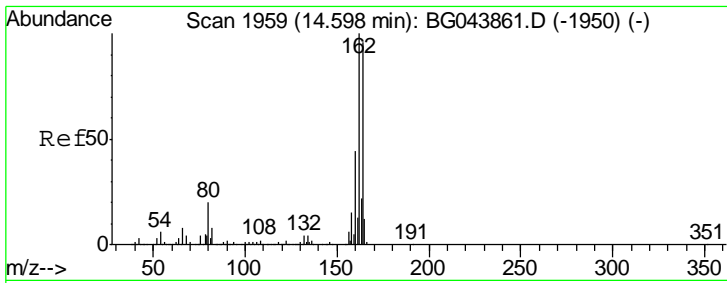
mohammad
 1/3/2020 11:05:13 AM



#38
 1-Methylnaphthalene
 Concen: 5.434 ng m
 RT: 12.64 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
142	98007		
141	91.6	76.0	114.0
116	2.9	3.1	4.7#





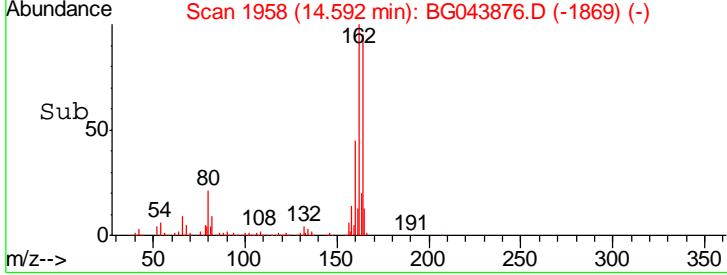
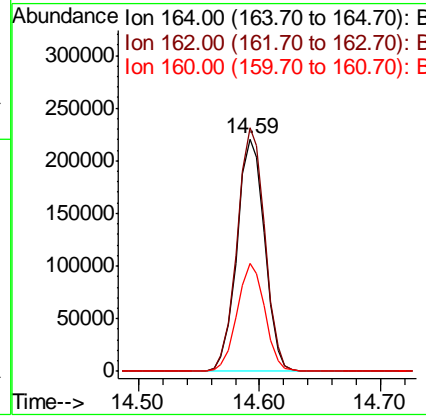
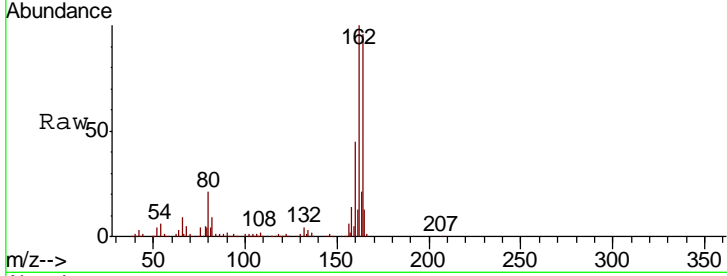
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
164	100		
162	104.7	83.0	124.4
160	46.7	36.1	54.1

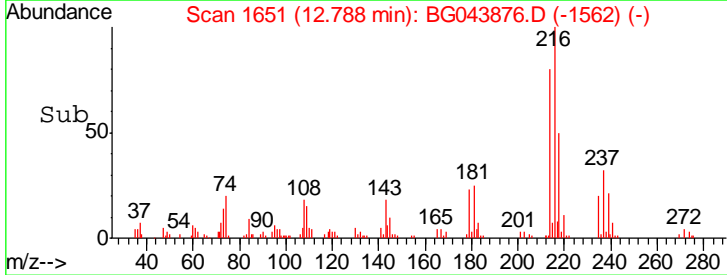
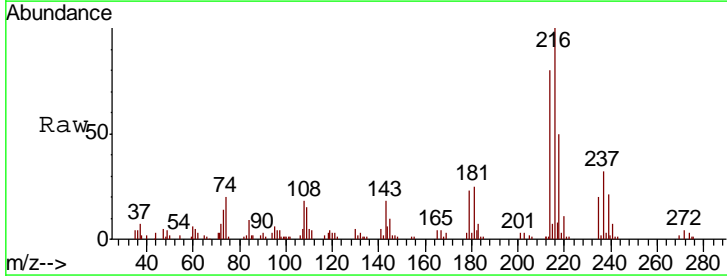
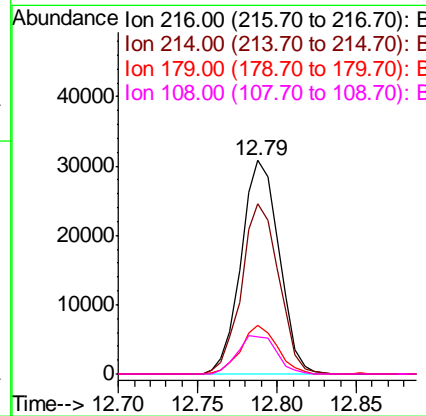
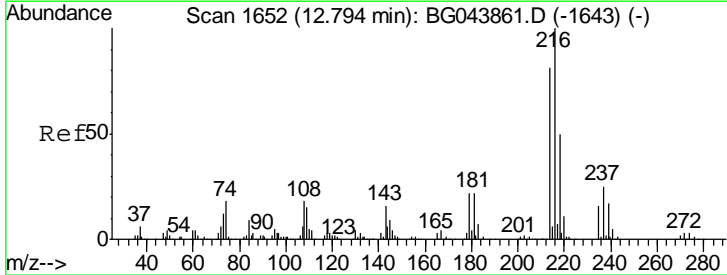
Manual Integrations
 APPROVED

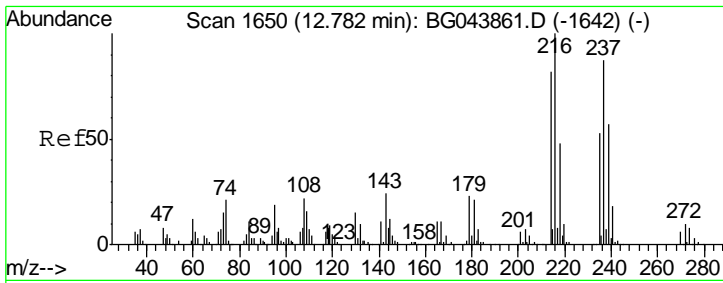
mohammad
 1/3/2020 11:05:13 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.966 ng
 RT: 12.79 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	21.8	17.3	25.9
108	18.5	15.3	22.9



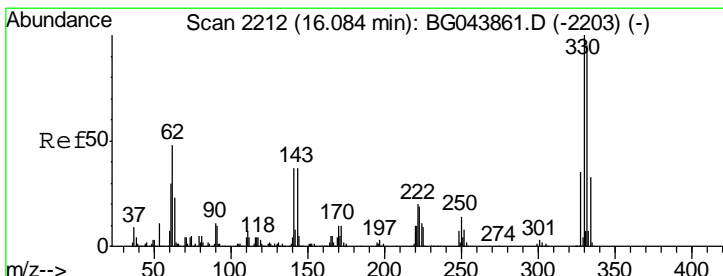
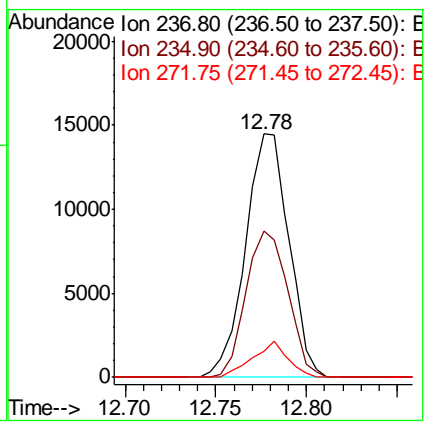
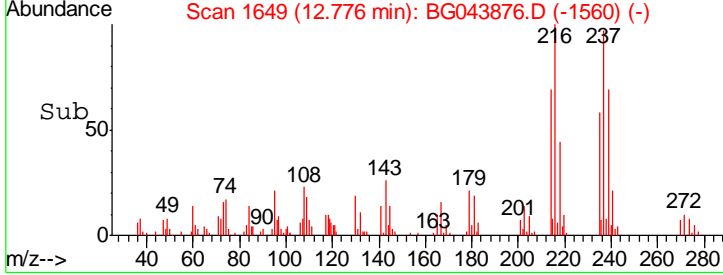
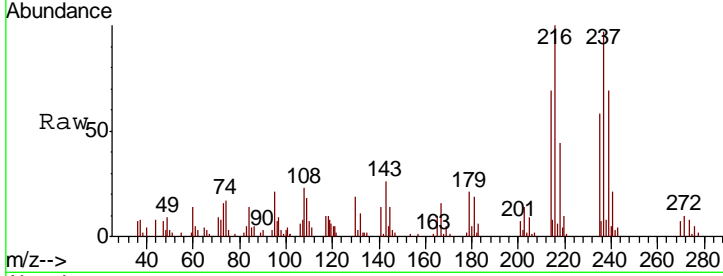


#41
 Hexachlorocyclopentadiene
 Concen: 4.495 ng
 RT: 12.78 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

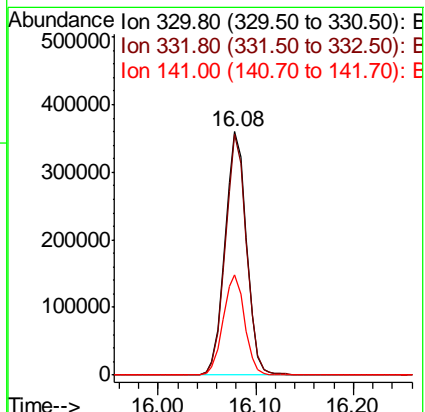
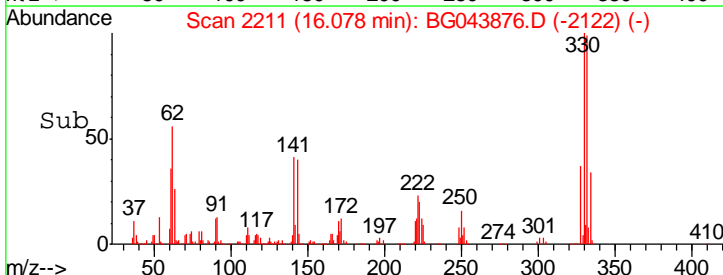
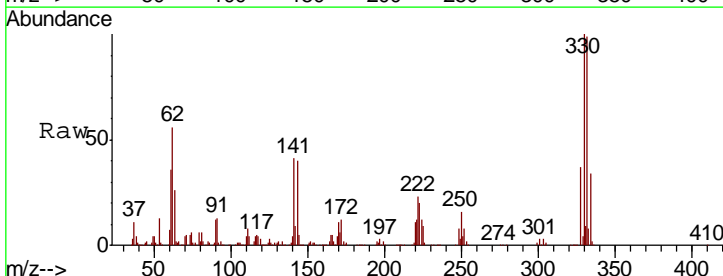
Tgt Ion	Resp	Lower	Upper
237	24010		
237	100		
235	60.2	41.1	81.1
272	10.6	0.0	31.7

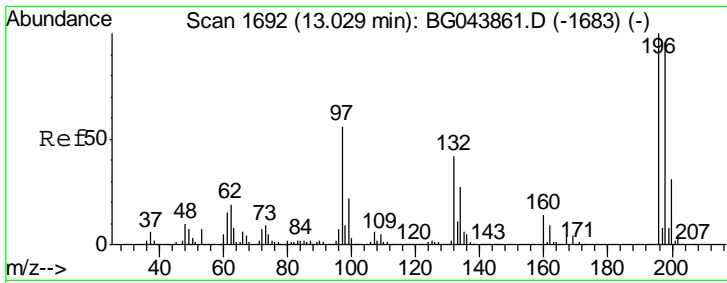
Manual Integrations
APPROVED
 mohammad
 1/3/2020 11:05:13 AM



#42
 2,4,6-Tribromophenol
 Concen: 149.649 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
330	550549		
330	100		
332	97.2	77.2	115.8
141	41.2	33.1	49.7



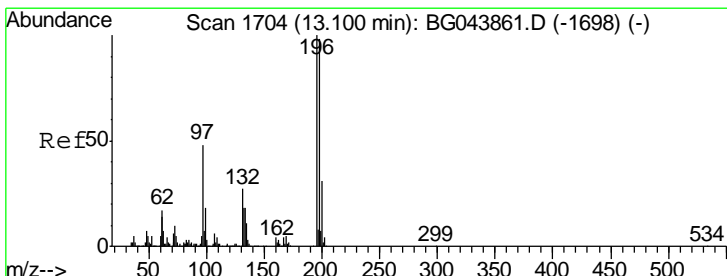
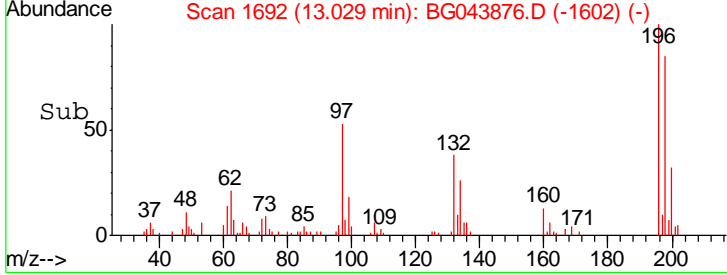
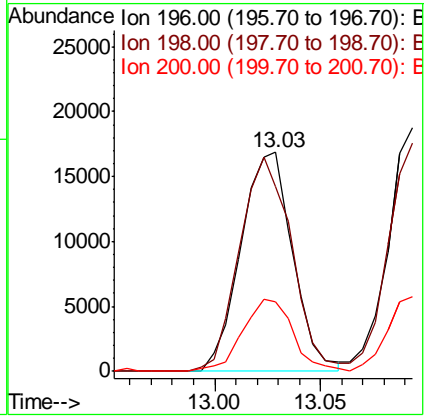
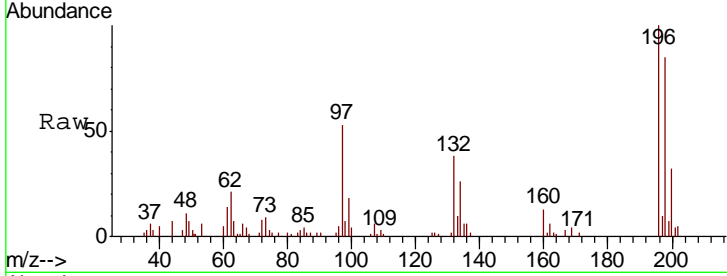


#43
 2,4,6-Trichlorophenol
 Concen: 4.046 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

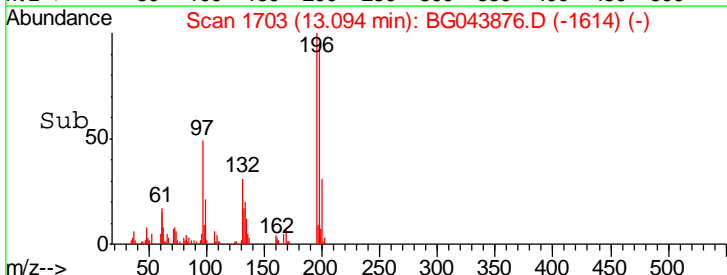
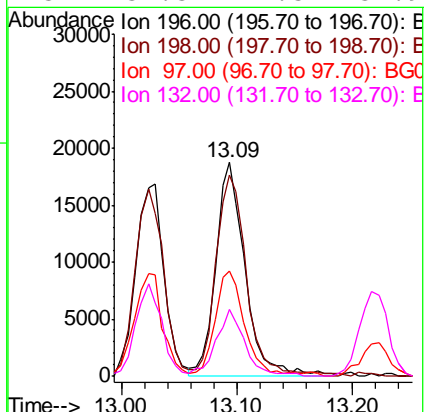
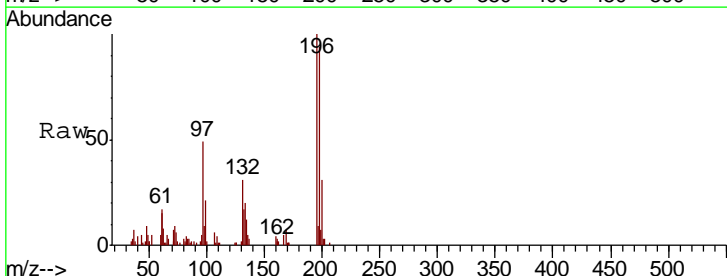
Tgt Ion	Resp	Lower	Upper
196	100		
198	84.6	76.6	115.0
200	31.9	24.6	37.0

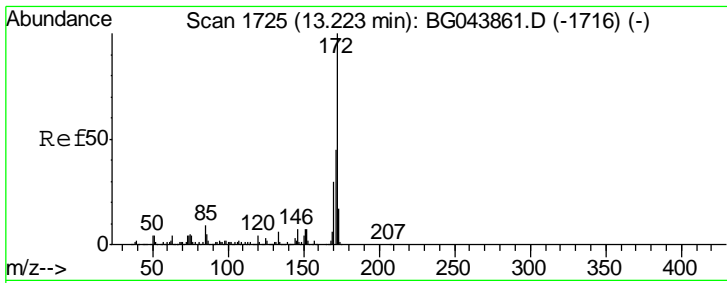
Manual Integrations
APPROVED
 mohammad
 1/3/2020 11:05:13 AM



#44
 2,4,5-Trichlorophenol
 Concen: 4.500 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
196	100		
198	93.8	78.3	117.5
97	48.9	38.8	58.2
132	31.3	21.3	31.9





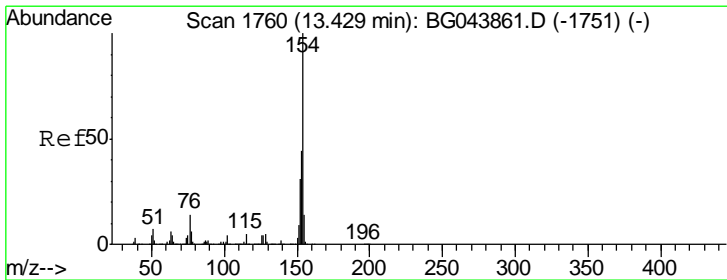
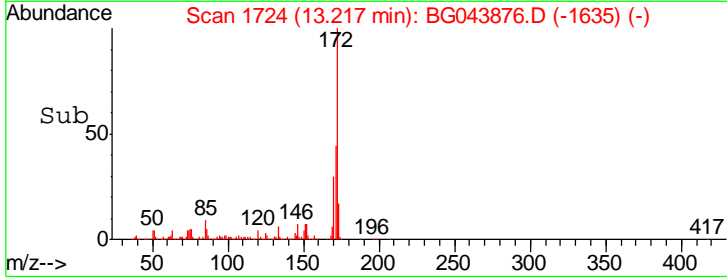
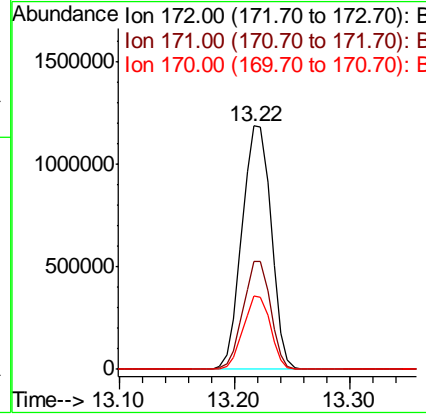
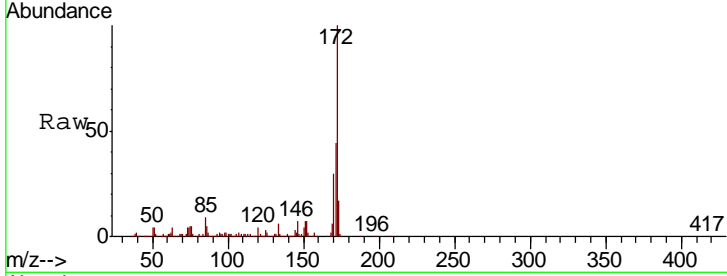
#45
 2-Fluorobiphenyl
 Concen: 107.400 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
172	100		
171	44.4	35.8	53.8
170	30.0	24.2	36.4

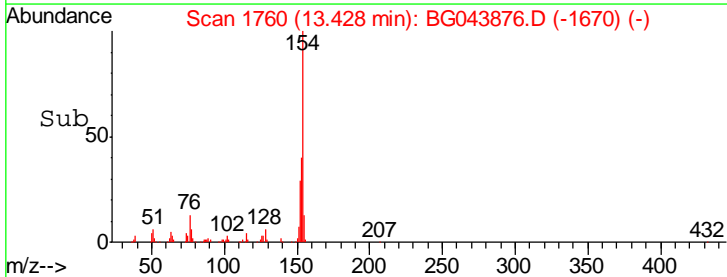
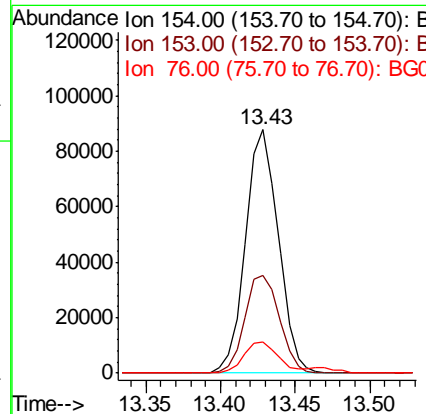
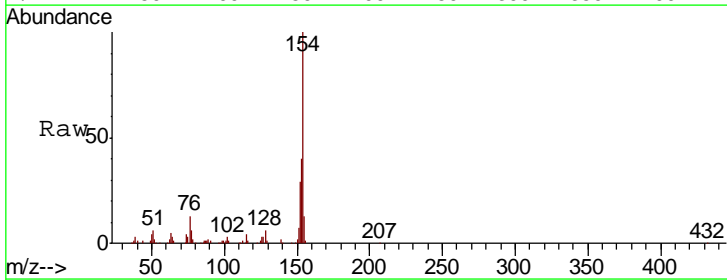
Manual Integrations
APPROVED

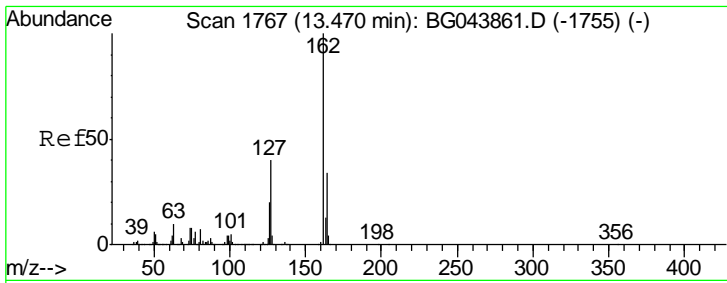
mohammad
 1/3/2020 11:05:13 AM



#46
 1,1'-Biphenyl
 Concen: 5.291 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

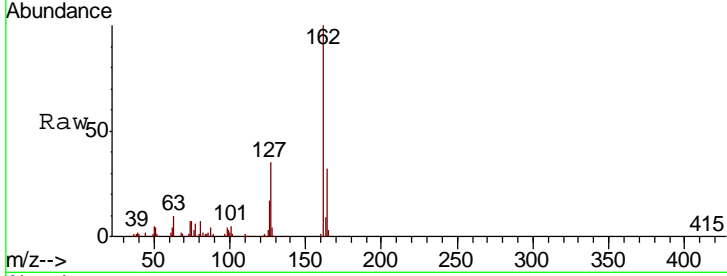
Tgt Ion	Resp	Lower	Upper
154	100		
153	40.2	23.6	63.6
76	12.8	0.0	34.4





#47
 2-Chloronaphthalene
 Concen: 5.006 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

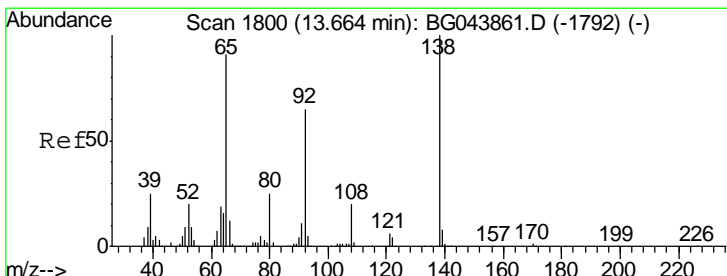
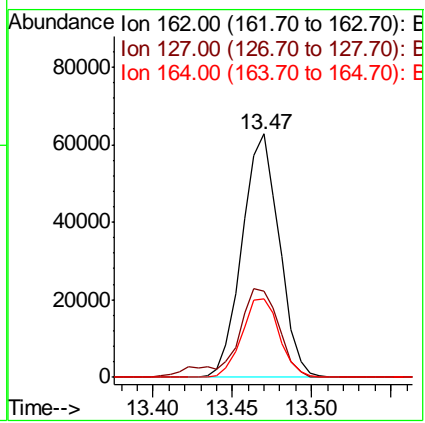
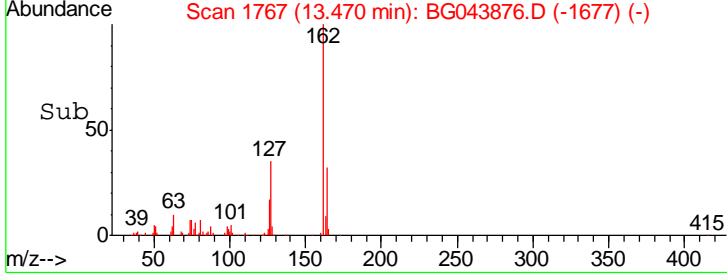
Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019



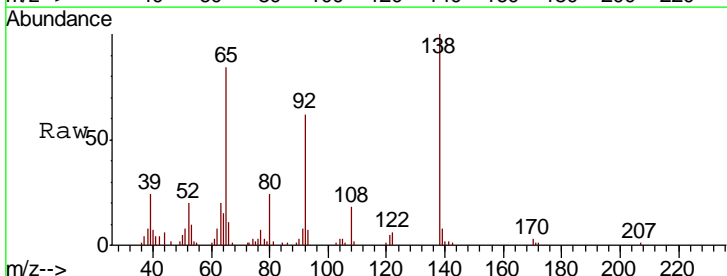
Tgt Ion: 162 Resp: 101964

Ion	Ratio	Lower	Upper
162	100		
127	35.3	32.1	48.1
164	32.1	27.5	41.3

Manual Integrations
APPROVED
 mohammad
 1/3/2020 11:05:13 AM

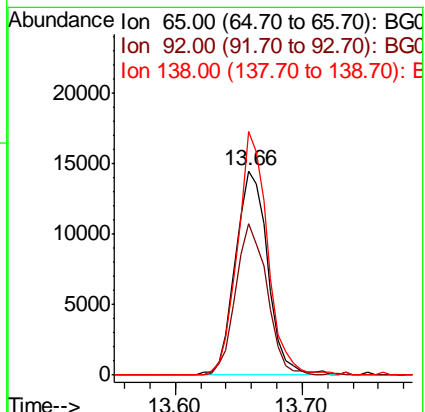
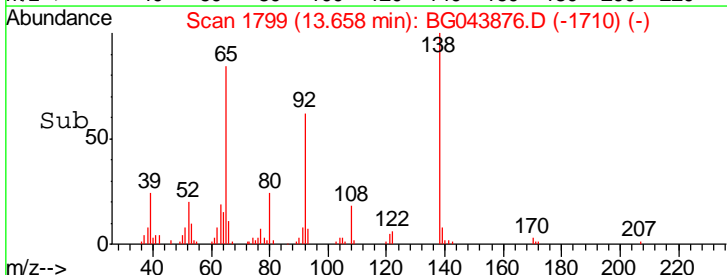


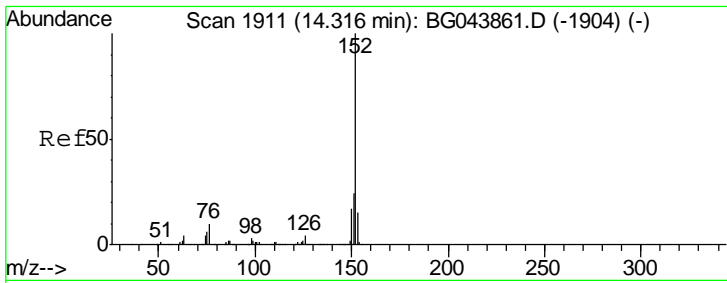
#48
 2-Nitroaniline
 Concen: 3.898 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39



Tgt Ion: 65 Resp: 25542

Ion	Ratio	Lower	Upper
65	100		
92	74.2	57.4	86.2
138	119.3	88.2	132.4





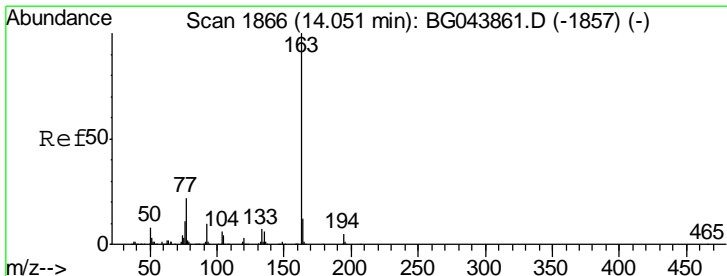
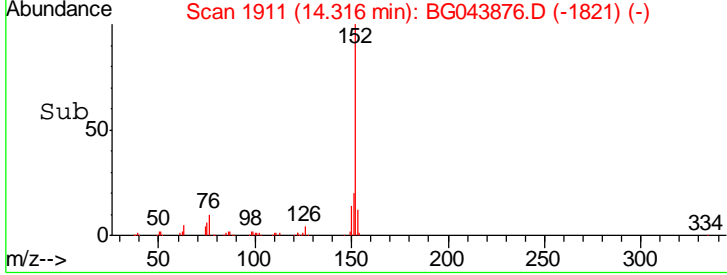
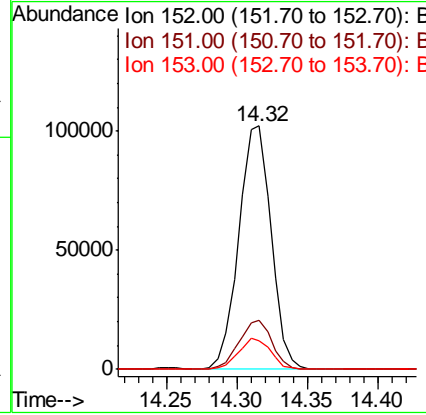
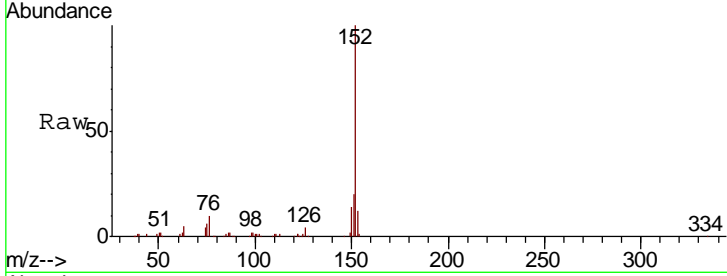
#49
 Acenaphthylene
 Concen: 5.588 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	19.4	29.2
153	11.7	12.0	18.0

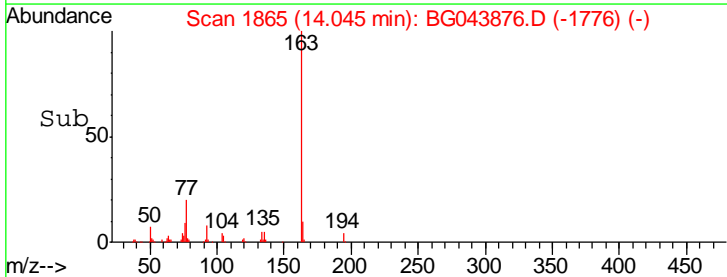
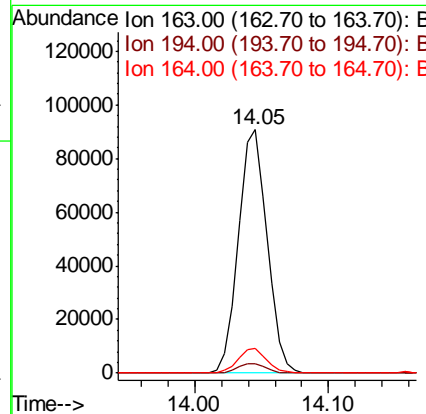
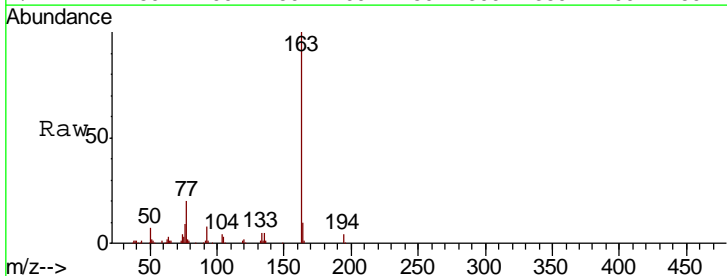
Manual Integrations
APPROVED

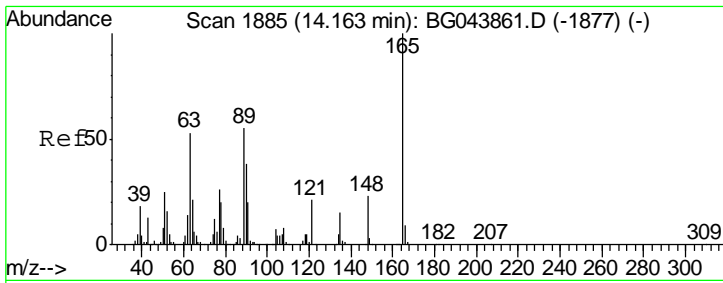
mohammad
 1/3/2020 11:05:13 AM



#50
 Dimethylphthalate
 Concen: 5.429 ng
 RT: 14.05 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.7	5.5
164	10.1	9.3	13.9



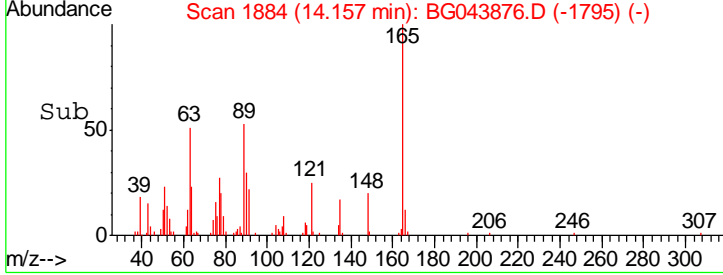
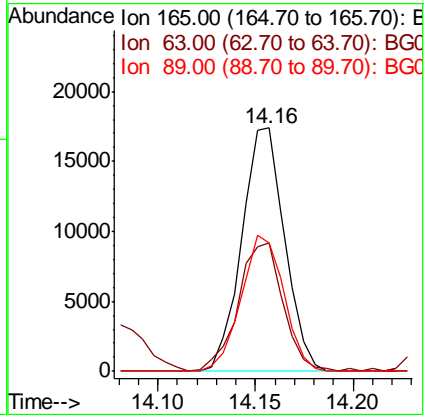
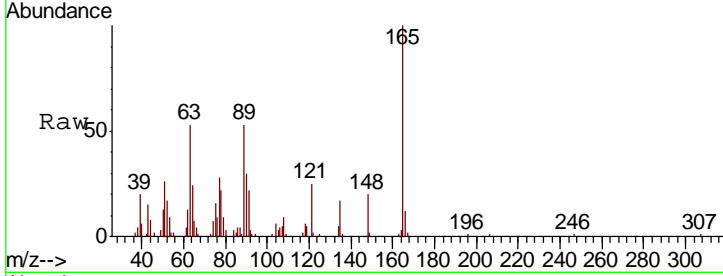


#51
 2,6-Dinitrotoluene
 Concen: 4.679 ng
 RT: 14.16 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

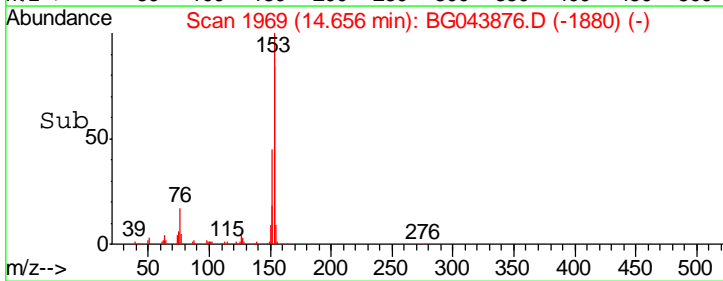
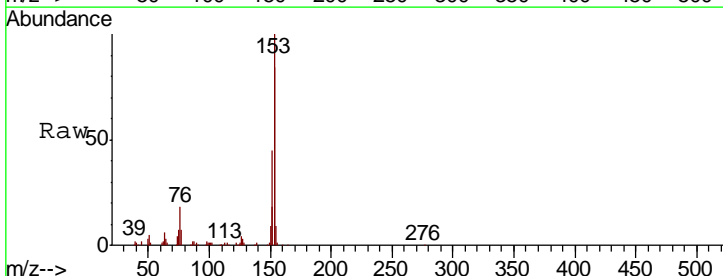
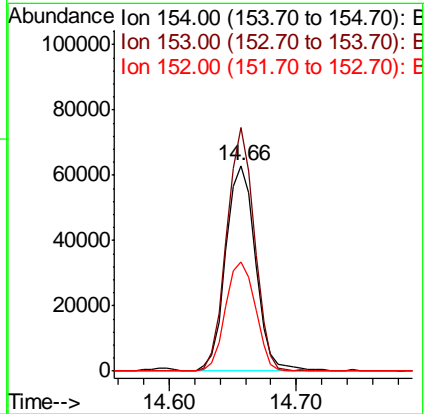
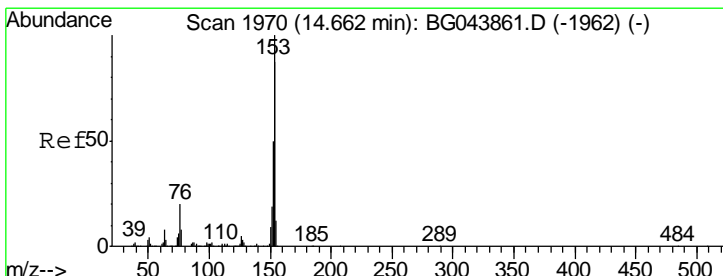
Tgt Ion	Resp	Lower	Upper
165	100		
63	52.5	43.1	64.7
89	52.9	43.8	65.6

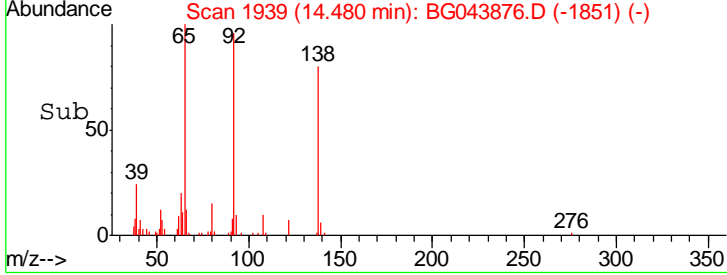
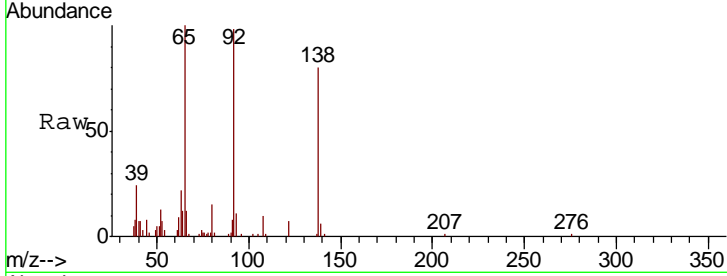
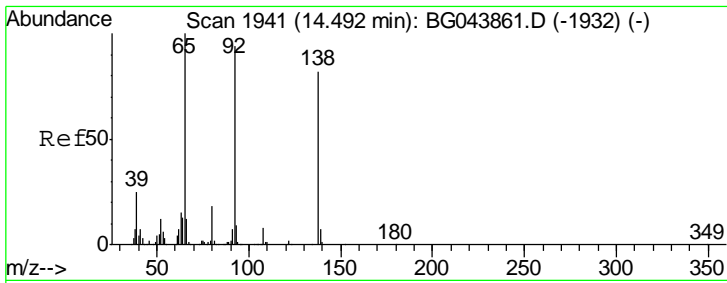
Manual Integrations
APPROVED
 mohammad
 1/3/2020 11:05:13 AM



#52
 Acenaphthene
 Concen: 4.986 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
154	100		
153	118.5	91.6	137.4
152	53.0	45.4	68.0



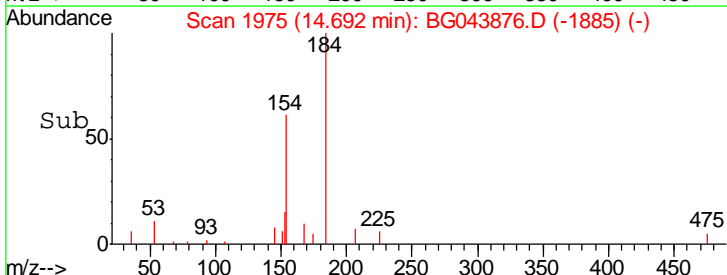
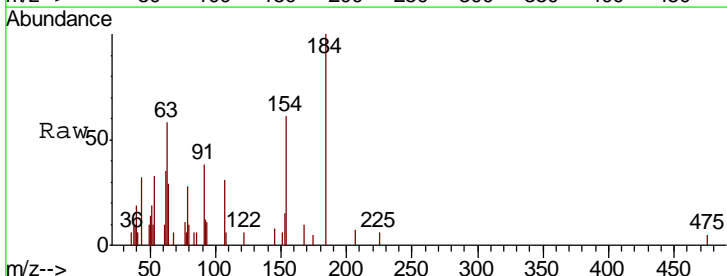
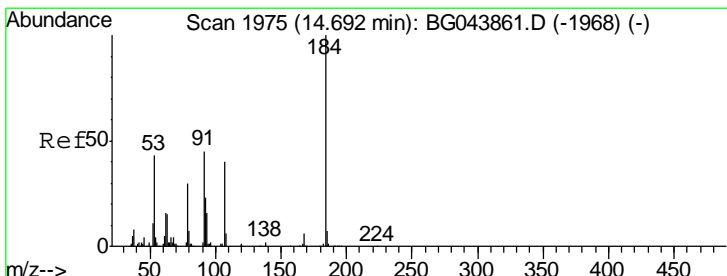
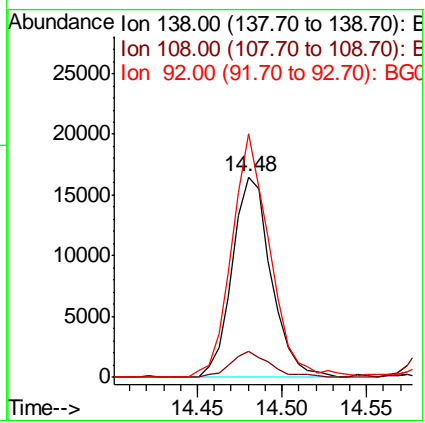


#53
 3-Nitroaniline
 Concen: 4.134 ng
 RT: 14.48 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
138	100		
108	12.8	7.4	11.2#
92	121.5	92.1	138.1

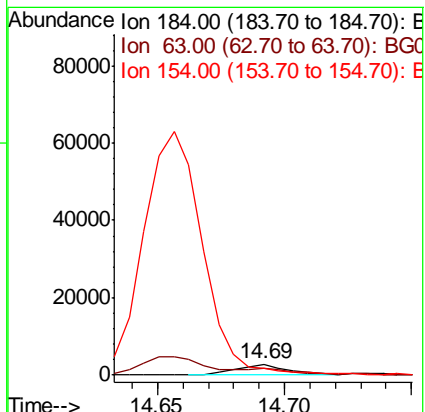
Instrument : BNA_G
 ClientSampled : LOD-MDL-WATER-01-QT4-2019

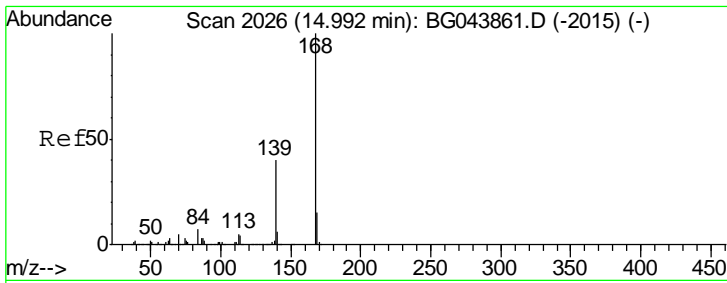
Manual Integrations APPROVED
 mohammad
 1/3/2020 11:05:13 AM



#54
 2,4-Dinitrophenol
 Concen: 1.622 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
184	100		
63	58.2	46.6	70.0
154	60.8	50.2	75.4





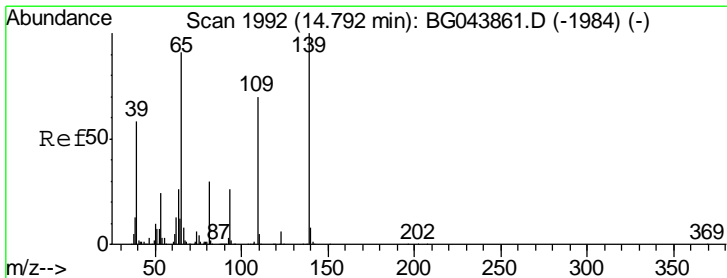
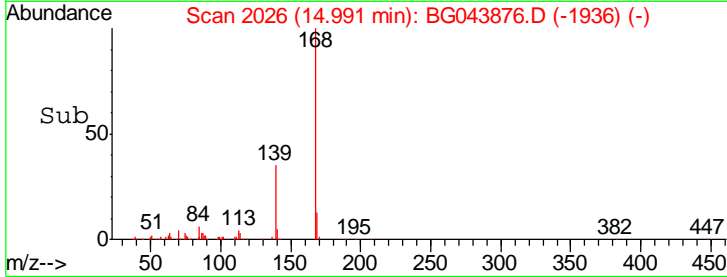
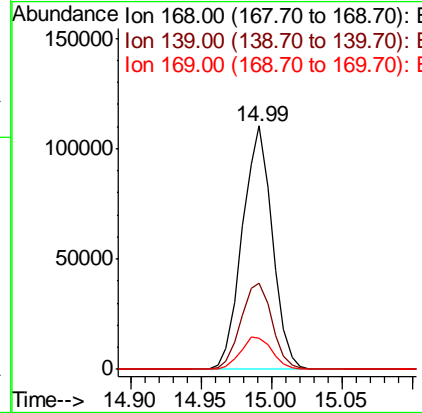
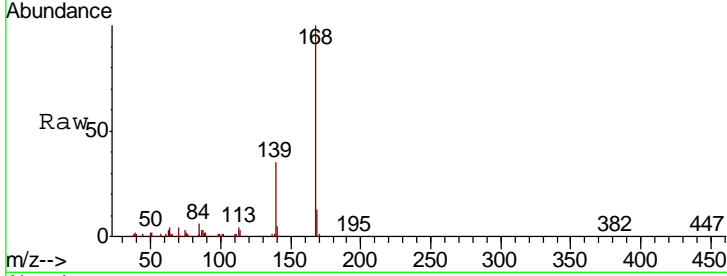
#55
 Dibenzofuran
 Concen: 5.790 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
168	163625		
139	35.2	32.2	48.2
169	13.0	12.2	18.2

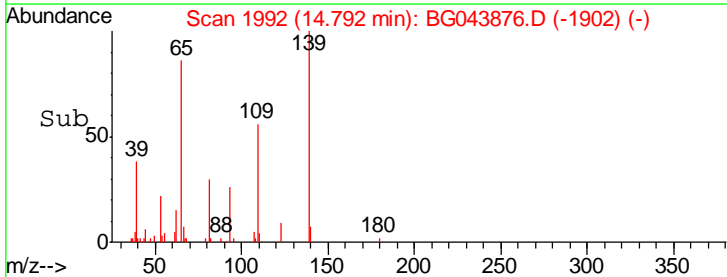
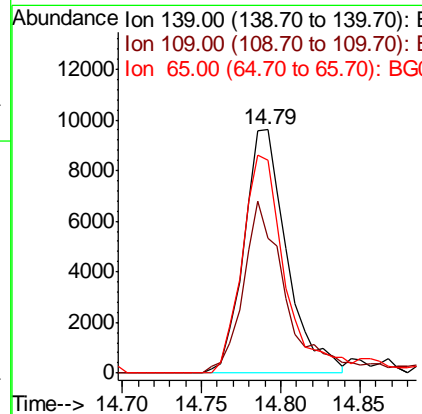
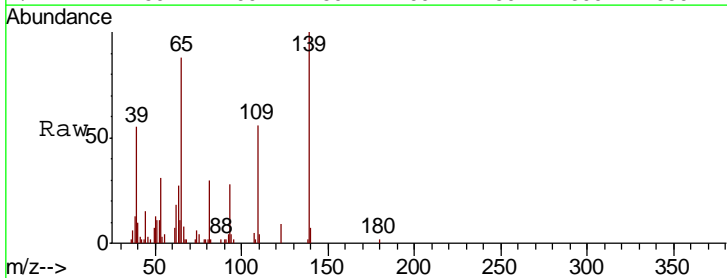
Manual Integrations
 APPROVED

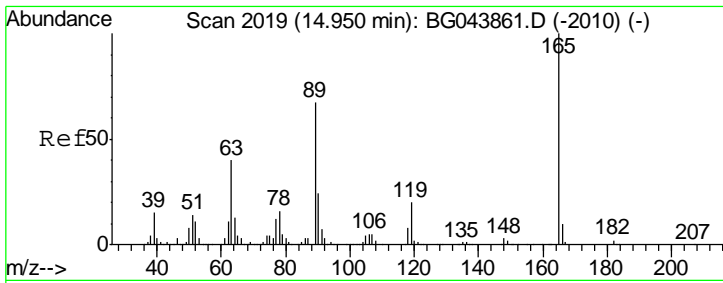
mohammad
 1/3/2020 11:05:13 AM



#56
 4-Nitrophenol
 Concen: 3.672 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
139	18028		
109	55.5	50.4	90.4
65	87.7	71.4	111.4



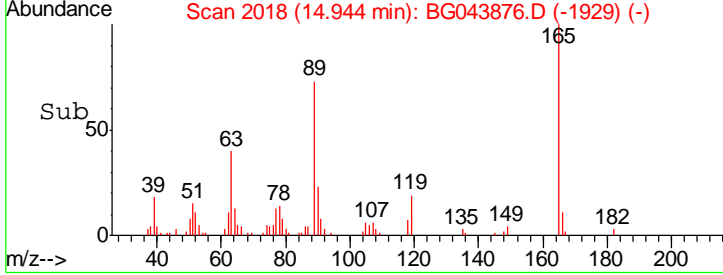
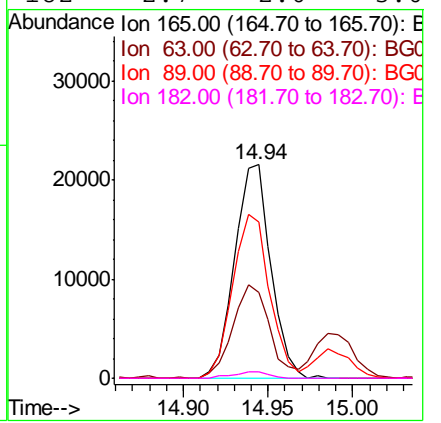
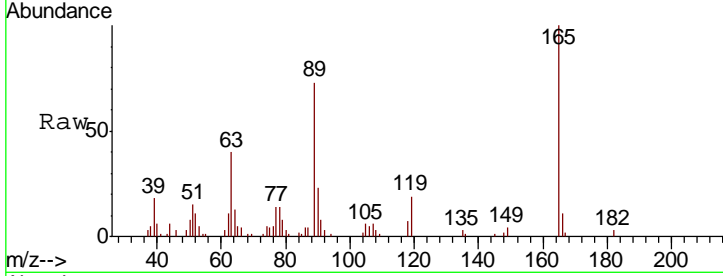


#57
 2,4-Dinitrotoluene
 Concen: 4.188 ng
 RT: 14.94 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

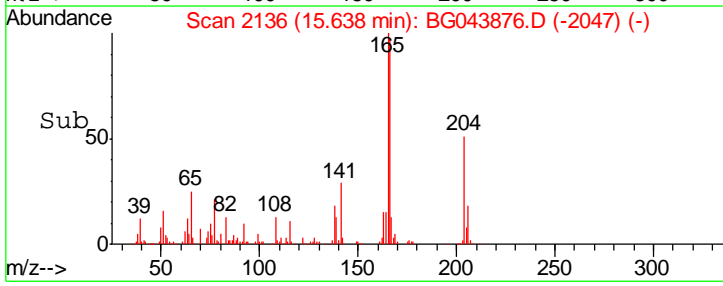
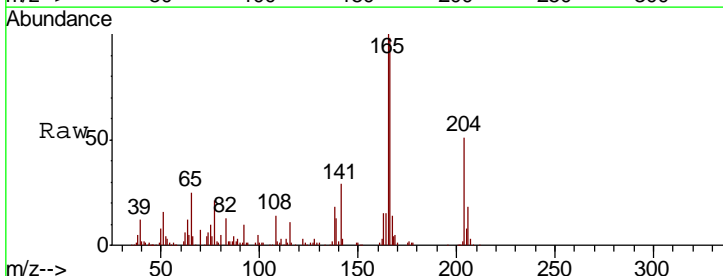
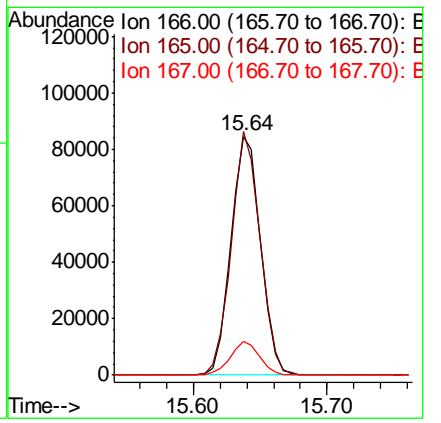
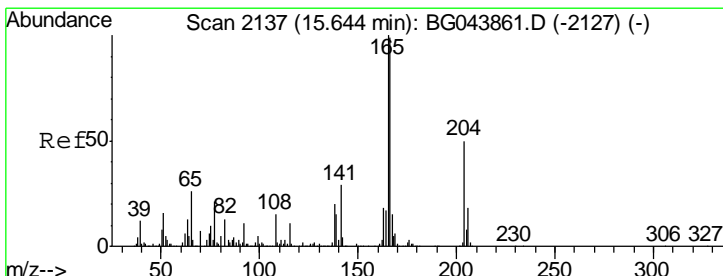
Tgt Ion	Resp	Lower	Upper
165	32148		
63	40.3	31.9	47.9
89	73.0	53.8	80.6
182	2.7	2.0	3.0

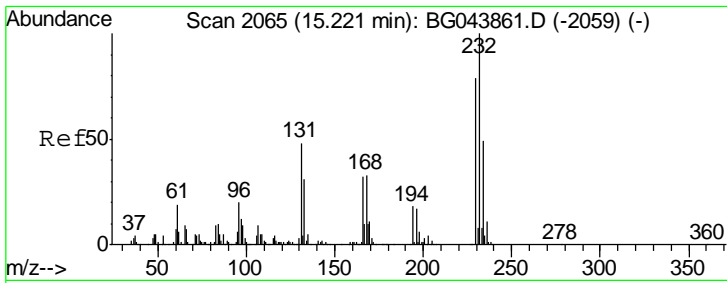
Manual Integrations
APPROVED
 mohammad
 1/3/2020 11:05:13 AM



#58
 Fluorene
 Concen: 5.834 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
166	130674		
165	101.9	80.8	121.2
167	14.0	12.1	18.1





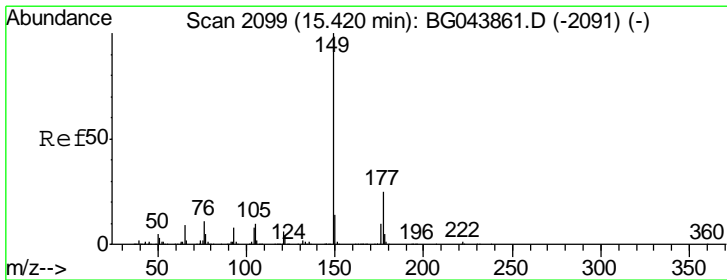
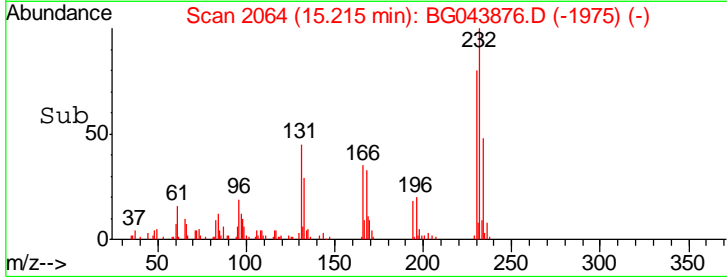
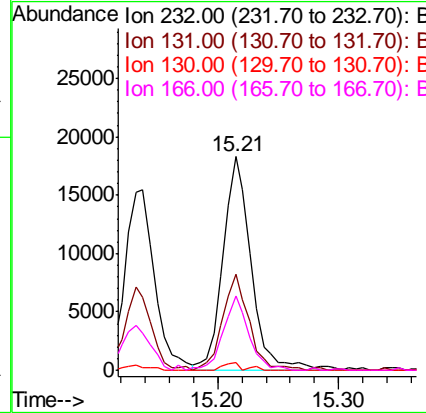
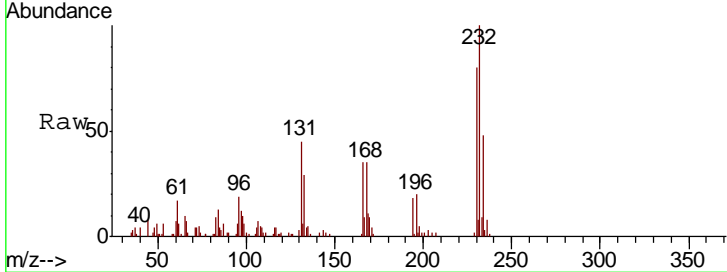
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.694 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
232	100		
131	42.0	38.2	57.2
130	2.5	2.2	3.2
166	31.4	26.4	39.6

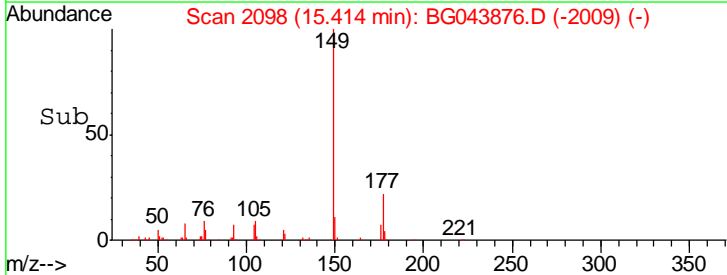
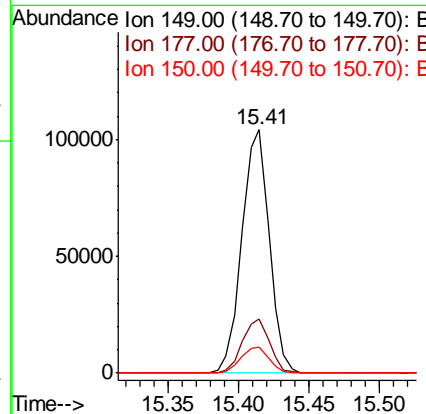
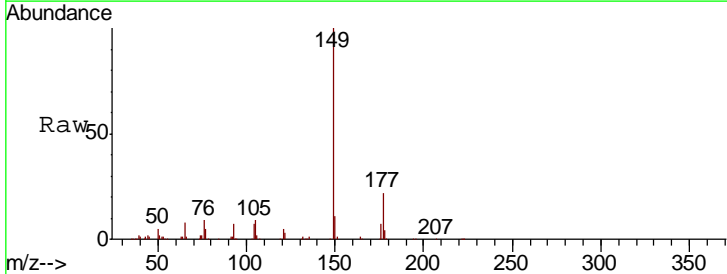
Manual Integrations
 APPROVED

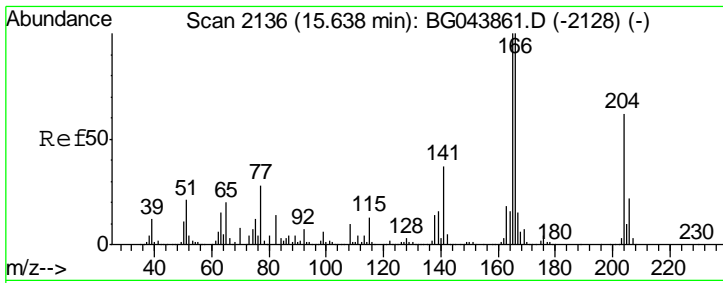
mohammad
 1/3/2020 11:05:13 AM



#60
 Diethylphthalate
 Concen: 5.658 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
149	100		
177	22.4	20.0	30.0
150	10.8	11.1	16.7#





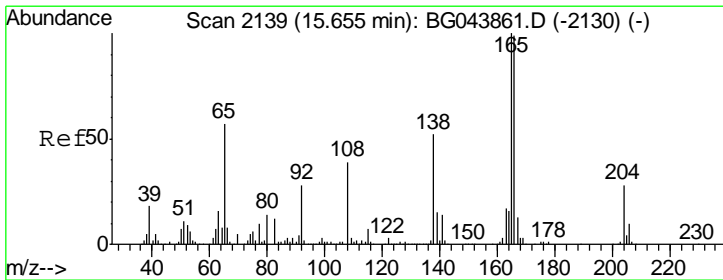
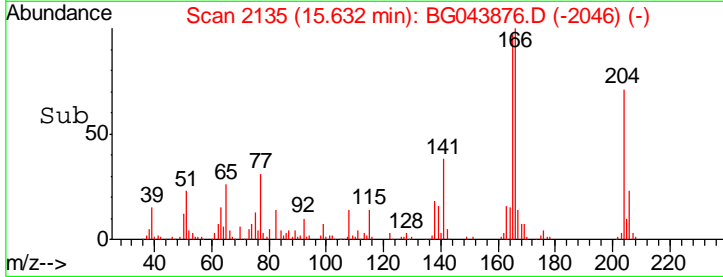
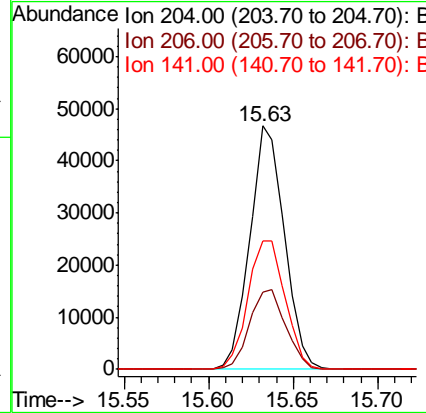
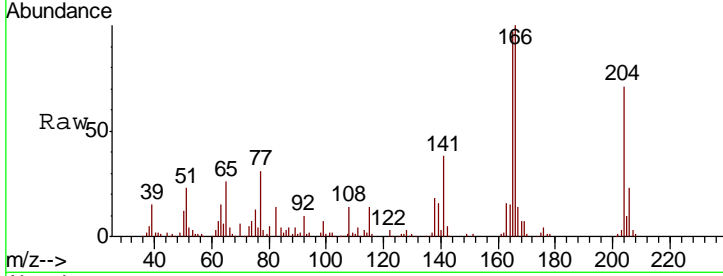
#61
 4-Chlorophenyl-phenylether
 Concen: 5.474 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument : BNA_G
 ClientSampled : LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
204	66580		
206	31.8	28.2	42.2
141	53.0	48.2	72.2

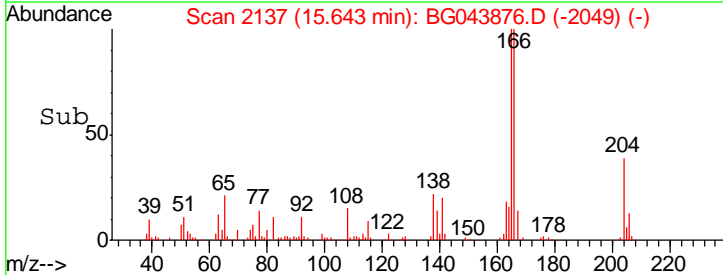
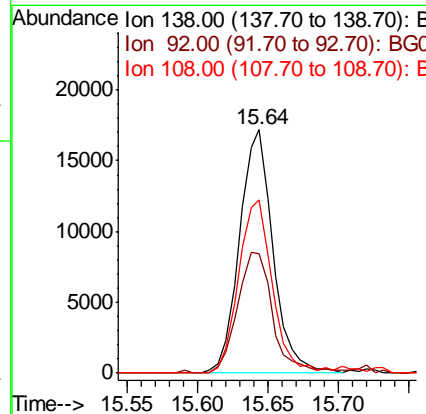
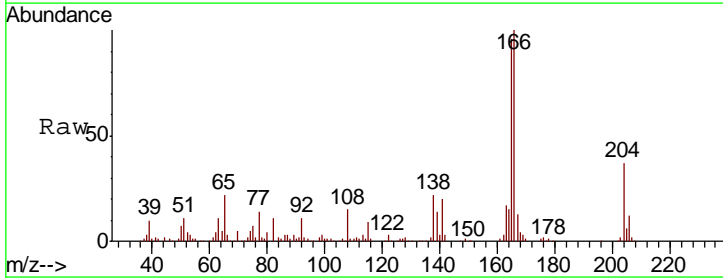
Manual Integrations
 APPROVED

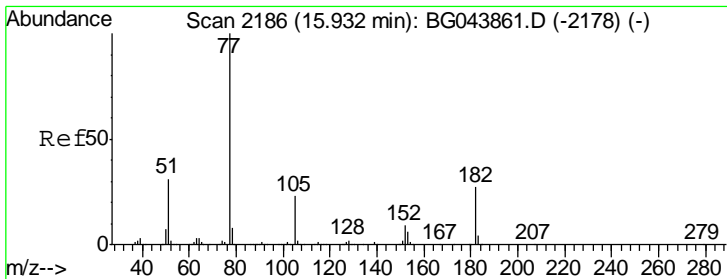
mohammad
 1/3/2020 11:05:13 AM



#62
 4-Nitroaniline
 Concen: 4.492 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
138	28421		
92	49.2	34.3	74.3
108	71.3	55.0	95.0





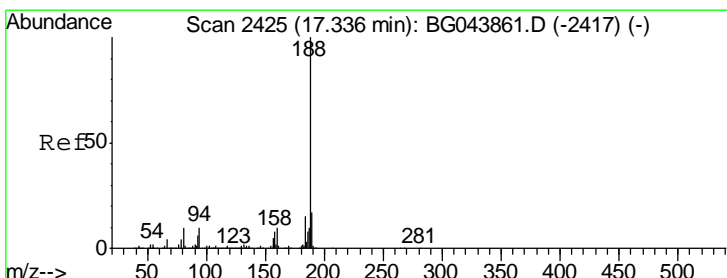
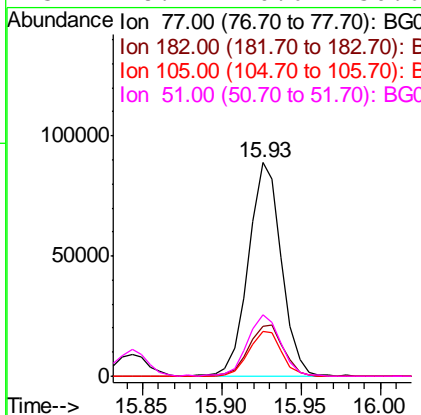
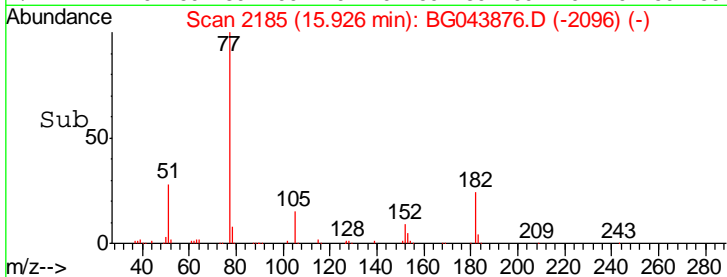
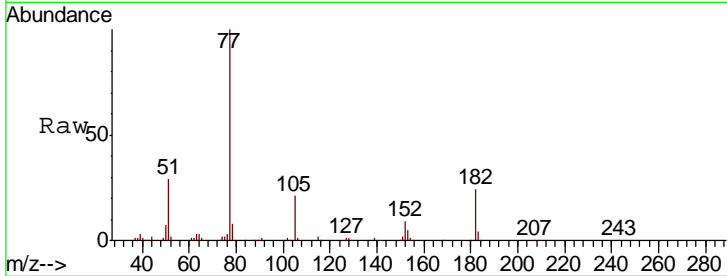
#63
 Azobenzene
 Concen: 5.562 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
77	100		
182	23.6	7.3	47.3
105	21.2	3.2	43.2
51	28.7	10.6	50.6

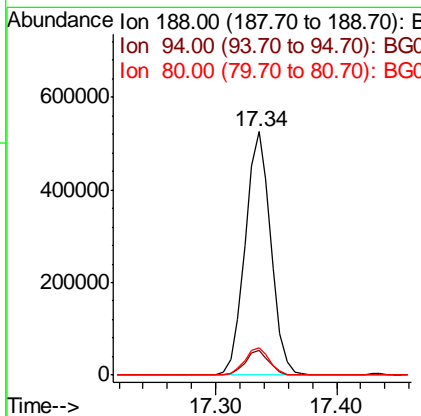
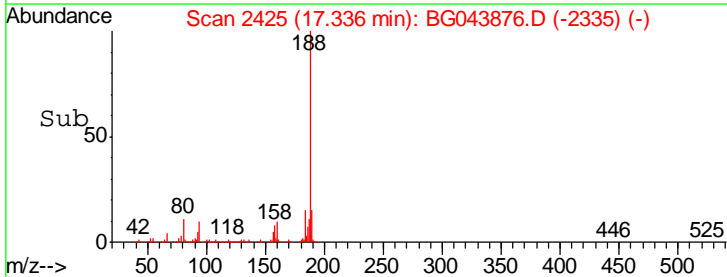
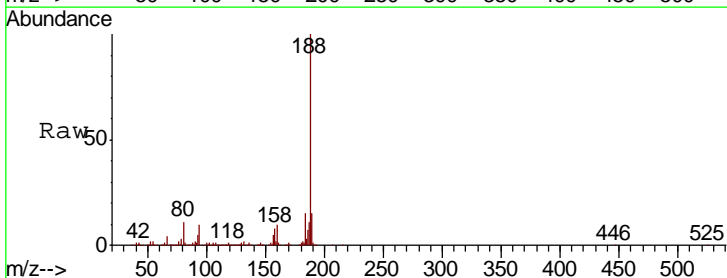
Manual Integrations
APPROVED

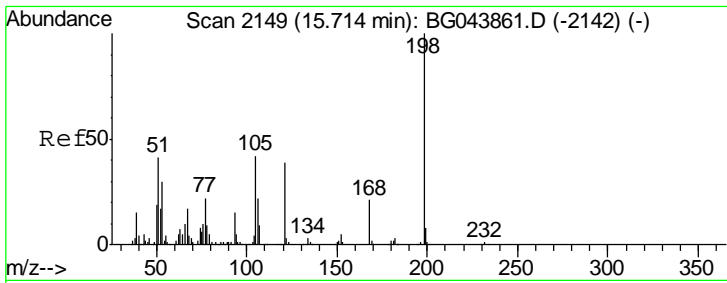
mohammad
 1/3/2020 11:05:13 AM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
188	100		
94	10.2	7.9	11.9
80	11.0	8.2	12.4





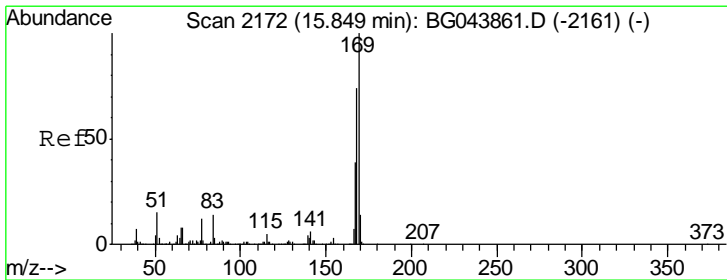
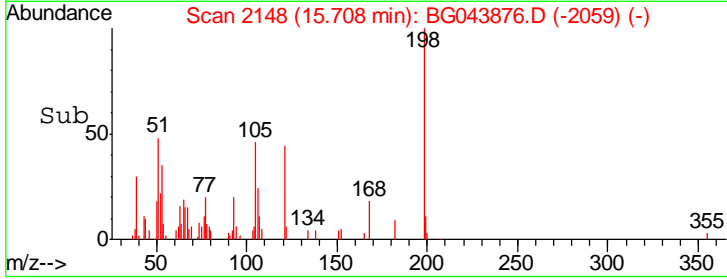
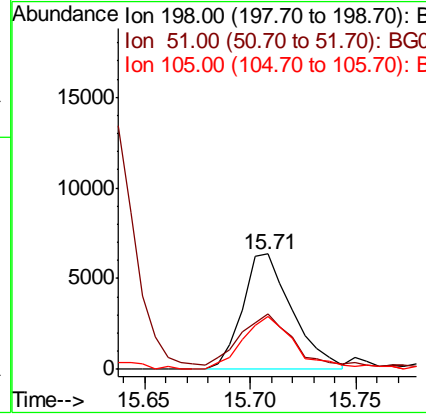
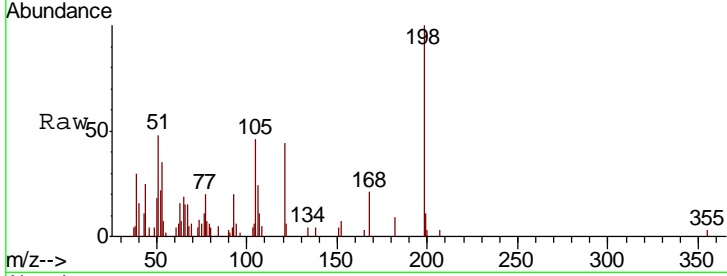
#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.740 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
198	10365		
51	48.1	22.5	62.5
105	45.8	22.3	62.3

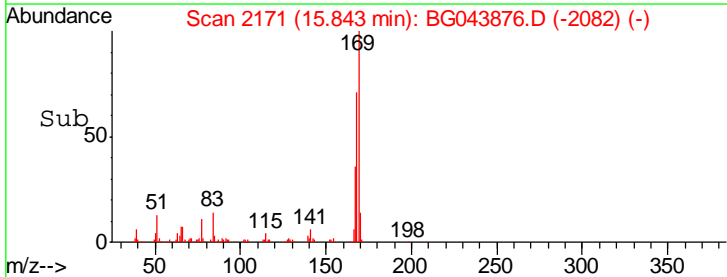
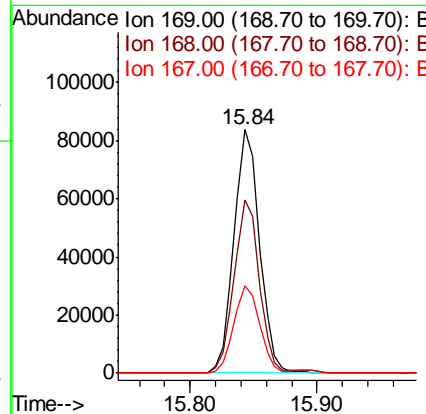
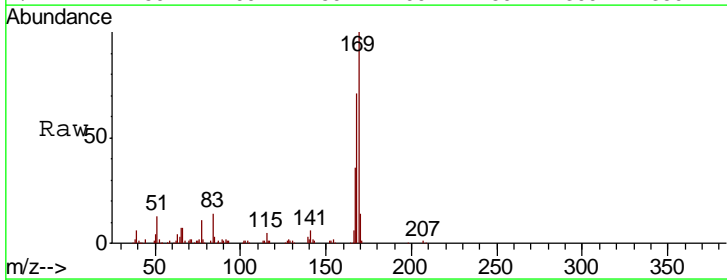
Manual Integrations
 APPROVED

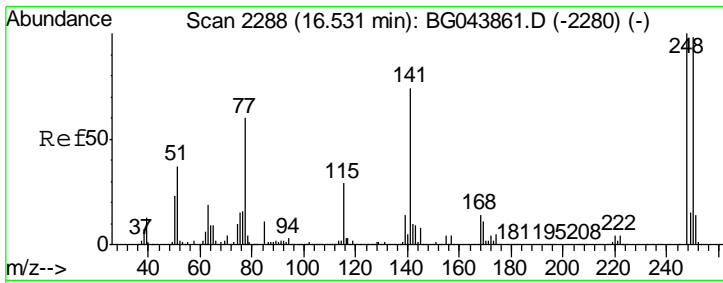
mohammad
 1/3/2020 11:05:13 AM



#66
 n-Nitrosodiphenylamine
 Concen: 5.073 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

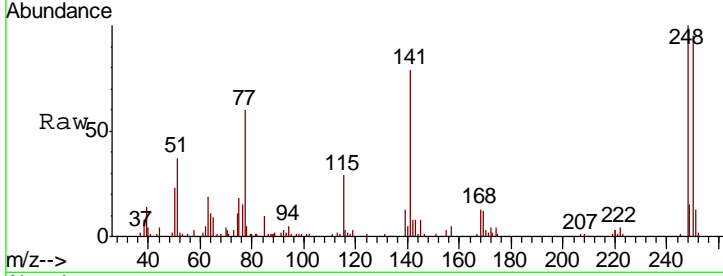
Tgt Ion	Resp	Lower	Upper
169	116190		
168	71.2	59.0	88.6
167	35.7	31.4	47.0





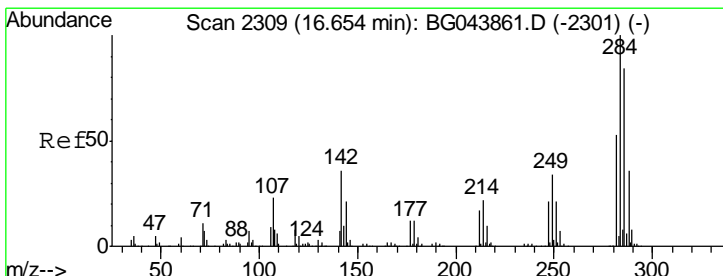
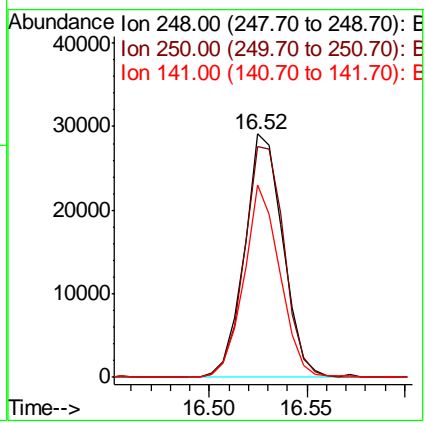
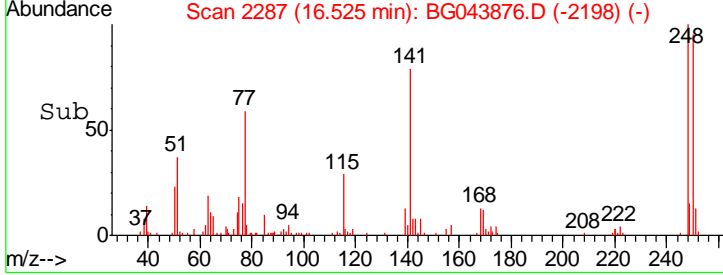
#67
 4-Bromophenyl-phenylether
 Concen: 4.540 ng
 RT: 16.52 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

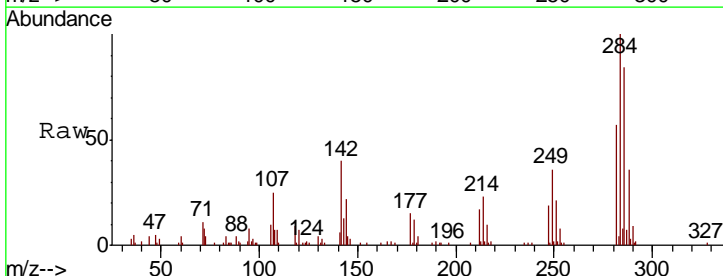


Tgt Ion	Resp	Lower	Upper
248	100		
250	94.6	78.2	117.2
141	78.8	59.3	88.9

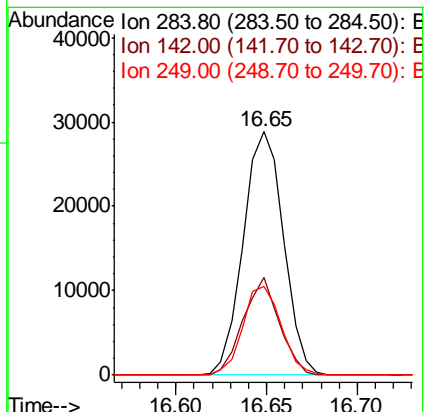
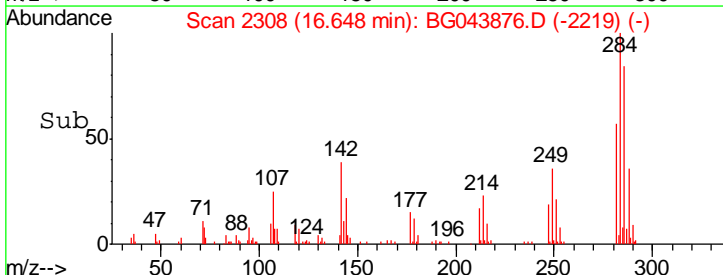
Manual Integrations
APPROVED
 mohammad
 1/3/2020 11:05:13 AM

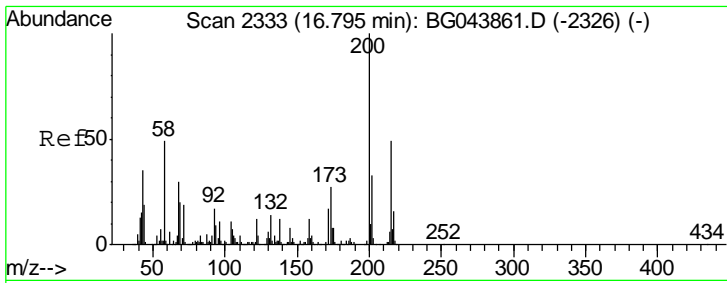


#68
 Hexachlorobenzene
 Concen: 4.720 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39



Tgt Ion	Resp	Lower	Upper
284	100		
142	40.0	28.6	43.0
249	36.5	27.0	40.6





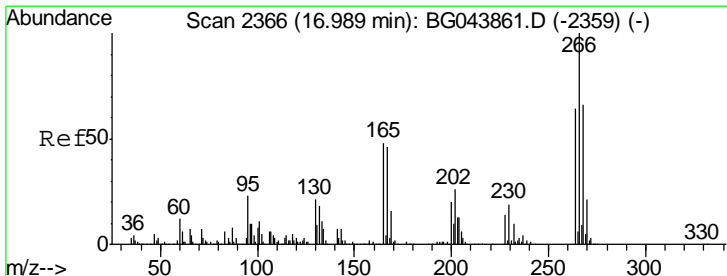
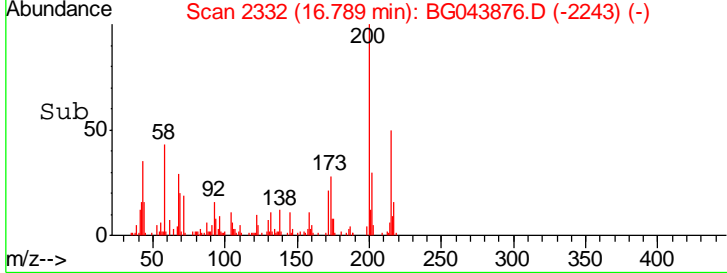
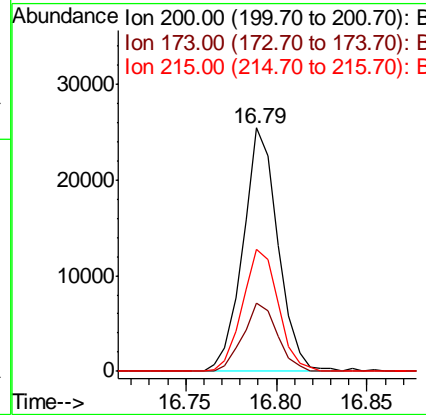
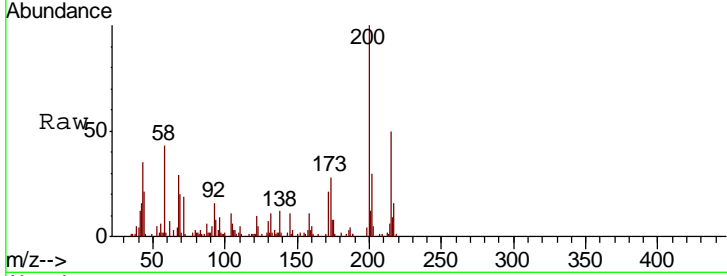
#69
 Atrazine
 Concen: 4.564 ng
 RT: 16.79 min Scan# 2332
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	6.6	46.6
215	50.1	28.6	68.6

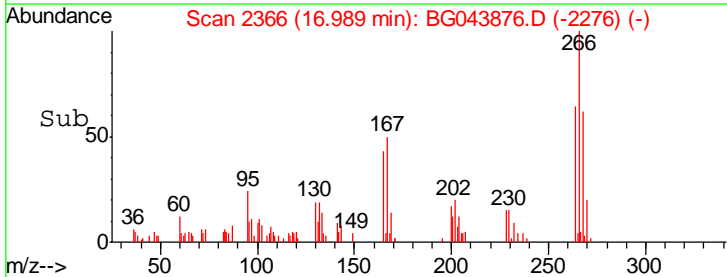
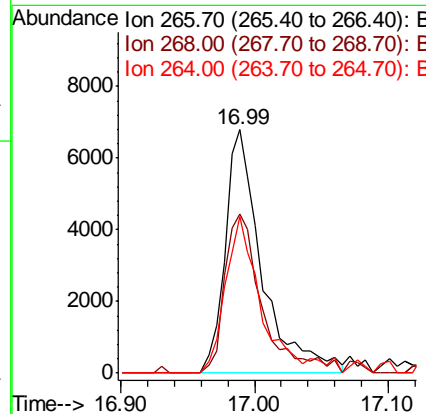
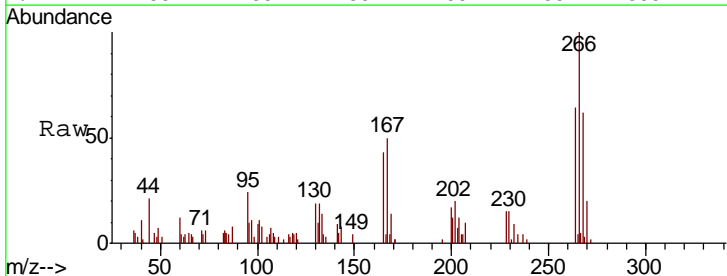
Manual Integrations
 APPROVED

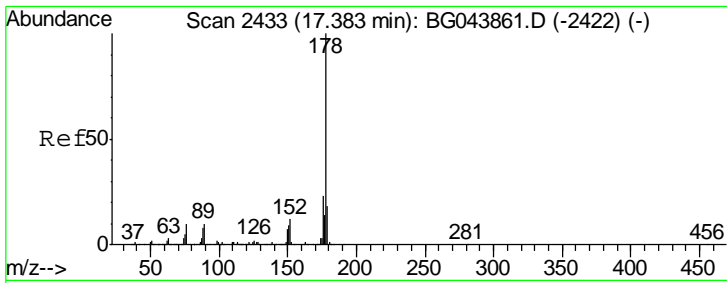
mohammad
 1/3/2020 11:05:13 AM



#70
 Pentachlorophenol
 Concen: 2.518 ng
 RT: 16.99 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.6	79.0
264	64.1	50.8	76.2





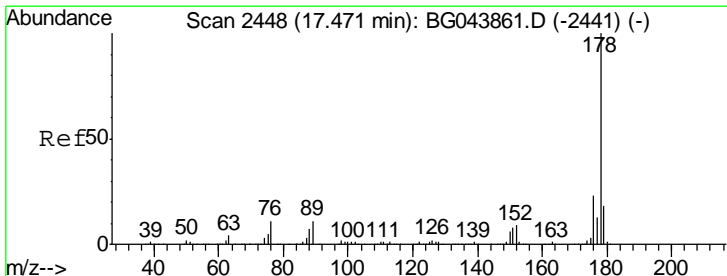
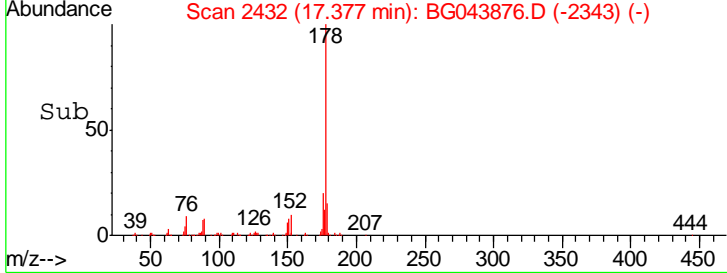
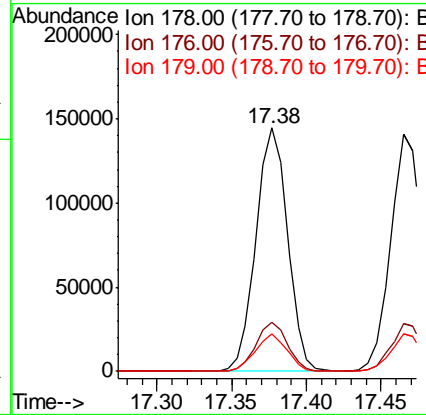
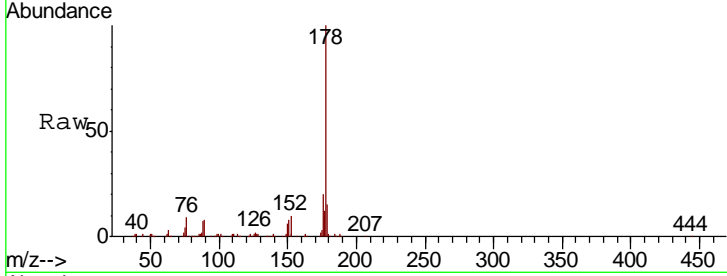
#71
 Phenanthrene
 Concen: 5.664 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
178	211324		
176	20.1	18.6	28.0
179	15.2	14.4	21.6

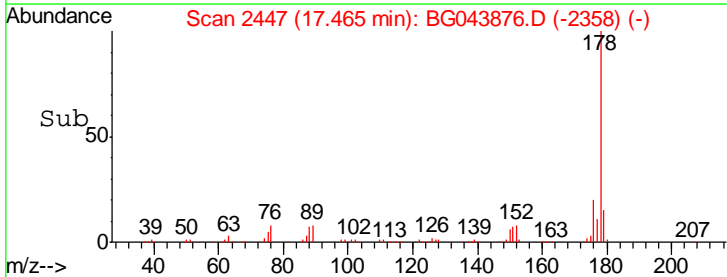
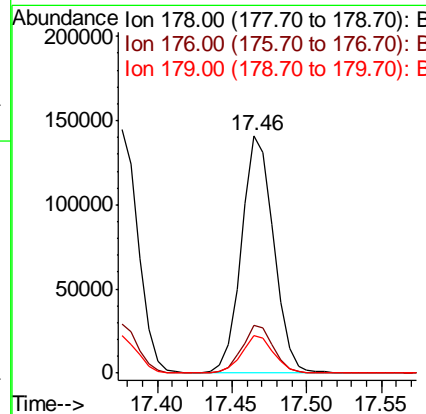
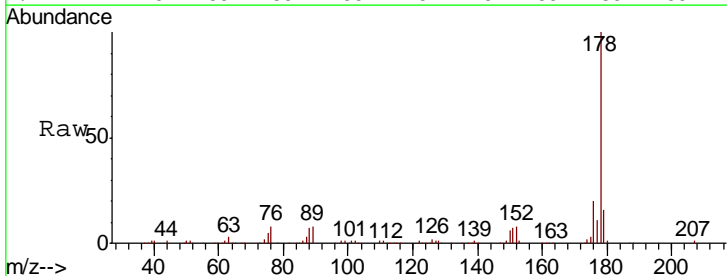
Manual Integrations
 APPROVED

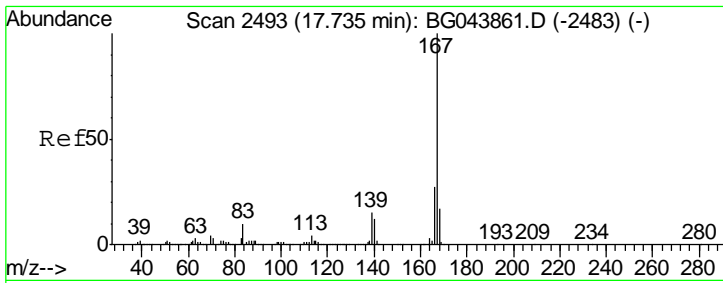
mohammad
 1/3/2020 11:05:13 AM



#72
 Anthracene
 Concen: 5.691 ng
 RT: 17.46 min Scan# 2447
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
178	209817		
176	19.9	18.3	27.5
179	15.6	14.6	22.0





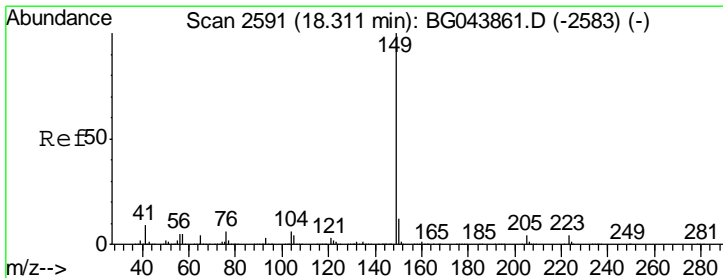
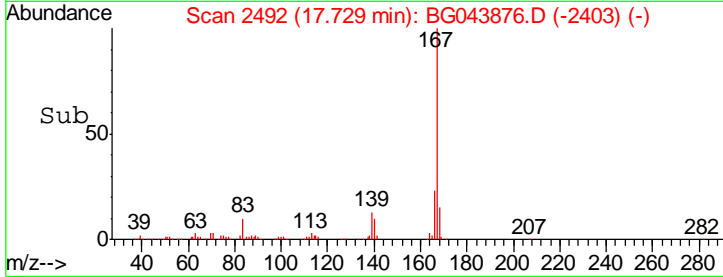
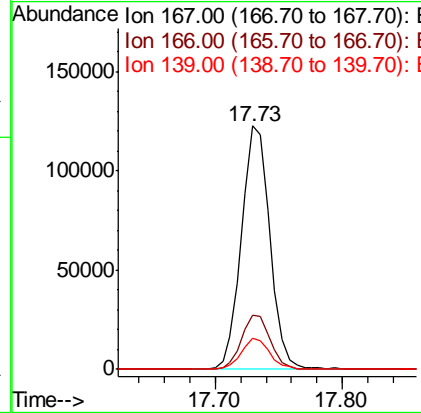
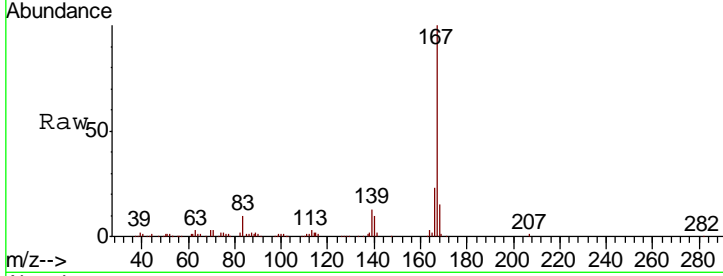
#73
 Carbazole
 Concen: 5.587 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	21.6	32.4
139	13.0	12.1	18.1

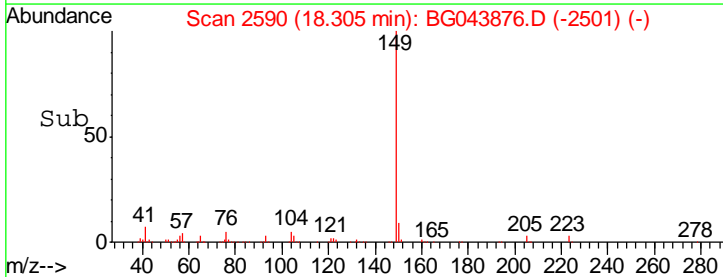
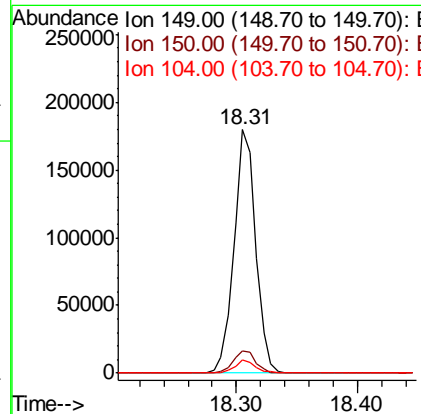
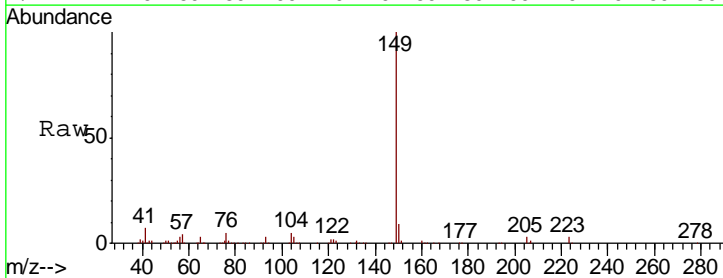
Manual Integrations
APPROVED

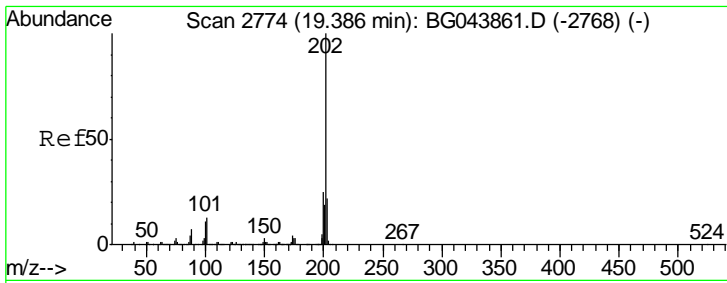
mohammad
 1/3/2020 11:05:13 AM



#74
 Di-n-butylphthalate
 Concen: 5.153 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	9.7	14.5#
104	5.4	5.0	7.4





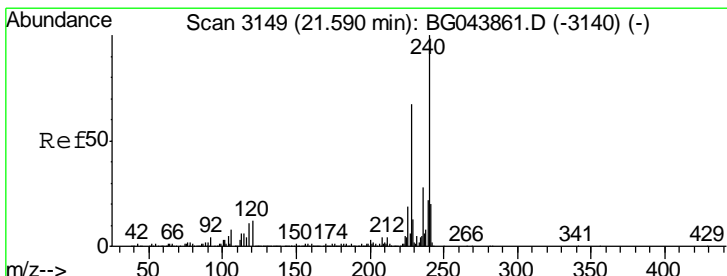
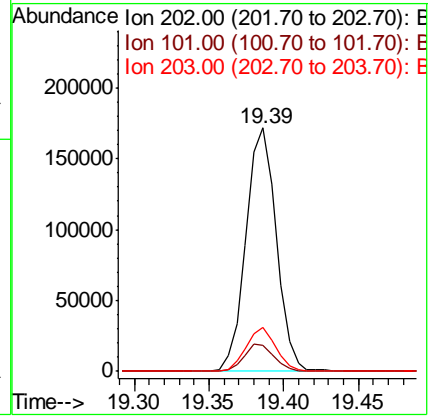
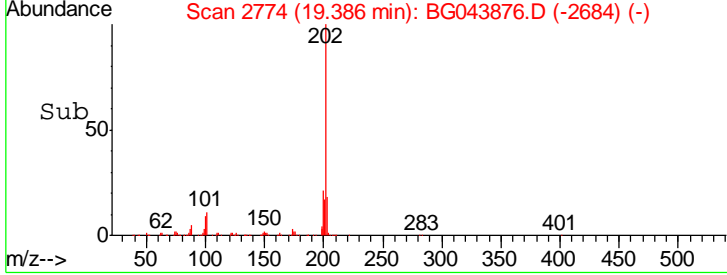
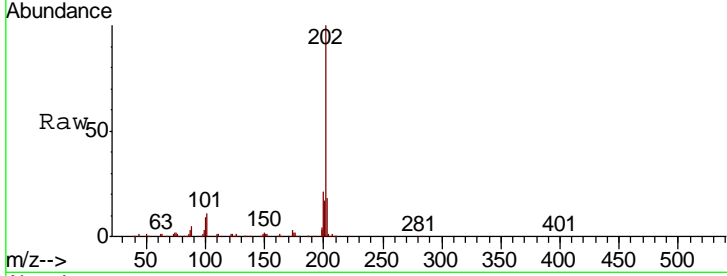
#75
 Fluoranthene
 Concen: 5.662 ng
 RT: 19.39 min Scan# 2774
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.3
203	18.3	1.6	41.6

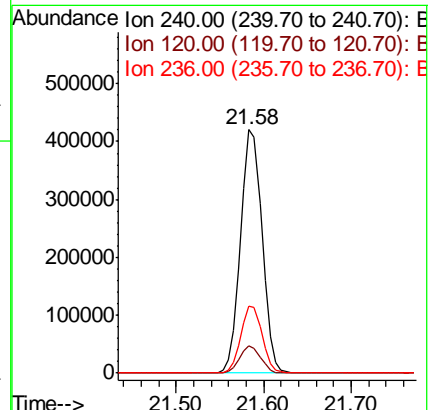
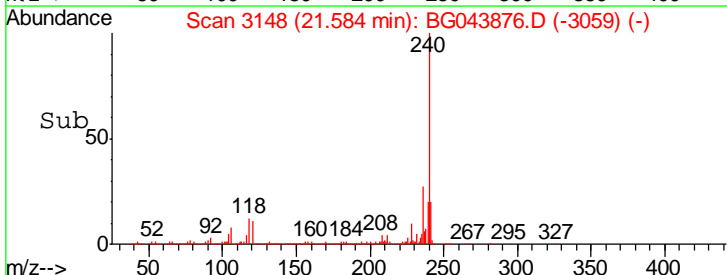
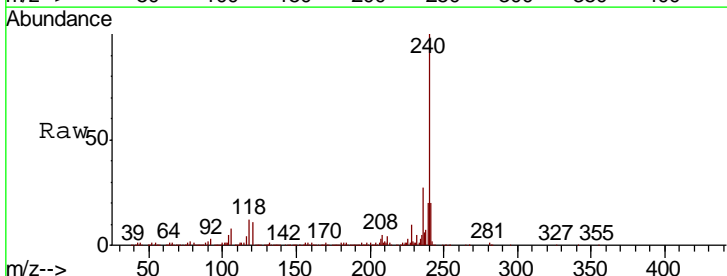
Manual Integrations
APPROVED

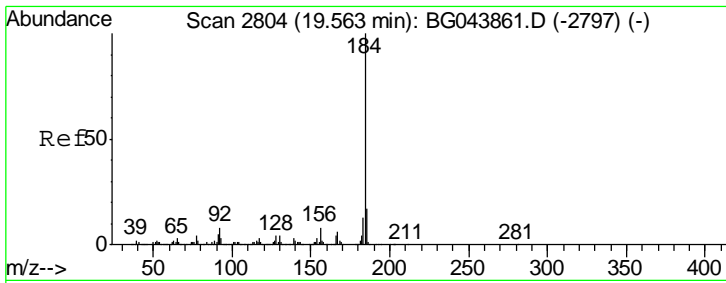
mohammad
 1/3/2020 11:05:13 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.6	14.4
236	27.5	22.2	33.2





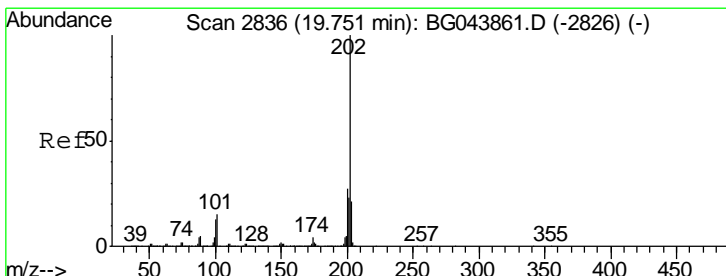
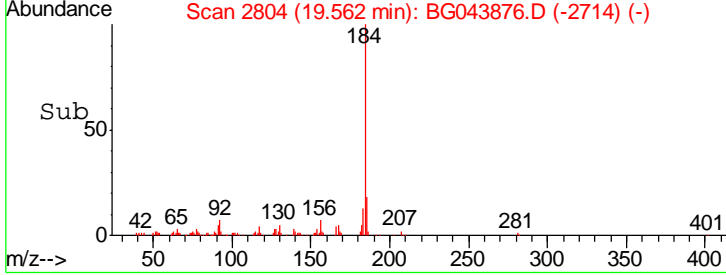
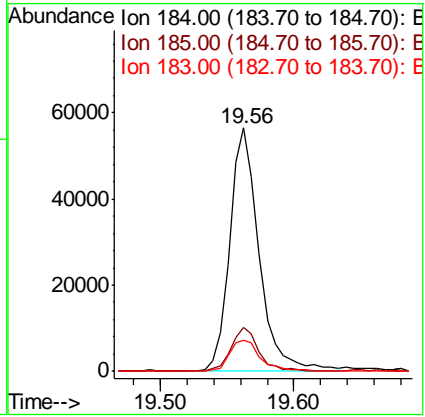
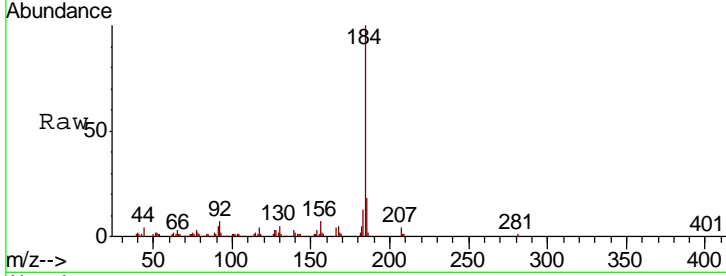
#77
Benzidine
Concen: 4.937 ng
RT: 19.56 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Instrument : BNA_G
Client Sampled : LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
184	100		
185	18.0	13.4	20.0
183	12.6	10.6	15.8

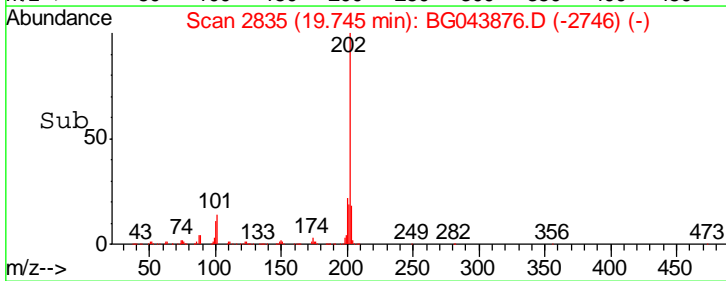
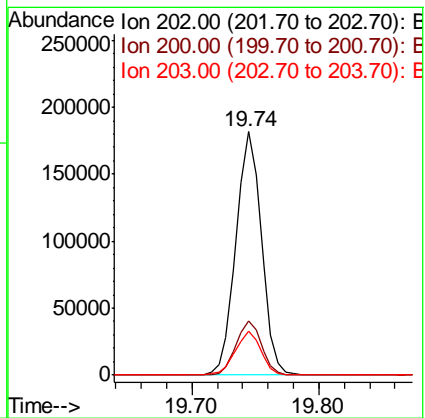
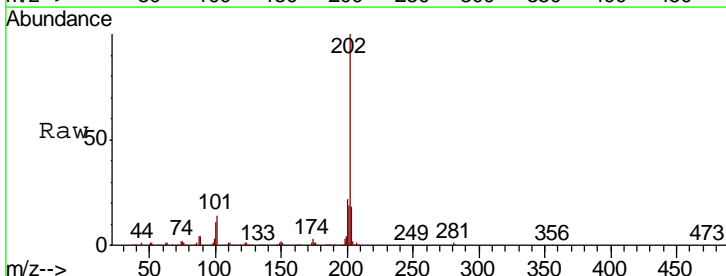
Manual Integrations
APPROVED

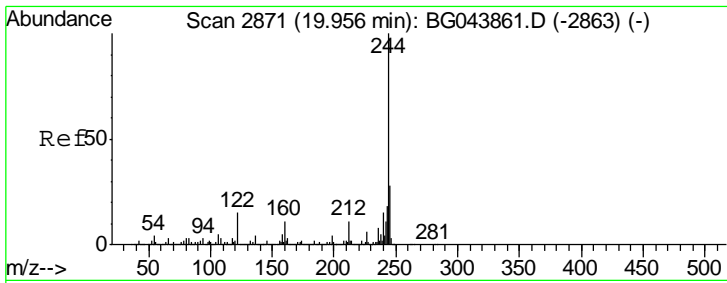
mohammad
1/3/2020 11:05:13 AM



#78
Pyrene
Concen: 5.558 ng
RT: 19.74 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
202	100		
200	22.0	21.7	32.5
203	18.2	17.0	25.6





#79
 Terphenyl-d14
 Concen: 97.482 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

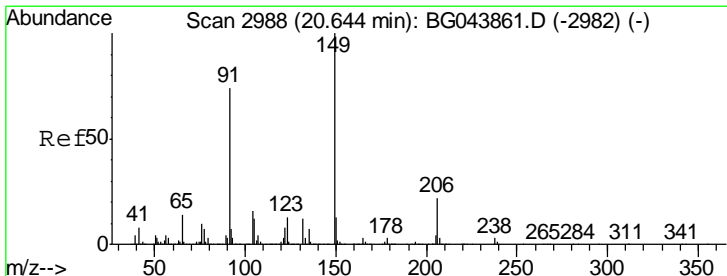
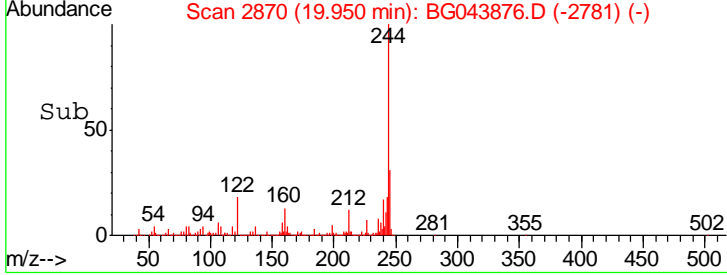
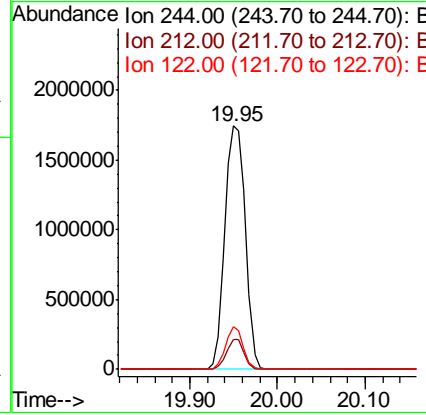
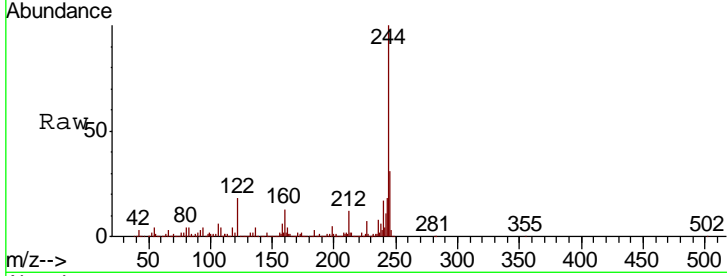
Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion:244 Resp: 2816537

Ion	Ratio	Lower	Upper
244	100		
212	12.1	8.6	13.0
122	17.6	11.9	17.9

Manual Integrations
APPROVED

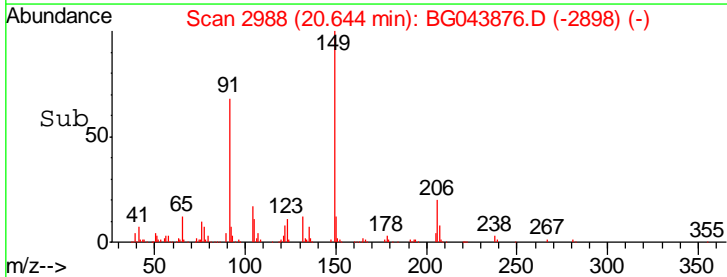
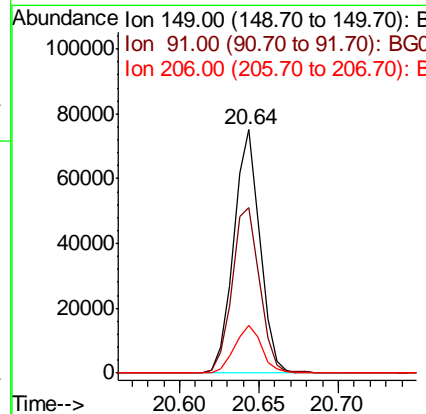
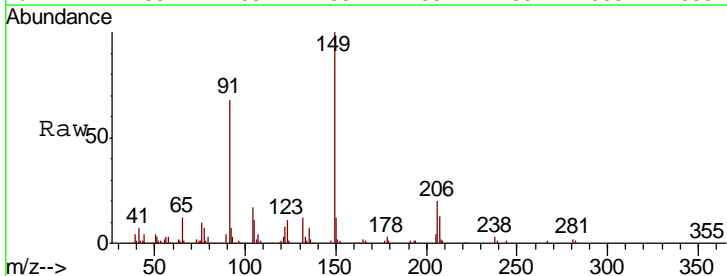
mohammad
 1/3/2020 11:05:13 AM

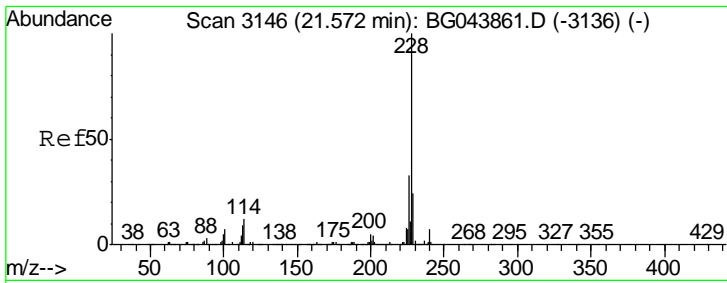


#80
 Butylbenzylphthalate
 Concen: 3.971 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion:149 Resp: 86087

Ion	Ratio	Lower	Upper
149	100		
91	68.1	59.5	89.3
206	19.5	17.8	26.6





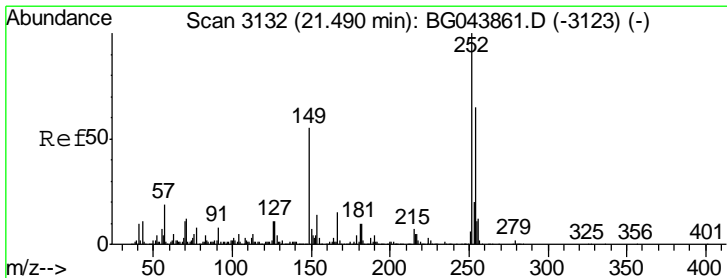
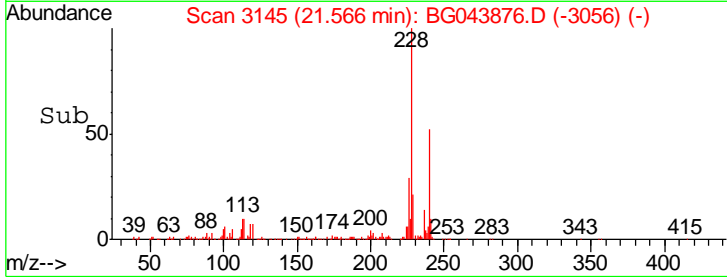
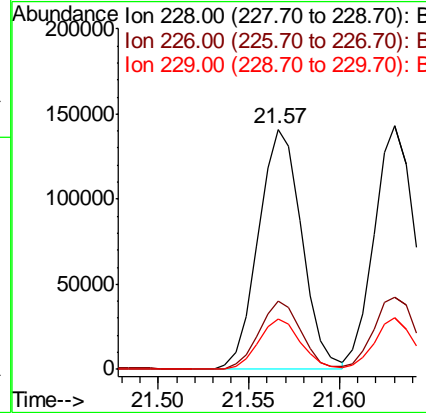
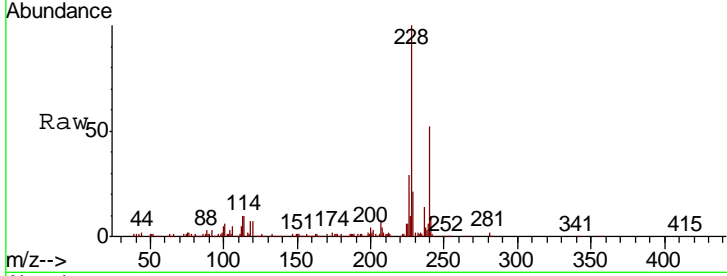
#81
 Benzo(a)anthracene
 Concen: 5.423 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument : BNA_G
 ClientSampled : LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
228	100		
226	28.7	26.2	39.4
229	21.2	18.9	28.3

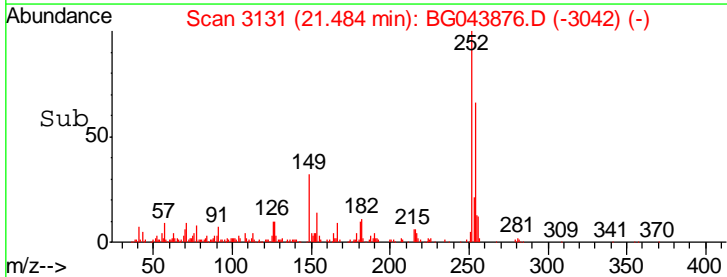
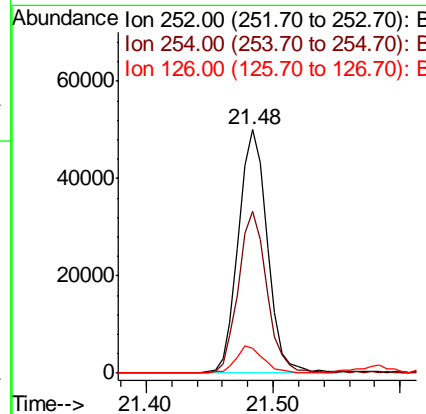
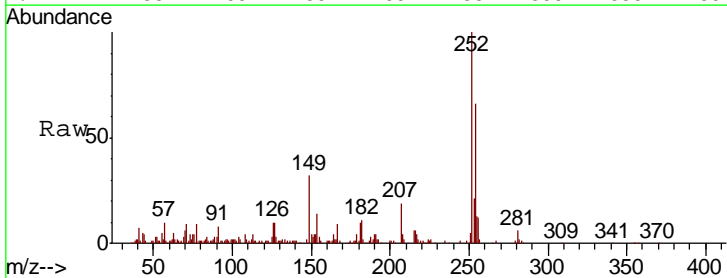
Manual Integrations
 APPROVED

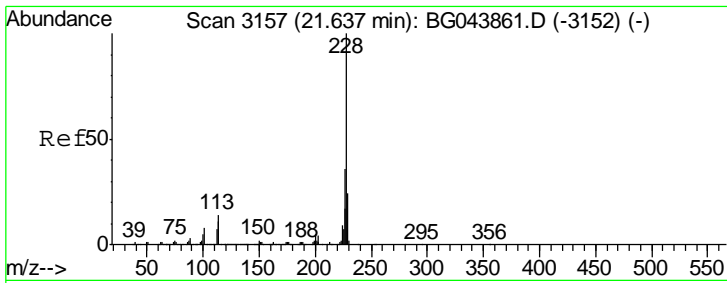
mohammad
 1/3/2020 11:05:13 AM



#82
 3,3'-Dichlorobenzidine
 Concen: 4.623 ng
 RT: 21.48 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
252	100		
254	66.4	52.1	78.1
126	10.0	9.1	13.7





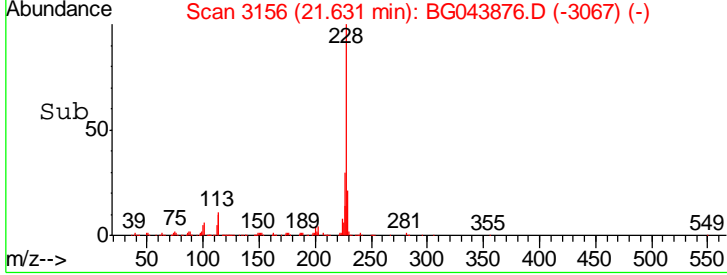
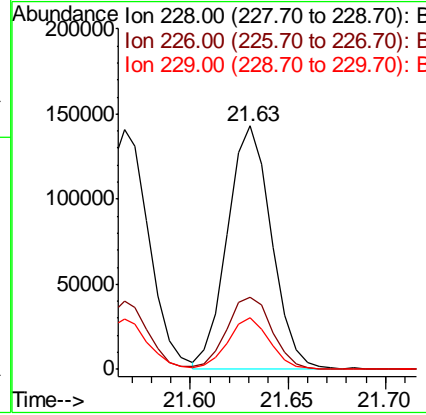
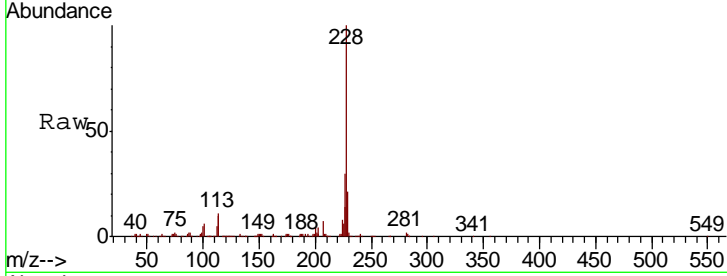
#83
 Chrysene
 Concen: 5.411 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
228	100		
226	29.7	28.8	43.2
229	21.2	19.0	28.6

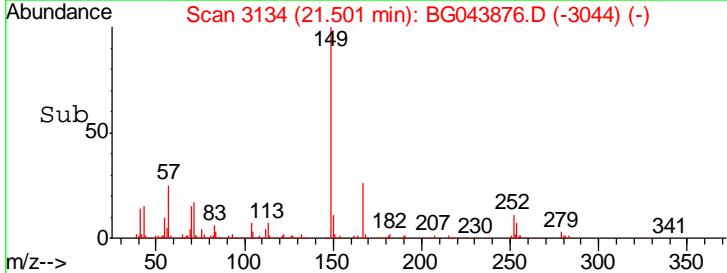
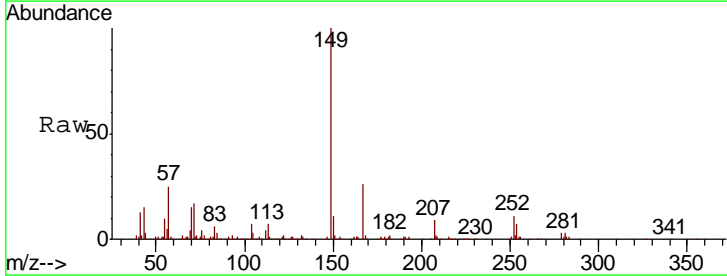
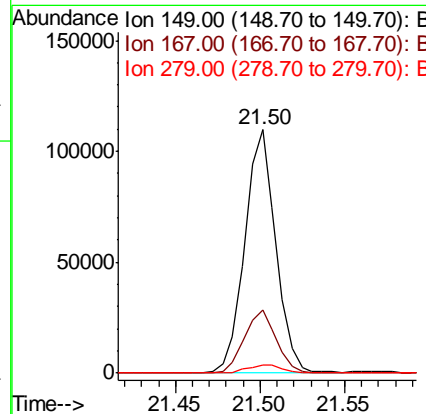
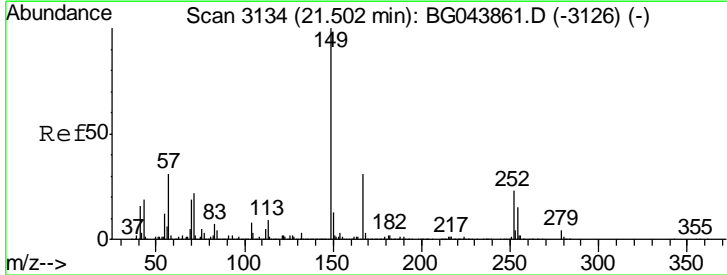
Manual Integrations
 APPROVED

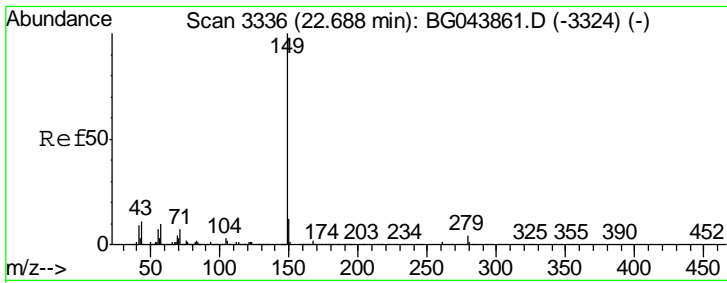
mohammad
 1/3/2020 11:05:13 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.649 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
149	100		
167	26.0	24.7	37.1
279	3.1	3.3	4.9#





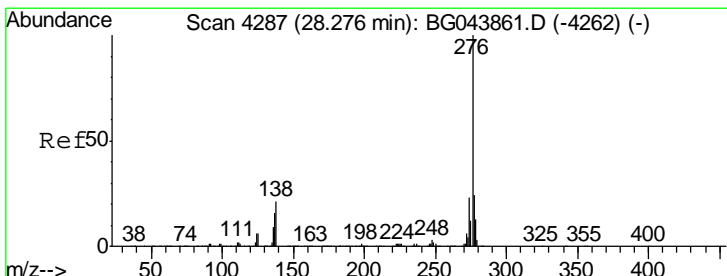
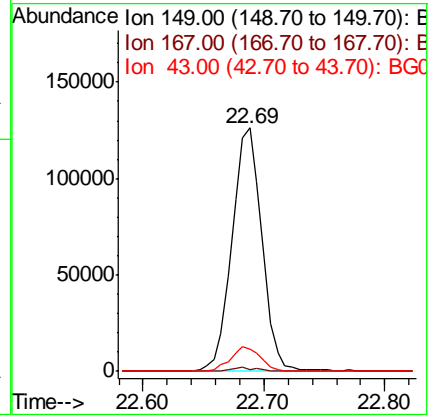
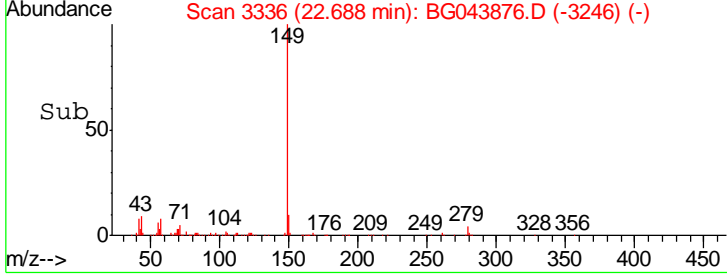
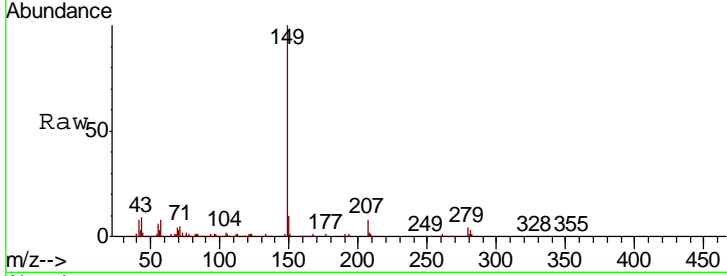
#85
 Di-n-octyl phthalate
 Concen: 4.293 ng
 RT: 22.69 min Scan# 3336
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
149	100		
167	1.4	1.4	2.0
43	10.5	8.8	13.2

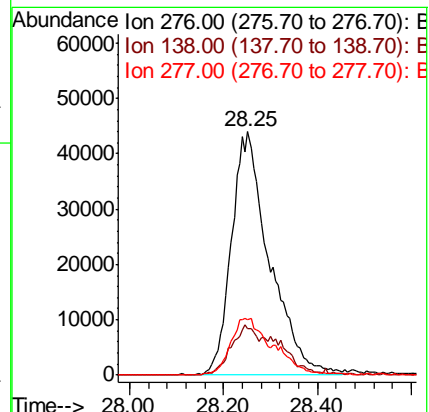
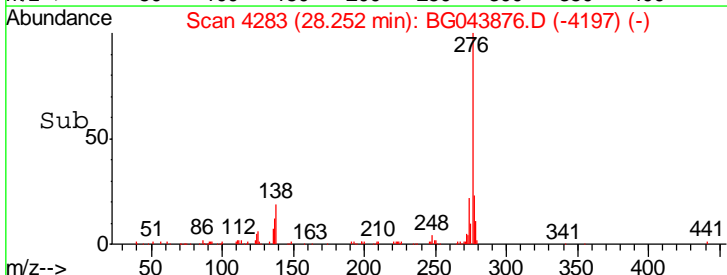
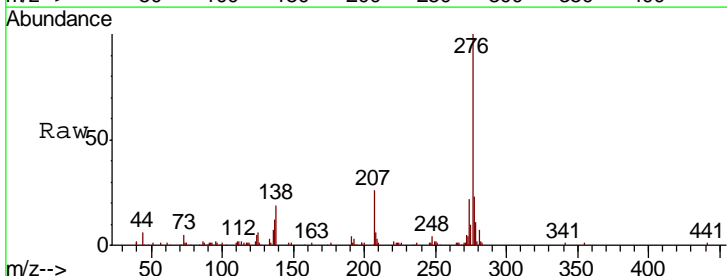
Manual Integrations
 APPROVED

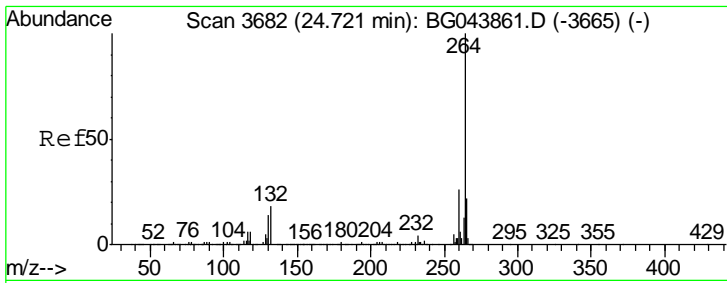
mohammad
 1/3/2020 11:05:13 AM



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.420 ng
 RT: 28.25 min Scan# 4283
 Delta R.T. -0.02 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
276	100		
138	13.5	21.0	31.4#
277	19.5	21.1	31.7#





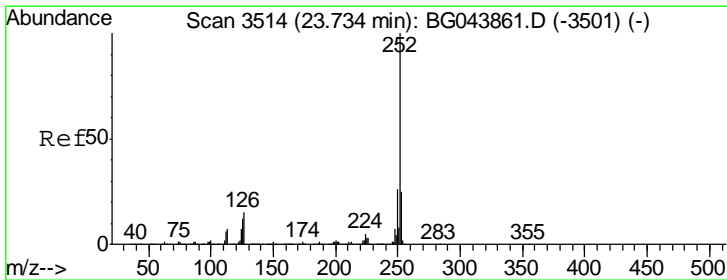
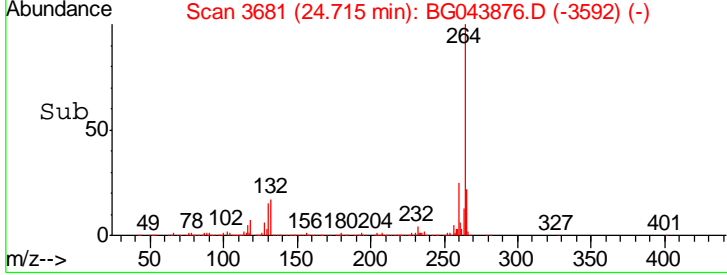
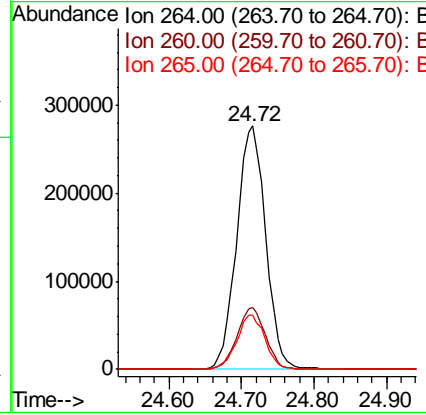
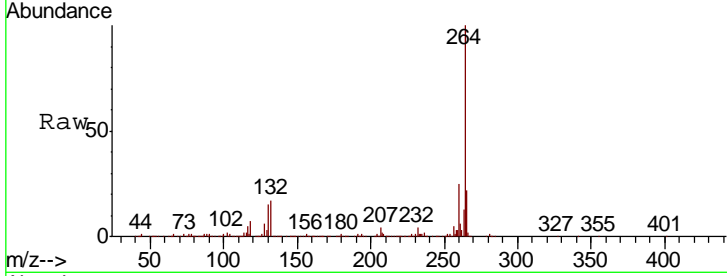
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.72 min Scan# 3681
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	22.2	17.4	26.2

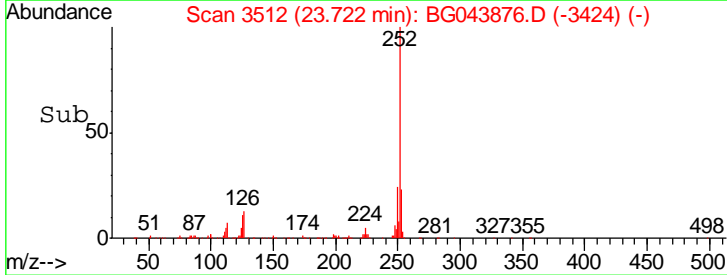
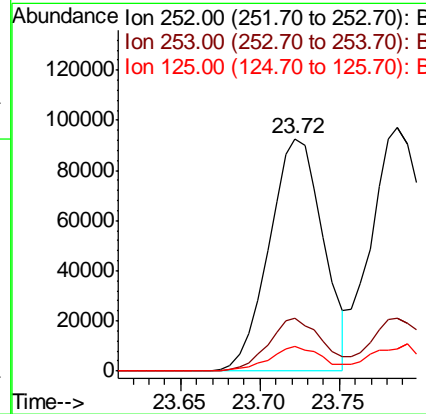
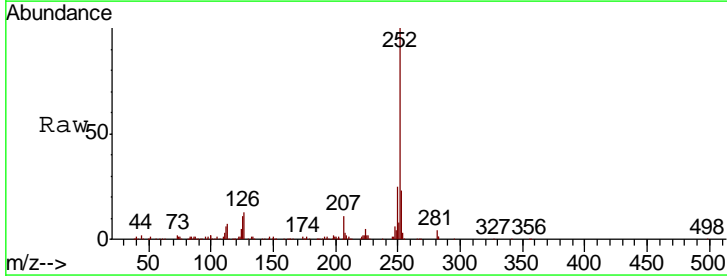
Manual Integrations
APPROVED

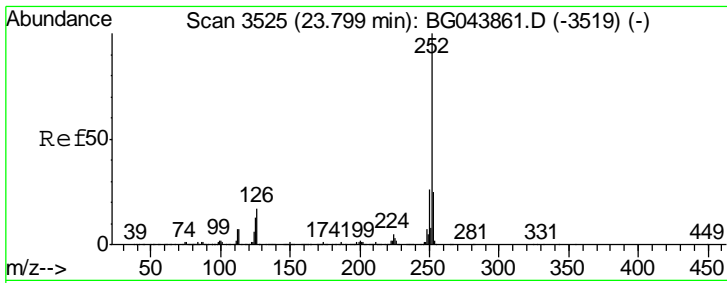
mohammad
 1/3/2020 11:05:13 AM



#88
 Benzo(b)fluoranthene
 Concen: 4.847 ng
 RT: 23.72 min Scan# 3512
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.9	19.7	29.5
125	10.6	9.4	14.2



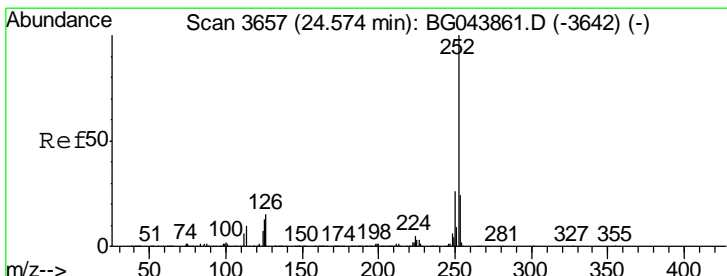
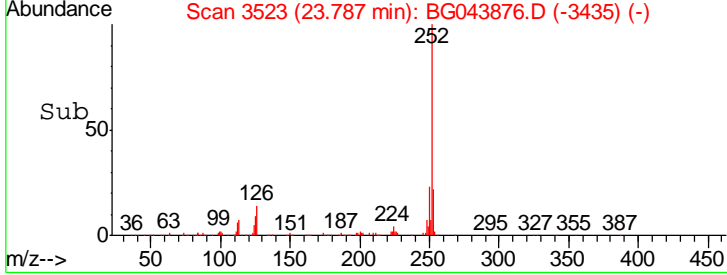
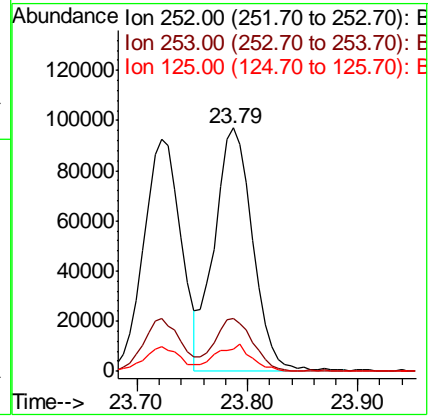
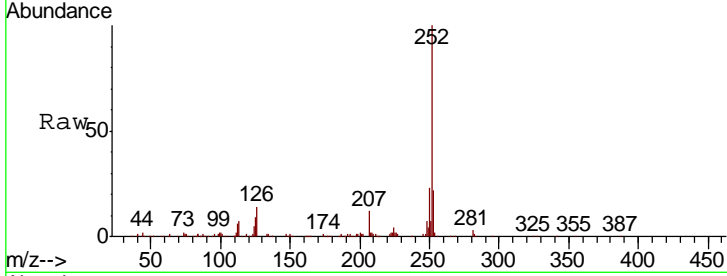


#89
 Benzo(k)fluoranthene
 Concen: 5.457 ng m
 RT: 23.79 min Scan# 3523
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

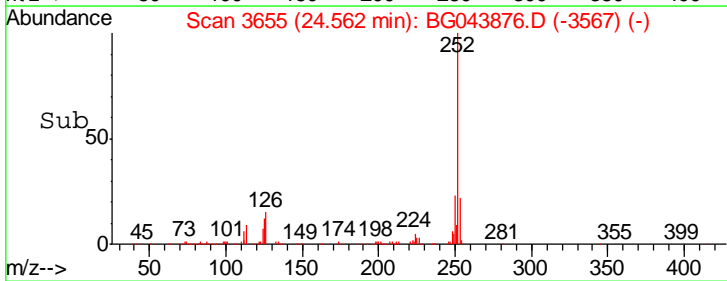
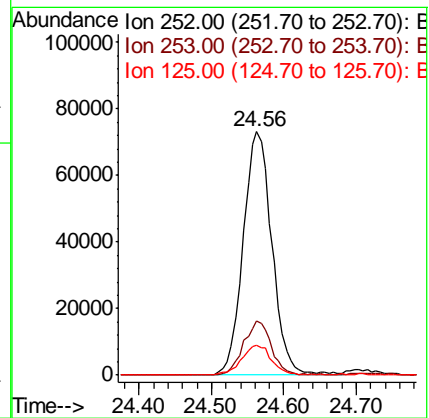
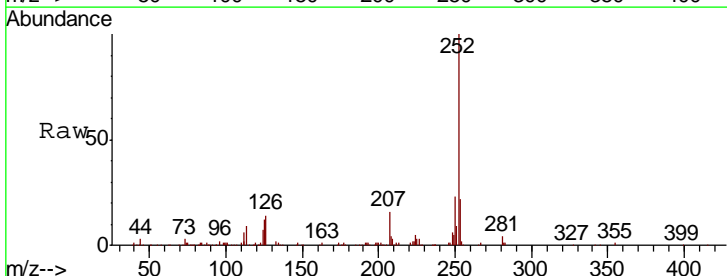
Tgt Ion	Resp	Lower	Upper
252	100		
253	21.5	19.4	29.2
125	9.0	9.9	14.9

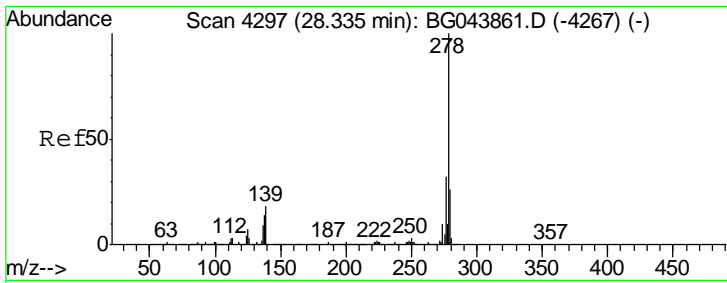
Manual Integrations
APPROVED
 mohammad
 1/3/2020 11:05:13 AM



#90
 Benzo(a)pyrene
 Concen: 4.718 ng
 RT: 24.56 min Scan# 3655
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.2	19.3	28.9
125	12.2	10.4	15.6



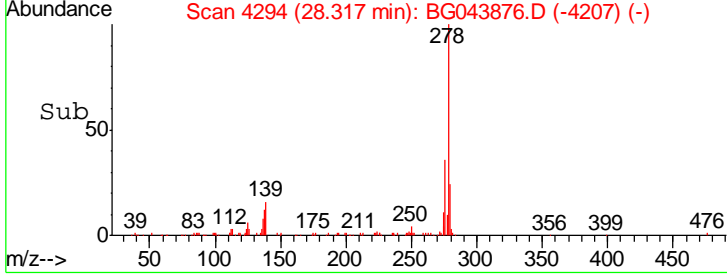
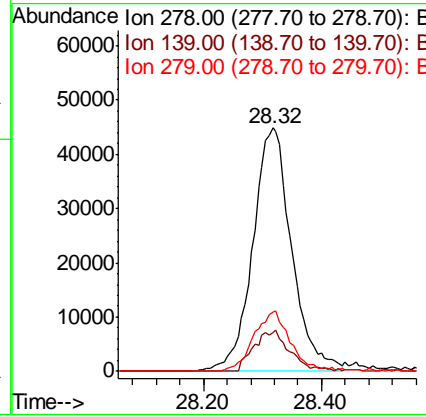
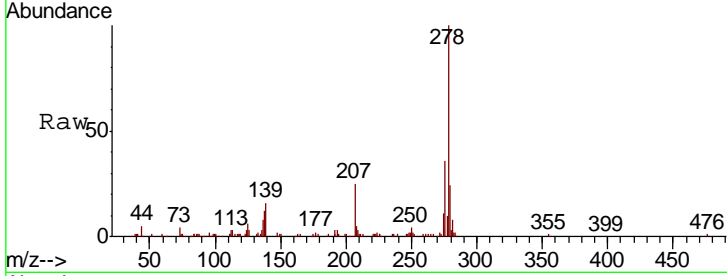


#91
 Dibenzo(a,h)anthracene
 Concen: 4.765 ng
 RT: 28.32 min Scan# 4294
 Delta R.T. -0.02 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
ClientSampled :
 LOD-MDL-WATER-01-QT4-2019

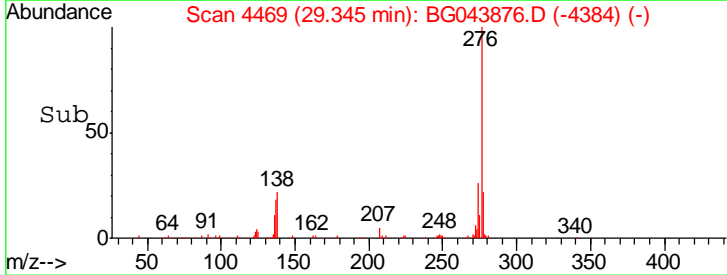
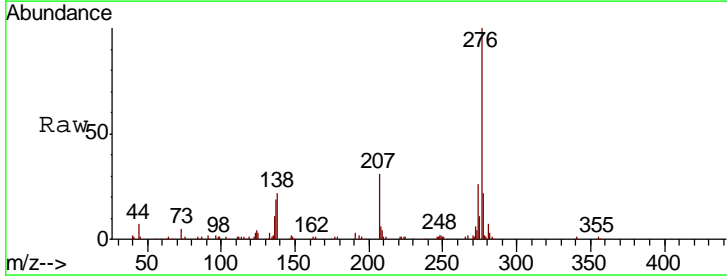
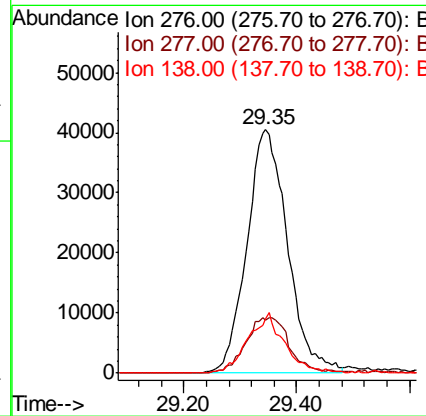
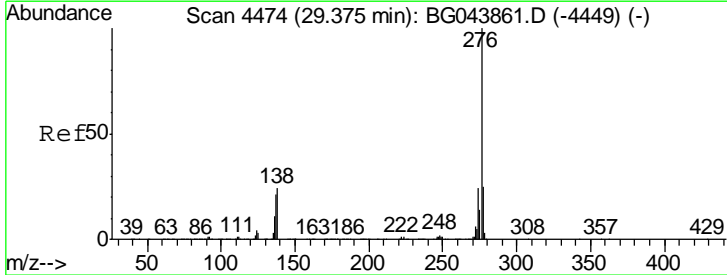
Tgt Ion	Resp	Lower	Upper
278	100		
139	16.1	14.2	21.4
279	24.2	20.6	30.8

Manual Integrations
APPROVED
 mohammad
 1/3/2020 11:05:13 AM



#92
 Benzo(g,h,i)perylene
 Concen: 4.755 ng
 RT: 29.35 min Scan# 4469
 Delta R.T. -0.03 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Resp	Lower	Upper
276	100		
277	21.9	20.2	30.4
138	22.4	19.0	28.6



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043876.D
 Acq On : 2 Jan 2020 15:39
 Operator : JU
 Sample : K5111-07
 Misc : LOD-MDL WATER 5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Manual Integrations
 APPROVED

mohammad
 1/3/2020 11:05:13 AM

Quant Time: Jan 02 16:36:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 16:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	115672	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	522386	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	351553	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	777812	20.00	ng	0.00
76) Chrysene-d12	21.58	240	697518	20.00	ng	0.00
87) Perylene-d12	24.72	264	766925	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	910037	144.45	ng	0.00
7) Phenol-d6	7.12	99	1264310	143.57	ng	0.00
23) Nitrobenzene-d5	9.12	82	963974	98.72	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	550549	149.65	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2083974	107.40	ng	0.00
79) Terphenyl-d14	19.95	244	2816537	97.48	ng	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	14607	5.318	ng	93
3) Pyridine	3.84	79	37151	4.578	ng	# 90
4) n-Nitrosodimethylamine	3.75	42	16533	4.576	ng	# 94
6) Aniline	7.28	93	59981	5.186	ng	94
8) 2-Chlorophenol	7.52	128	39158	5.295	ng	93
9) Benzaldehyde	7.09	77	37837	6.713	ng	96
10) Phenol	7.15	94	47657	5.253	ng	92
11) bis(2-Chloroethyl)ether	7.38	93	40940	5.227	ng	97
12) 1,3-Dichlorobenzene	7.85	146	43115	4.982	ng	98
13) 1,4-Dichlorobenzene	8.00	146	43958	5.148	ng	94
14) 1,2-Dichlorobenzene	8.32	146	41416	5.053	ng	98
15) Benzyl Alcohol	8.19	79	33602	4.835	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.50	45	57753	4.766	ng	98
17) 2-Methylphenol	8.40	107	31890	4.857	ng	98
18) Hexachloroethane	9.05	117	16725	5.033	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	35173	5.363	ng	# 92
20) 3+4-Methylphenols	8.73	107	44656	4.875	ng	98
22) Acetophenone	8.78	105	63843	4.916	ng	# 97
24) Nitrobenzene	9.16	77	49042	5.071	ng	98
25) Isophorone	9.69	82	89770	4.900	ng	98
26) 2-Nitrophenol	9.87	139	17348	3.791	ng	# 87
27) 2,4-Dimethylphenol	9.93	122	34972	5.077	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	59264	4.852	ng	98
29) 2,4-Dichlorophenol	10.41	162	36126	4.397	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	44725	4.855	ng	98
31) Naphthalene	10.81	128	137121	5.424	ng	96
32) Benzoic acid	9.99	122	4003	0.779	ng	# 83
33) 4-Chloroaniline	10.91	127	56222	4.663	ng	96
34) Hexachlorobutadiene	11.11	225	25472	4.529	ng	94
35) Caprolactam	11.64	113	13879	4.538	ng	# 79
36) 4-Chloro-3-methylphenol	12.04	107	38866	4.444	ng	98
37) 2-Methylnaphthalene	12.42	142	103857	5.457	ng	95
38) 1-Methylnaphthalene	12.64	142	98007m	5.434	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	51172	4.966	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043876.D
 Acq On : 2 Jan 2020 15:39
 Operator : JU
 Sample : K5111-07
 Misc : LOD-MDL WATER 5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Manual Integrations
 APPROVED

mohammad
 1/3/2020 11:05:13 AM

Quant Time: Jan 02 16:36:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 16:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	24010	4.495	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	28686	4.046	ng	91
44) 2,4,5-Trichlorophenol	13.09	196	32909	4.500	ng	96
46) 1,1'-Biphenyl	13.43	154	133364	5.291	ng	95
47) 2-Chloronaphthalene	13.47	162	101964	5.006	ng	94
48) 2-Nitroaniline	13.66	65	25542	3.898	ng	94
49) Acenaphthylene	14.32	152	163598	5.588	ng	# 92
50) Dimethylphthalate	14.05	163	135507	5.429	ng	97
51) 2,6-Dinitrotoluene	14.16	165	26397	4.679	ng	98
52) Acenaphthene	14.66	154	102372	4.986	ng	96
53) 3-Nitroaniline	14.48	138	26487	4.134	ng	# 94
54) 2,4-Dinitrophenol	14.69	184	4126	1.622	ng	99
55) Dibenzofuran	14.99	168	163625	5.790	ng	93
56) 4-Nitrophenol	14.79	139	18028	3.672	ng	90
57) 2,4-Dinitrotoluene	14.94	165	32148	4.188	ng	95
58) Fluorene	15.64	166	130674	5.834	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	29517	4.694	ng	94
60) Diethylphthalate	15.41	149	141268	5.658	ng	# 94
61) 4-Chlorophenyl-phenylether	15.63	204	66580	5.474	ng	92
62) 4-Nitroaniline	15.64	138	28421	4.492	ng	94
63) Azobenzene	15.93	77	128773	5.562	ng	95
65) 4,6-Dinitro-2-methylphenol	15.71	198	10365	2.740	ng	93
66) n-Nitrosodiphenylamine	15.84	169	116190	5.073	ng	96
67) 4-Bromophenyl-phenylether	16.52	248	39719	4.540	ng	96
68) Hexachlorobenzene	16.65	284	44494	4.720	ng	94
69) Atrazine	16.79	200	33981	4.564	ng	98
70) Pentachlorophenol	16.99	266	13085	2.518	ng	99
71) Phenanthrene	17.38	178	211324	5.664	ng	94
72) Anthracene	17.46	178	209817	5.691	ng	94
73) Carbazole	17.73	167	190299	5.587	ng	93
74) Di-n-butylphthalate	18.31	149	224066	5.153	ng	# 94
75) Fluoranthene	19.39	202	241560	5.662	ng	93
77) Benzidine	19.56	184	86558	4.937	ng	98
78) Pyrene	19.74	202	253074	5.558	ng	92
80) Butylbenzylphthalate	20.64	149	86087	3.971	ng	93
81) Benzo(a)anthracene	21.57	228	234539	5.423	ng	94
82) 3,3'-Dichlorobenzidine	21.48	252	78996	4.623	ng	98
83) Chrysene	21.63	228	222393	5.411	ng	91
84) Bis(2-ethylhexyl)phthalate	21.50	149	139042	4.649	ng	# 92
85) Di-n-octyl phthalate	22.69	149	215872	4.293	ng	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	246866	4.420	ng	# 81
88) Benzo(b)fluoranthene	23.72	252	219737	4.847	ng	97
89) Benzo(k)fluoranthene	23.79	252	235274m	5.457	ng	
90) Benzo(a)pyrene	24.56	252	201910	4.718	ng	97
91) Dibenzo(a,h)anthracene	28.32	278	204764	4.765	ng	97
92) Benzo(g,h,i)perylene	29.35	276	202972	4.755	ng	95

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