

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
 Data File : BG041792.D
 Acq On : 29 Jul 2019 17:02
 Operator : HP/JU
 Sample : K3591-08
 Misc : LOO-WATER-10PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Manual Integrations
 APPROVED

mohammad
 7/30/2019 4:52:34 PM

Quant Time: Jul 30 07:53:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 12:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	99589	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	416598	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	300570	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	668780	20.00	ng	0.00
76) Chrysene-d12	21.74	240	663961	20.00	ng	0.00
87) Perylene-d12	25.01	264	760626	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	622370	121.59	ng	0.00
7) Phenol-d6	7.19	99	817226	118.43	ng	0.00
23) Nitrobenzene-d5	9.21	82	516209	85.27	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	434722	127.33	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1405201	82.46	ng	0.00
79) Terphenyl-d14	20.07	244	2175345	74.97	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	24519	10.177	ng	93
3) Pyridine	3.88	79	53527	8.102	ng	88
4) n-Nitrosodimethylamine	3.79	42	23680	9.042	ng	# 97
6) Aniline	7.36	93	89419	9.202	ng	# 92
8) 2-Chlorophenol	7.61	128	57064	9.736	ng	94
9) Benzaldehyde	7.17	77	52990	10.913	ng	93
10) Phenol	7.22	94	69507	9.682	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	56183	9.519	ng	92
12) 1,3-Dichlorobenzene	7.93	146	72412	9.466	ng	99
13) 1,4-Dichlorobenzene	8.08	146	74519	9.735	ng	96
14) 1,2-Dichlorobenzene	8.40	146	67767	9.278	ng	94
15) Benzyl Alcohol	8.28	79	50373	9.279	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	97771	9.311	ng	97
17) 2-Methylphenol	8.48	107	49157	9.415	ng	98
18) Hexachloroethane	9.14	117	24223	9.241	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	47873	9.555	ng	# 87
20) 3+4-Methylphenols	8.81	107	67067	9.387	ng	98
22) Acetophenone	8.87	105	93033	9.984	ng	# 92
24) Nitrobenzene	9.25	77	66056	10.357	ng	99
25) Isophorone	9.78	82	130796	9.932	ng	96
26) 2-Nitrophenol	9.97	139	28755	9.715	ng	91
27) 2,4-Dimethylphenol	10.03	122	57062	10.923	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	81548	9.909	ng	98
29) 2,4-Dichlorophenol	10.51	162	62439	9.815	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	75787	9.394	ng	97
31) Naphthalene	10.92	128	194468	10.199	ng	99
32) Benzoic acid	10.10	122	10576	11.047	ng	91
33) 4-Chloroaniline	11.02	127	83975	9.287	ng	# 94
34) Hexachlorobutadiene	11.22	225	49380	9.069	ng	99
35) Caprolactam	11.77	113	21769	9.846	ng	# 68
36) 4-Chloro-3-methylphenol	12.14	107	62193	9.861	ng	96
37) 2-Methylnaphthalene	12.53	142	153869	10.196	ng	98
38) 1-Methylnaphthalene	12.75	142	145980	10.207	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	94901	9.975	ng	# 98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
 Data File : BG041792.D
 Acq On : 29 Jul 2019 17:02
 Operator : HP/JU
 Sample : K3591-08
 Misc : LOO-WATER-10PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

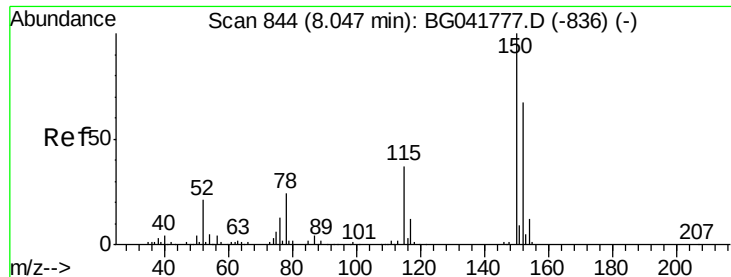
Manual Integrations
 APPROVED

mohammad
 7/30/2019 4:52:34 PM

Quant Time: Jul 30 07:53:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 12:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	53127	9.932	nq	99
43) 2,4,6-Trichlorophenol	13.13	196	55918	9.299	nq	97
44) 2,4,5-Trichlorophenol	13.20	196	60390	9.664	nq	96
46) 1,1'-Biphenyl	13.53	154	200834	10.394	nq	96
47) 2-Chloronaphthalene	13.58	162	161029	9.789	nq	94
48) 2-Nitroaniline	13.77	65	38272	9.173	nq	97
49) Acenaphthylene	14.42	152	264540	10.751	nq	94
50) Dimethylphthalate	14.14	163	212759	10.365	nq	97
51) 2,6-Dinitrotoluene	14.26	165	43805	10.205	nq	# 84
52) Acenaphthene	14.76	154	159020	9.936	nq	97
53) 3-Nitroaniline	14.59	138	42336	9.219	nq	92
54) 2,4-Dinitrophenol	14.80	184	13307	10.174	nq	92
55) Dibenzofuran	15.10	168	265311	10.838	nq	93
56) 4-Nitrophenol	14.89	139	32238	9.249	nq	92
57) 2,4-Dinitrotoluene	15.05	165	59650	10.105	nq	94
58) Fluorene	15.75	166	209459	10.662	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	58911	9.518	nq	95
60) Diethylphthalate	15.51	149	208574	10.349	nq	97
61) 4-Chlorophenyl-phenylether	15.74	204	121295	10.114	nq	94
62) 4-Nitroaniline	15.75	138	47959	9.642	nq	99
63) Azobenzene	16.04	77	168529	10.237	nq	96
65) 4,6-Dinitro-2-methylphenol	15.81	198	28344	14.275	nq	95
66) n-Nitrosodiphenylamine	15.95	169	190576	10.461	nq	95
67) 4-Bromophenyl-phenylether	16.64	248	79161	9.609	nq	93
68) Hexachlorobenzene	16.76	284	81996	9.514	nq	92
69) Atrazine	16.90	200	72122	10.076	nq	95
70) Pentachlorophenol	17.10	266	42242	8.628	nq	95
71) Phenanthrene	17.49	178	346716	10.816	nq	92
72) Anthracene	17.58	178	354515m	11.089	nq	
73) Carbazole	17.85	167	307729	10.724	nq	93
74) Di-n-butylphthalate	18.42	149	346699	10.657	nq	# 93
75) Fluoranthene	19.50	202	440391	11.302	nq	87
77) Benzidine	19.68	184	211741	9.770	nq	98
78) Pyrene	19.87	202	452499	11.503	nq	# 88
80) Butylbenzylphthalate	20.75	149	146237	9.696	nq	90
81) Benzo(a)anthracene	21.72	228	418077	10.643	nq	90
82) 3,3'-Dichlorobenzidine	21.62	252	168643	10.693	nq	96
83) Chrysene	21.78	228	409586	10.877	nq	# 89
84) Bis(2-ethylhexyl)phthalate	21.64	149	213432	10.259	nq	97
85) Di-n-octyl phthalate	22.87	149	351476	10.038	nq	# 91
86) Indeno(1,2,3-cd)pyrene	28.73	276	475231	9.534	nq	# 89
88) Benzo(b)fluoranthene	23.97	252	422816	10.161	nq	# 92
89) Benzo(k)fluoranthene	24.03	252	436596	10.772	nq	# 92
90) Benzo(a)pyrene	24.85	252	417369	10.459	nq	# 96
91) Dibenzo(a,h)anthracene	28.81	278	400918	10.232	nq	# 92
92) Benzo(g,h,i)perylene	29.90	276	393488	10.051	nq	96

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



#1

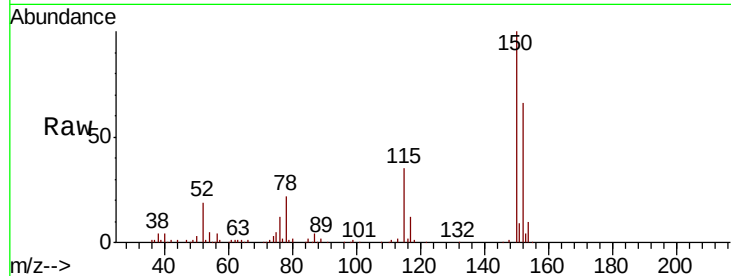
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.9	190.3
115	52.9	45.0	67.6

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM

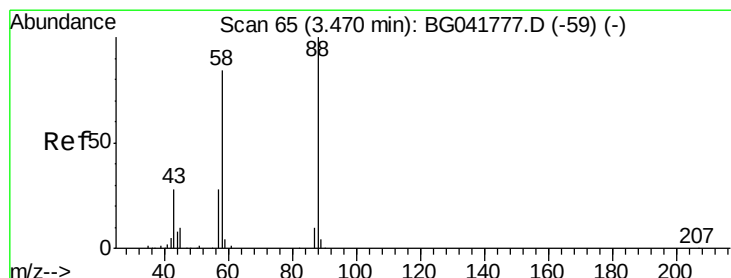
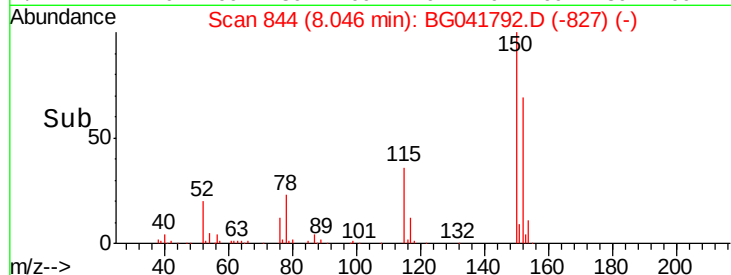
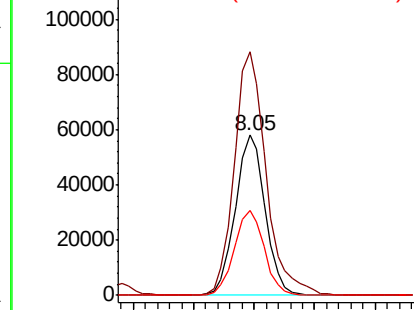


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 10.177 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

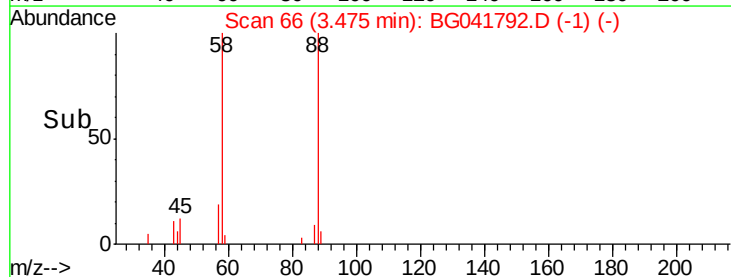
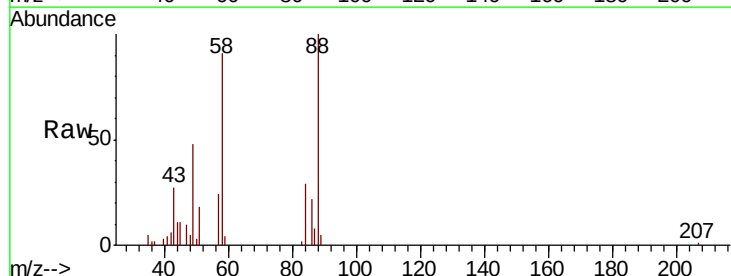
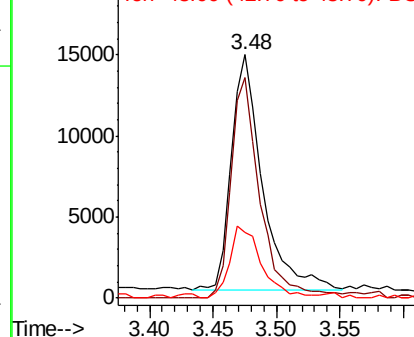
Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.7	76.2	114.2
43	31.5	27.2	40.8

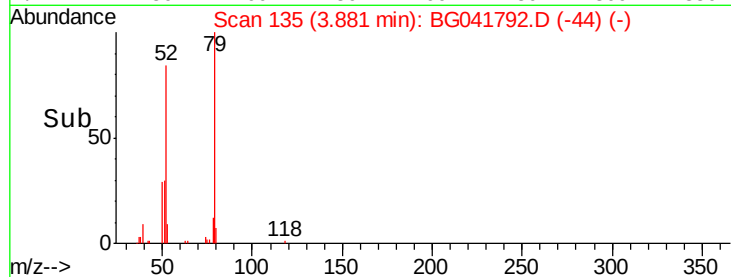
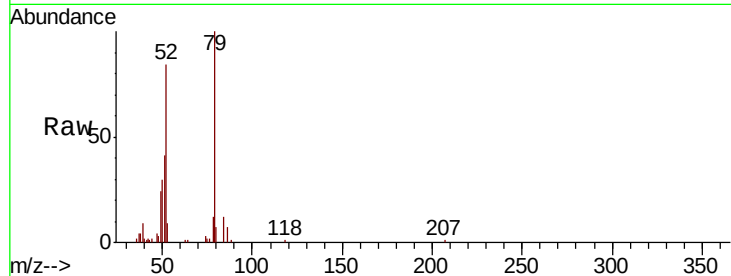
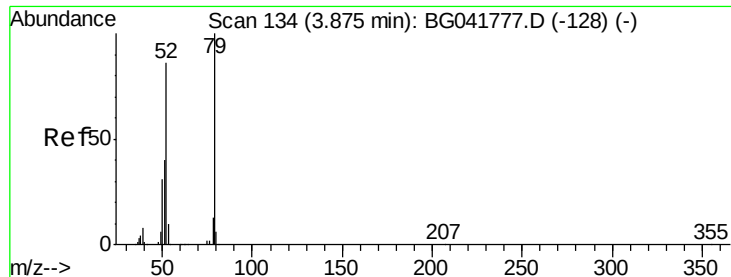
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





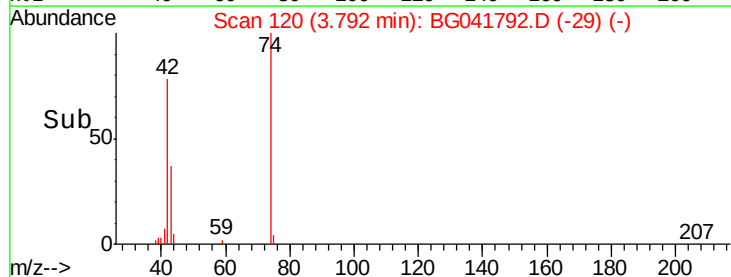
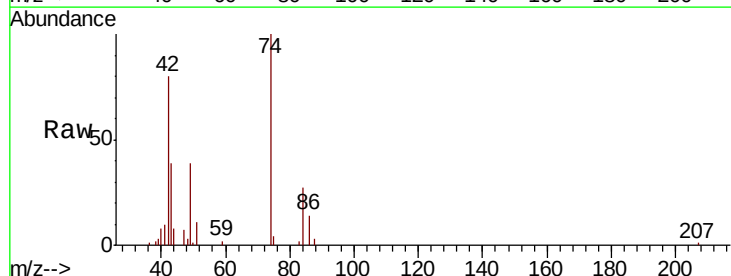
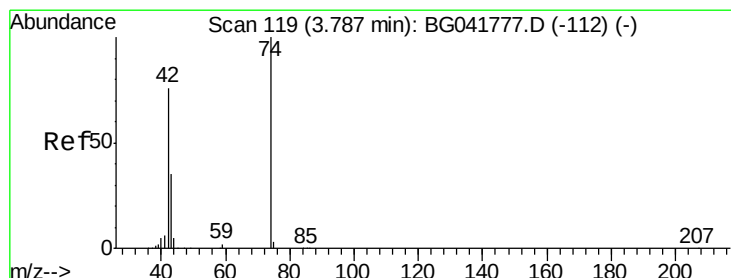
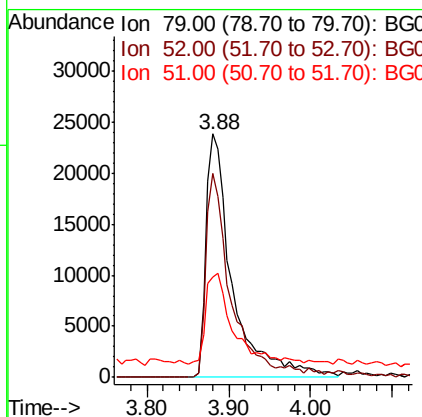
#3
 Pvrindine
 Concen: 8.102 ng
 RT: 3.88 min Scan# 135
 Delta R.T. 0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tot Ion:	79	Resp:	53527
Ion	Ratio	Lower	Upper
79	100		
52	83.7	77.1	115.7
51	41.4	37.8	56.8

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

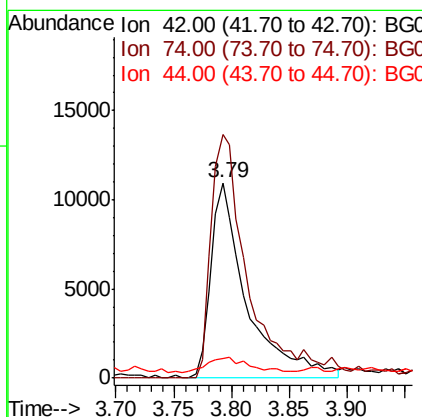
Manual Integrations
 APPROVED

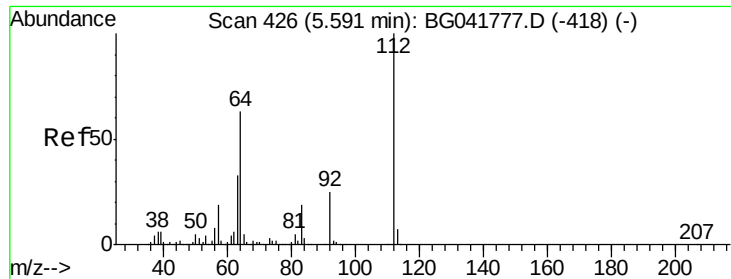
mohammad
 7/30/2019 4:52:34 PM



#4
 n-Nitrosodimethylamine
 Concen: 9.042 ng
 RT: 3.79 min Scan# 120
 Delta R.T. 0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion:	42	Resp:	23680
Ion	Ratio	Lower	Upper
42	100		
74	124.6	97.4	146.2
44	10.1	6.6	9.8#





#5

2-Fluorophenol

Concen: 121.589 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

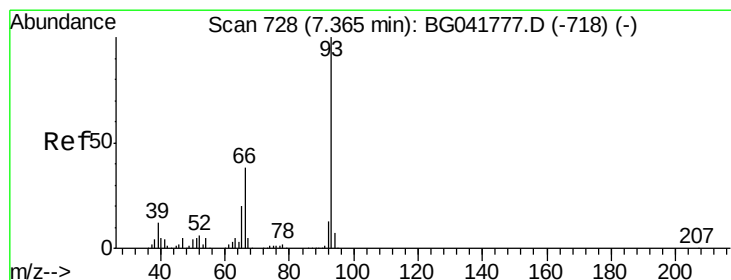
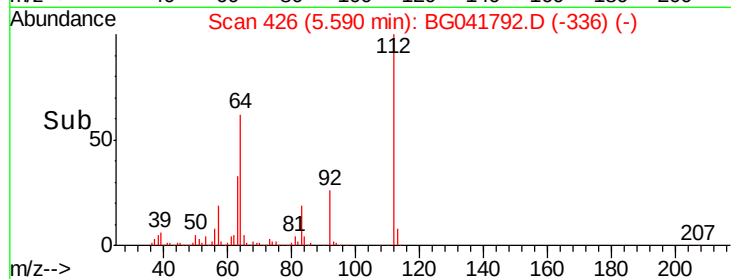
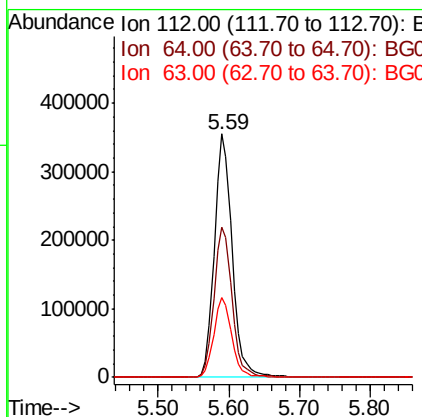
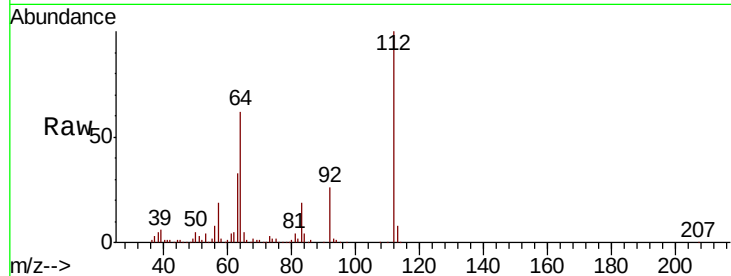
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	112	Resp:	622370
Ion Ratio	Lower	Upper	
112	100		
64	61.9	55.4	83.2
63	33.0	29.1	43.7

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



#6

Aniline

Concen: 9.202 ng

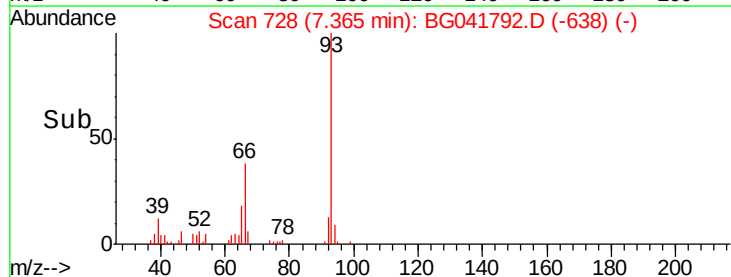
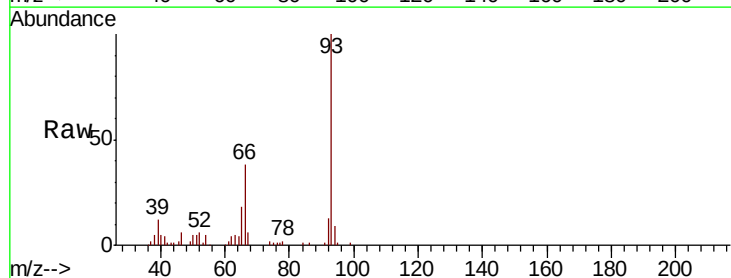
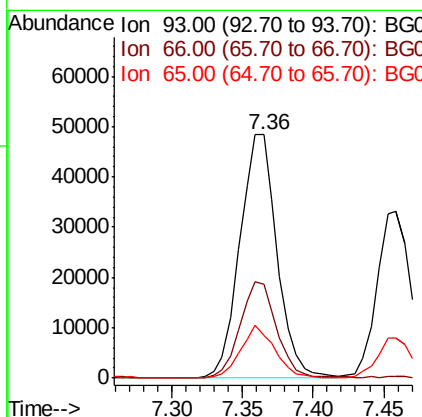
RT: 7.36 min Scan# 728

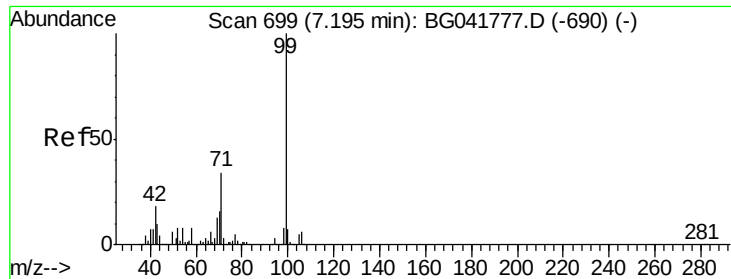
Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion:	93	Resp:	89419
Ion Ratio	Lower	Upper	
93	100		
66	38.3	34.2	51.2
65	17.5	18.2	27.2#





#7

Phenol-d6

Concen: 118.426 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

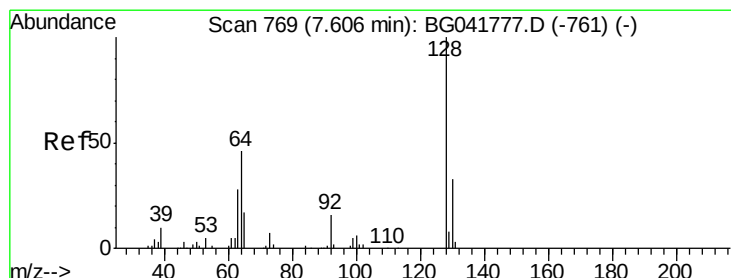
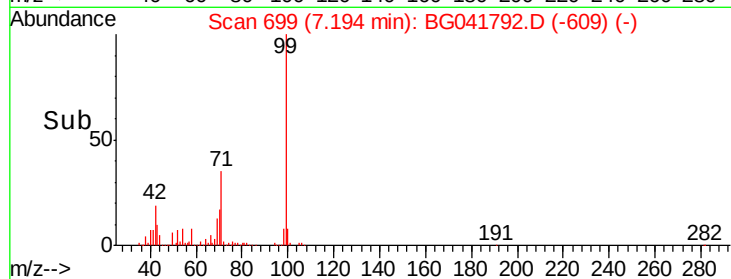
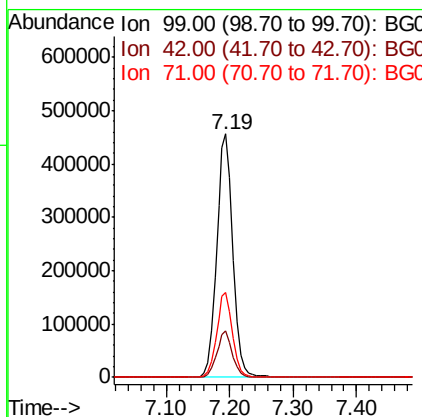
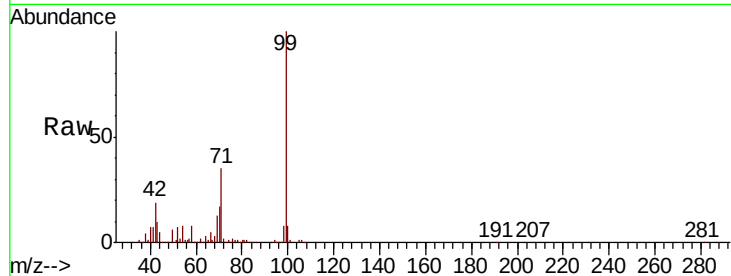
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	99	Resp:	817226
Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.6	26.4
71	34.9	27.8	41.6

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



#8

2-Chlorophenol

Concen: 9.736 ng

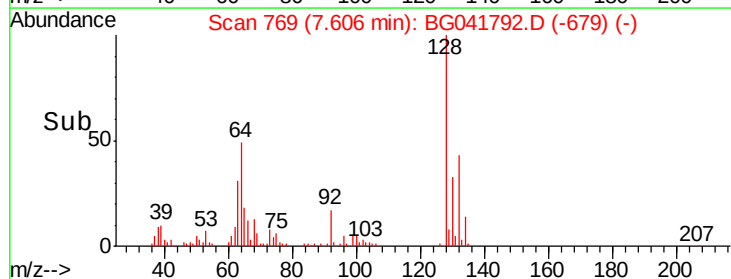
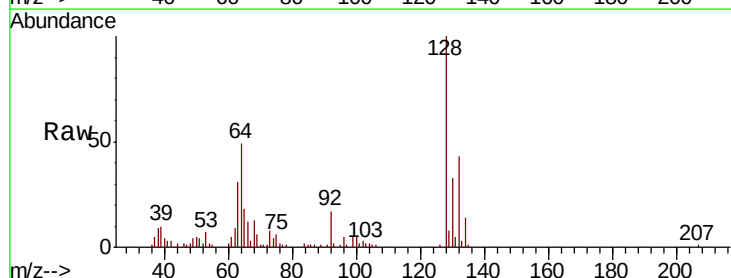
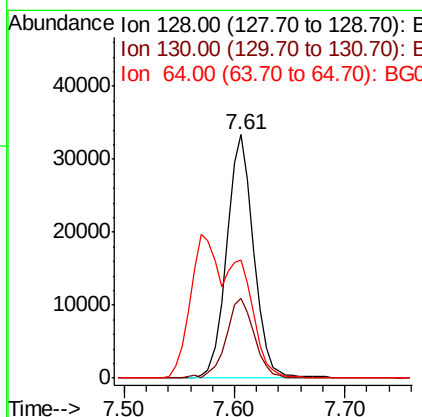
RT: 7.61 min Scan# 769

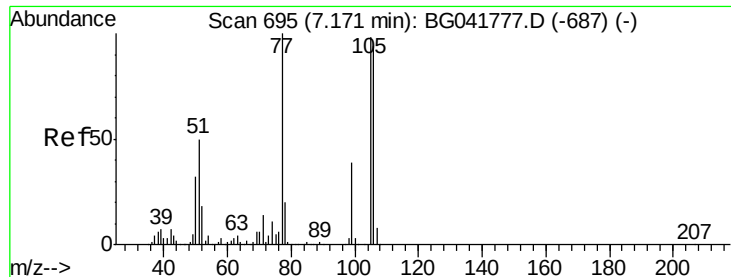
Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion:	128	Resp:	57064
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	48.7	34.9	74.9





#9

Benzaldehyde

Concen: 10.913 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

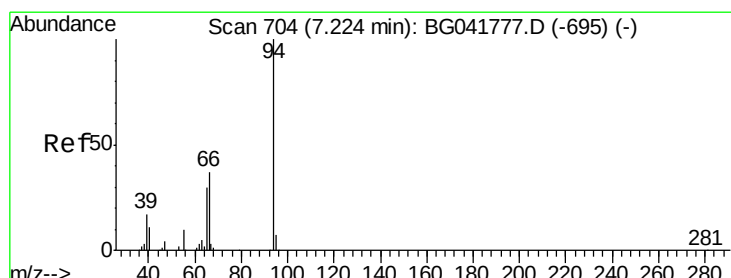
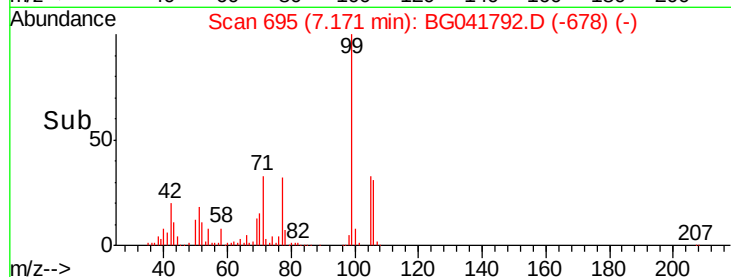
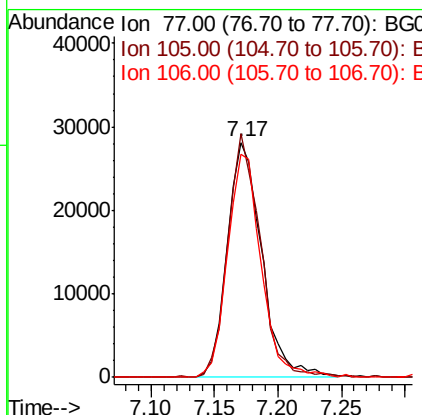
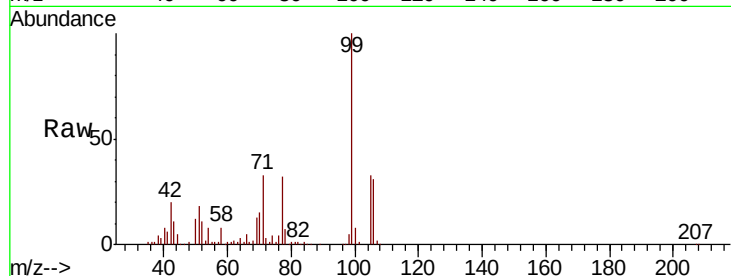
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.7	74.6	114.6
106	95.2	71.1	111.1

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



#10

Phenol

Concen: 9.682 ng

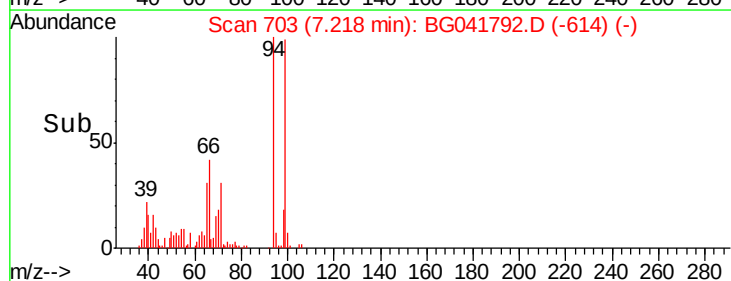
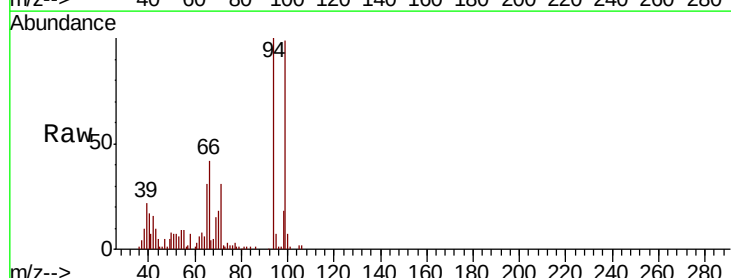
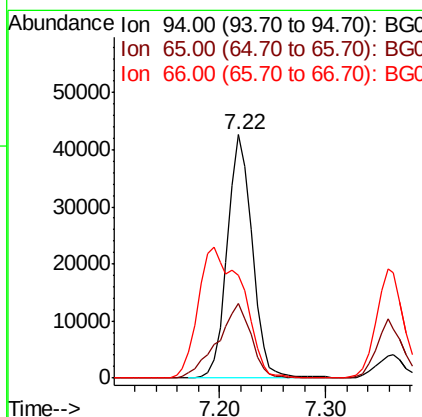
RT: 7.22 min Scan# 703

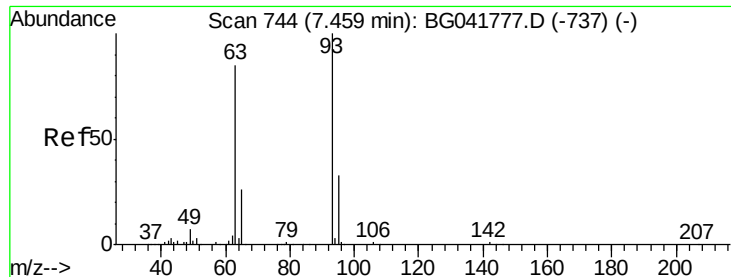
Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.8	10.6	50.6
66	42.4	18.2	58.2





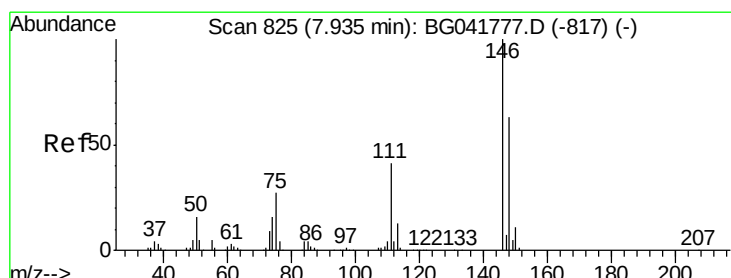
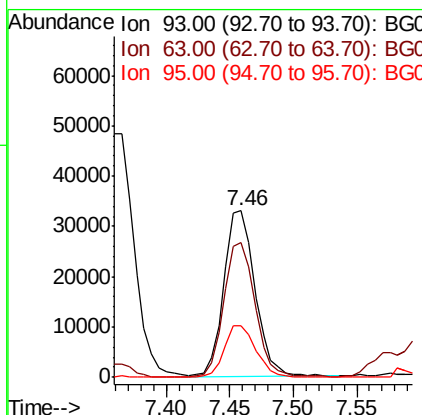
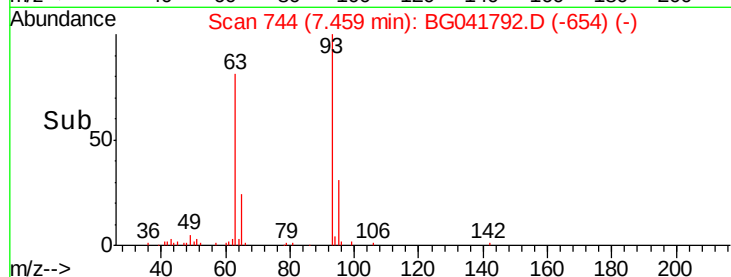
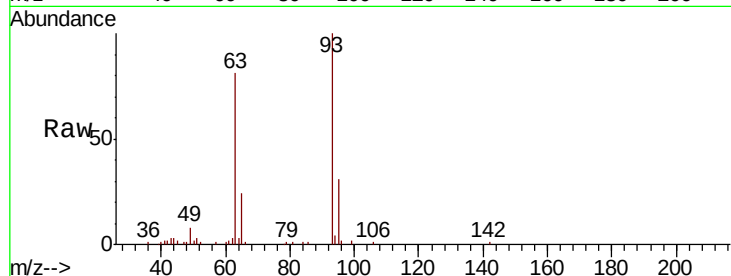
#11
bis(2-Chloroethyl)ether
Concen: 9.519 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	70.4	110.4
95	31.3	12.8	52.8

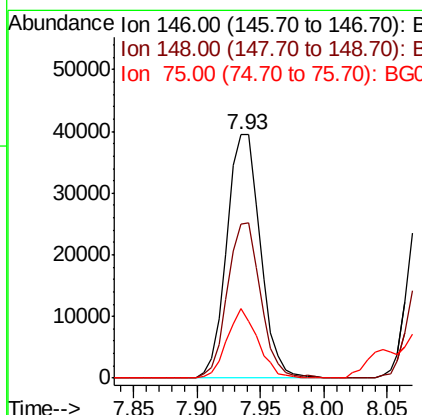
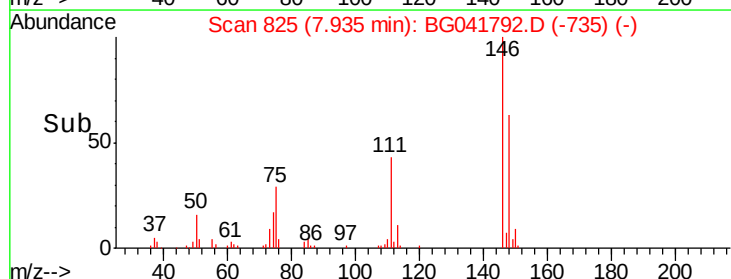
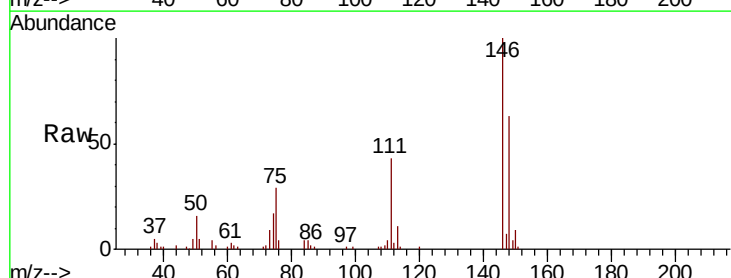
Manual Integrations
APPROVED

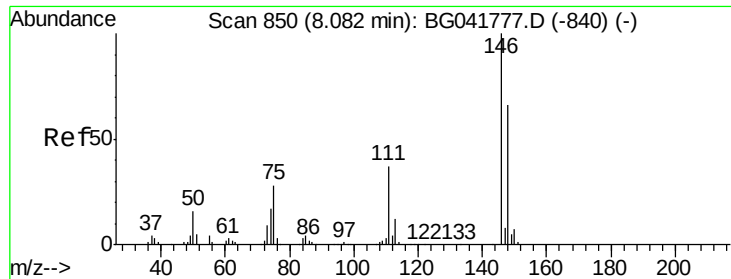
mohammad
7/30/2019 4:52:34 PM



#12
1,3-Dichlorobenzene
Concen: 9.466 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.5	77.3
75	28.5	23.2	34.8





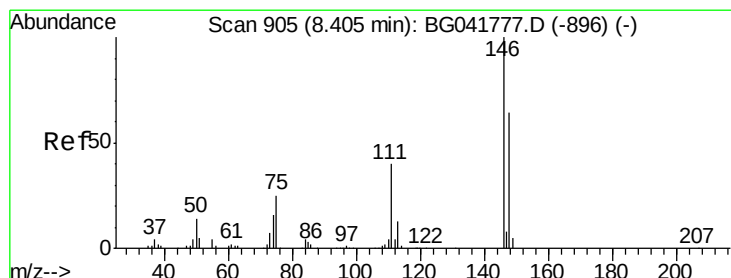
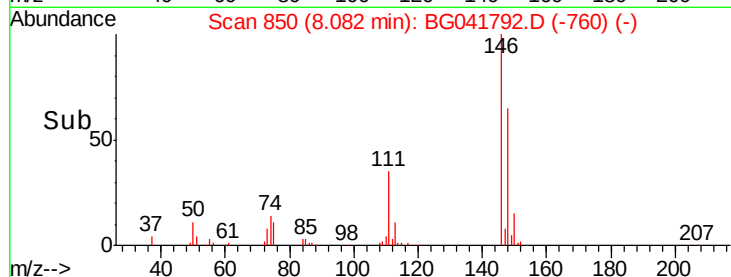
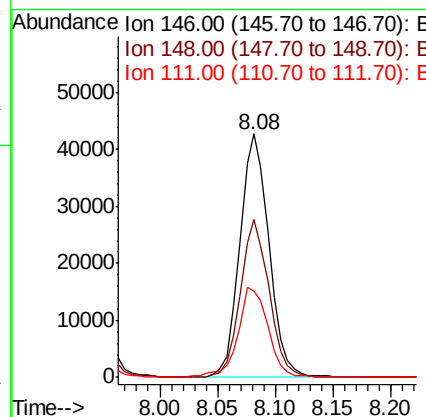
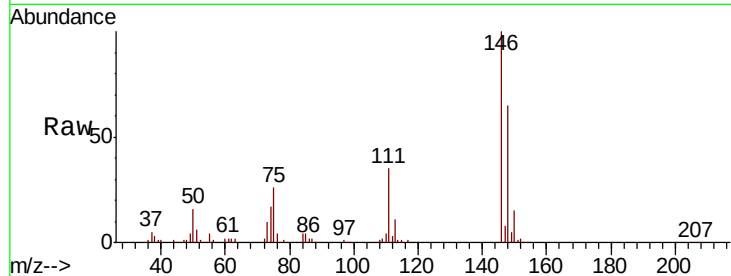
#13
 1,4-Dichlorobenzene
 Concen: 9.735 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.6	79.0
111	35.2	32.5	48.7

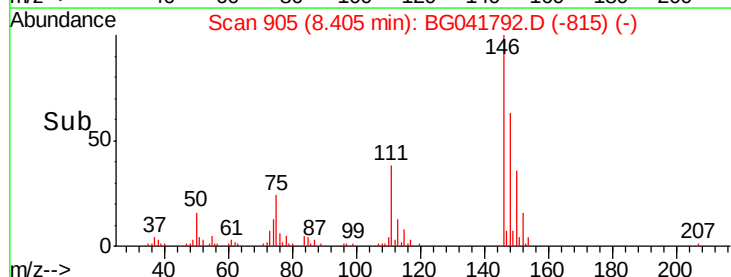
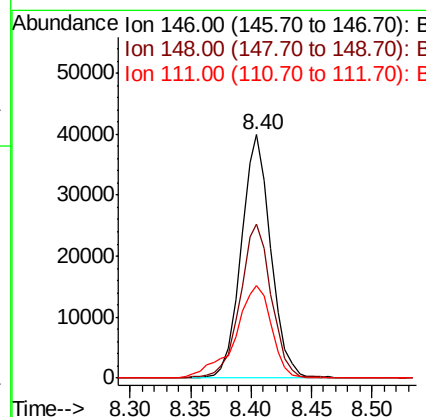
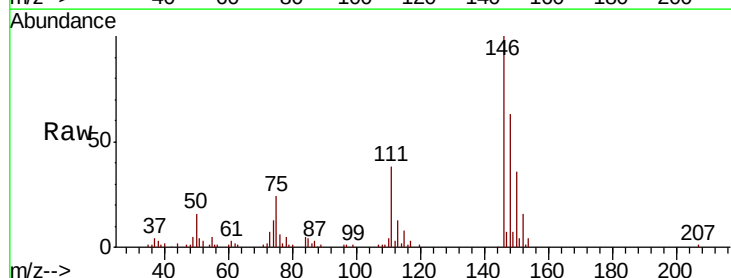
Manual Integrations
 APPROVED

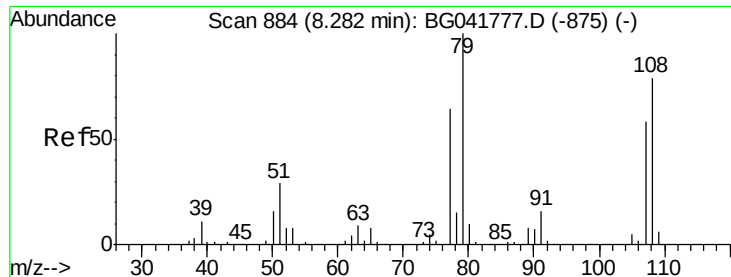
mohammad
 7/30/2019 4:52:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 9.278 ng
 RT: 8.40 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.5	80.3
111	38.3	35.4	53.0





#15

Benzyl Alcohol

Concen: 9.279 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

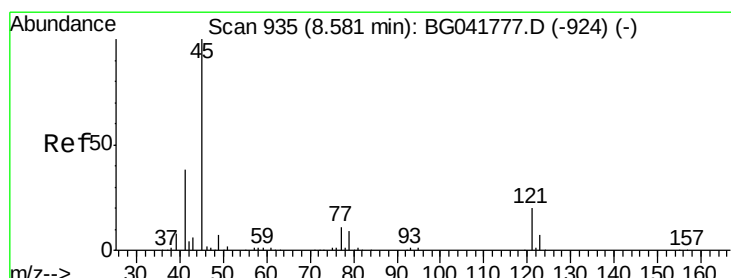
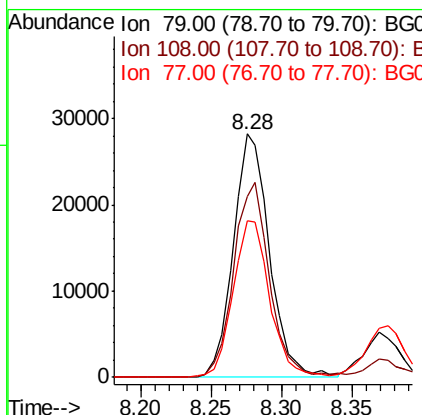
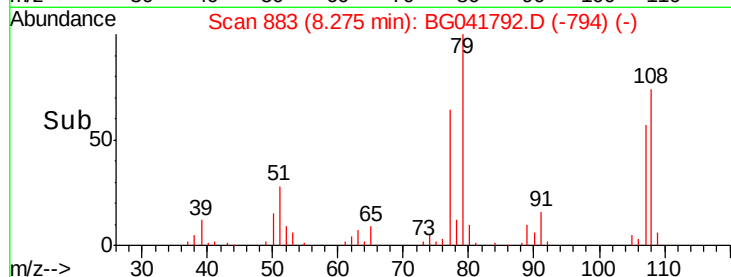
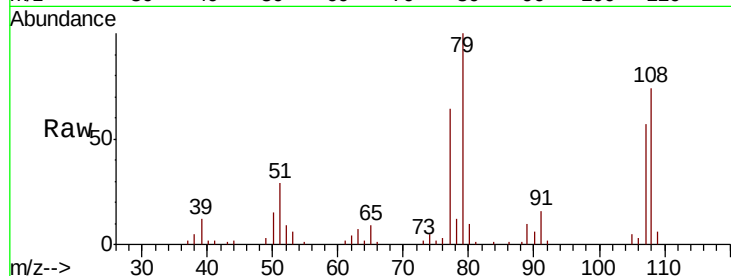
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	79	Resp:	50373
Ion	Ratio	Lower	Upper
79	100		
108	74.1	60.5	90.7
77	64.3	50.6	75.8

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.311 ng

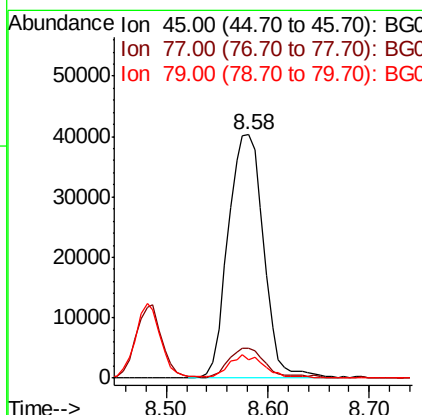
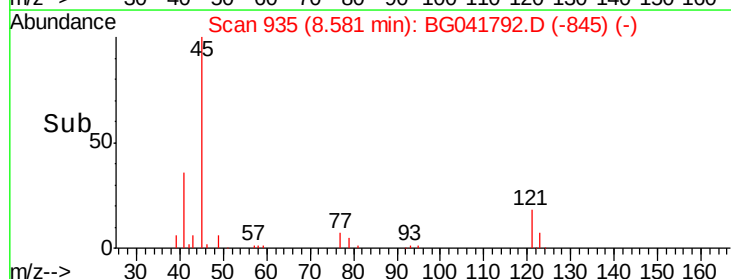
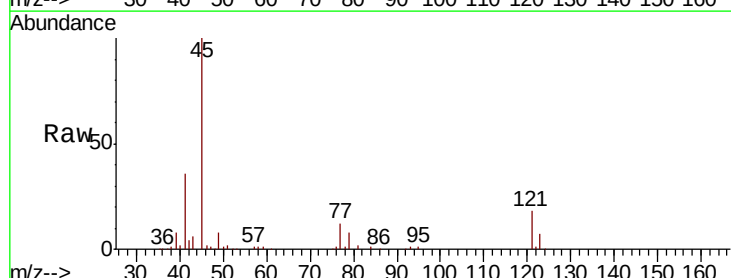
RT: 8.58 min Scan# 935

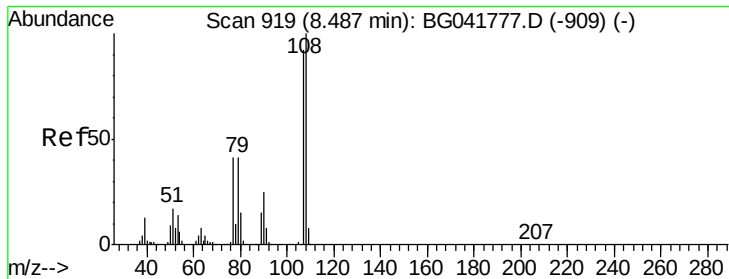
Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion:	45	Resp:	97771
Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	30.4
79	7.7	0.0	27.9





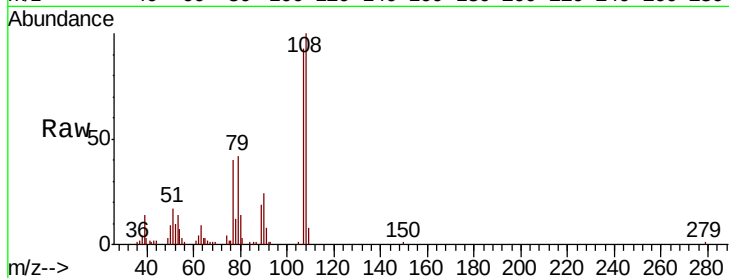
#17
2-Methylphenol
Concen: 9.415 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	49157		
108	108.00	107.0		87.6	131.4
77	77.00	42.7		36.1	54.1
79	79.00	45.1		36.4	54.6

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



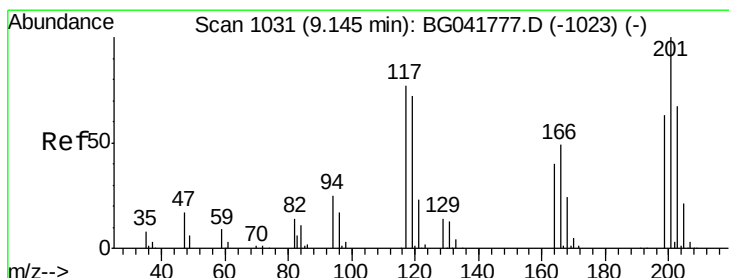
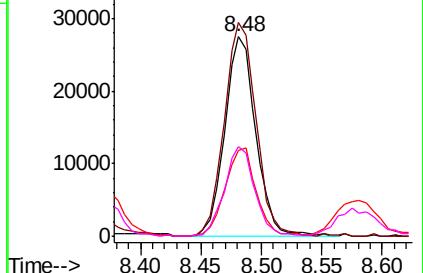
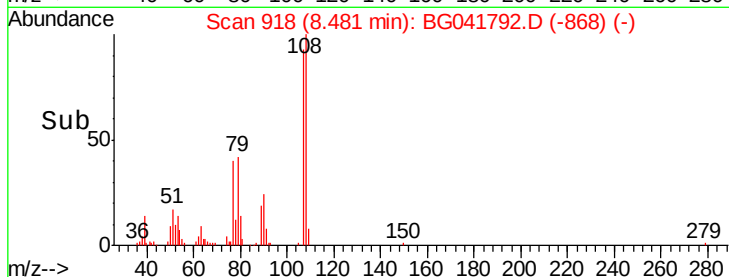
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

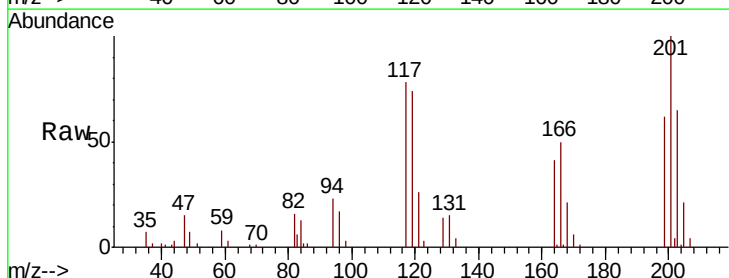
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 9.241 ng
RT: 9.14 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	24223		
119	119.00	94.5		76.2	114.2
201	201.00	128.5		94.1	141.1

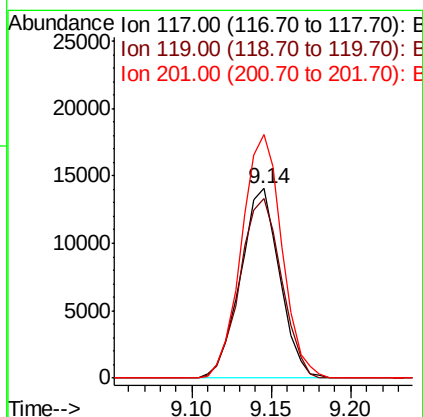
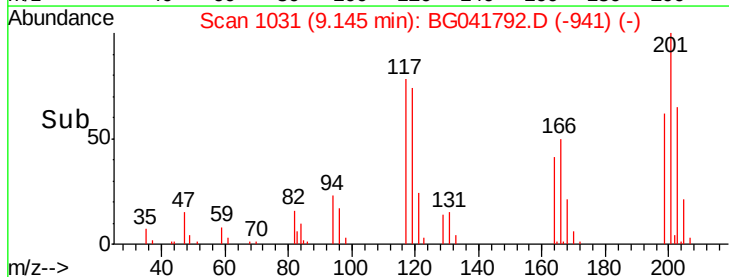


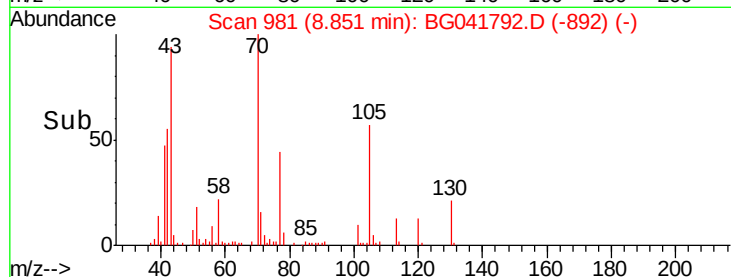
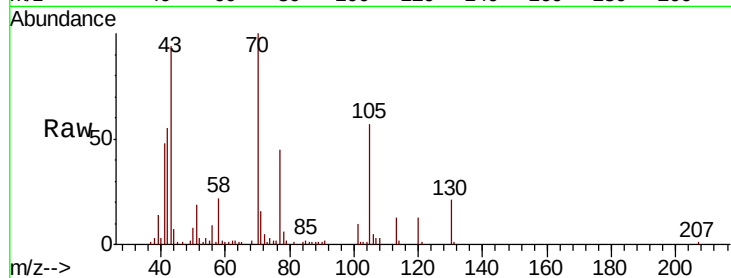
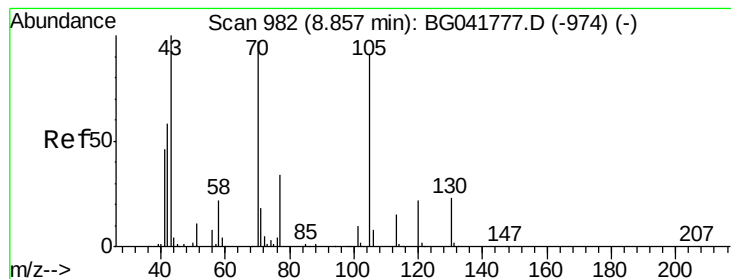
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 9.555 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion: 70 Resp: 47873

Ion Ratio Lower Upper

70 100

42 55.0 55.8 83.6#

101 10.3 8.1 12.1

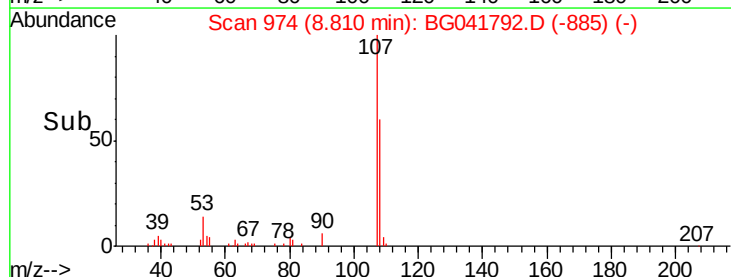
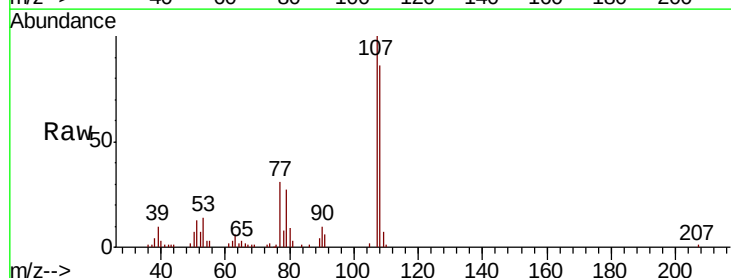
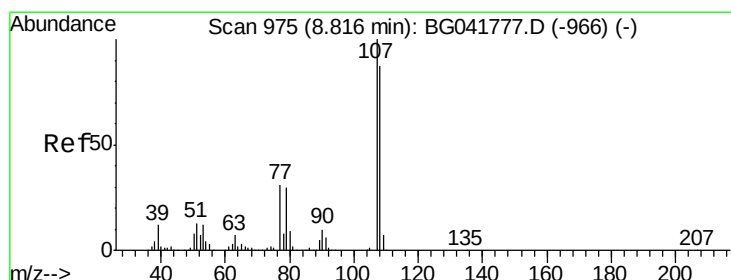
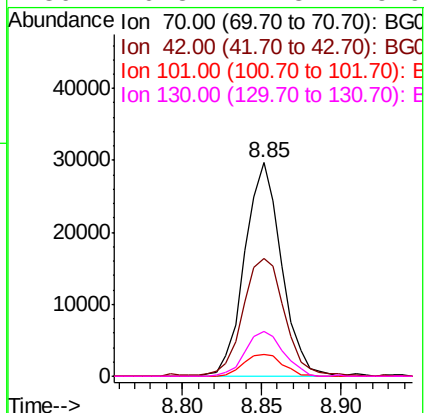
130 20.8 17.3 25.9

Manual Integrations

APPROVED

mohammad

7/30/2019 4:52:34 PM



#20

3+4-Methylphenols

Concen: 9.387 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion: 107 Resp: 67067

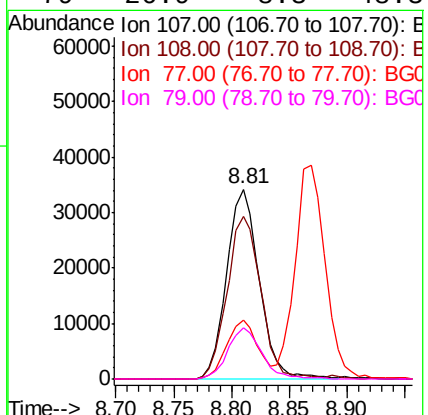
Ion Ratio Lower Upper

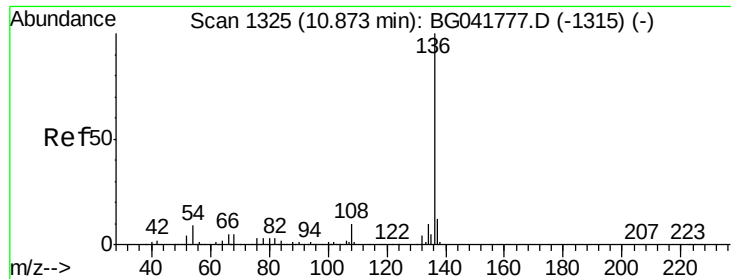
107 100

108 85.9 67.5 107.5

77 31.3 12.3 52.3

79 26.9 8.3 48.3





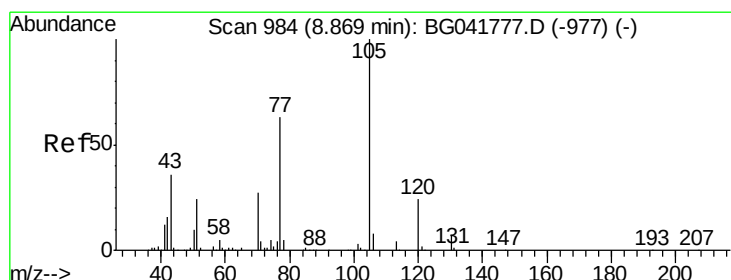
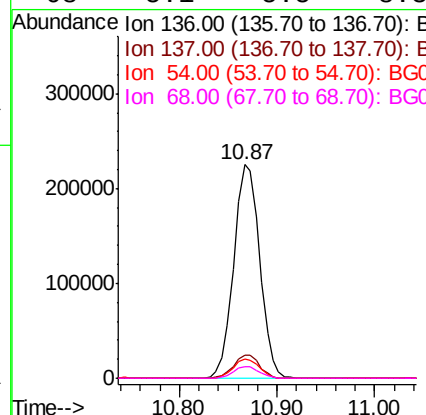
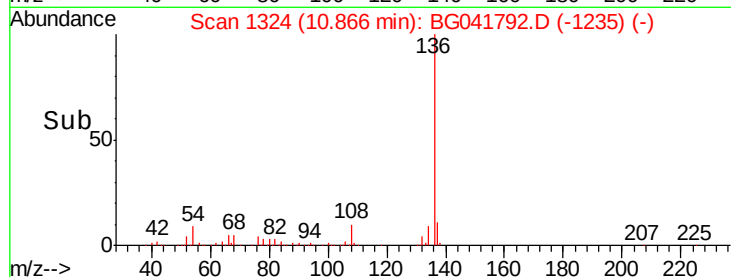
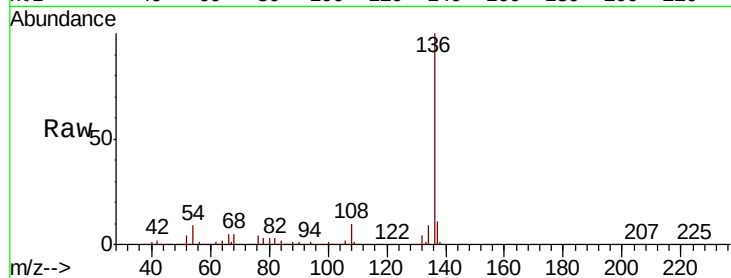
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	416598		
137	11.0		9.2	13.8
54	9.1		8.7	13.1
68	5.1		5.5	8.3#

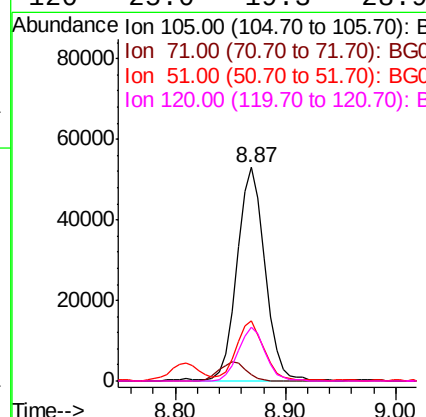
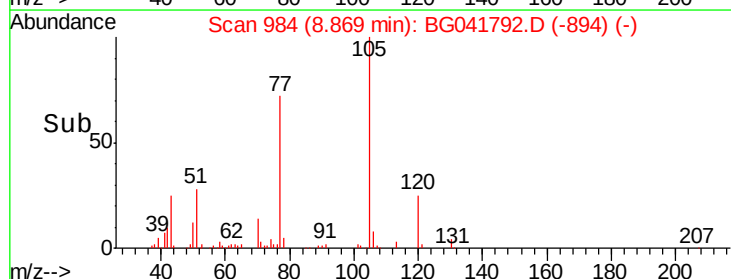
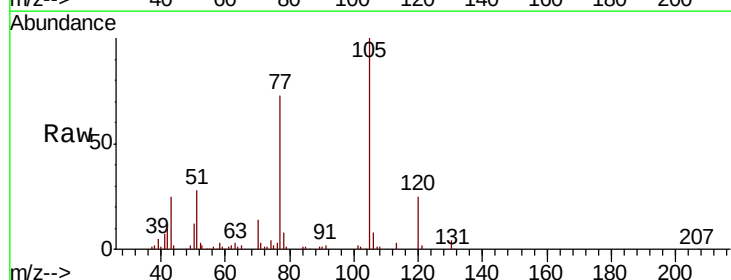
Manual Integrations
APPROVED

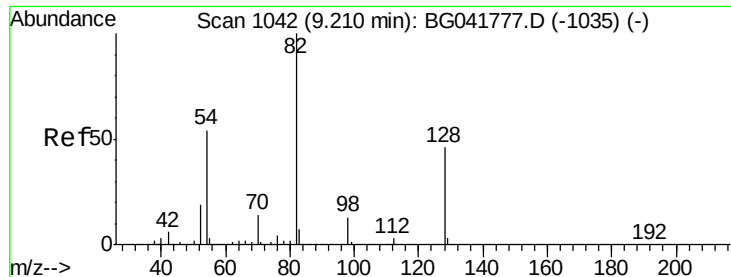
mohammad
7/30/2019 4:52:34 PM



#22
Acetophenone
Concen: 9.984 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	93033		
71	3.0		5.9	8.9#
51	28.1		27.7	41.5
120	25.0		19.3	28.9





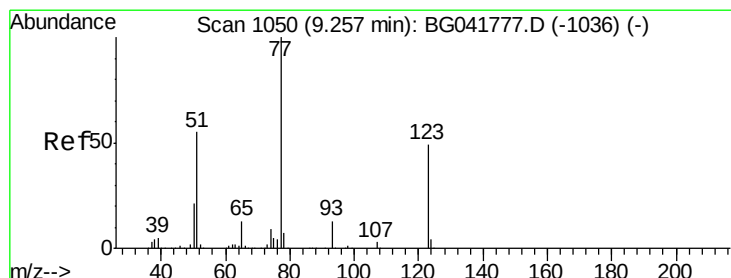
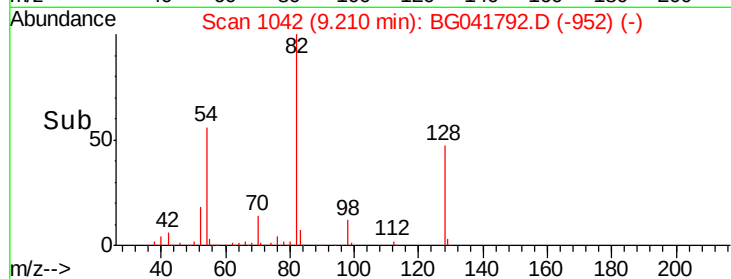
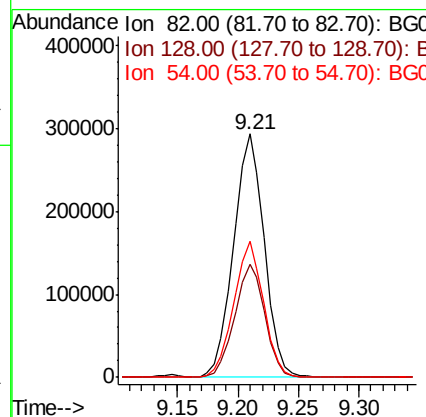
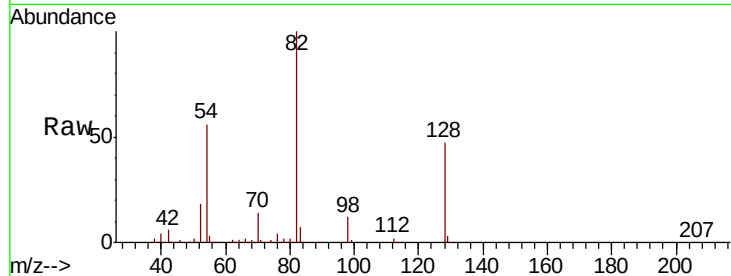
#23
 Nitrobenzene-d5
 Concen: 85.271 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	35.1	52.7	
54	55.7	48.7	73.1	

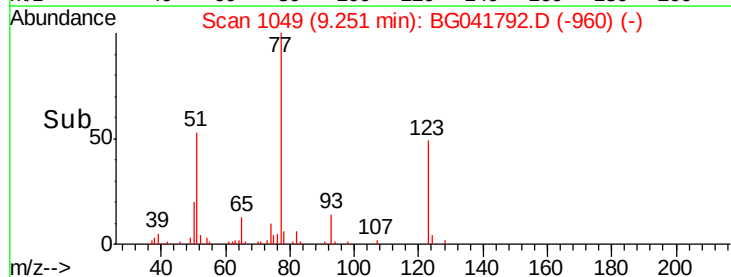
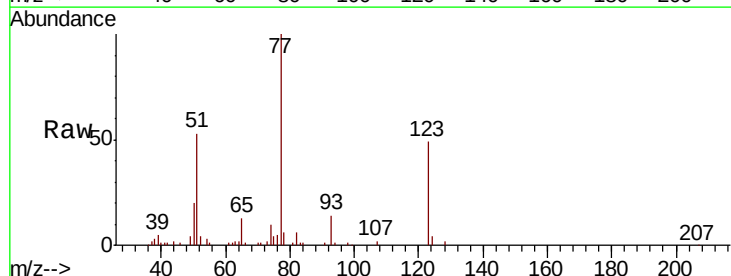
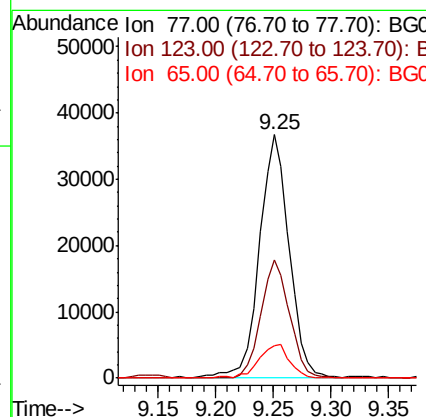
Manual Integrations
 APPROVED

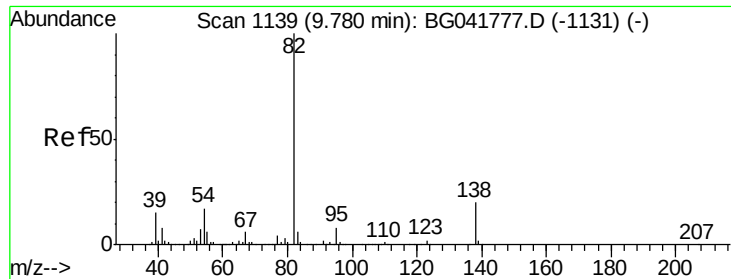
mohammad
 7/30/2019 4:52:34 PM



#24
 Nitrobenzene
 Concen: 10.357 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.6	38.1	57.1	
65	13.5	11.0	16.6	





#25

Isophorone

Concen: 9.932 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

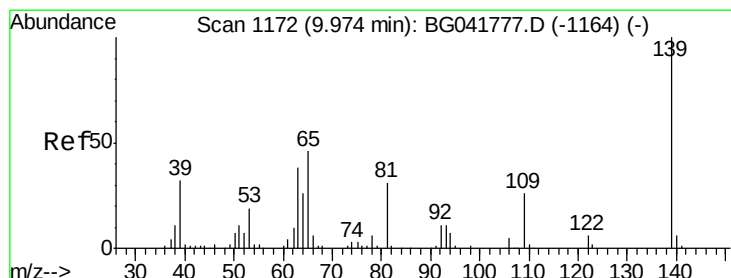
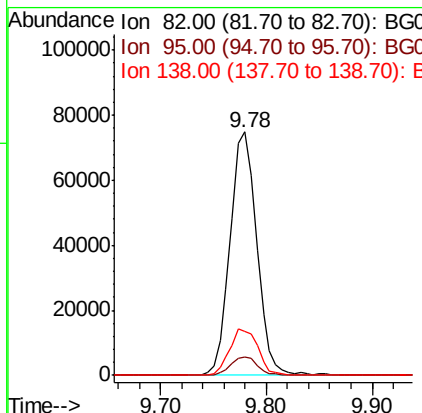
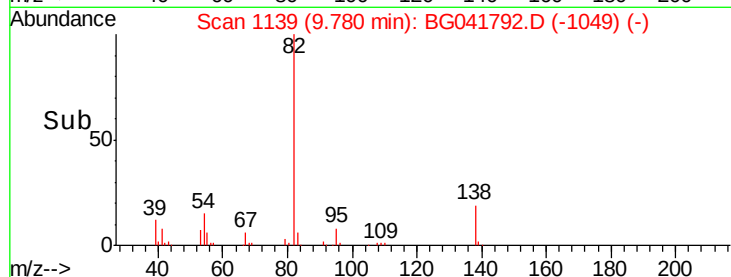
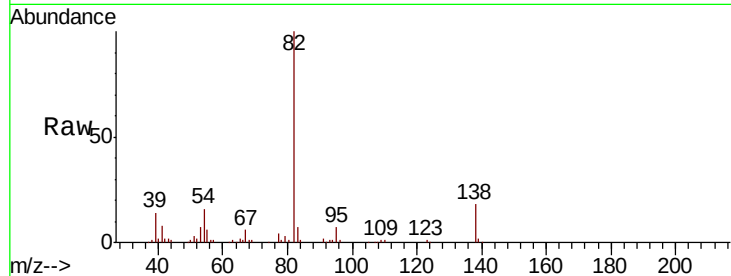
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	82	Resp:	130796
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.9	8.9
138	18.0	16.3	24.5

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



#26

2-Nitrophenol

Concen: 9.715 ng

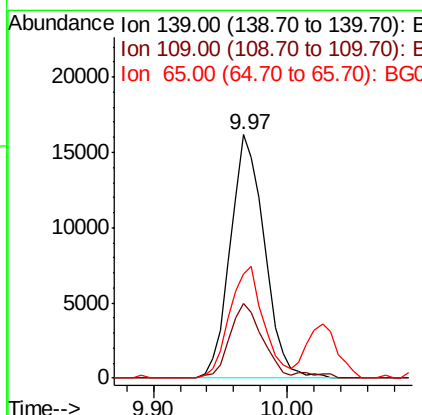
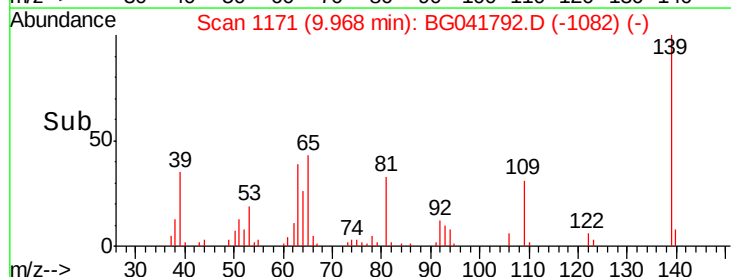
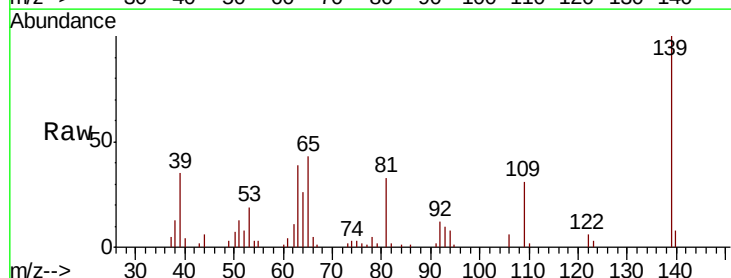
RT: 9.97 min Scan# 1171

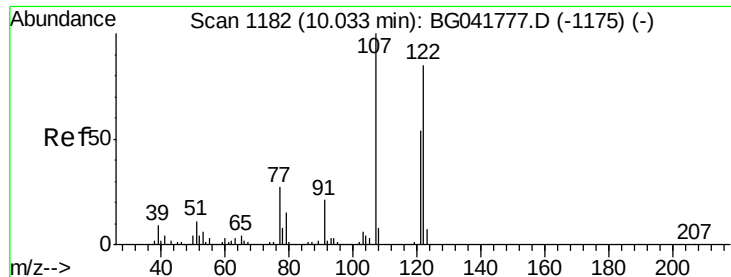
Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion:	139	Resp:	28755
Ion Ratio	Lower	Upper	
139	100		
109	30.8	22.7	34.1
65	43.0	41.1	61.7





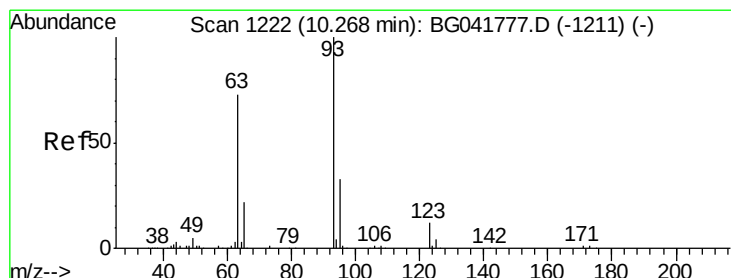
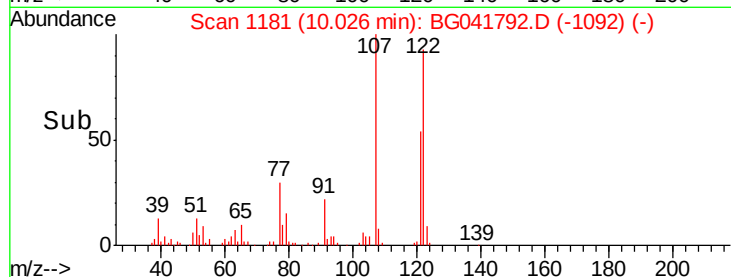
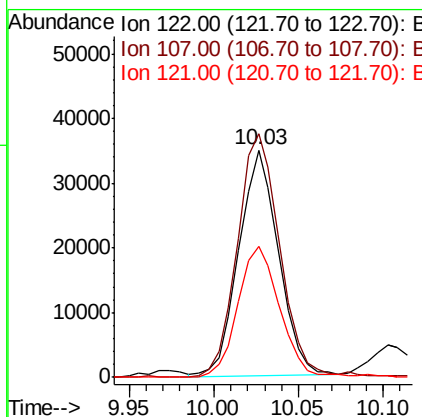
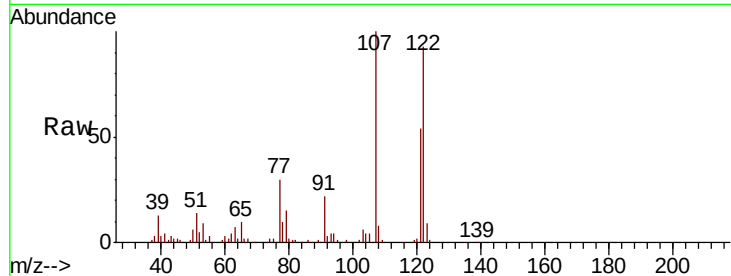
#27
2,4-Dimethylphenol
Concen: 10.923 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.1	91.3	136.9
121	57.5	49.2	73.8

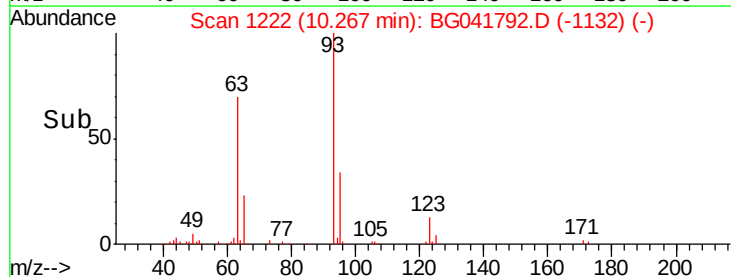
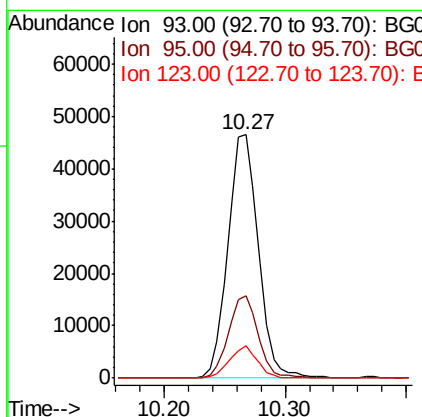
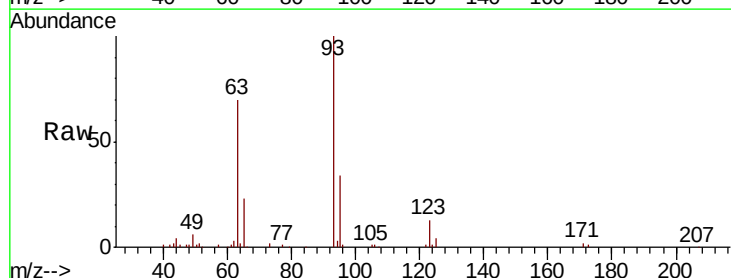
Manual Integrations
APPROVED

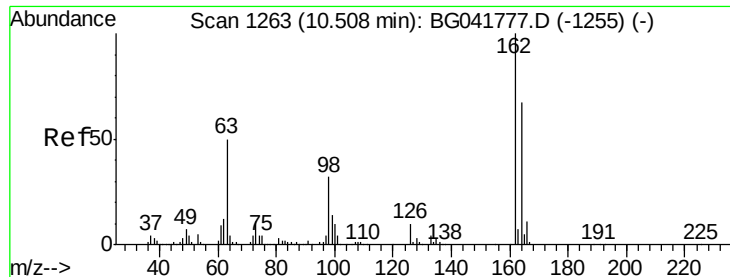
mohammad
7/30/2019 4:52:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 9.909 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.2	39.4
123	13.1	9.9	14.9





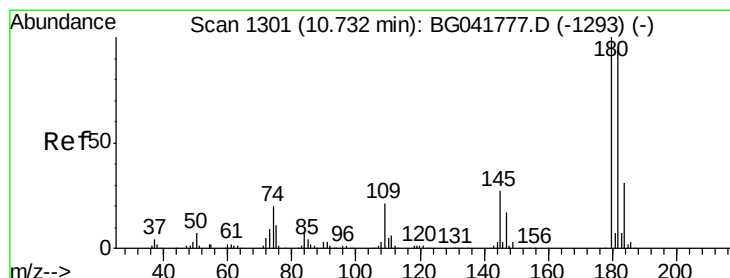
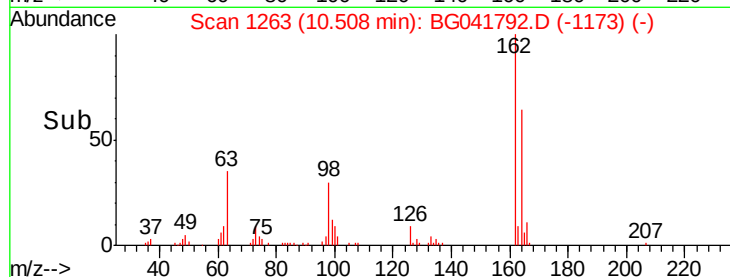
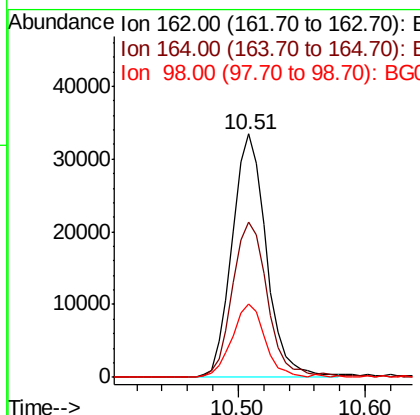
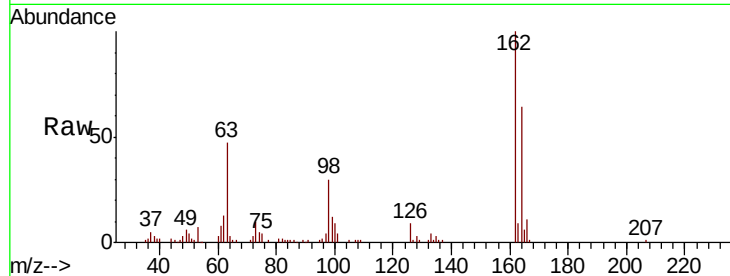
#29
 2,4-Dichlorophenol
 Concen: 9.815 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	46.1	86.1
98	30.3	14.7	54.7

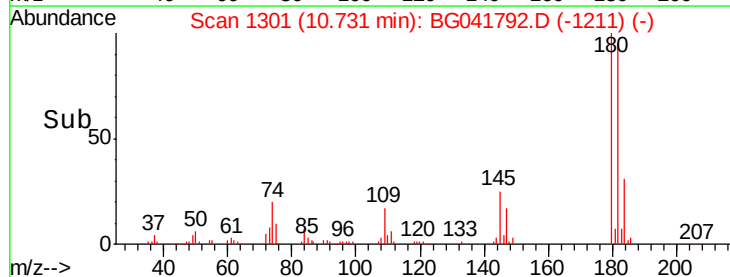
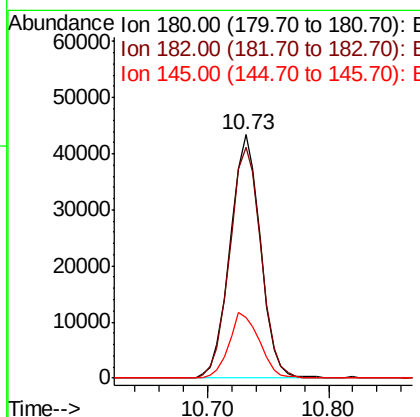
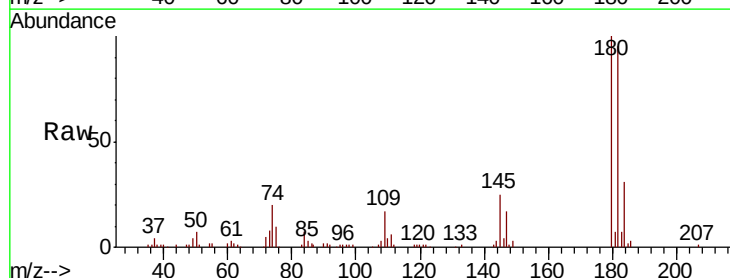
Manual Integrations
 APPROVED

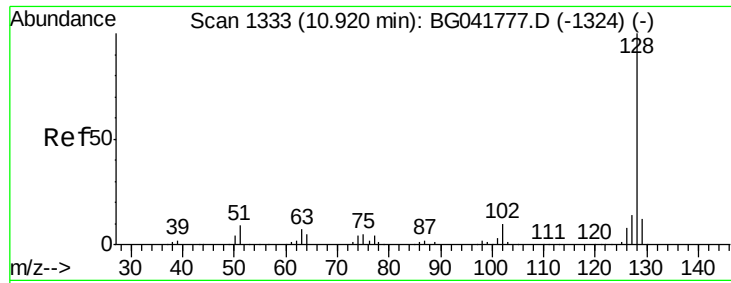
mohammad
 7/30/2019 4:52:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 9.394 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.2
145	24.9	23.8	35.8





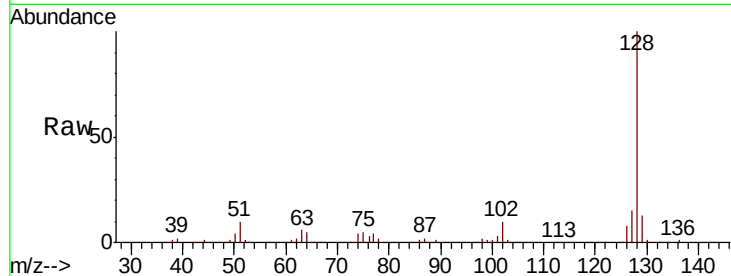
#31
Naphthalene
Concen: 10.199 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

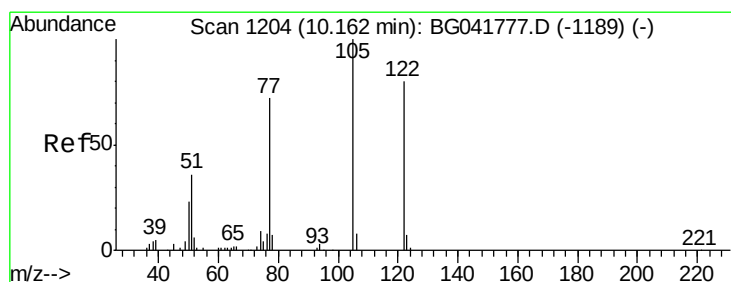
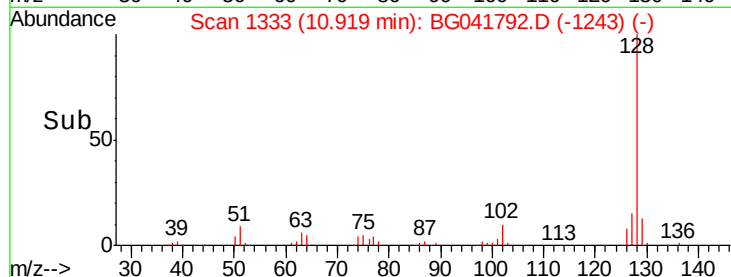
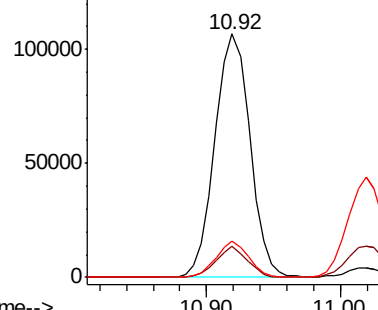
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.0	15.0
127	14.8	12.3	18.5

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM

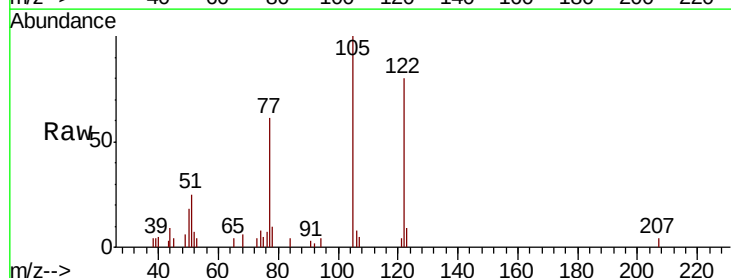


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

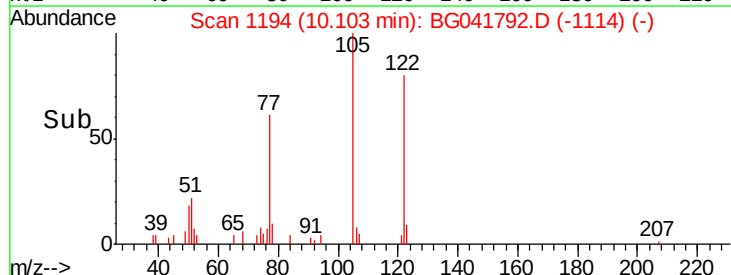
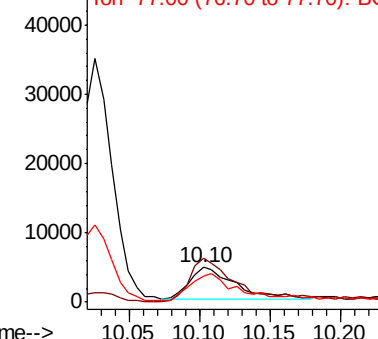


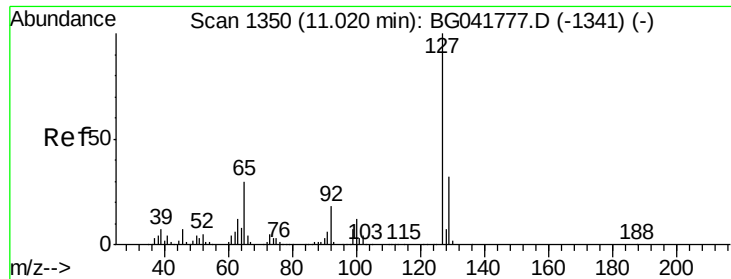
#32
Benzoic acid
Concen: 11.047 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.06 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	101.5	141.5
77	76.4	73.0	113.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





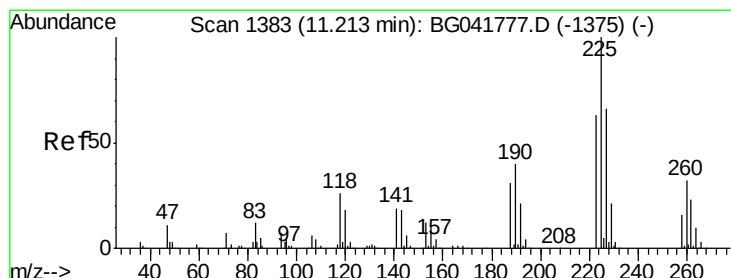
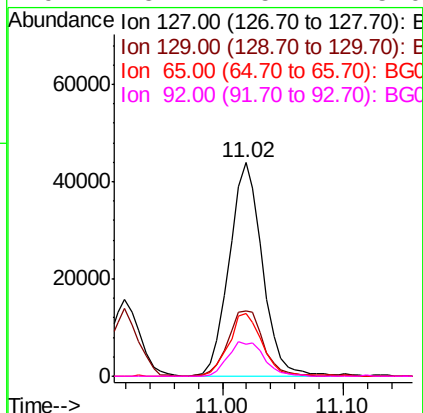
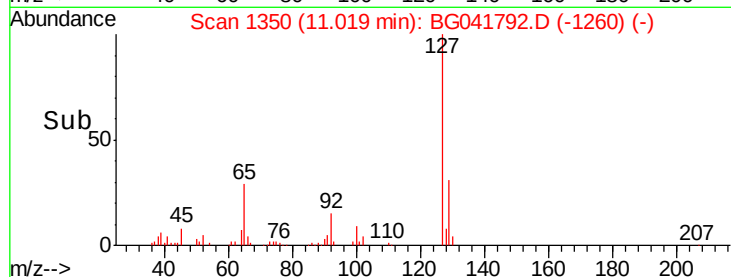
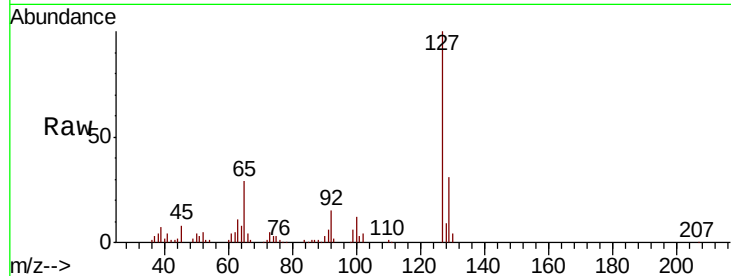
#33
4-Chloroaniline
Concen: 9.287 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.8	38.8
65	29.1	26.7	40.1
92	15.2	15.4	23.0

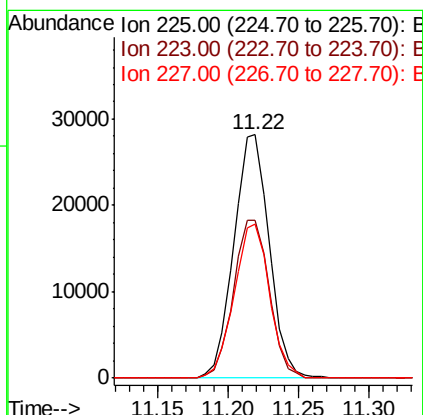
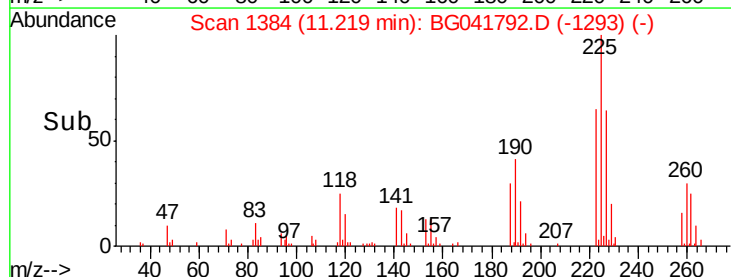
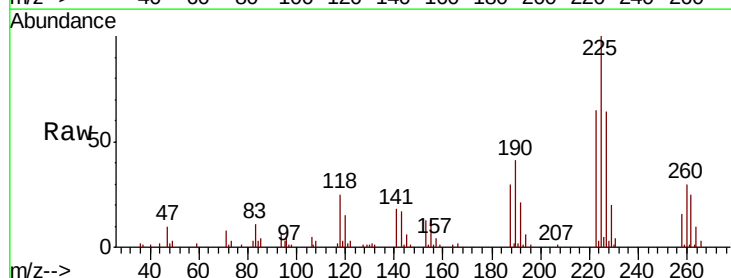
Manual Integrations
APPROVED

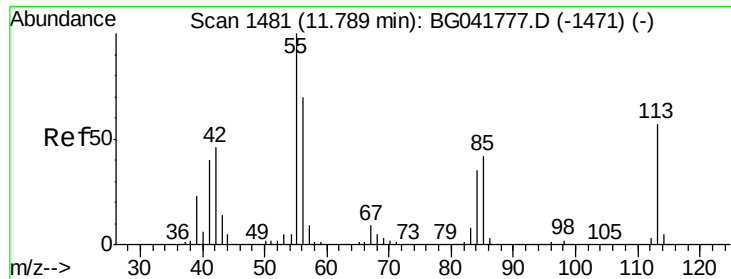
mohammad
7/30/2019 4:52:34 PM



#34
Hexachlorobutadiene
Concen: 9.069 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.1	76.7
227	63.5	50.9	76.3





#35

Caprolactam

Concen: 9.846 ng

RT: 11.77 min Scan# 1478

Delta R.T. -0.02 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:113 Resp: 21769

Ion Ratio Lower Upper

113 100

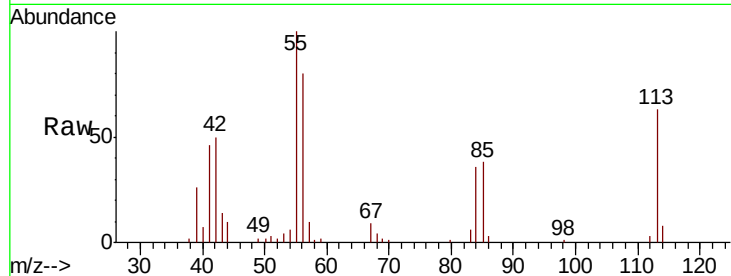
55 157.6 199.4 239.4#

56 125.7 133.6 173.6#

Manual Integrations
APPROVED

mohammad

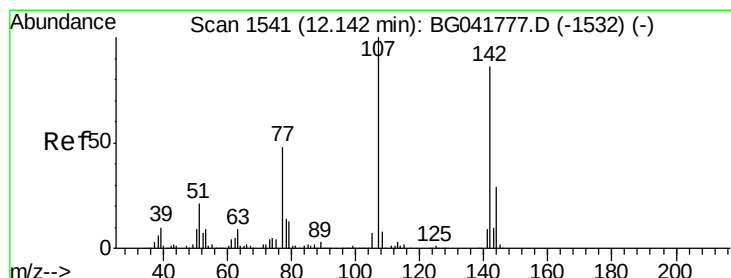
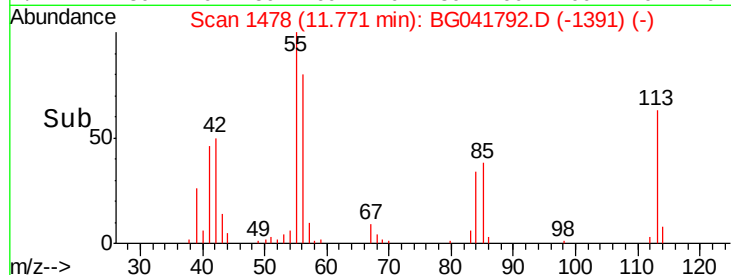
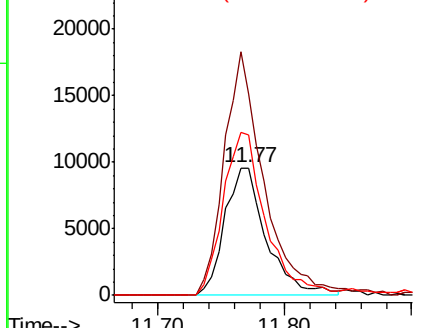
7/30/2019 4:52:34 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 9.861 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

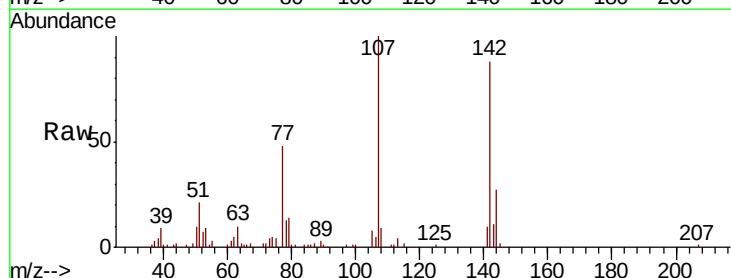
Tgt Ion:107 Resp: 62193

Ion Ratio Lower Upper

107 100

144 26.5 22.2 33.2

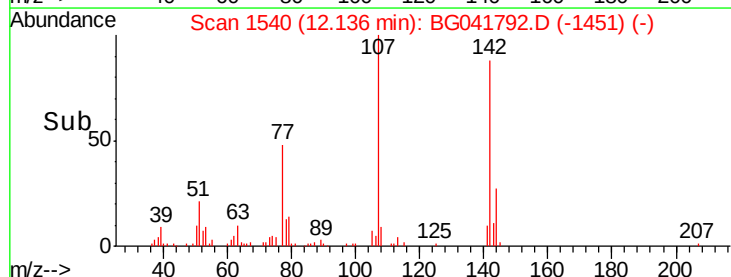
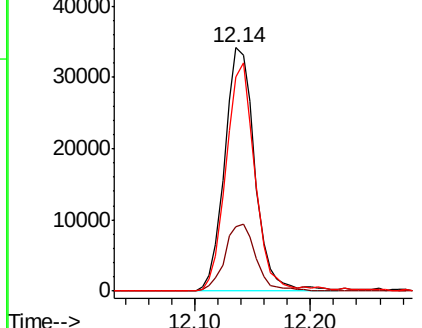
142 88.2 67.3 100.9

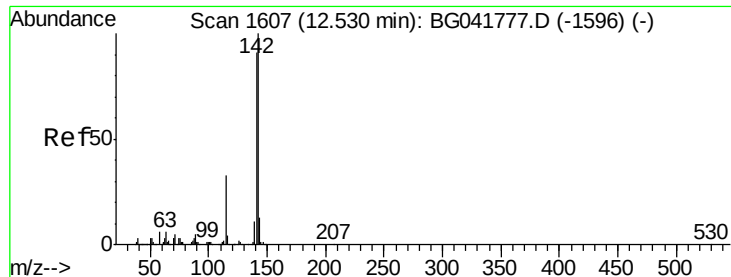


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





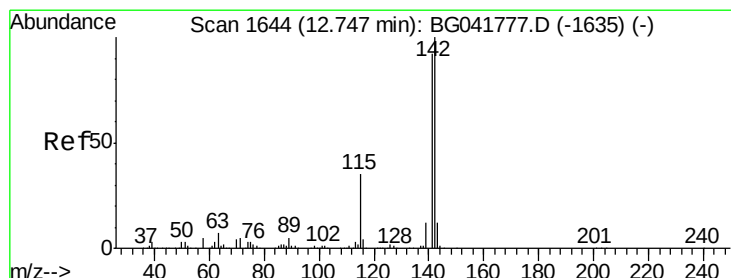
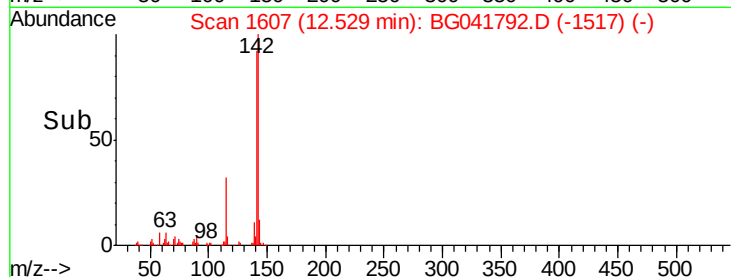
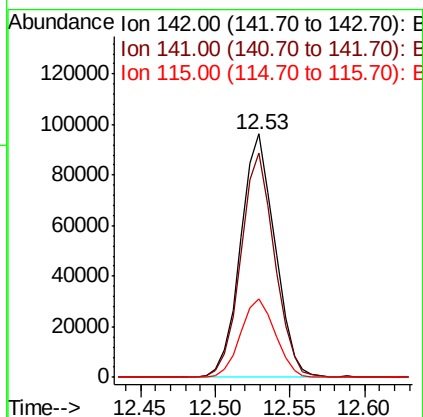
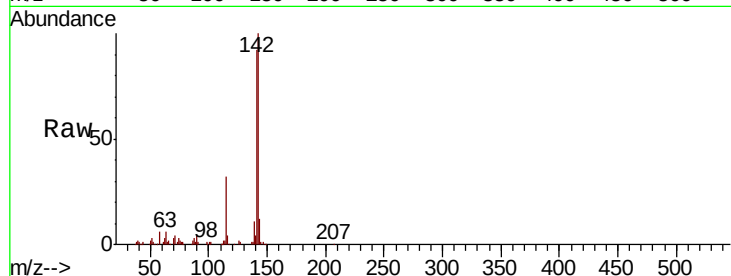
#37
2-Methylnaphthalene
Concen: 10.196 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.7	109.1
115	32.0	27.0	40.4

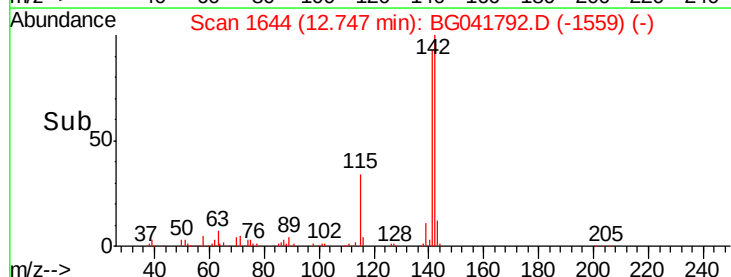
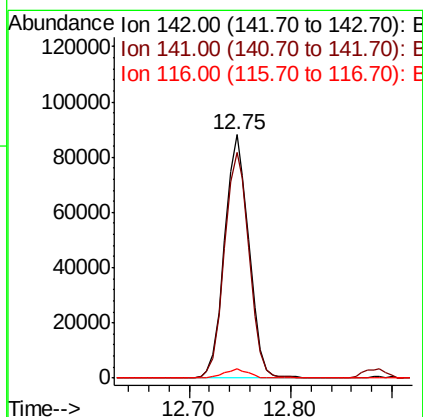
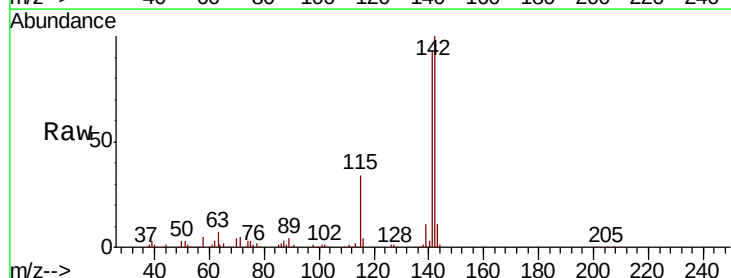
Manual Integrations
APPROVED

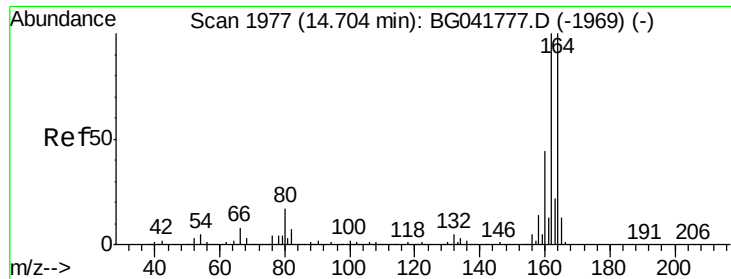
mohammad
7/30/2019 4:52:34 PM



#38
1-Methylnaphthalene
Concen: 10.207 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.4	113.2
116	3.9	3.2	4.8





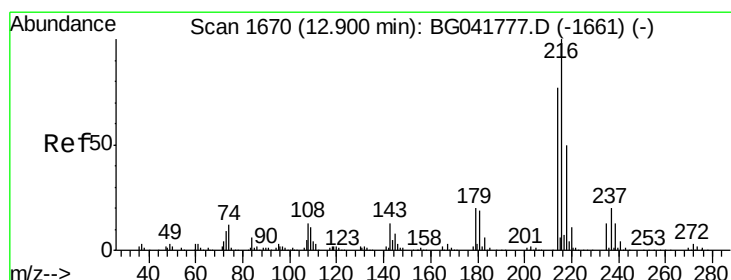
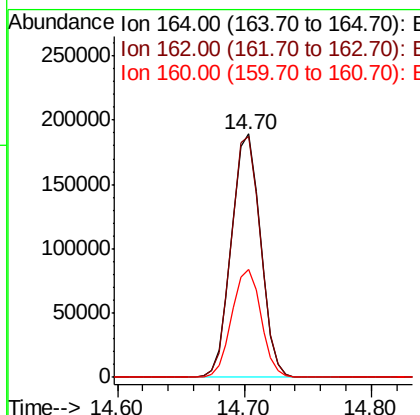
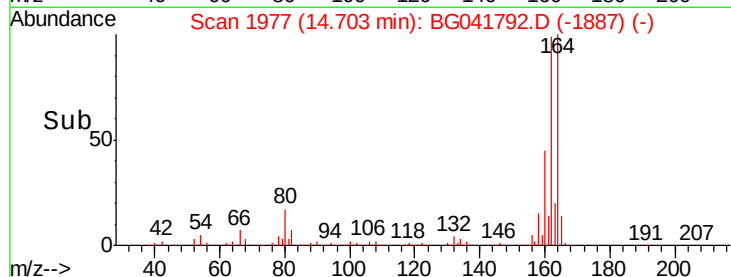
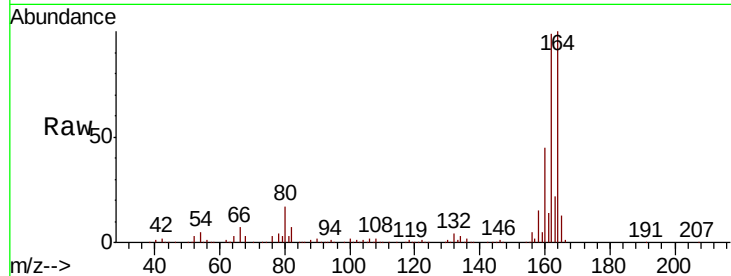
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.6	119.4
160	44.5	35.4	53.0

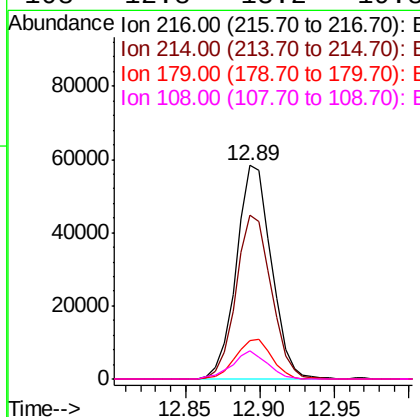
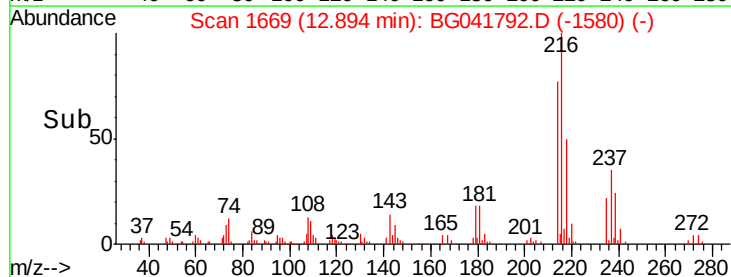
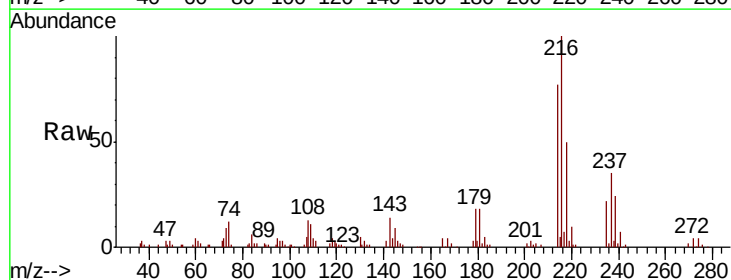
Manual Integrations
APPROVED

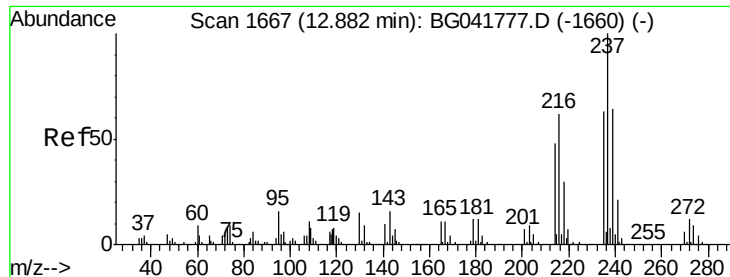
mohammad
7/30/2019 4:52:34 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.975 ng
RT: 12.89 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.1	61.5	92.3
179	18.9	16.2	24.2
108	12.8	13.2	19.8#





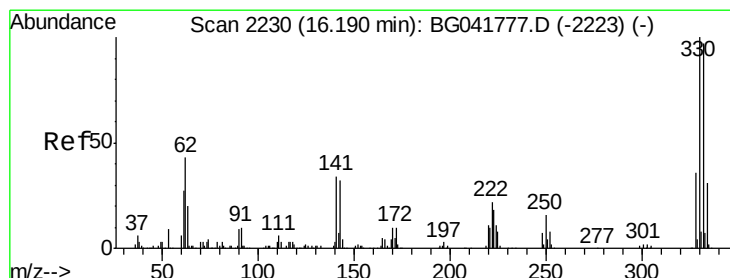
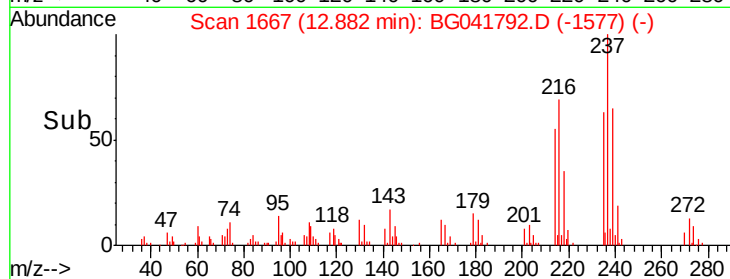
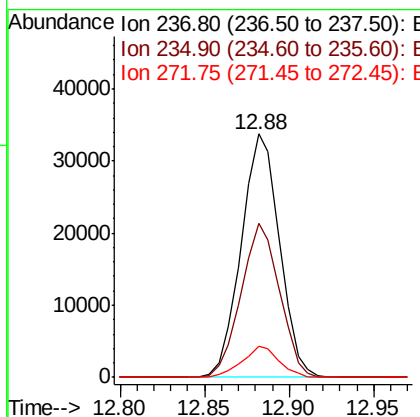
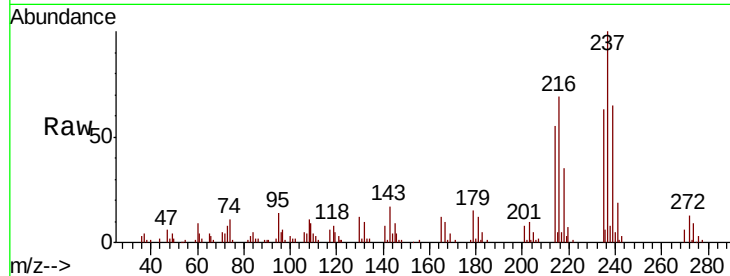
#41
Hexachlorocyclopentadiene
Concen: 9.932 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.5	83.5
272	12.6	0.0	31.2

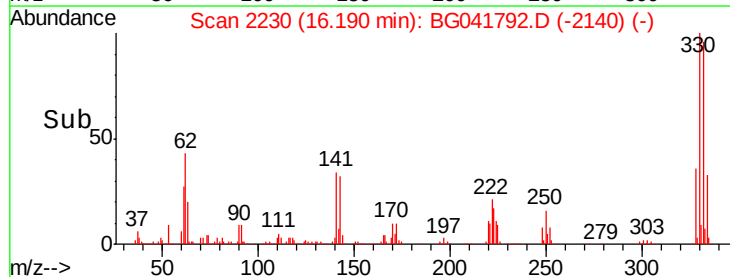
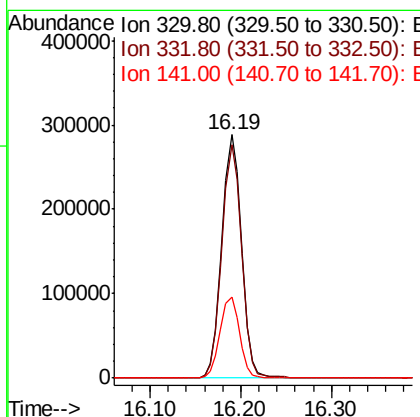
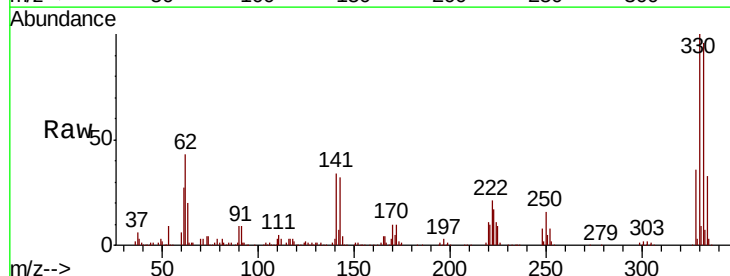
Manual Integrations
APPROVED

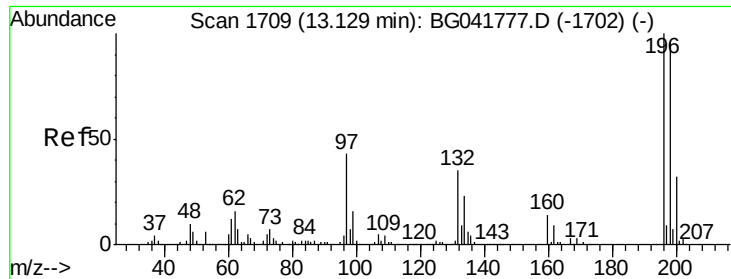
mohammad
7/30/2019 4:52:34 PM



#42
2,4,6-Tribromophenol
Concen: 127.333 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	33.2	31.9	47.9





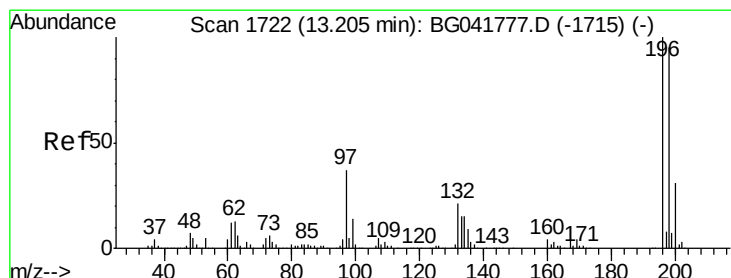
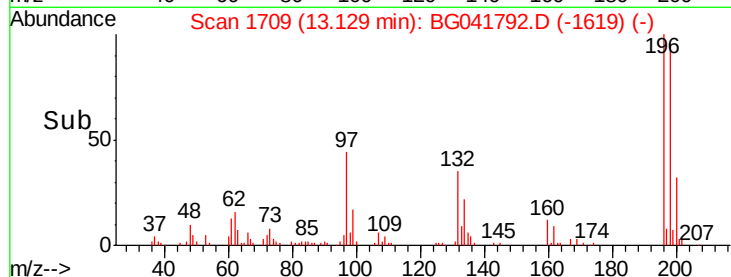
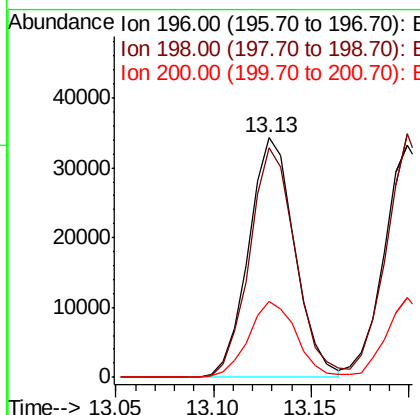
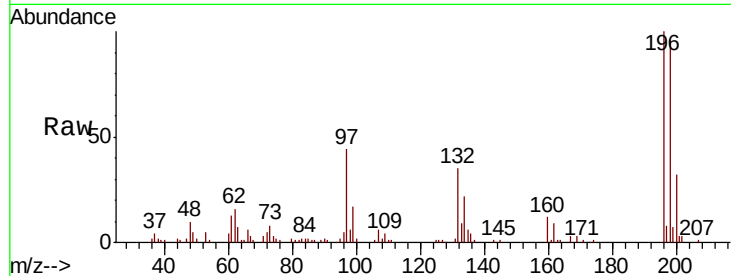
#43
 2,4,6-Trichlorophenol
 Concen: 9.299 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	55918		
198	95.6	79.6	119.4	
200	31.7	25.2	37.8	

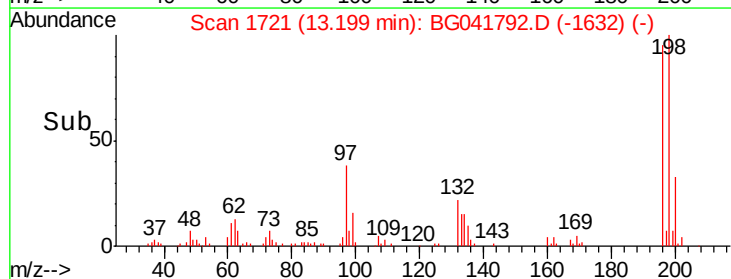
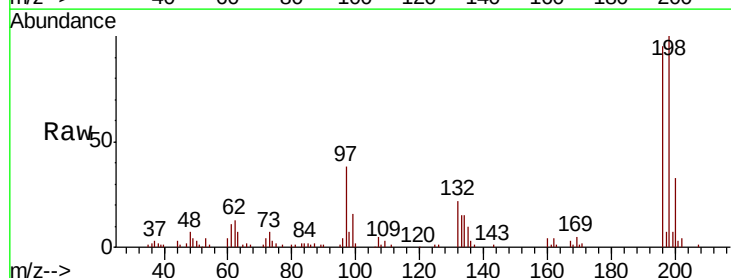
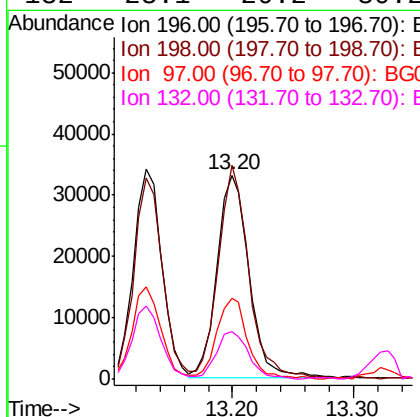
Manual Integrations
 APPROVED

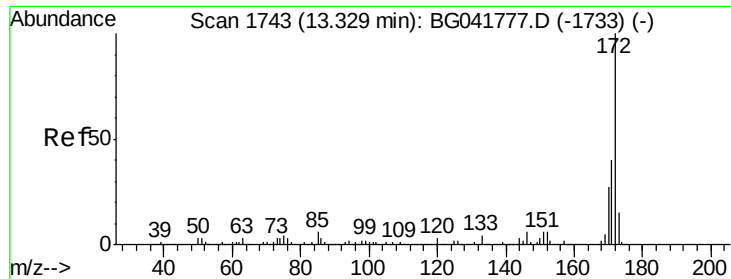
mohammad
 7/30/2019 4:52:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 9.664 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	60390		
198	104.8	80.6	121.0	
97	39.9	33.9	50.9	
132	23.1	20.2	30.2	





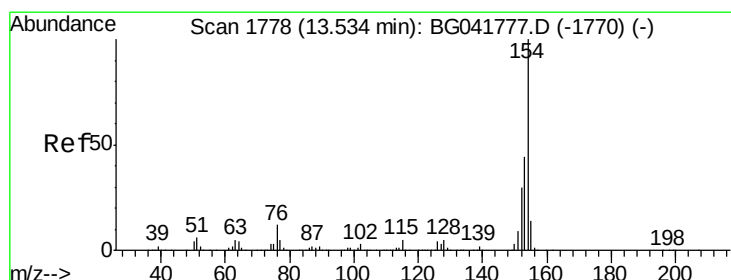
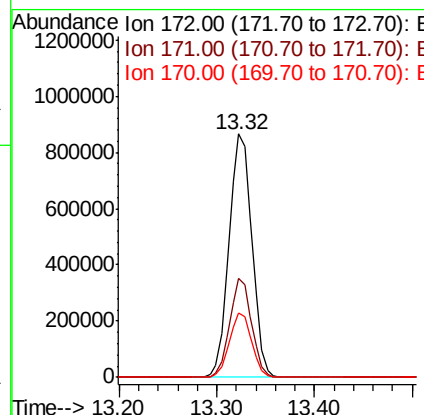
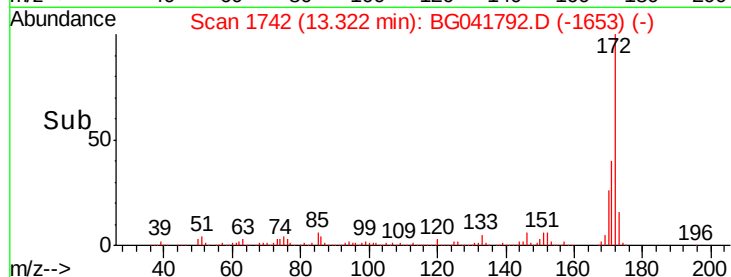
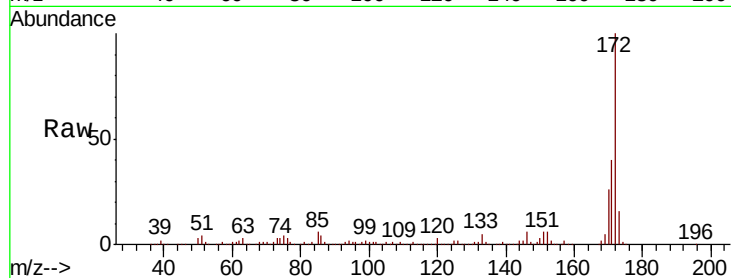
#45
2-Fluorobiphenyl
Concen: 82.456 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.4	35.0	52.4
170	26.5	23.5	35.3

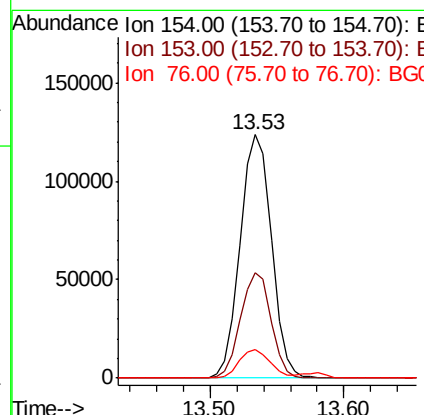
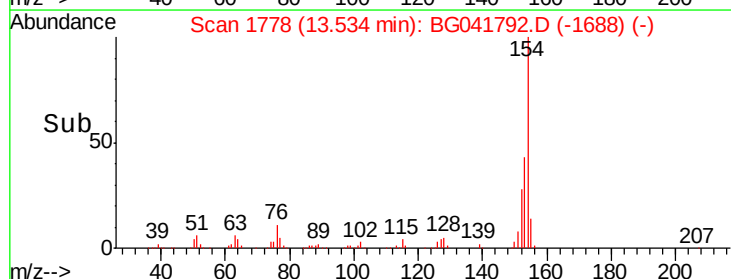
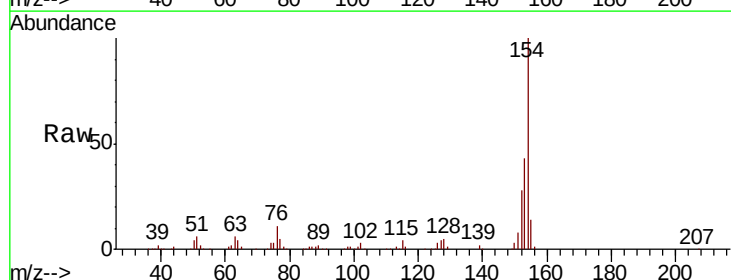
Manual Integrations
APPROVED

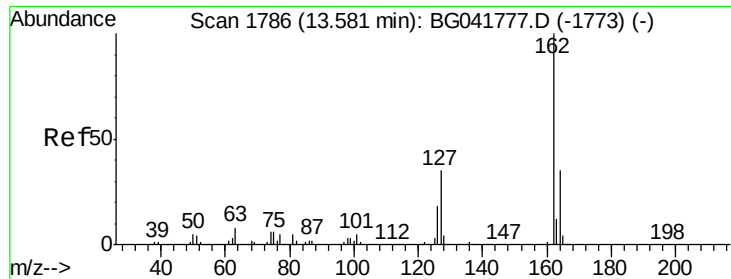
mohammad
7/30/2019 4:52:34 PM



#46
1,1'-Biphenyl
Concen: 10.394 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	25.0	65.0
76	11.5	0.0	34.5





#47

2-Chloronaphthalene

Concen: 9.789 ng

RT: 13.58 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

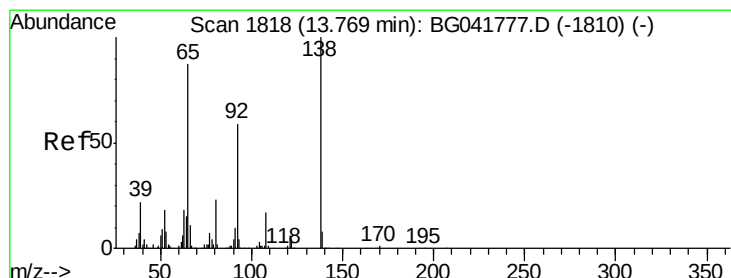
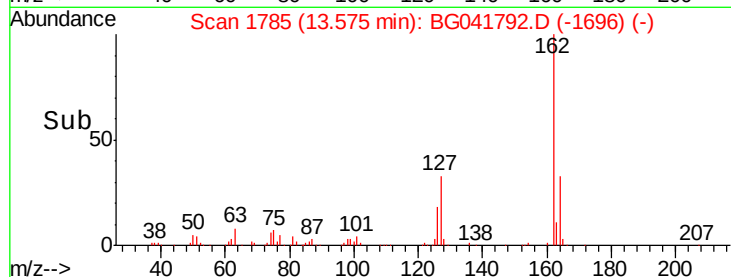
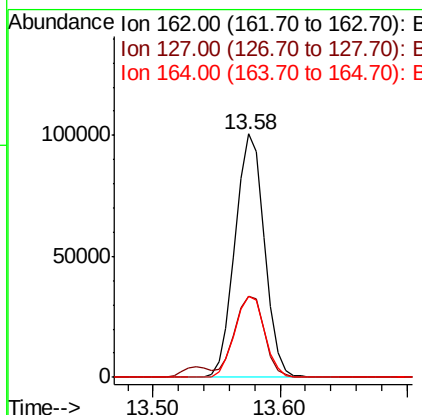
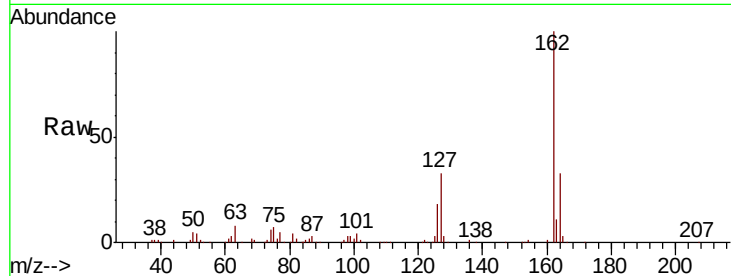
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	162	Resp:	161029
Ion Ratio	Lower	Upper	
162	100		
127	33.1	30.4	45.6
164	33.2	28.6	42.8

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



#48

2-Nitroaniline

Concen: 9.173 ng

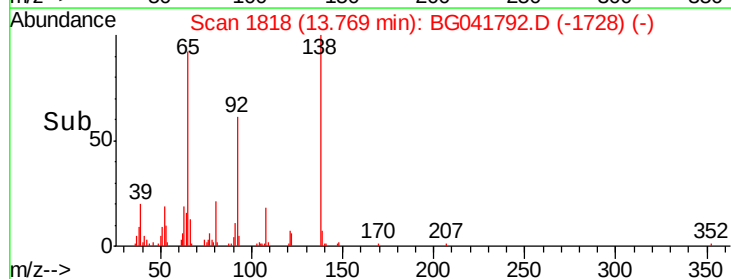
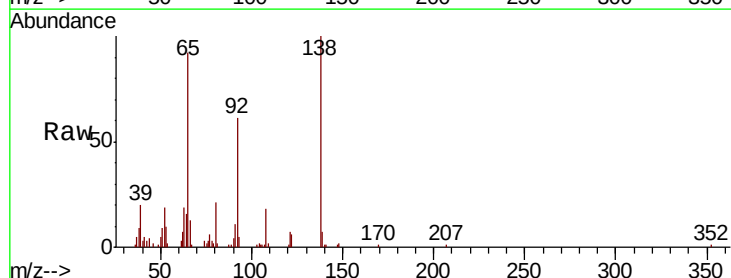
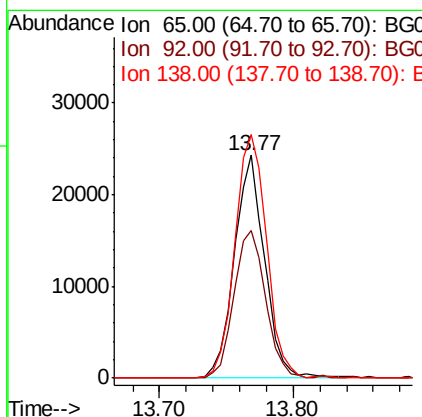
RT: 13.77 min Scan# 1818

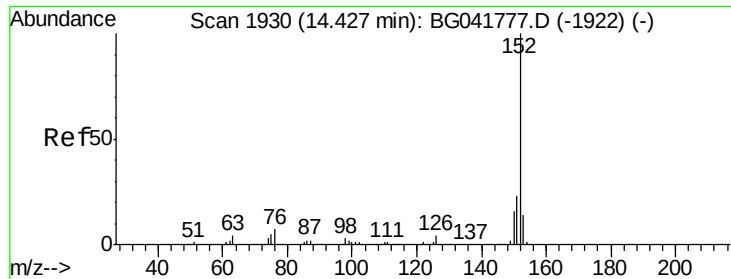
Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion:	65	Resp:	38272
Ion Ratio	Lower	Upper	
65	100		
92	66.1	53.9	80.9
138	109.1	83.5	125.3





#49

Acenaphthylene

Concen: 10.751 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

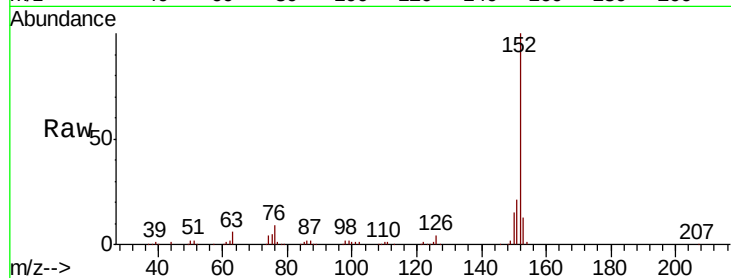
ClientSampleId :

LOQ-WATER-02-QT3-2019

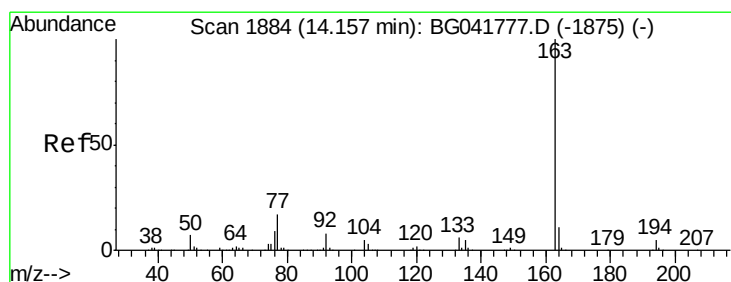
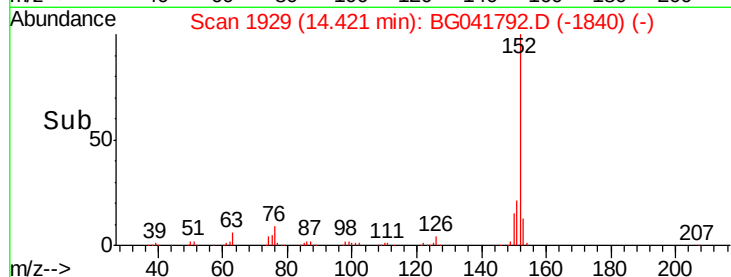
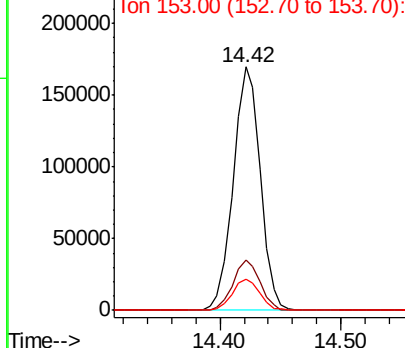
Tot Ion:	152	Resp:	264540
Ion Ratio	Lower	Upper	
152	100		
151	20.8	18.7	28.1
153	12.8	12.4	18.6

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 10.365 ng

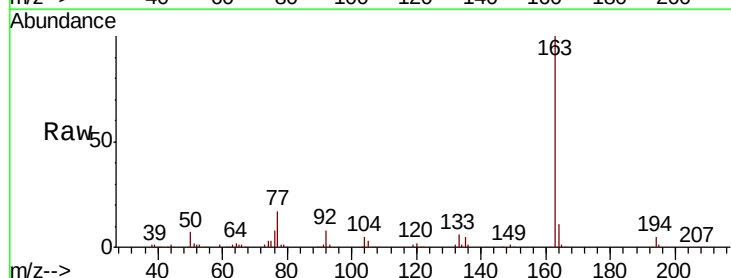
RT: 14.14 min Scan# 1882

Delta R.T. -0.01 min

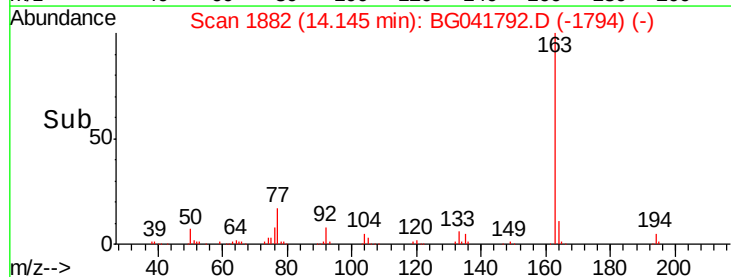
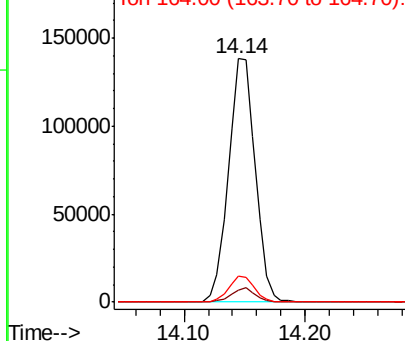
Lab File: BG041792.D

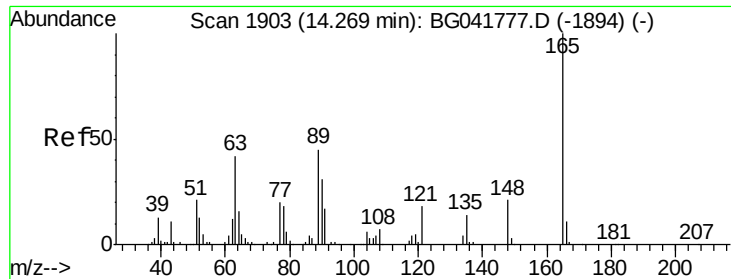
Acq: 29 Jul 2019 17:02

Tgt Ion:	163	Resp:	212759
Ion Ratio	Lower	Upper	
163	100		
194	4.9	4.2	6.2
164	10.5	9.4	14.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





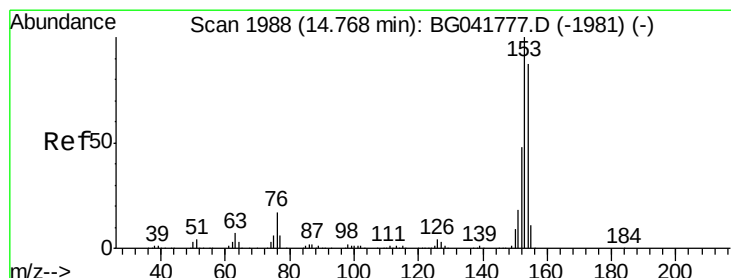
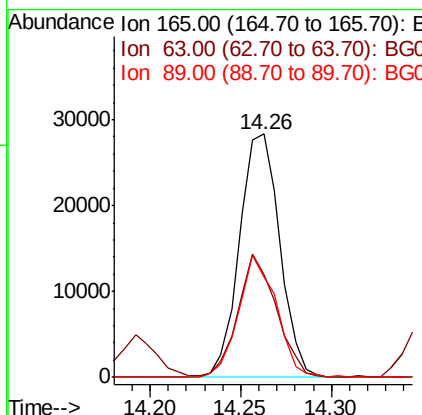
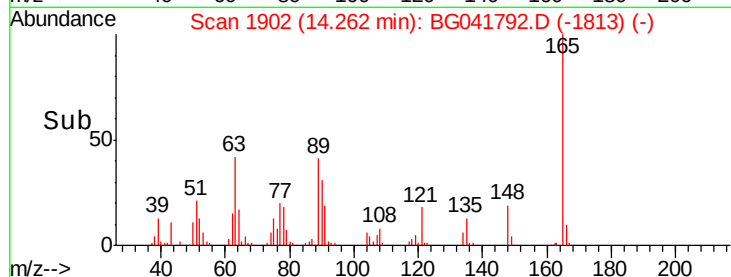
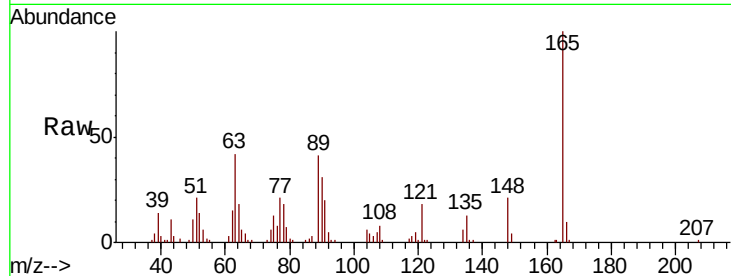
#51
2,6-Dinitrotoluene
Concen: 10.205 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	42.4	63.6#
89	41.1	42.1	63.1#

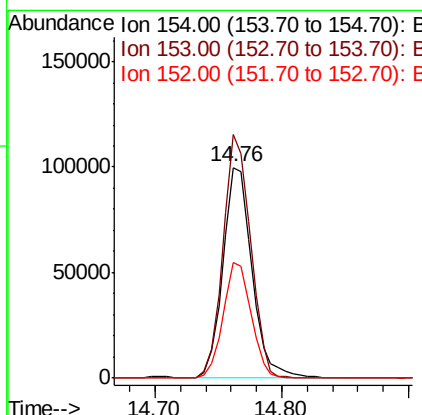
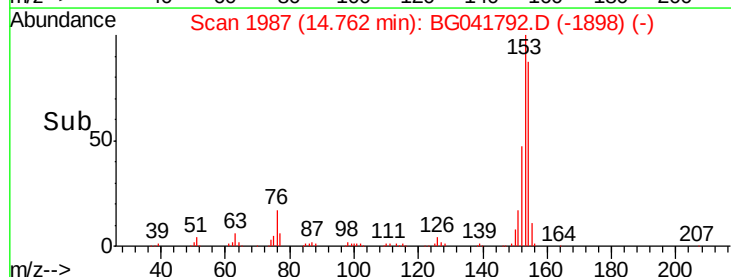
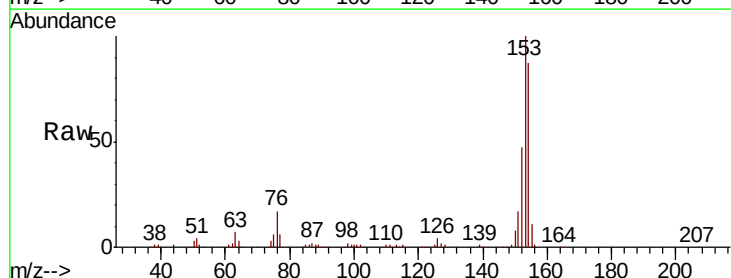
Manual Integrations
APPROVED

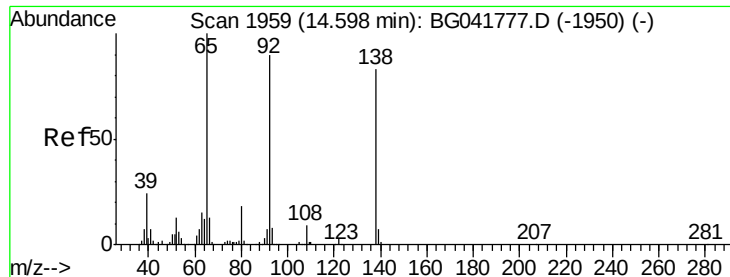
mohammad
7/30/2019 4:52:34 PM



#52
Acenaphthene
Concen: 9.936 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.8	134.6
152	54.7	44.9	67.3





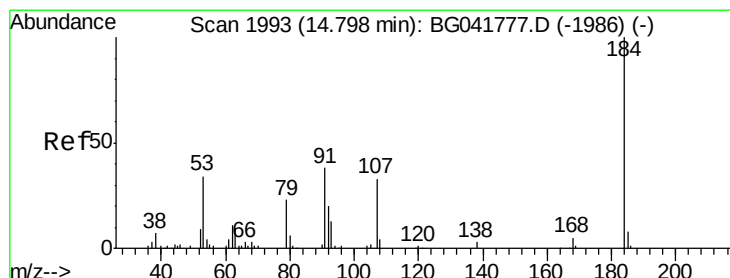
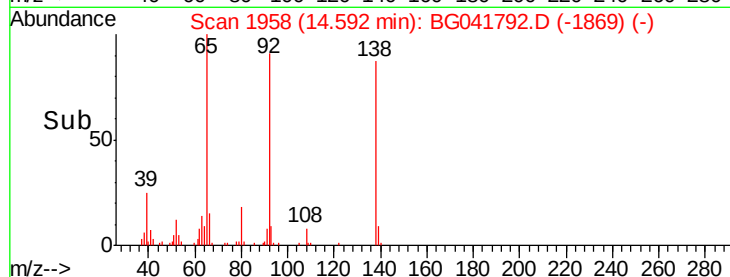
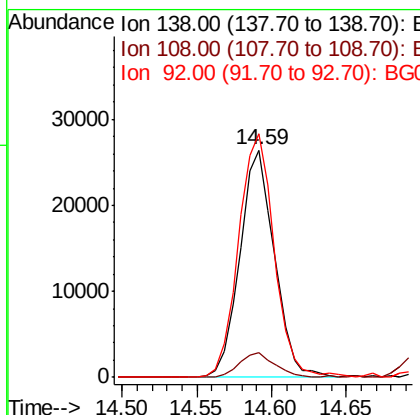
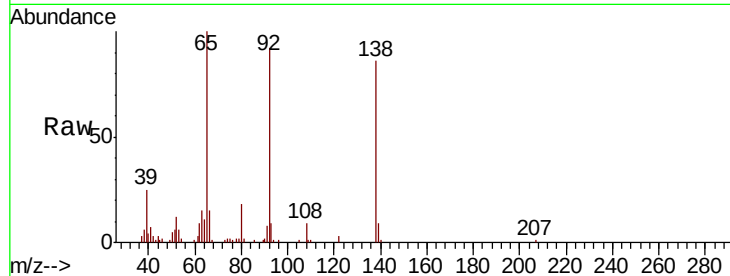
#53
3-Nitroaniline
Concen: 9.219 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	10.3	15.5
92	107.0	93.0	139.4

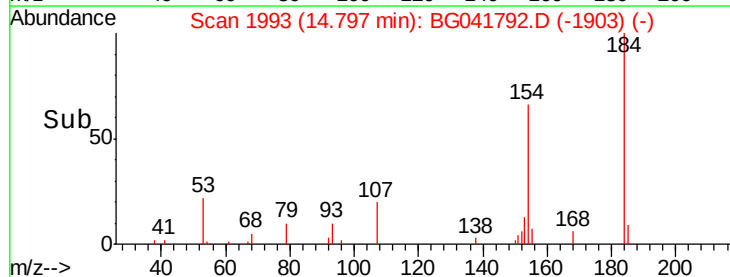
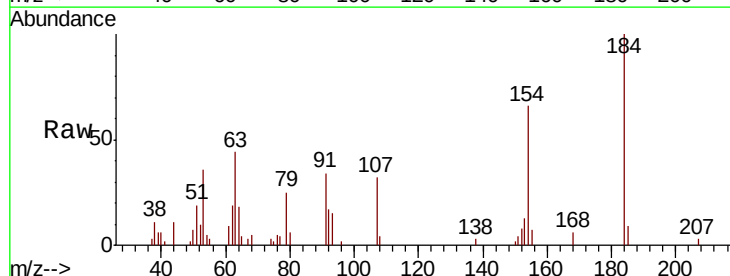
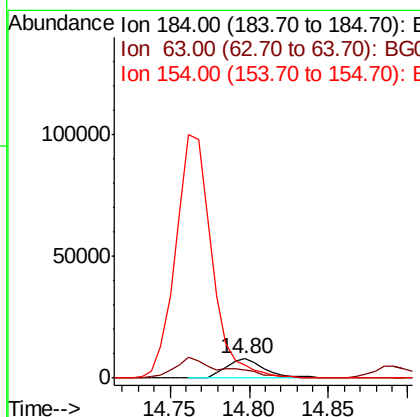
Manual Integrations
APPROVED

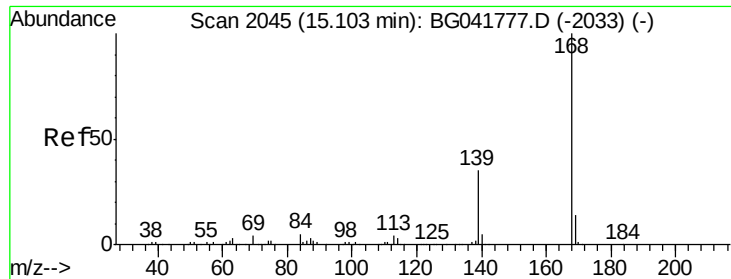
mohammad
7/30/2019 4:52:34 PM



#54
2,4-Dinitrophenol
Concen: 10.174 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	43.9	43.2	64.8
154	65.9	51.4	77.2





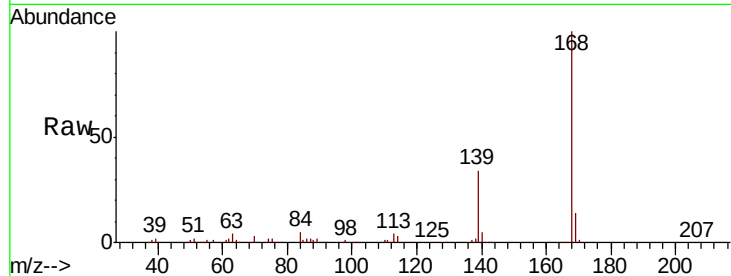
#55
Dibenzofuran
Concen: 10.838 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.5	31.9	47.9
169	14.0	12.5	18.7

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM

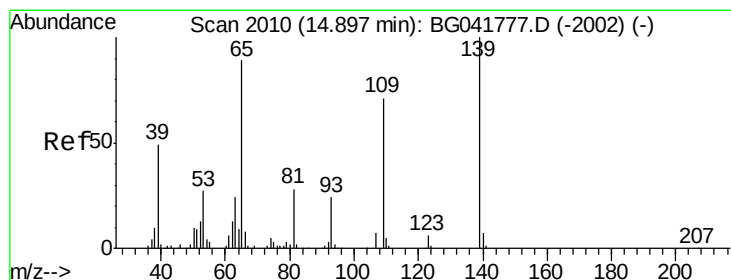
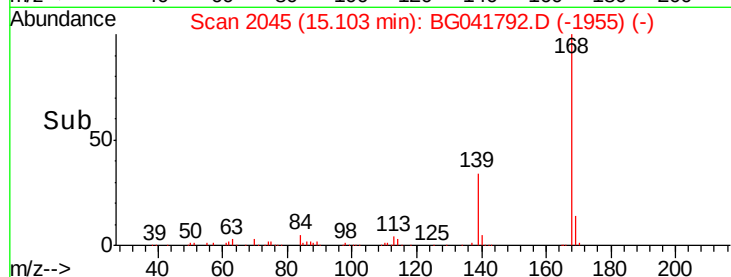
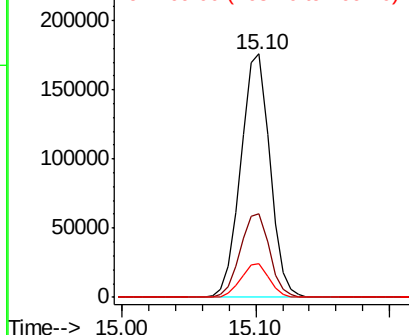


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 9.249 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

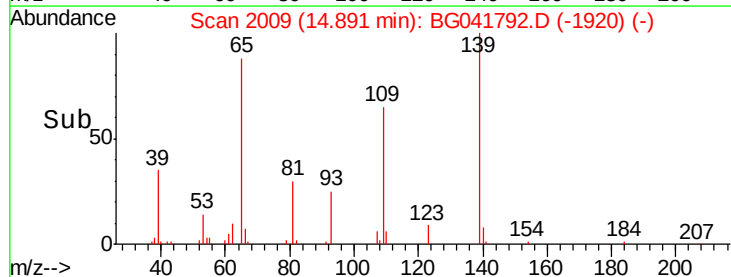
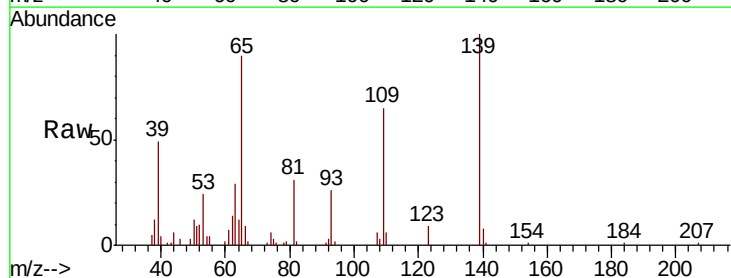
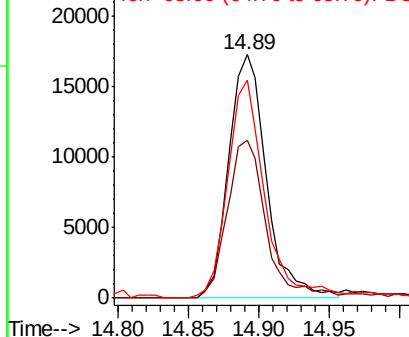
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.6	51.3	91.3
65	89.6	77.6	117.6

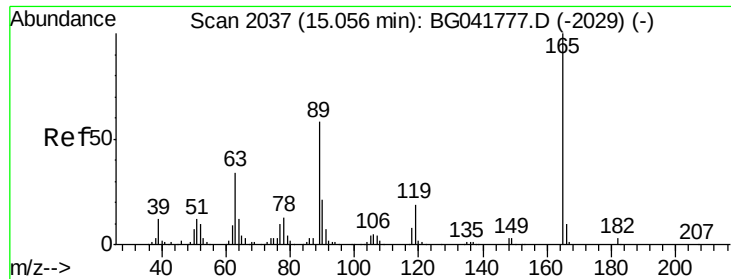
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





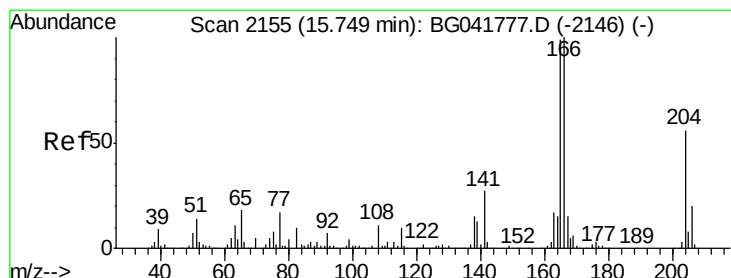
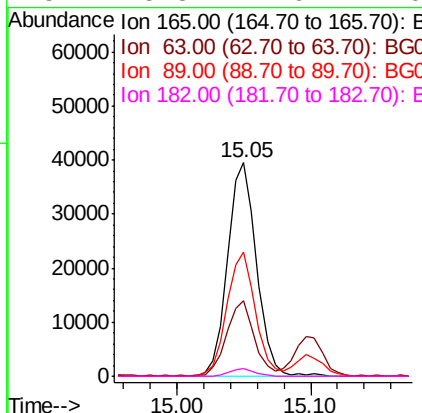
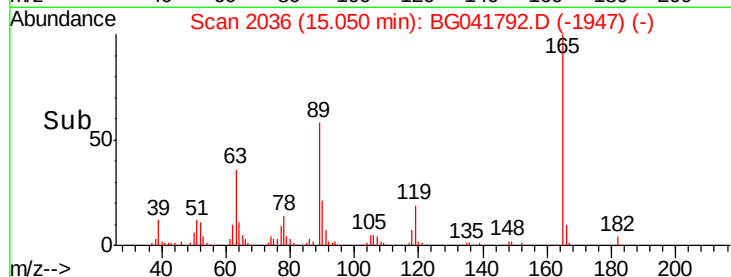
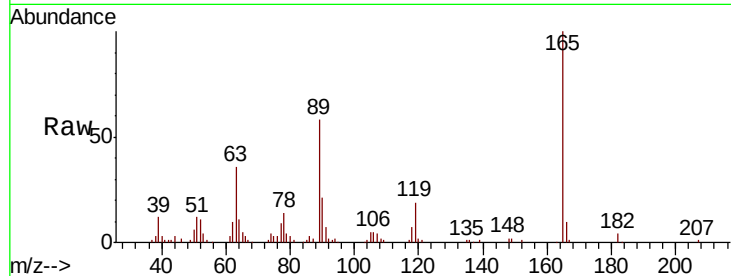
#57
2,4-Dinitrotoluene
Concen: 10.105 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	59650		
63	35.5		31.7	47.5
89	57.9		50.2	75.4
182	3.8		2.6	4.0

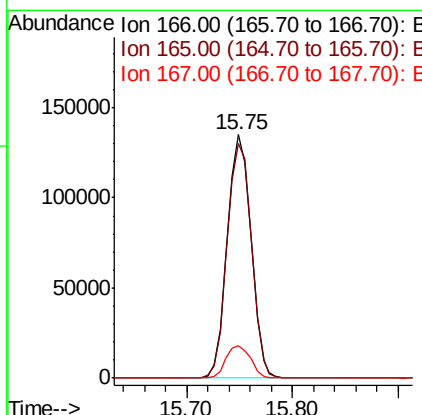
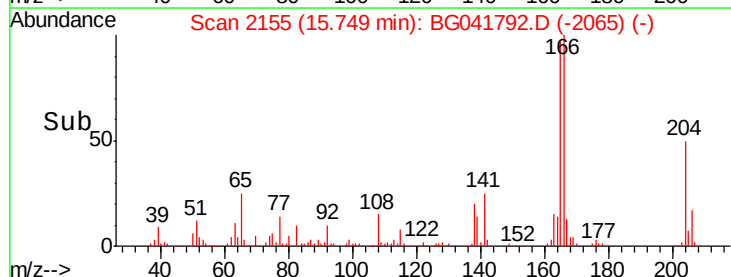
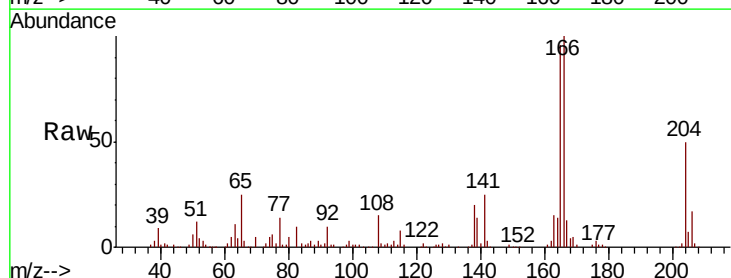
Manual Integrations
APPROVED

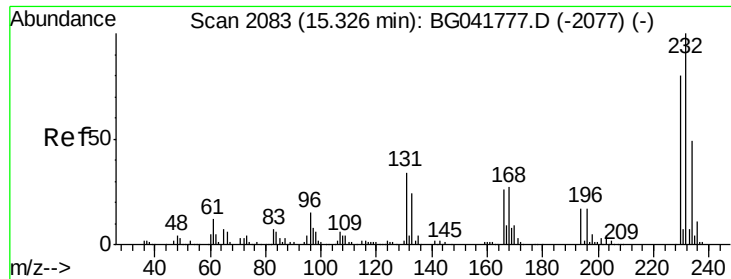
mohammad
7/30/2019 4:52:34 PM



#58
Fluorene
Concen: 10.662 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	209459		
165	96.4		80.5	120.7
167	13.1		12.4	18.6





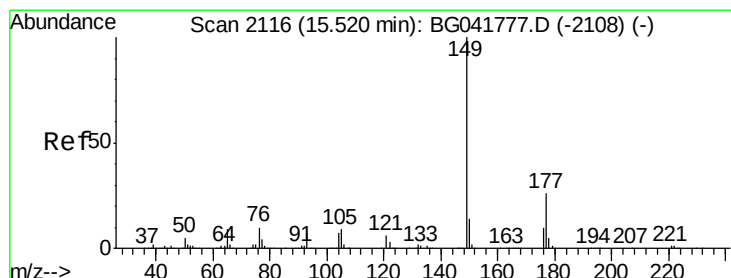
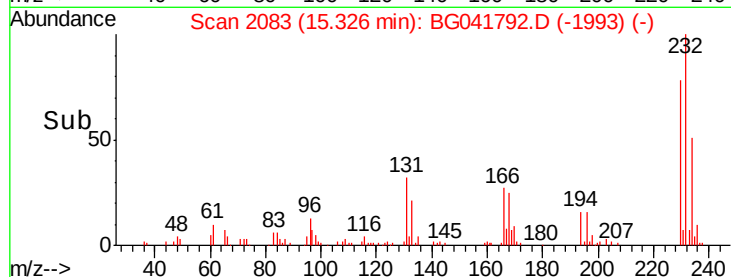
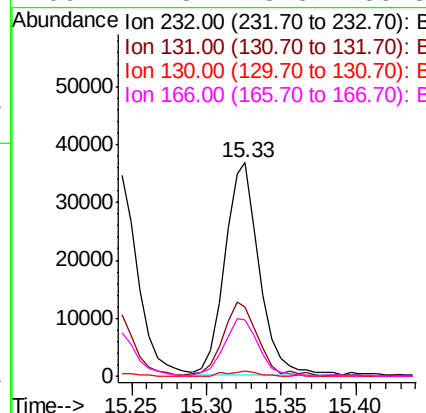
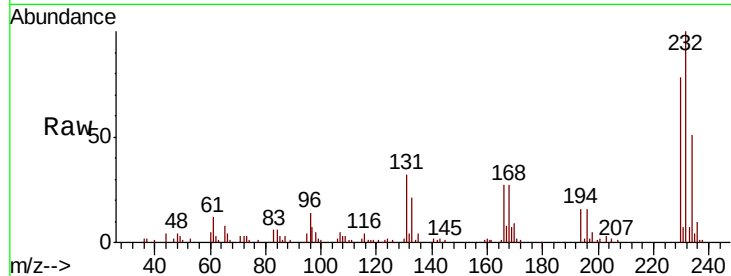
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.518 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		58911		
131	35.8	31.8	47.6		
130	2.2	1.8	2.8		
166	27.8	23.5	35.3		

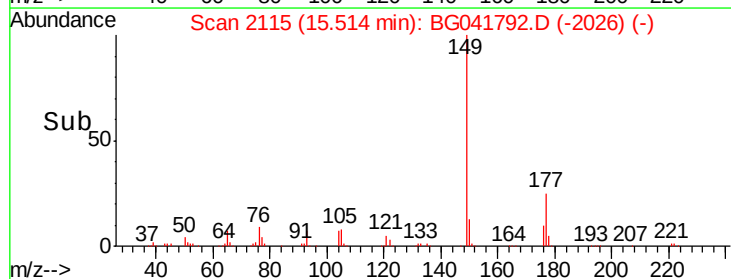
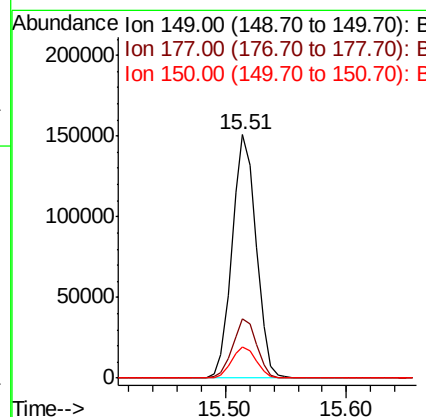
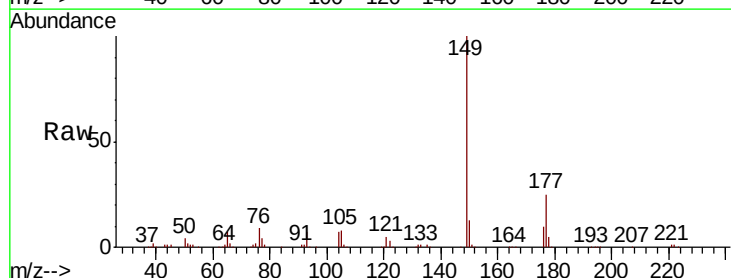
Manual Integrations
 APPROVED

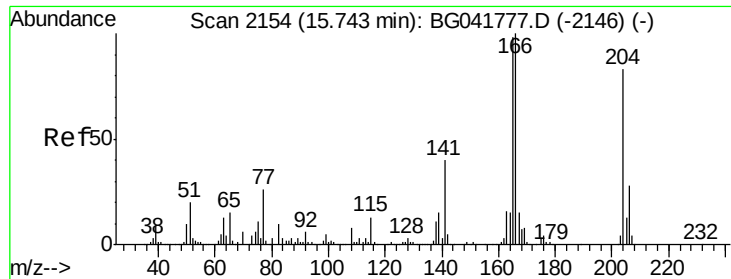
mohammad
 7/30/2019 4:52:34 PM



#60
 Diethylphthalate
 Concen: 10.349 ng
 RT: 15.51 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		208574		
177	24.6	20.7	31.1		
150	12.8	11.5	17.3		





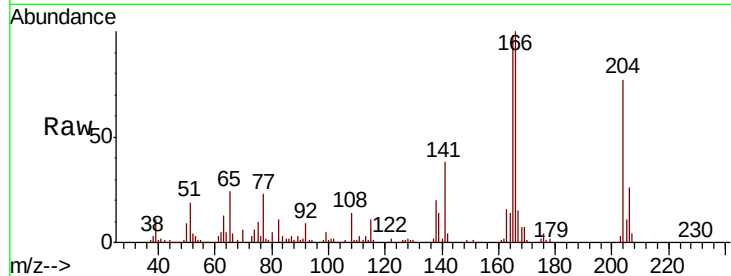
#61
 4-Chlorophenyl-phenylether
 Concen: 10.114 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
204	100	121295		
206	33.3	28.6	42.8	
141	48.8	42.9	64.3	

Manual Integrations
 APPROVED

mohammad
 7/30/2019 4:52:34 PM

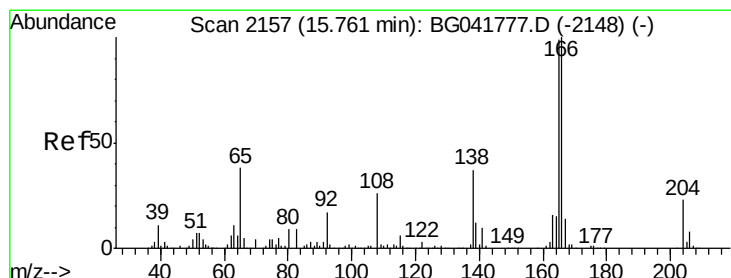
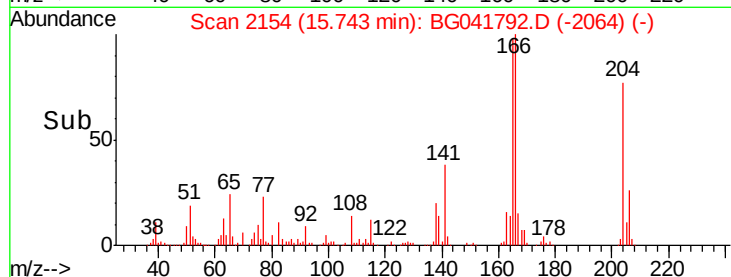
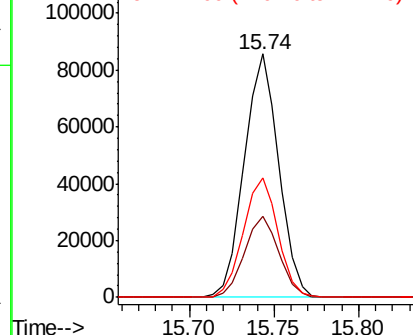


Abundance

Ion 204.00 (203.70 to 204.70): E

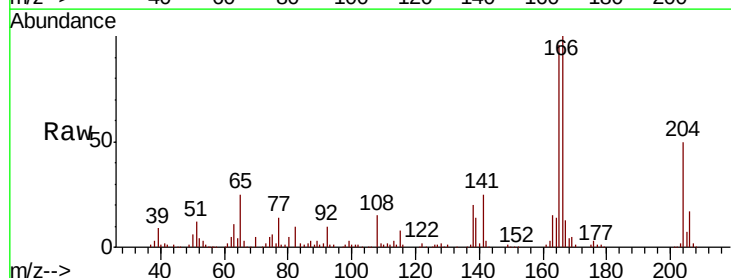
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 9.642 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	47959		
92	47.6	29.8	69.8	
108	72.2	52.2	92.2	

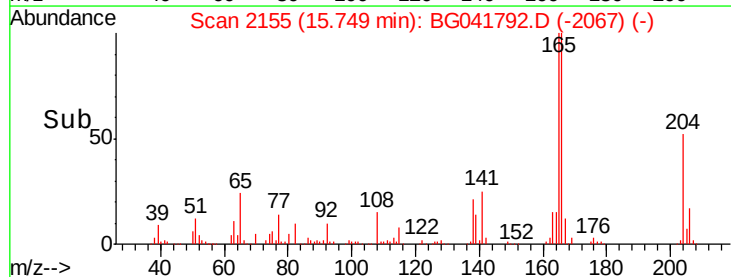
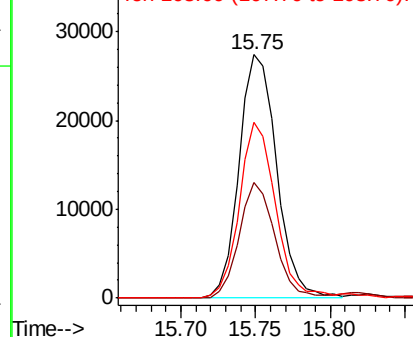


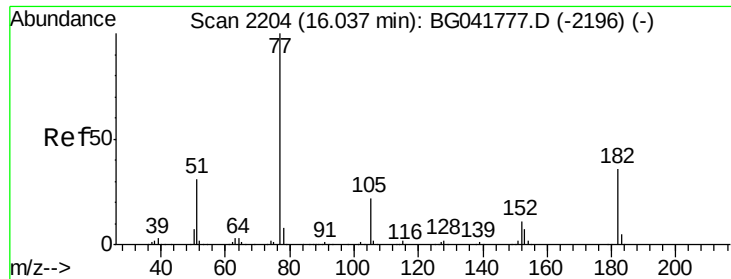
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





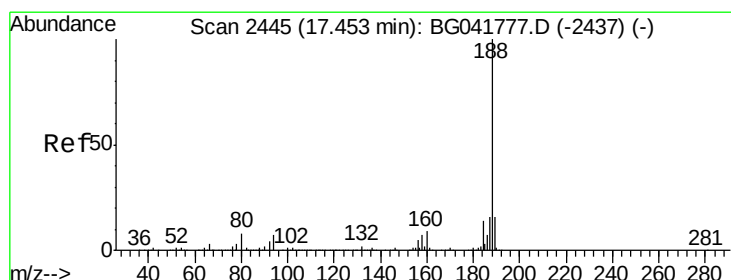
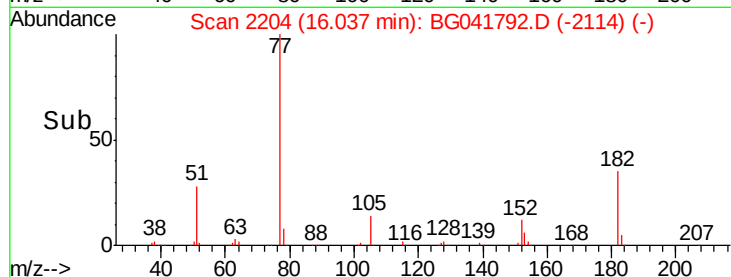
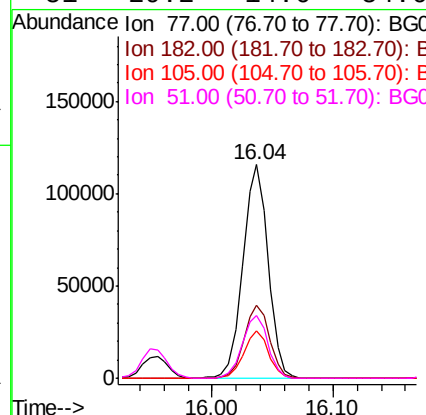
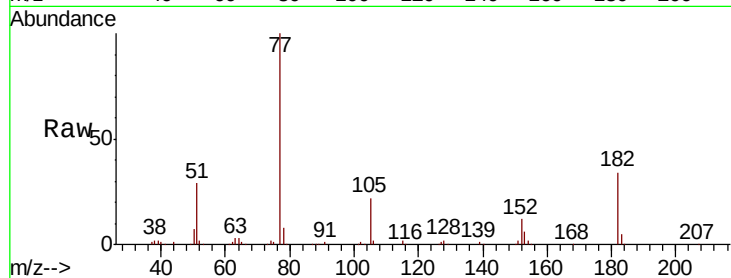
#63
Azobenzene
Concen: 10.237 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		168529		
182	34.0	13.2	53.2		
105	22.2	2.2	42.2		
51	29.2	14.6	54.6		

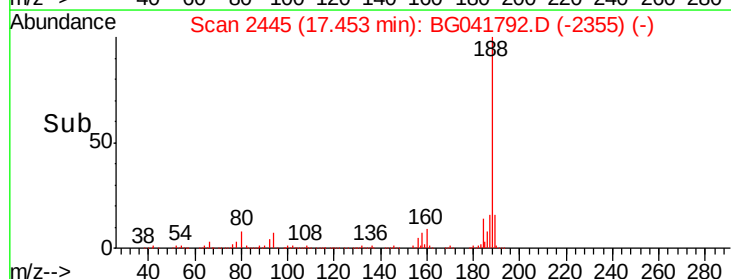
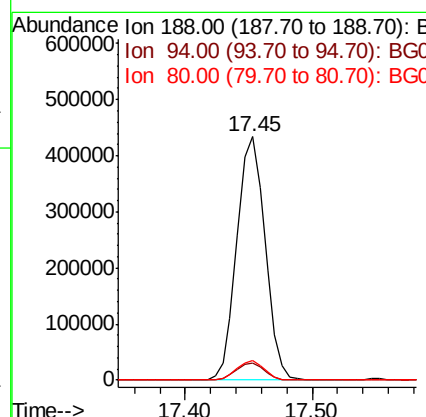
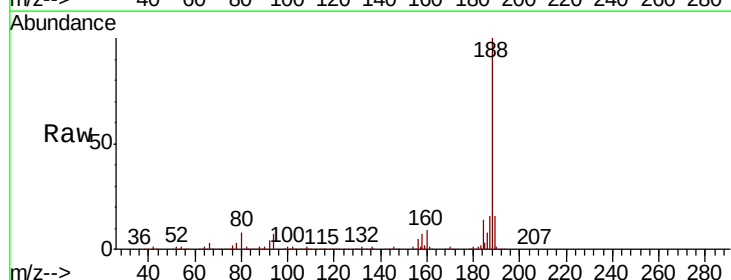
Manual Integrations
APPROVED

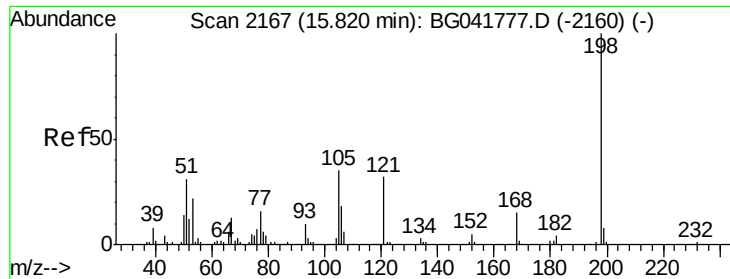
mohammad
7/30/2019 4:52:34 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		668780		
94	7.2	6.9	10.3		
80	7.9	8.0	12.0		





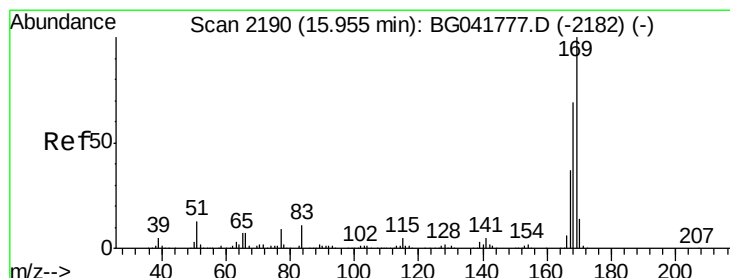
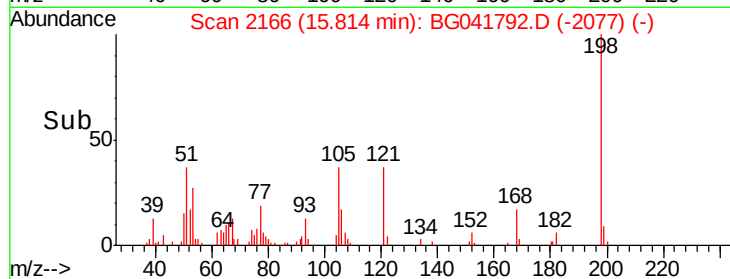
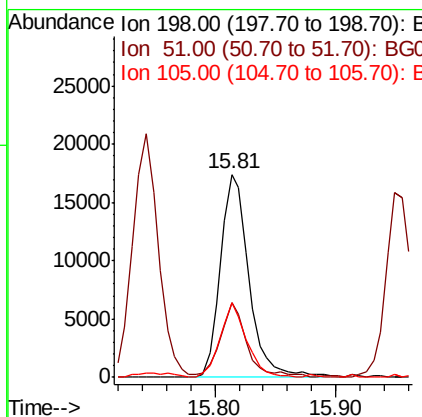
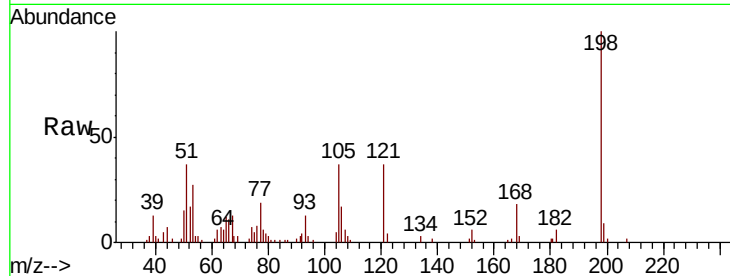
#65
 4,6-Dinitro-2-methylphenol
 Concen: 14.275 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.9	22.3	62.3
105	36.8	18.0	58.0

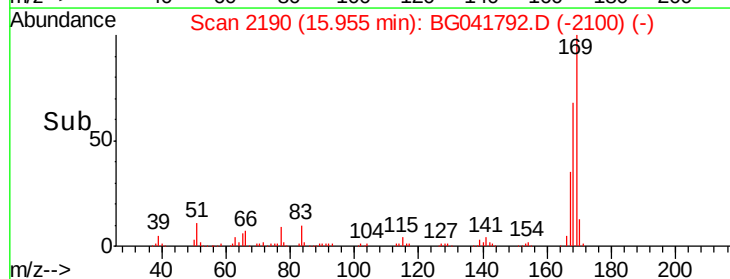
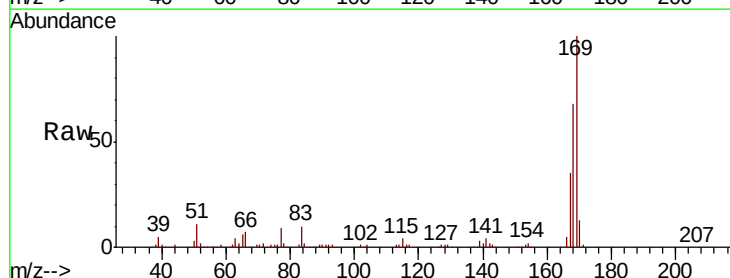
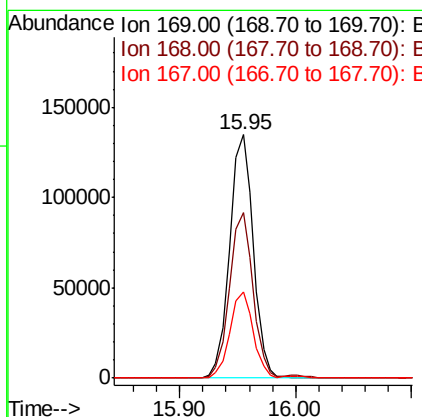
Manual Integrations
 APPROVED

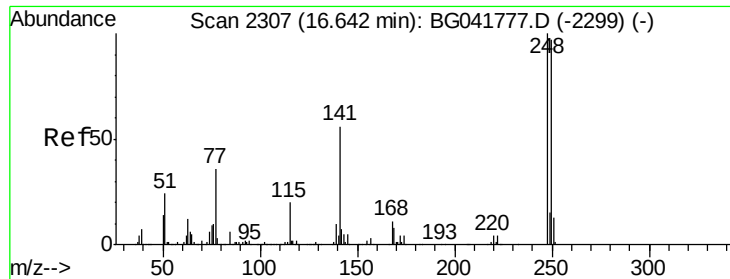
mohammad
 7/30/2019 4:52:34 PM



#66
 n-Nitrosodiphenylamine
 Concen: 10.461 ng
 RT: 15.95 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	56.9	85.3
167	35.2	31.5	47.3





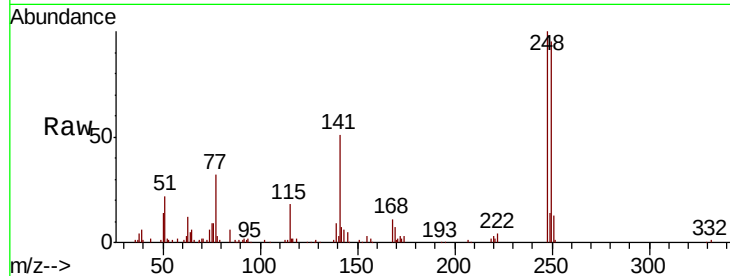
#67
4-Bromophenyl-phenylether
Concen: 9.609 ng
RT: 16.64 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	78.1	117.1
141	51.1	49.6	74.4

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM

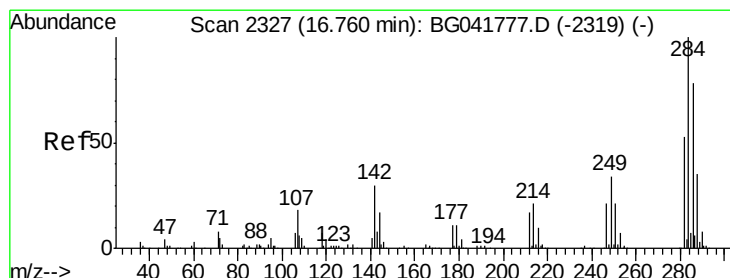
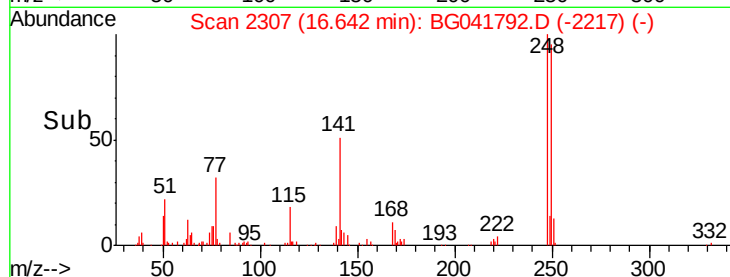
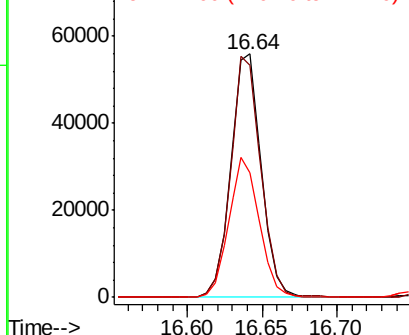


Abundance

Ion 248.00 (247.70 to 248.70): E

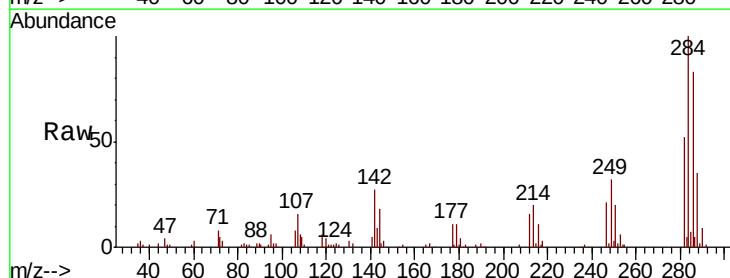
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 9.514 ng
RT: 16.76 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	27.0	40.6
249	32.4	28.4	42.6

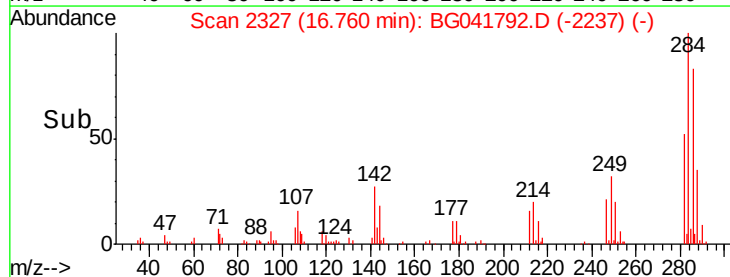
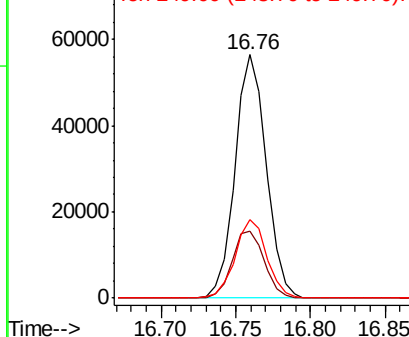


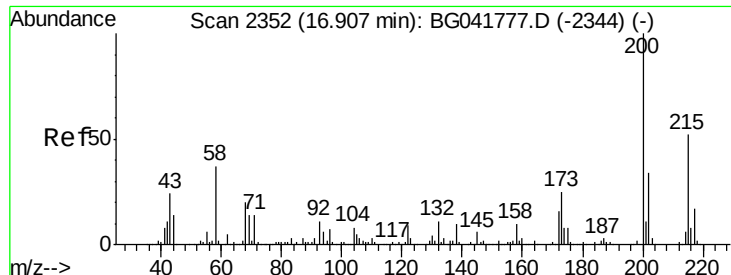
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 10.076 ng

RT: 16.90 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

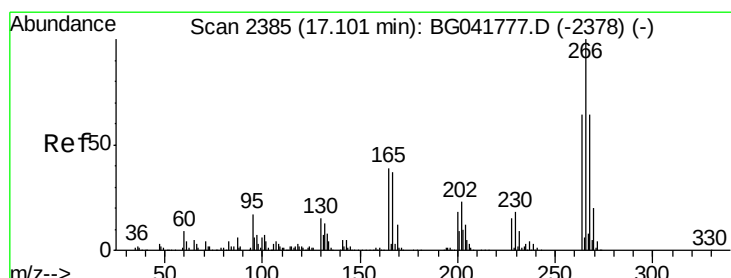
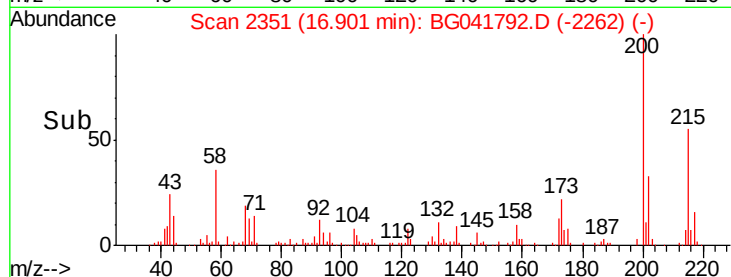
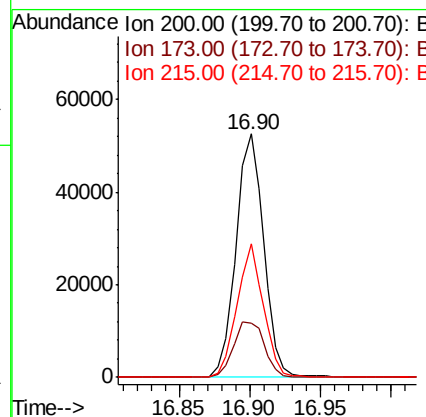
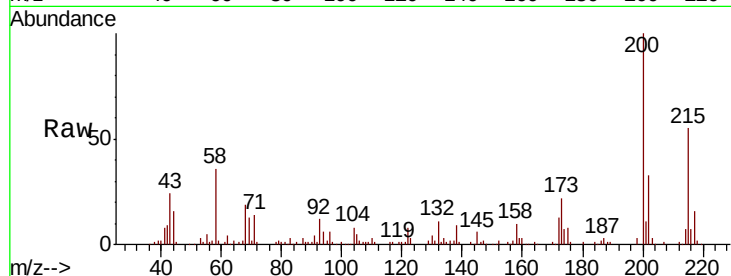
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.2	5.3	45.3
215	54.8	31.8	71.8

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



#70

Pentachlorophenol

Concen: 8.628 ng

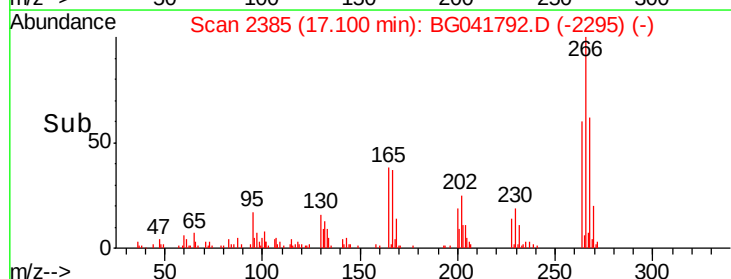
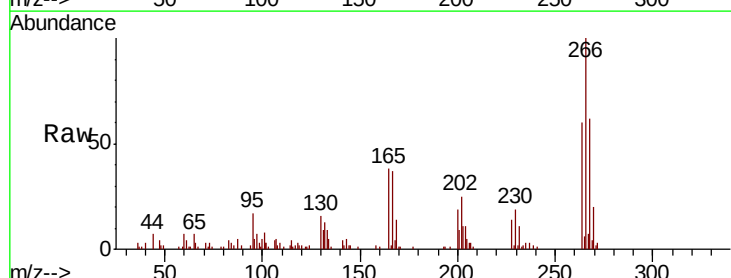
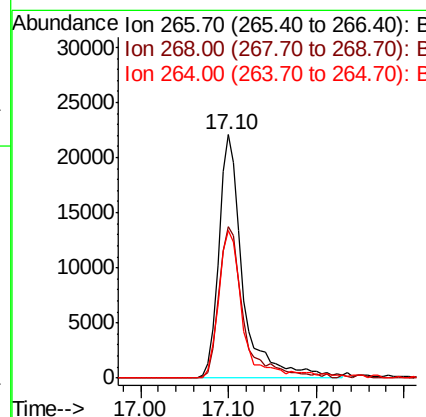
RT: 17.10 min Scan# 2385

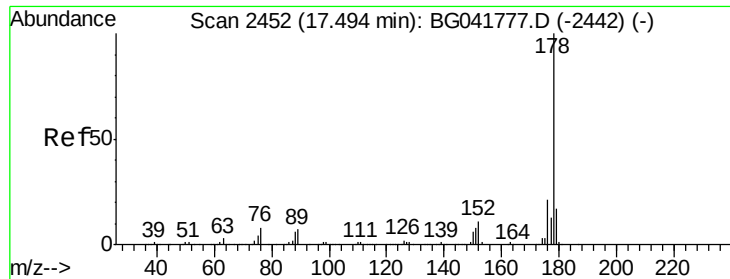
Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.9	79.3
264	60.4	51.4	77.2





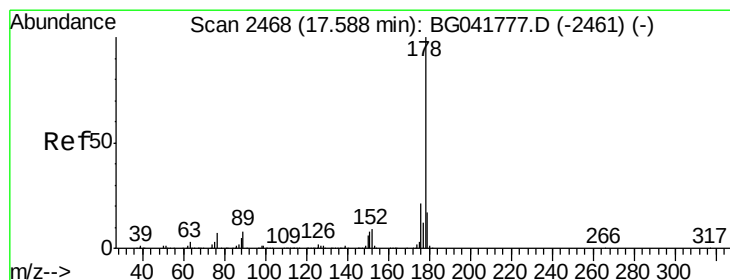
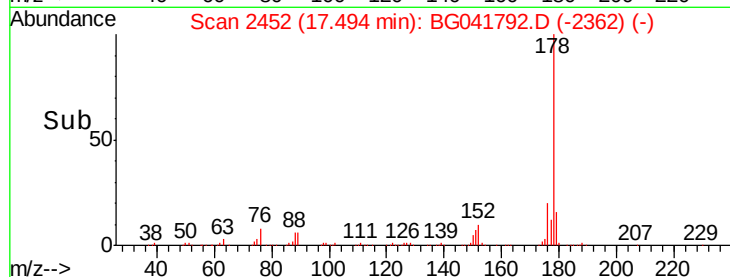
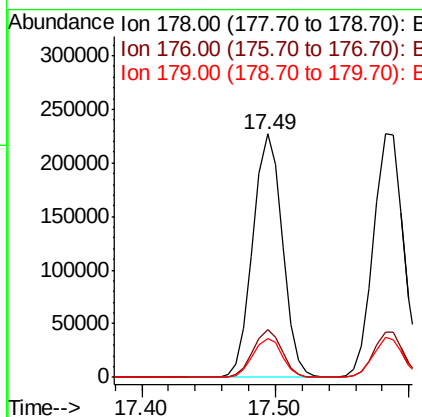
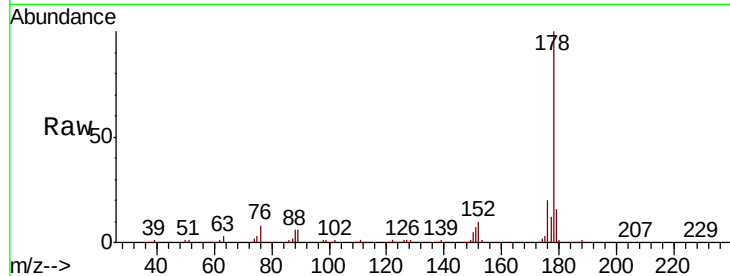
#71
Phenanthrene
Concen: 10.816 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	18.6	28.0
179	15.7	15.4	23.0

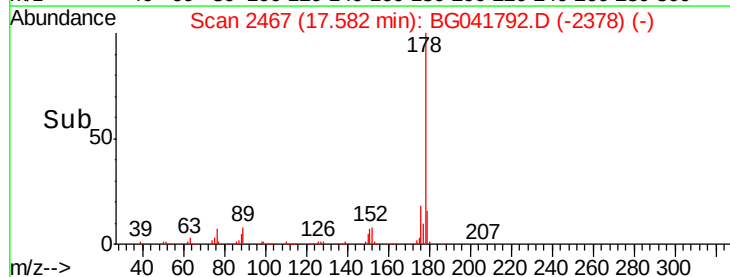
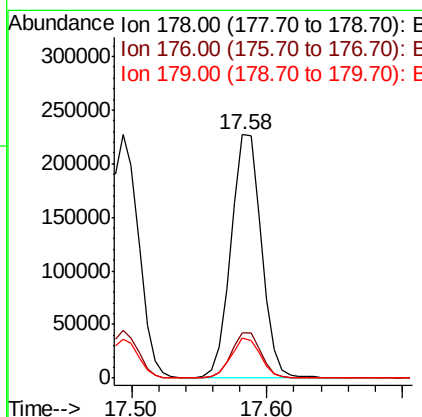
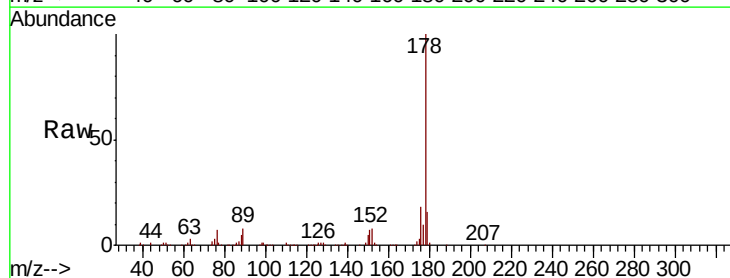
Manual Integrations
APPROVED

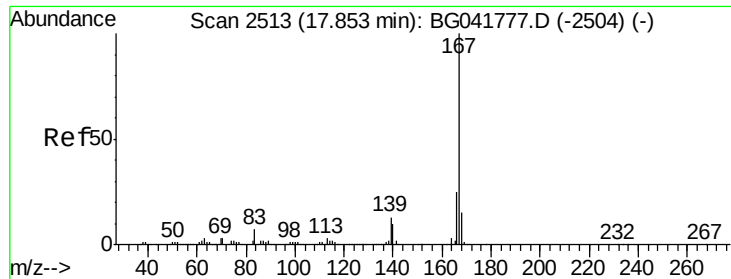
mohammad
7/30/2019 4:52:34 PM



#72
Anthracene
Concen: 11.089 ng m
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	18.6	28.0#
179	16.3	15.1	22.7





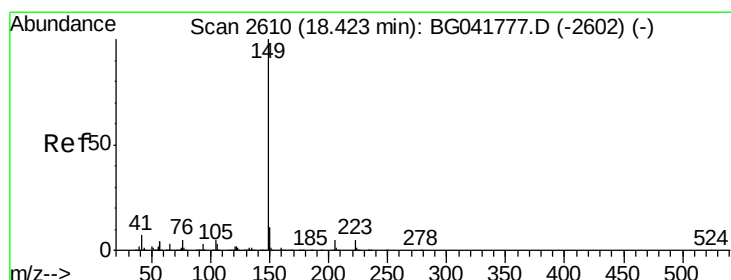
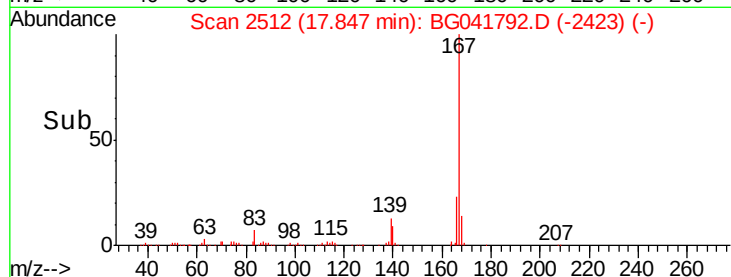
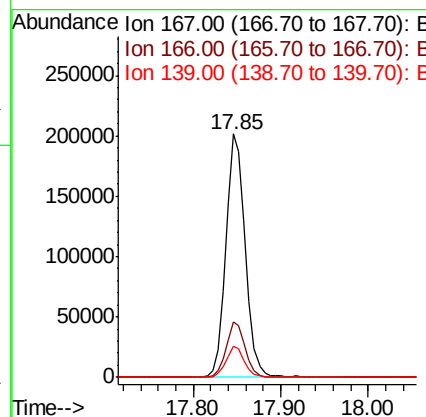
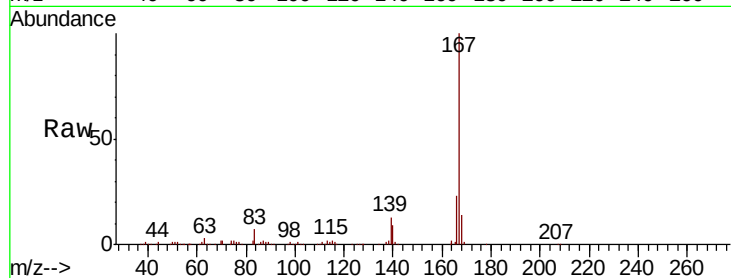
#73
 Carbazole
 Concen: 10.724 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	21.4	32.2
139	12.5	12.1	18.1

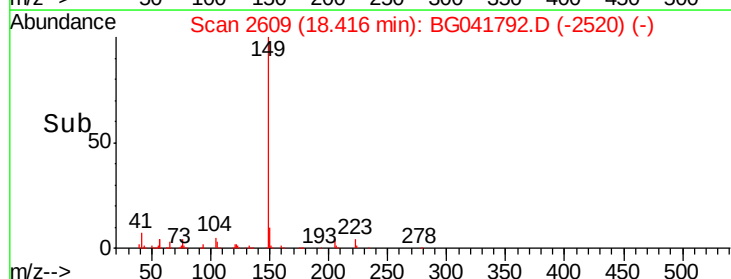
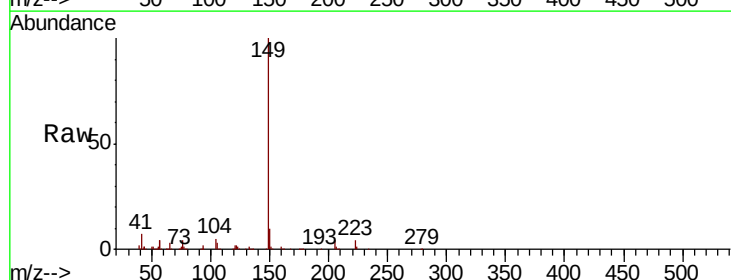
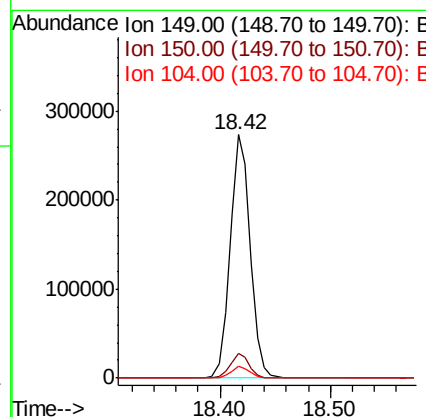
Manual Integrations
 APPROVED

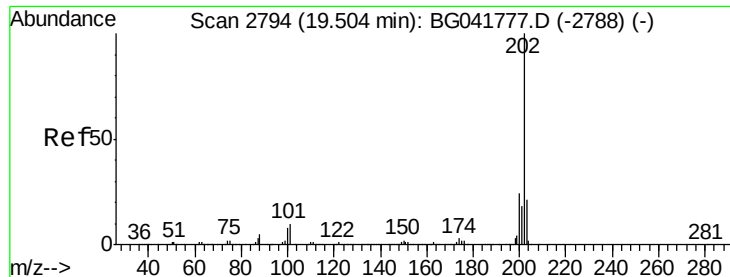
mohammad
 7/30/2019 4:52:34 PM



#74
 Di-n-butylphthalate
 Concen: 10.657 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	10.2	15.2#
104	4.7	5.3	7.9#





#75

Fluoranthene

Concen: 11.302 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

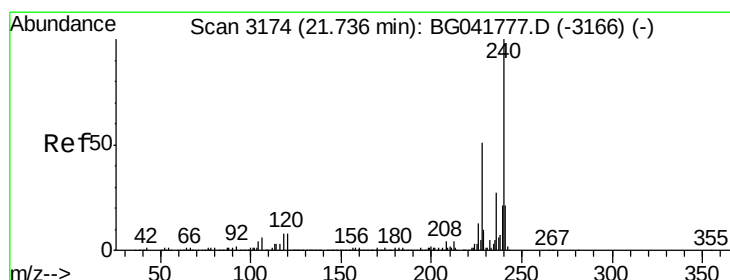
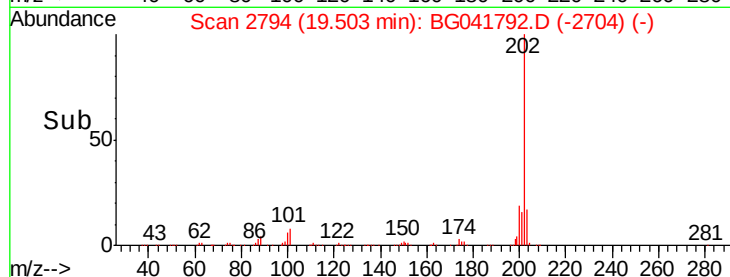
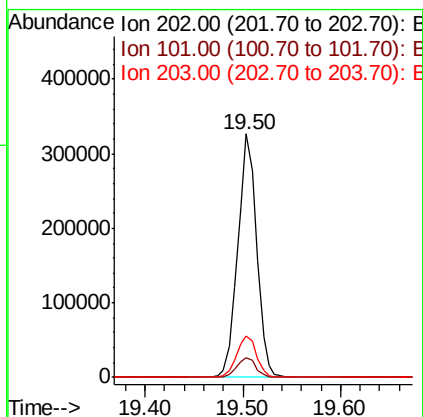
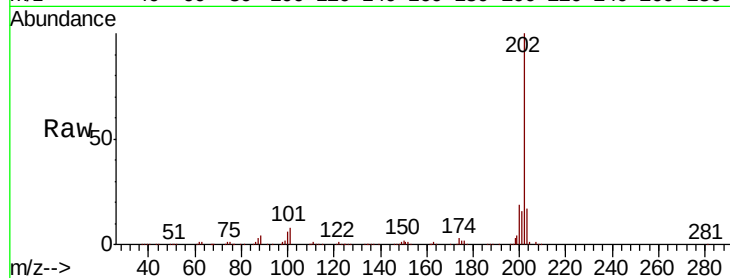
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	202	Resp:	440391
Ion Ratio		Lower	Upper
202	100		
101	8.3	0.0	32.8
203	16.9	3.7	43.7

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



#76

Chrysene-d12

Concen: 20.000 ng

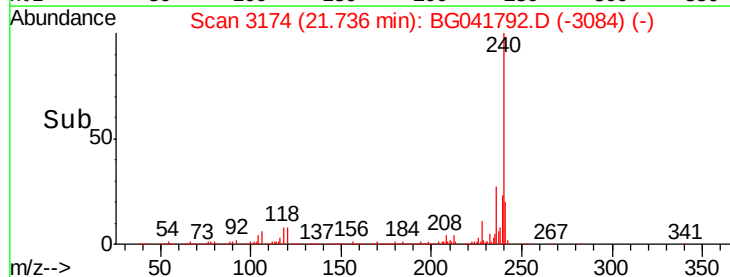
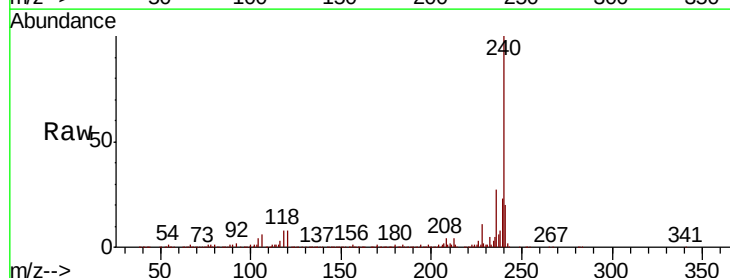
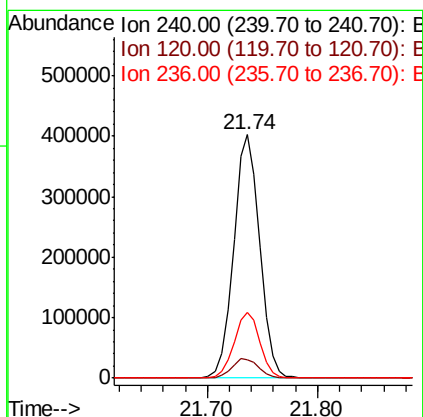
RT: 21.74 min Scan# 3174

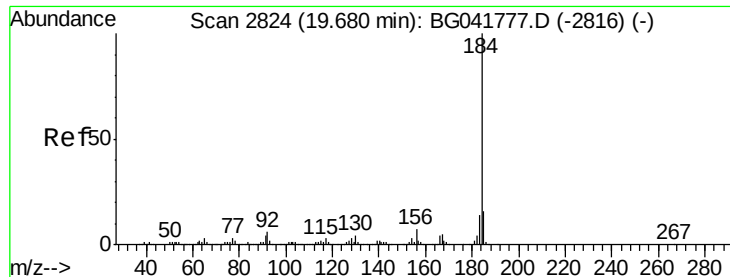
Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion:	240	Resp:	663961
Ion Ratio		Lower	Upper
240	100		
120	7.8	8.0	12.0#
236	27.0	22.6	33.8





#77

Benzidine

Concen: 9.770 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

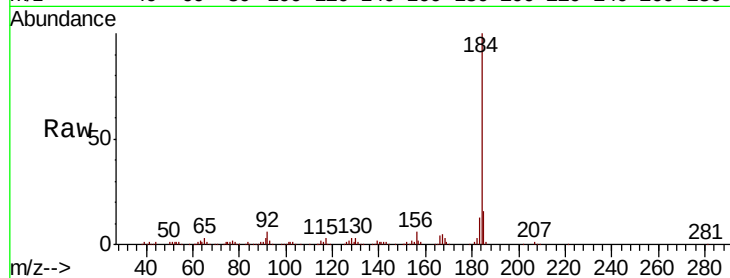
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	184	Resp:	211741
Ion Ratio	Lower	Upper	
184	100		
185	15.9	13.0	19.4
183	13.0	11.8	17.6

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



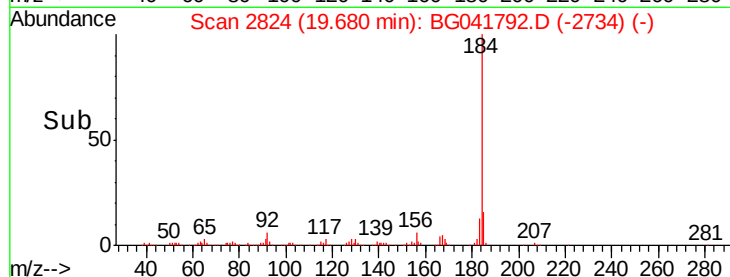
Abundance

Ion 184.00 (183.70 to 184.70): E

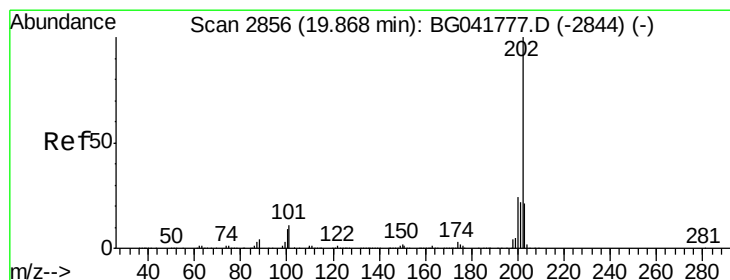
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.68



Time-->



#78

Pyrene

Concen: 11.503 ng

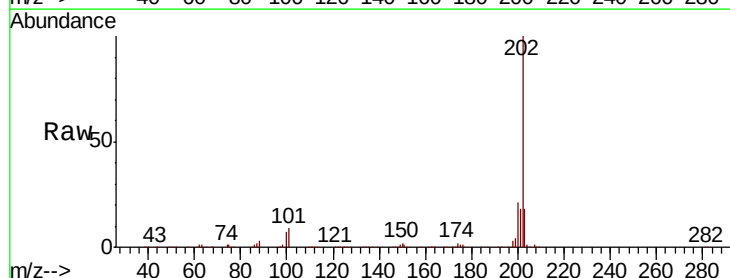
RT: 19.87 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion:	202	Resp:	452499
Ion Ratio	Lower	Upper	
202	100		
200	21.0	22.2	33.2#
203	18.1	18.9	28.3#



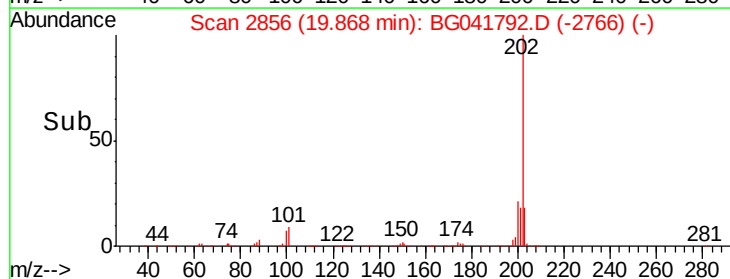
Abundance

Ion 202.00 (201.70 to 202.70): E

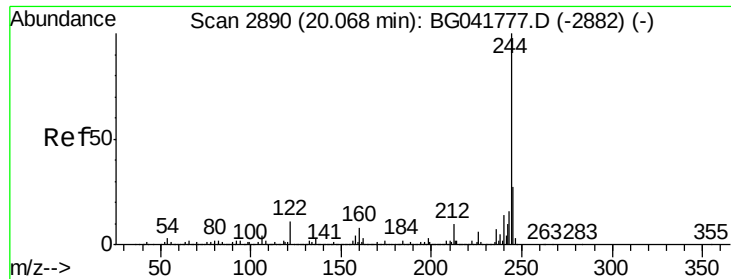
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.87



Time-->



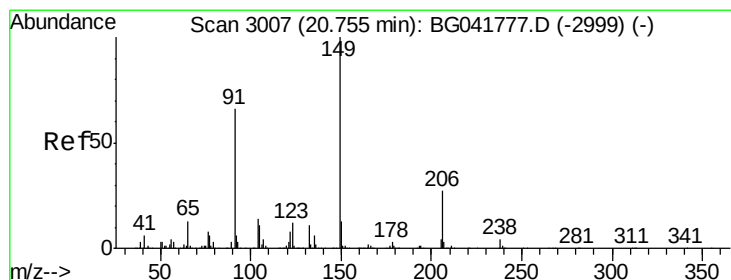
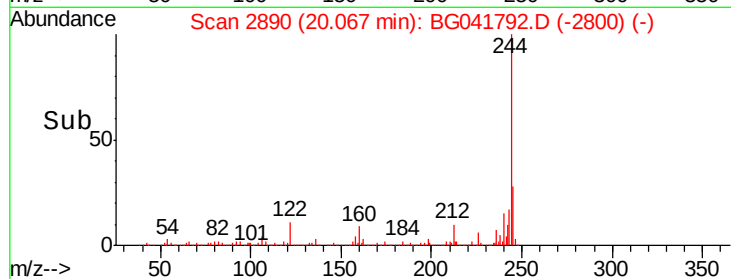
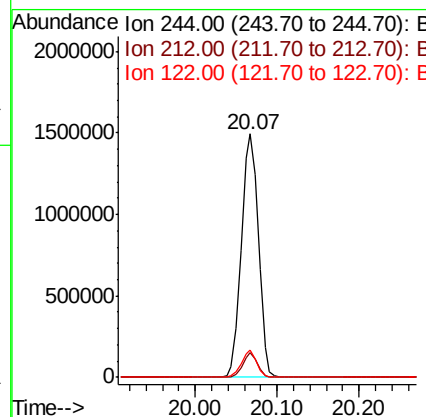
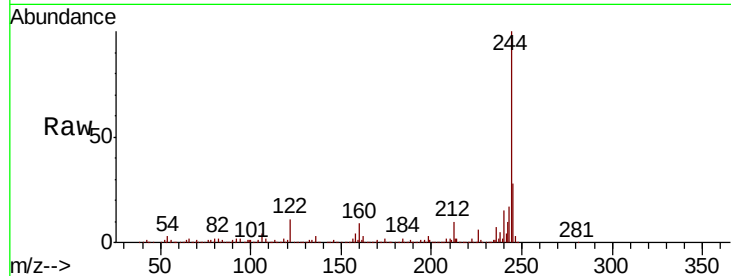
#79
 Terphenyl-d14
 Concen: 74.971 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.0	9.7	14.5
122	11.1	12.5	18.7

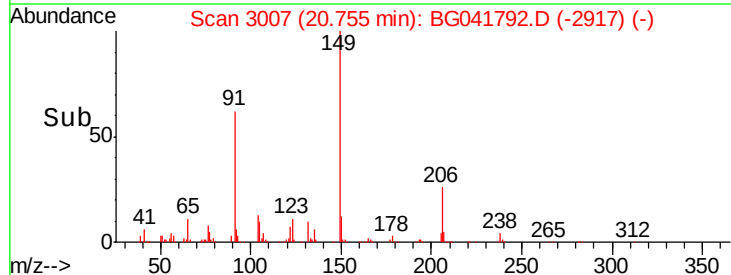
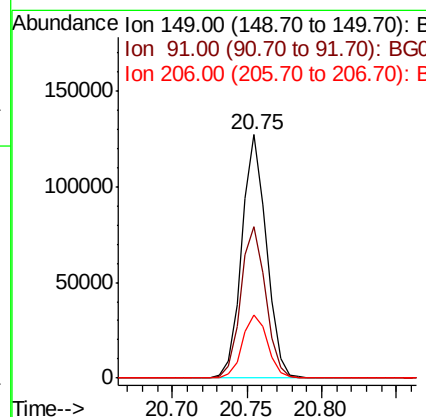
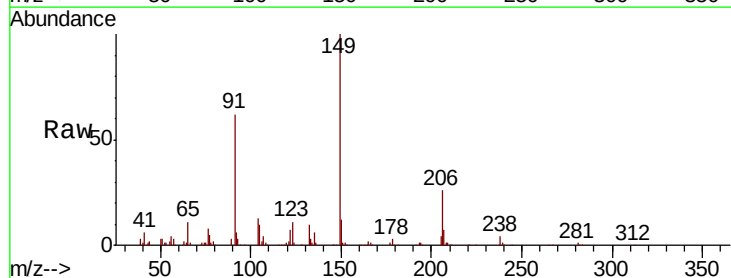
Manual Integrations
 APPROVED

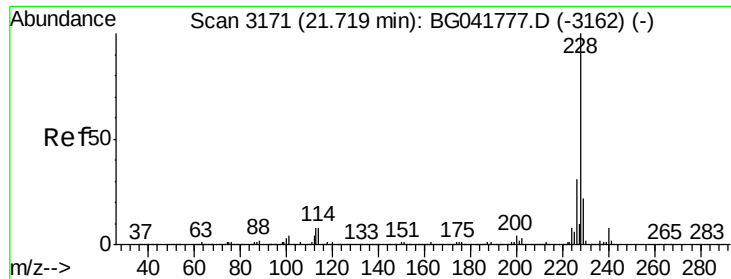
mohammad
 7/30/2019 4:52:34 PM



#80
 Butylbenzylphthalate
 Concen: 9.696 ng
 RT: 20.75 min Scan# 3007
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.3	58.9	88.3
206	25.7	20.8	31.2





#81

Benzo(a)anthracene

Concen: 10.643 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

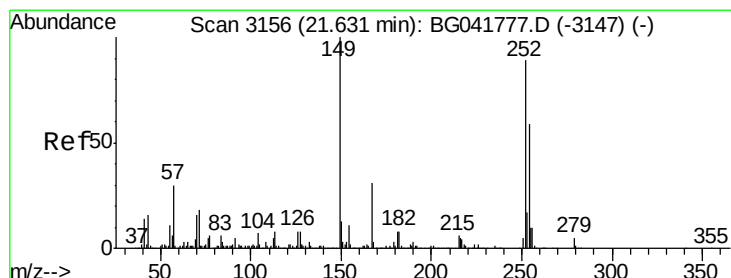
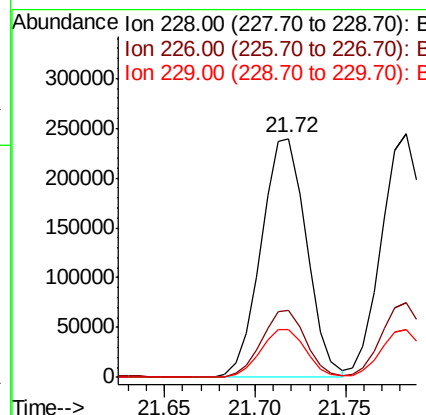
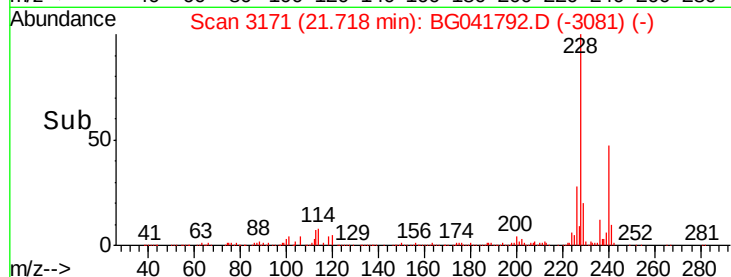
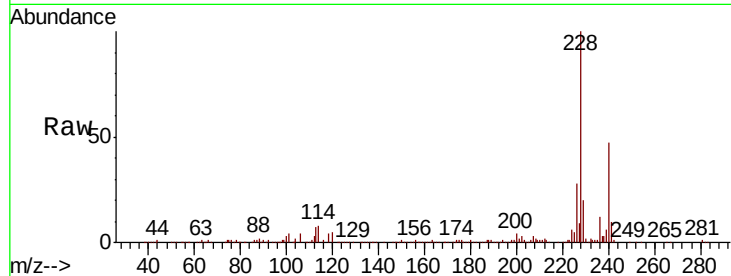
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	228	Resp:	418077
Ion Ratio	Lower	Upper	
228	100		
226	27.8	27.3	40.9
229	20.1	19.7	29.5

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



#82

3,3'-Dichlorobenzidine

Concen: 10.693 ng

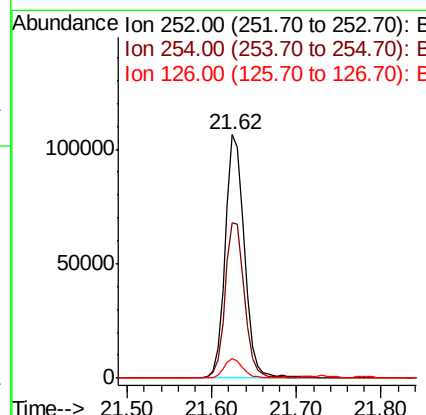
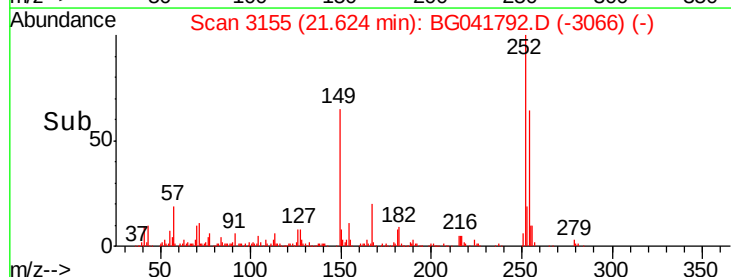
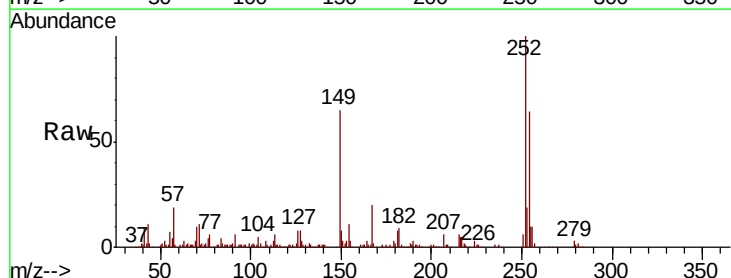
RT: 21.62 min Scan# 3155

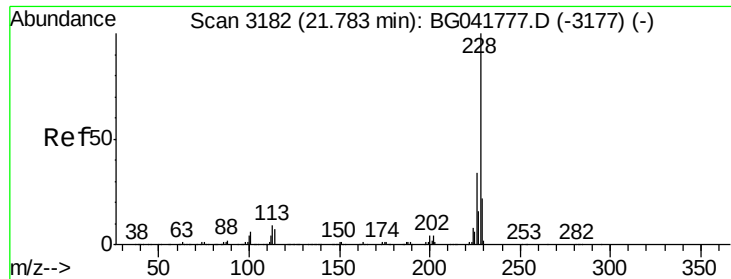
Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion:	252	Resp:	168643
Ion Ratio	Lower	Upper	
252	100		
254	63.6	53.8	80.6
126	8.2	7.8	11.8





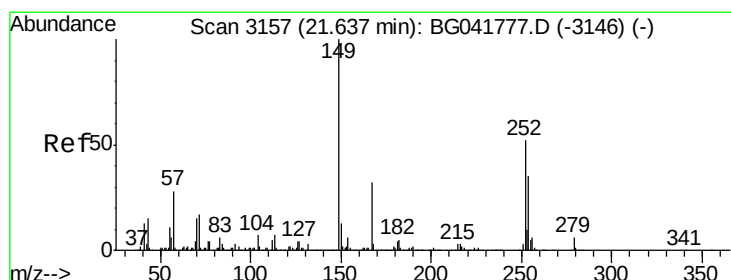
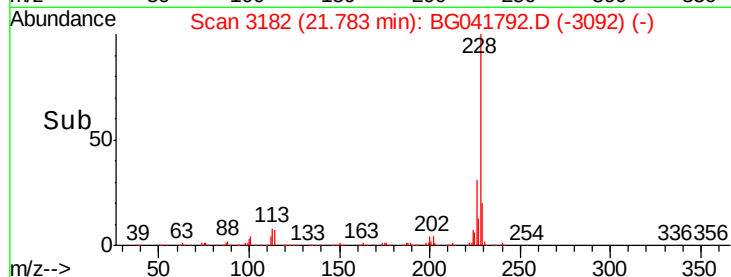
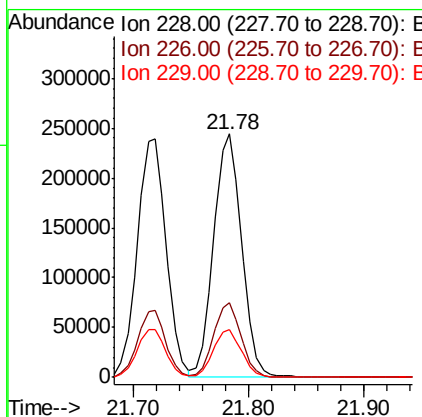
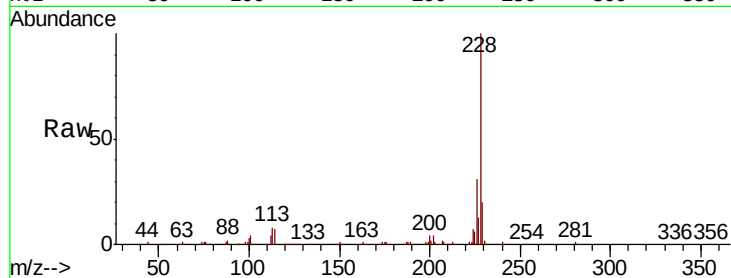
#83
 Chrysene
 Concen: 10.877 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	30.1	45.1
229	19.5	19.8	29.6

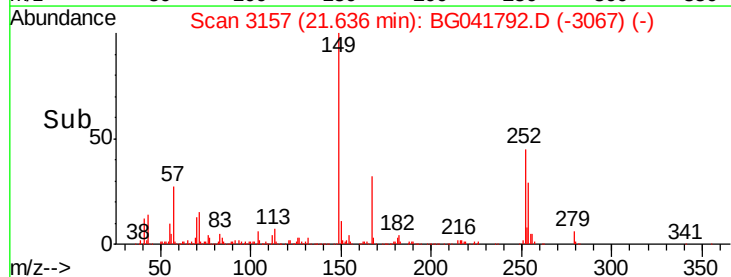
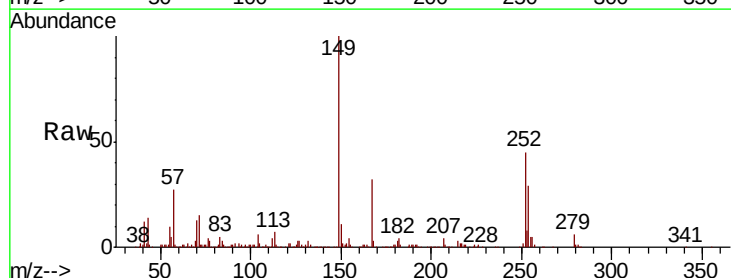
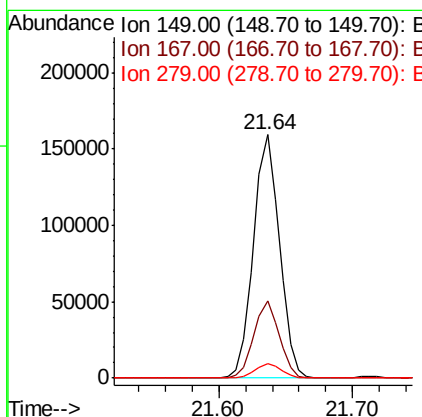
Manual Integrations
 APPROVED

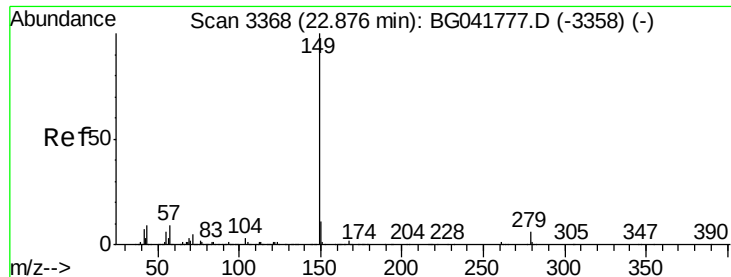
mohammad
 7/30/2019 4:52:34 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.259 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BG041792.D
 Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.8	27.0	40.4
279	6.2	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 10.038 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

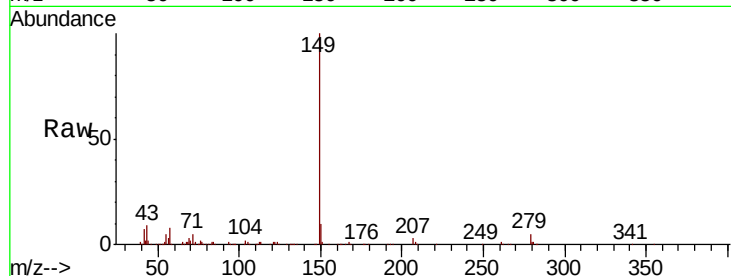
ClientSampleId :

LOQ-WATER-02-QT3-2019

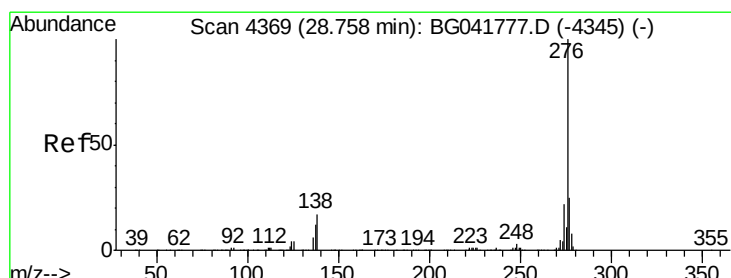
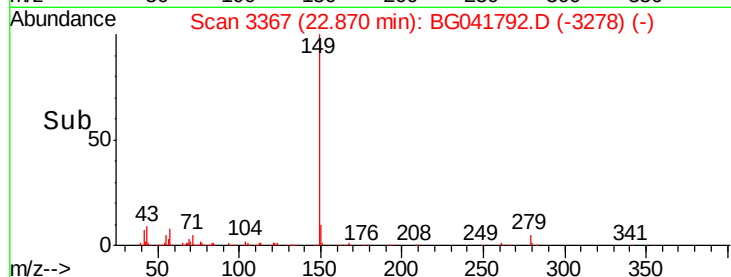
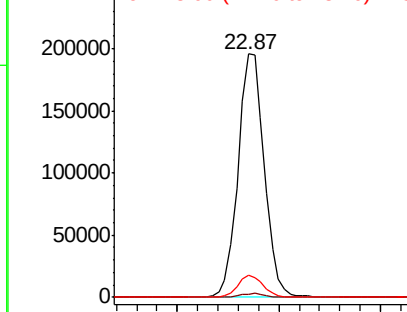
Tot Ion:	149	Resp:	351476
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.6	2.4#
43	9.1	10.6	16.0#

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 9.534 ng

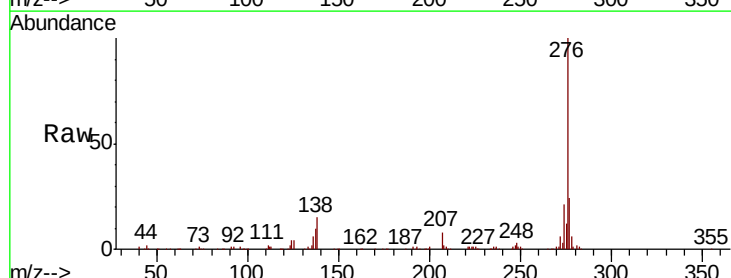
RT: 28.73 min Scan# 4365

Delta R.T. -0.02 min

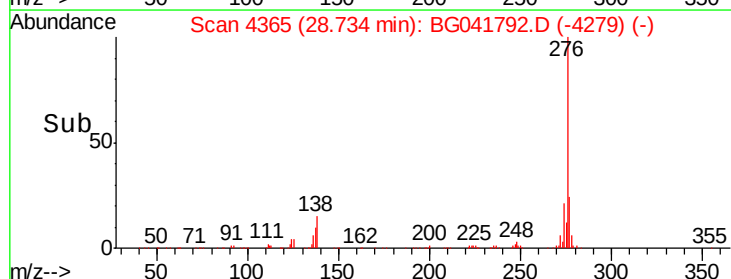
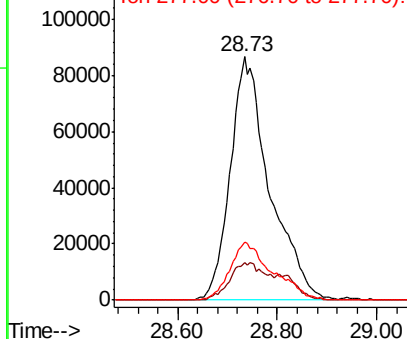
Lab File: BG041792.D

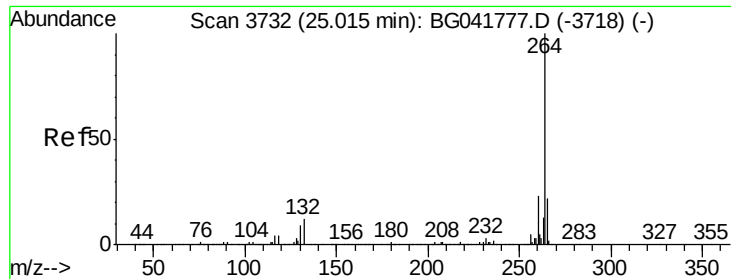
Acq: 29 Jul 2019 17:02

Tgt Ion:	276	Resp:	475231
Ion Ratio	Lower	Upper	
276	100		
138	14.2	19.4	29.0#
277	25.7	21.2	31.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





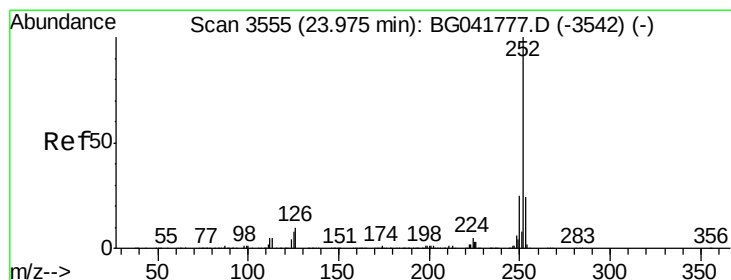
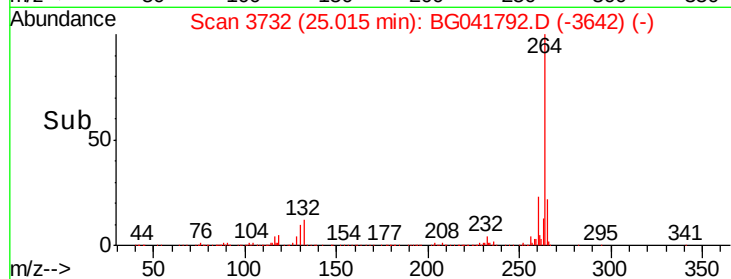
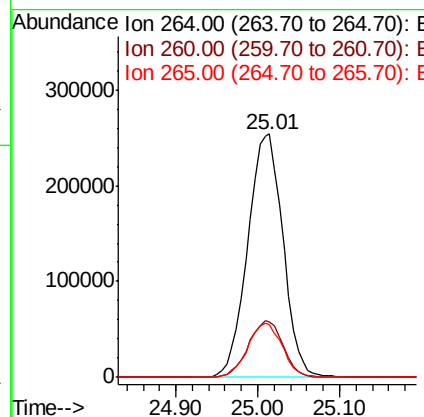
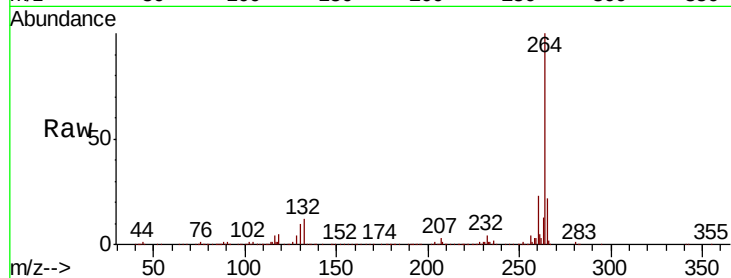
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:	264	Resp:	760626
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.5	29.3
265	21.8	18.0	27.0

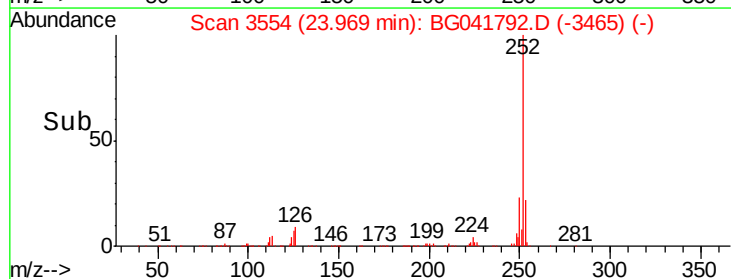
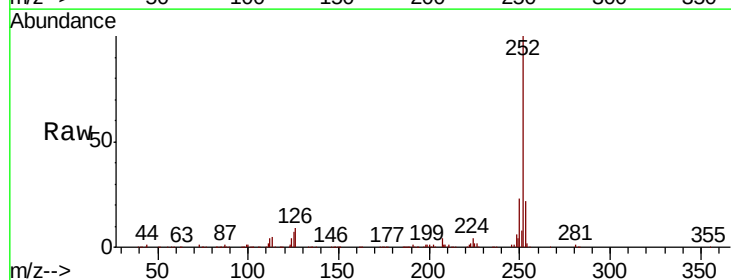
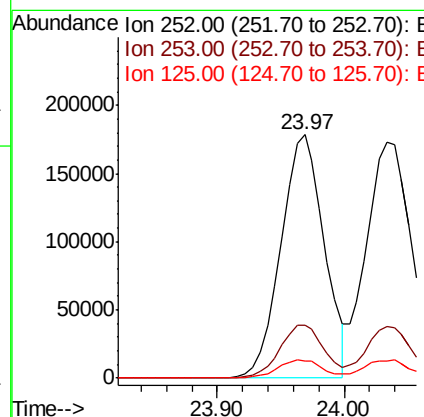
Manual Integrations
APPROVED

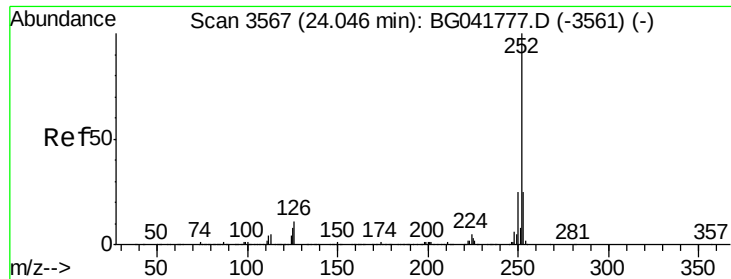
mohammad
7/30/2019 4:52:34 PM



#88
Benzo(b)fluoranthene
Concen: 10.161 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion:	252	Resp:	422816
Ion Ratio	Lower	Upper	
252	100		
253	21.7	20.6	30.8
125	6.8	8.0	12.0#





#89

Benzo(k)fluoranthene

Concen: 10.772 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Instrument :

BNA_G

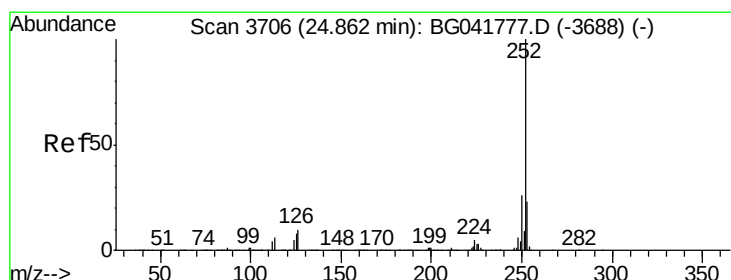
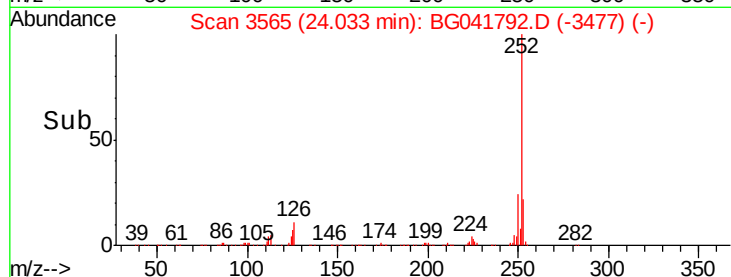
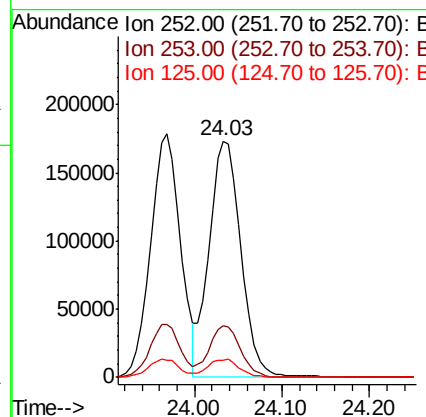
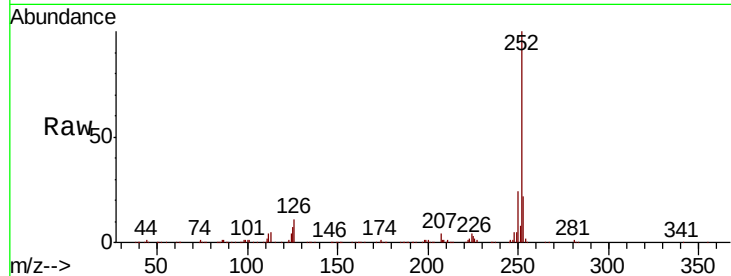
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	252	Resp:	436596
Ion Ratio	Lower	Upper	
252	100		
253	21.8	20.5	30.7
125	7.4	8.4	12.6#

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



#90

Benzo(a)pyrene

Concen: 10.459 ng

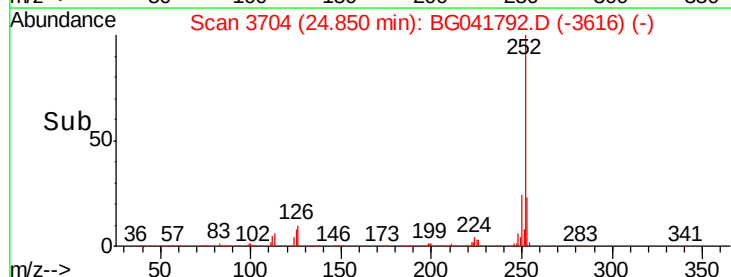
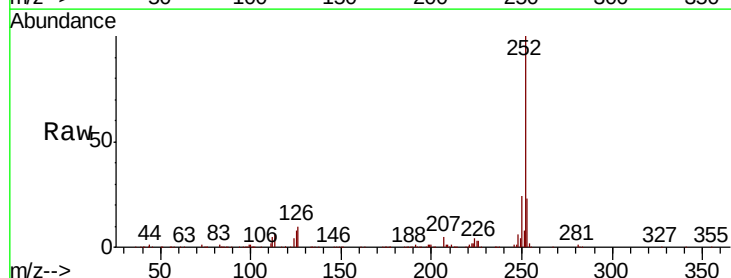
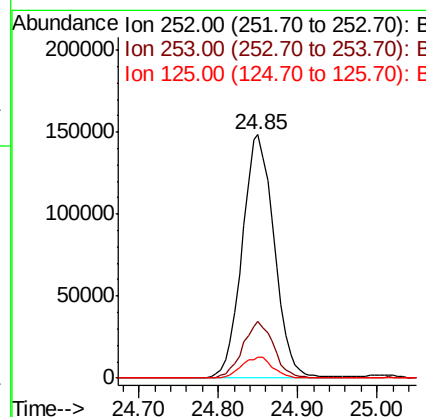
RT: 24.85 min Scan# 3704

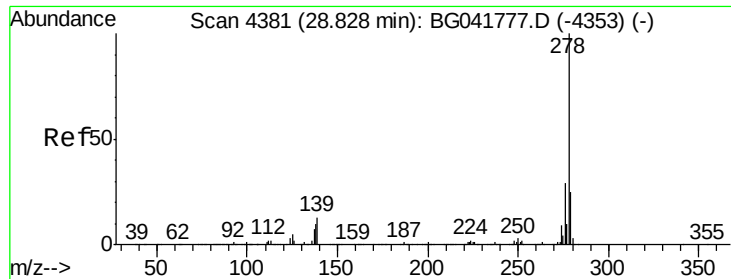
Delta R.T. -0.01 min

Lab File: BG041792.D

Acq: 29 Jul 2019 17:02

Tgt Ion:	252	Resp:	417369
Ion Ratio	Lower	Upper	
252	100		
253	23.3	19.8	29.8
125	8.4	8.8	13.2#





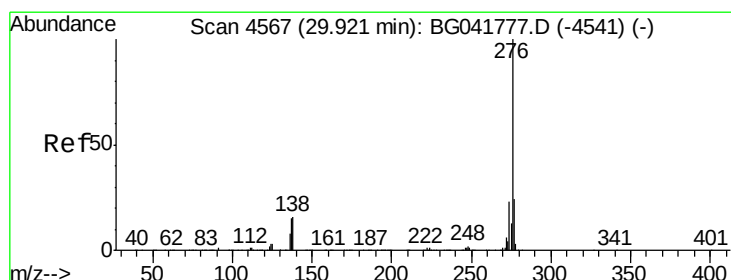
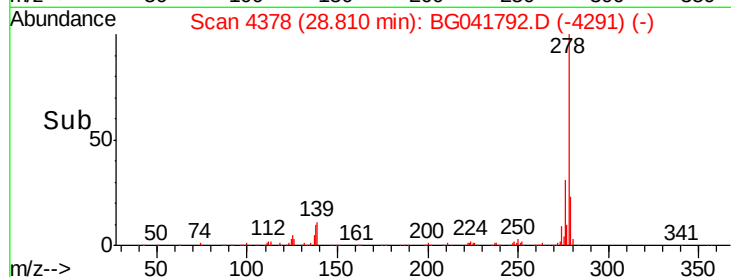
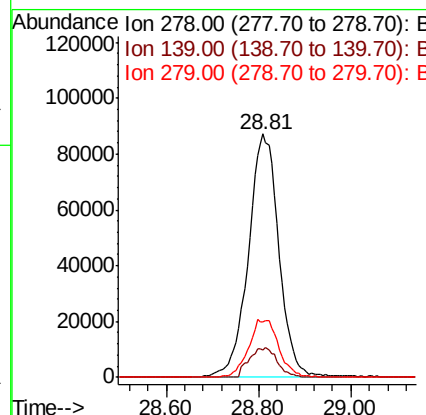
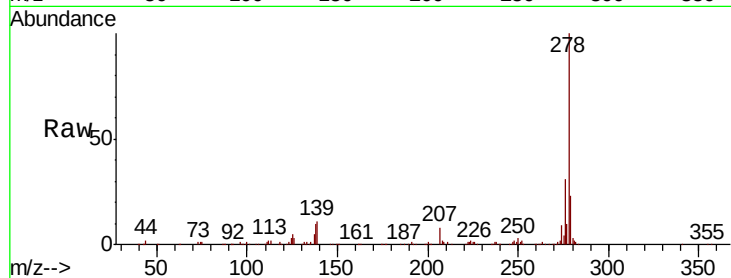
#91
Dibenzo(a,h)anthracene
Concen: 10.232 ng
RT: 28.81 min Scan# 4378
Delta R.T. -0.02 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.0	12.6	19.0#
279	22.8	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:34 PM



#92
Benzo(g,h,i)perylene
Concen: 10.051 ng
RT: 29.90 min Scan# 4564
Delta R.T. -0.02 min
Lab File: BG041792.D
Acq: 29 Jul 2019 17:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.8	29.8
138	18.0	16.6	25.0

