

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045429.D
 Acq On : 19 May 2020 18:05
 Operator : CG/JU
 Sample : L2182-08
 Misc : WATER - LOO - 10PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Manual Integrations
 APPROVED

mohammad
 5/20/2020 1:20:01 PM

Quant Time: May 20 06:04:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:13:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	87975	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	369080	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	266428	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	624744	20.00	ng	0.00
76) Chrysene-d12	21.61	240	628697	20.00	ng	0.00
87) Perylene-d12	24.77	264	675996	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	521551	115.86	ng	0.00
7) Phenol-d6	7.19	99	754314	117.73	ng	-0.01
23) Nitrobenzene-d5	9.12	82	513461	75.86	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	402028	117.99	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1226992	78.12	ng	0.00
79) Terphenyl-d14	19.97	244	2172017	80.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	16658	7.462	ng	97
3) Pyridine	3.83	79	37283	5.997	ng	# 90
4) n-Nitrosodimethylamine	3.74	42	13883	6.824	ng	# 66
6) Aniline	7.30	93	66178	7.912	ng	99
8) 2-Chlorophenol	7.55	128	39707	8.043	ng	93
9) Benzaldehyde	7.10	77	38052	9.116	ng	95
10) Phenol	7.22	94	53456	8.095	ng	92
11) bis(2-Chloroethyl)ether	7.38	93	40690	7.900	ng	98
12) 1,3-Dichlorobenzene	7.86	146	45633	7.692	ng	91
13) 1,4-Dichlorobenzene	8.00	146	47911	8.184	ng	90
14) 1,2-Dichlorobenzene	8.32	146	44946	7.982	ng	94
15) Benzyl Alcohol	8.22	79	39133	7.393	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	38665	7.908	ng	96
17) 2-Methylphenol	8.45	107	35454	7.173	ng	98
18) Hexachloroethane	9.05	117	18237	8.133	ng	94
19) n-Nitroso-di-n-propylamine	8.77	70	36949	8.339	ng	97
20) 3+4-Methylphenols	8.79	107	48385m	7.189	ng	
22) Acetophenone	8.78	105	67076	7.668	ng	# 93
24) Nitrobenzene	9.17	77	54778	7.554	ng	97
25) Isophorone	9.69	82	104319	7.826	ng	99
26) 2-Nitrophenol	9.89	139	23402	7.544	ng	# 88
27) 2,4-Dimethylphenol	9.98	122	39441	8.573	ng	89
28) bis(2-Chloroethoxy)methane	10.18	93	58584	8.381	ng	93
29) 2,4-Dichlorophenol	10.45	162	40596	7.472	ng	92
30) 1,2,4-Trichlorobenzene	10.63	180	49129	7.653	ng	95
31) Naphthalene	10.82	128	136503	7.937	ng	98
32) Benzoic acid	10.10	122	15959	5.776	ng	96
33) 4-Chloroaniline	10.95	127	57233	7.961	ng	# 94
34) Hexachlorobutadiene	11.12	225	30849	6.798	ng	94
35) Caprolactam	11.68	113	16067	8.057	ng	90
36) 4-Chloro-3-methylphenol	12.11	107	48845	7.978	ng	93
37) 2-Methylnaphthalene	12.43	142	103803	8.098	ng	95
38) 1-Methylnaphthalene	12.65	142	100959	8.337	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	59051	7.935	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045429.D
 Acq On : 19 May 2020 18:05
 Operator : CG/JU
 Sample : L2182-08
 Misc : WATER - LOO - 10PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

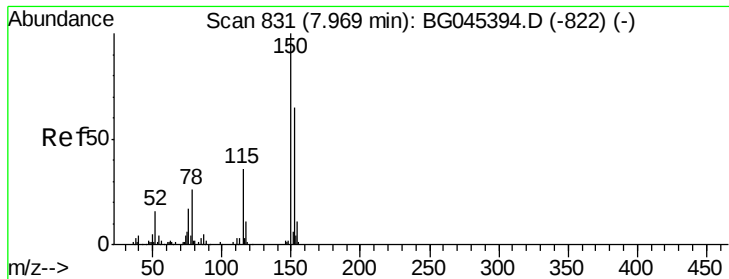
Manual Integrations
 APPROVED

mohammad
 5/20/2020 1:20:01 PM

Quant Time: May 20 06:04:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:13:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	25655	5.973	nq	97
43) 2,4,6-Trichlorophenol	13.06	196	38571	7.461	nq	93
44) 2,4,5-Trichlorophenol	13.15	196	41072	6.953	nq	93
46) 1,1'-Biphenyl	13.44	154	135632	8.285	nq	97
47) 2-Chloronaphthalene	13.48	162	105126	7.908	nq	97
48) 2-Nitroaniline	13.69	65	30224	6.912	nq	96
49) Acenaphthylene	14.33	152	180957	8.475	nq	98
50) Dimethylphthalate	14.06	163	150636	8.242	nq	99
51) 2,6-Dinitrotoluene	14.18	165	32465	7.872	nq	96
52) Acenaphthene	14.67	154	105023	7.348	nq	91
53) 3-Nitroaniline	14.52	138	29805	7.109	nq	# 95
54) 2,4-Dinitrophenol	14.73	184	6067m	2.533	nq	
55) Dibenzofuran	15.00	168	174959	8.243	nq	99
56) 4-Nitrophenol	14.90	139	19642	6.188	nq	# 81
57) 2,4-Dinitrotoluene	14.97	165	45925	7.689	nq	# 95
58) Fluorene	15.66	166	144820	8.305	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.25	232	37412m	7.199	nq	
60) Diethylphthalate	15.42	149	159230	8.370	nq	96
61) 4-Chlorophenyl-phenylether	15.65	204	78800	7.897	nq	93
62) 4-Nitroaniline	15.69	138	34056	7.781	nq	# 83
63) Azobenzene	15.94	77	145563	8.206	nq	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	21482	5.904	nq	88
66) n-Nitrosodiphenylamine	15.86	169	129580	8.639	nq	91
67) 4-Bromophenyl-phenylether	16.54	248	52215	7.718	nq	96
68) Hexachlorobenzene	16.67	284	58694	8.295	nq	97
69) Atrazine	16.81	200	52321	8.468	nq	96
70) Pentachlorophenol	17.03	266	9286m	2.528	nq	
71) Phenanthrene	17.40	178	246177	9.026	nq	98
72) Anthracene	17.49	178	254169	9.280	nq	98
73) Carbazole	17.77	167	231123	8.657	nq	96
74) Di-n-butylphthalate	18.32	149	271089	8.460	nq	99
75) Fluoranthene	19.40	202	313947	9.050	nq	97
77) Benzidine	19.59	184	146463	8.295	nq	96
78) Pyrene	19.77	202	319670	8.920	nq	96
80) Butylbenzylphthalate	20.66	149	127145	8.219	nq	96
81) Benzo(a)anthracene	21.60	228	301607	8.612	nq	99
82) 3,3'-Dichlorobenzidine	21.51	252	123454	8.986	nq	96
83) Chrysene	21.66	228	295360	8.771	nq	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	181004	8.512	nq	99
85) Di-n-octyl phthalate	22.70	149	297794	8.154	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	351933	7.992	nq	98
88) Benzo(b)fluoranthene	23.76	252	303322	8.366	nq	97
89) Benzo(k)fluoranthene	23.83	252	300226	8.814	nq	96
90) Benzo(a)pyrene	24.62	252	283054	8.383	nq	# 97
91) Dibenzo(a,h)anthracene	28.39	278	291907	8.603	nq	100
92) Benzo(g,h,i)perylene	29.45	276	295614	8.711	nq	98

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



#1

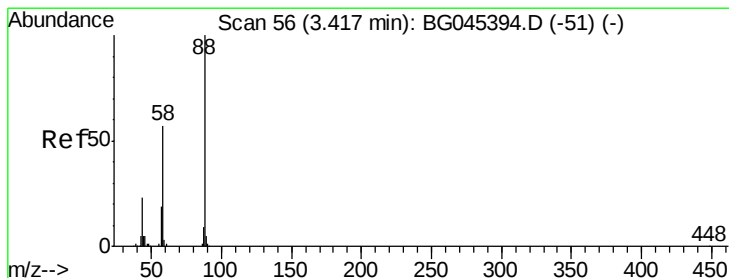
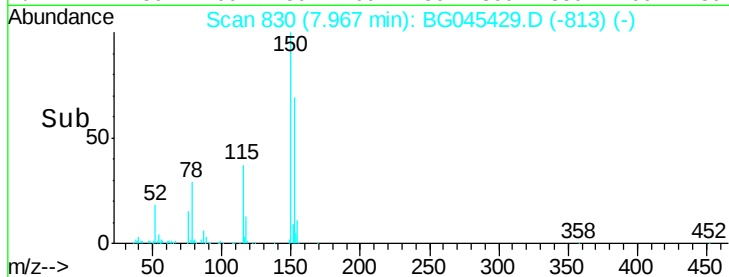
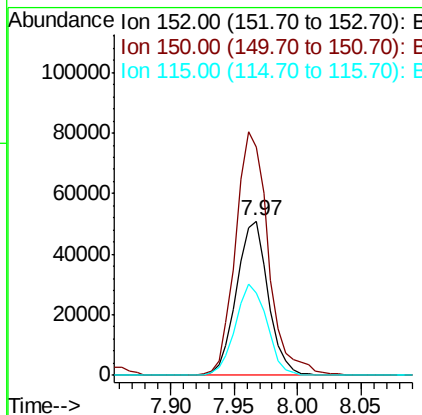
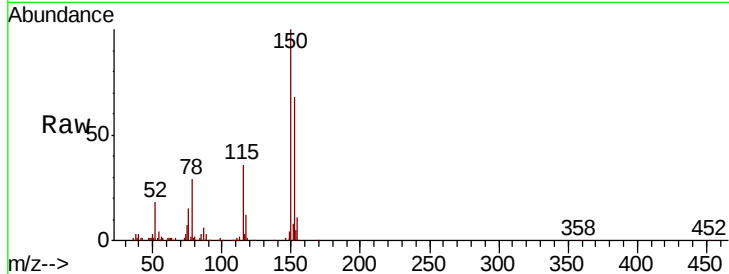
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	122.4	183.6
115	53.0	44.2	66.4

Manual Integrations
APPROVED

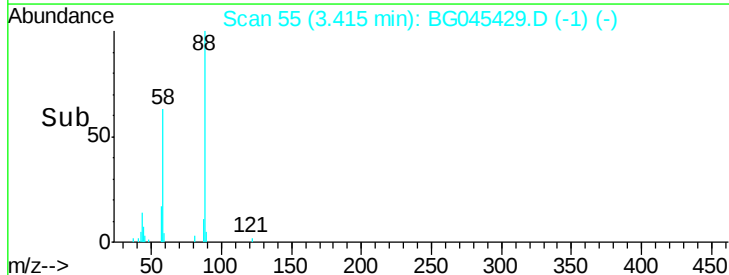
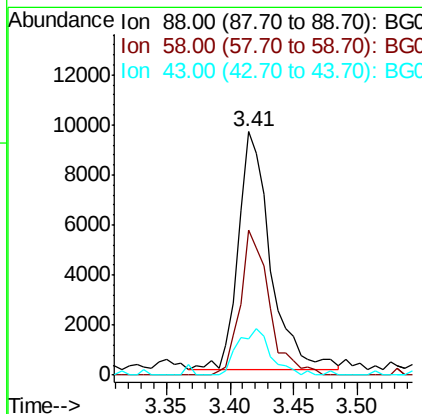
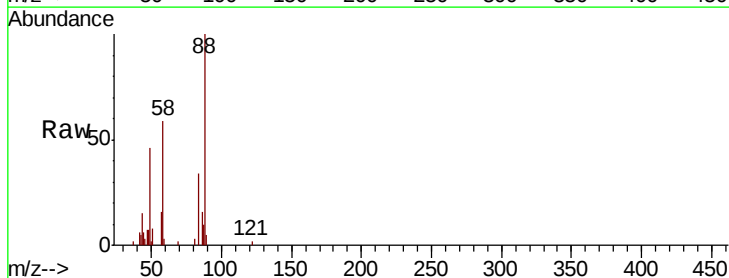
mohammad
5/20/2020 1:20:01 PM

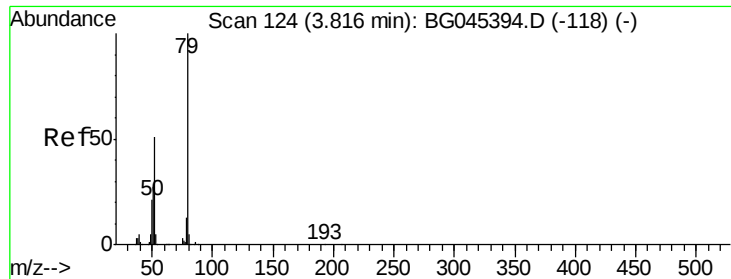


#2

1,4-Dioxane
Concen: 7.462 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.9	45.7	68.5
43	19.8	16.8	25.2





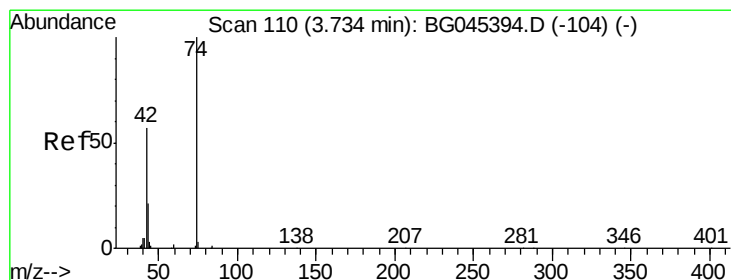
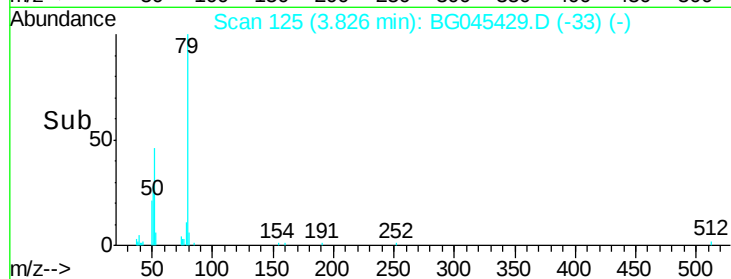
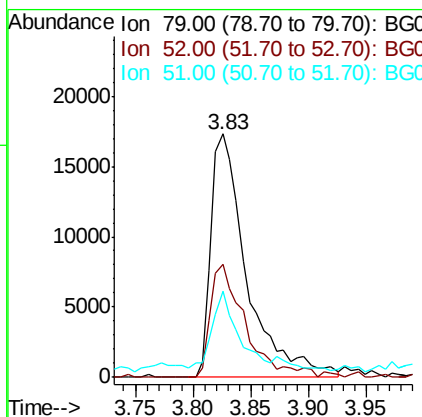
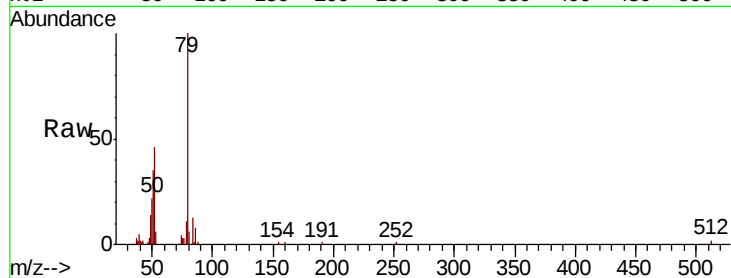
#3
 Pvridine
 Concen: 5.997 ng
 RT: 3.83 min Scan# 125
 Delta R.T. 0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.5	40.8	61.2
51	35.3	21.9	32.9#

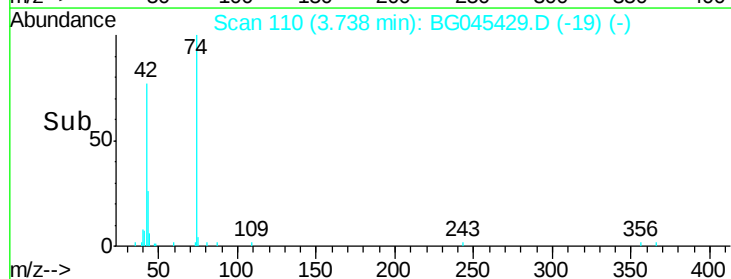
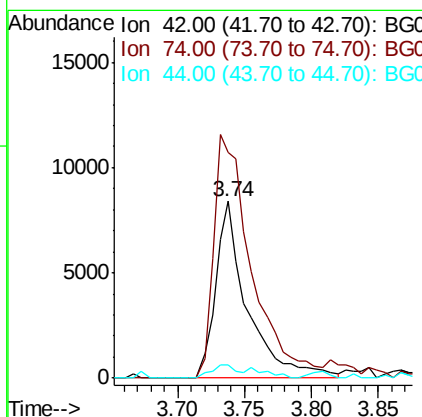
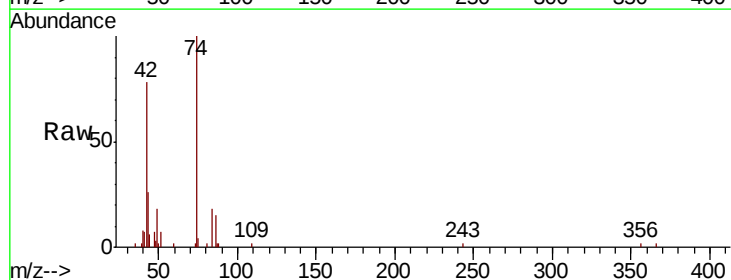
Manual Integrations
 APPROVED

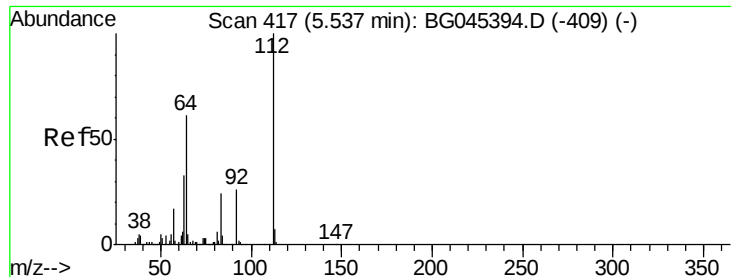
mohammad
 5/20/2020 1:20:01 PM



#4
 n-Nitrosodimethylamine
 Concen: 6.824 ng
 RT: 3.74 min Scan# 110
 Delta R.T. 0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.7	141.3	211.9#
44	7.3	4.2	6.4#





#5

2-Fluorophenol

Concen: 115.859 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

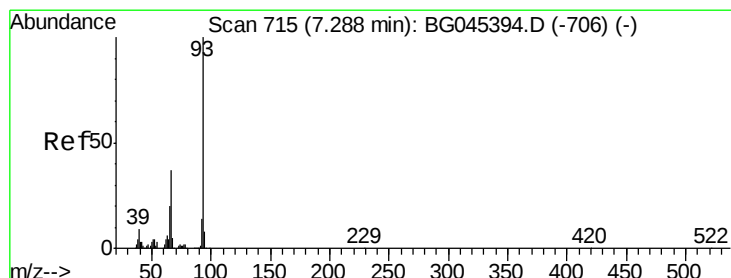
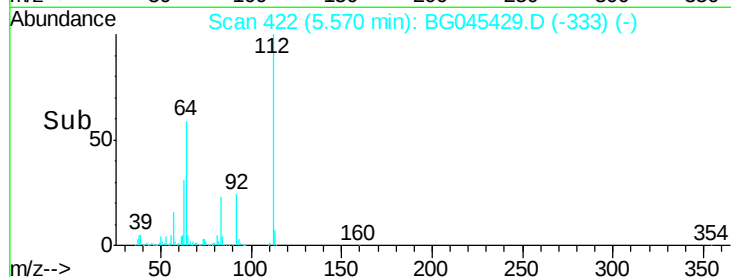
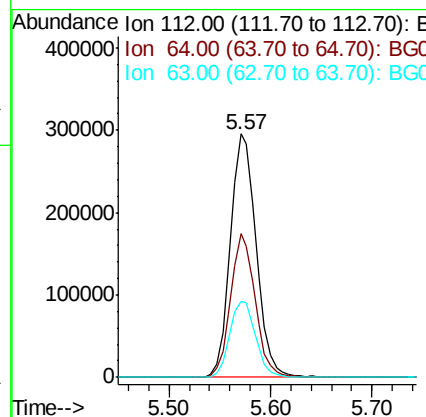
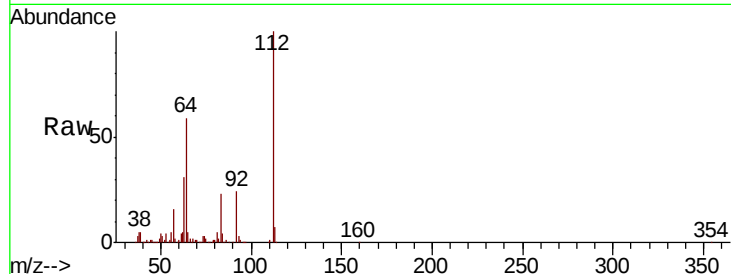
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	112	Resp:	521551
Ion Ratio	Lower	Upper	
112	100		
64	58.8	48.6	72.8
63	31.3	26.5	39.7

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#6

Aniline

Concen: 7.912 ng

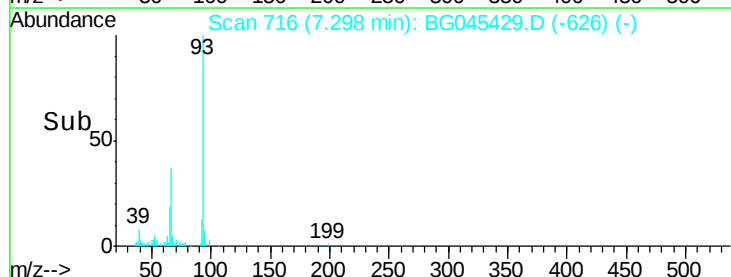
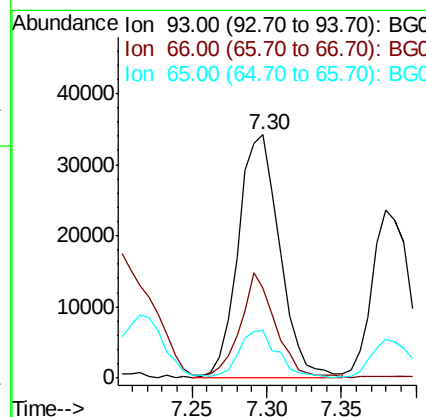
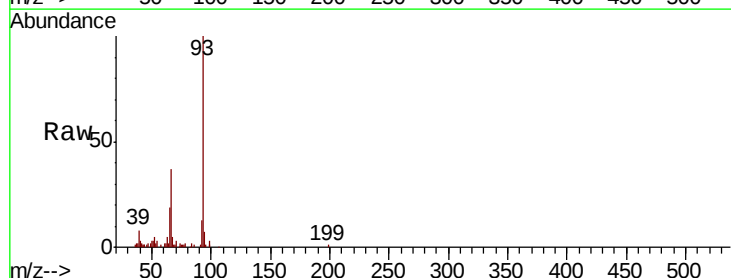
RT: 7.30 min Scan# 716

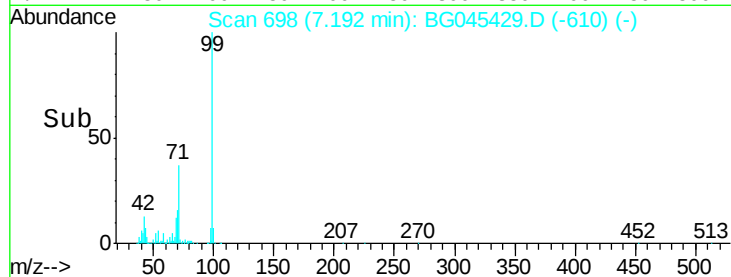
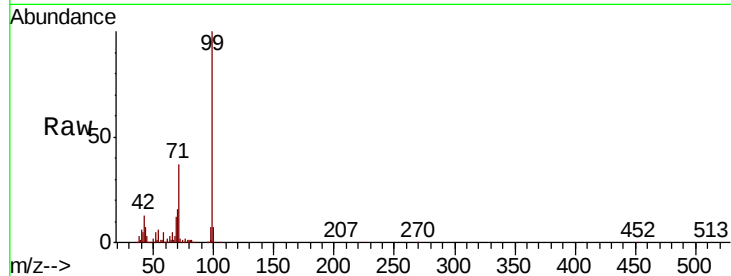
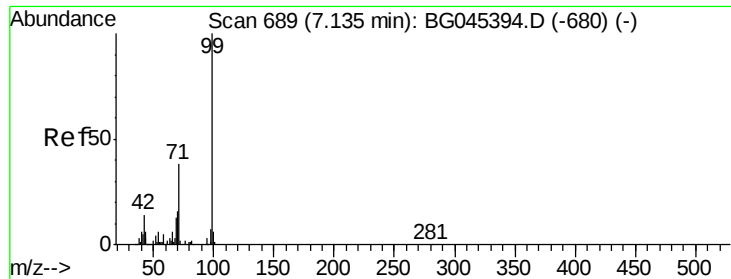
Delta R.T. 0.00 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	93	Resp:	66178
Ion Ratio	Lower	Upper	
93	100		
66	37.1	29.6	44.4
65	19.4	15.9	23.9





#7

Phenol-d6

Concen: 117.730 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tot Ion:	99	Resp:	754314
Ion Ratio	Lower	Upper	
99	100		
42	13.5	11.3	16.9
71	36.6	30.8	46.2

Instrument :

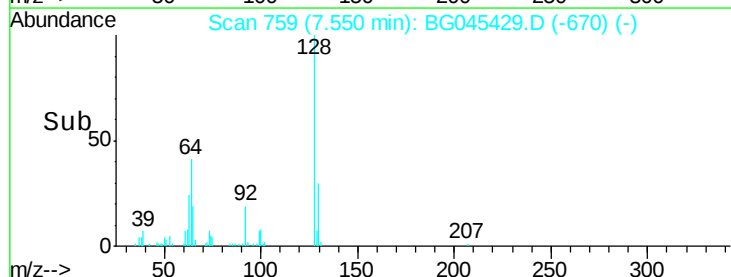
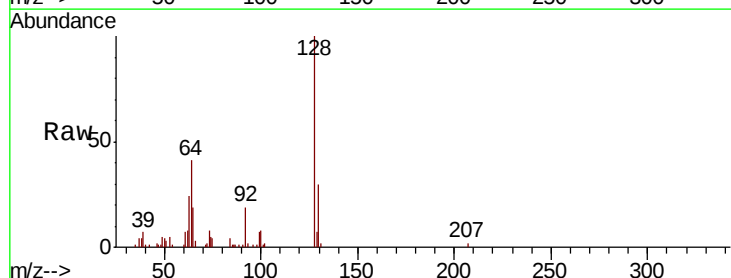
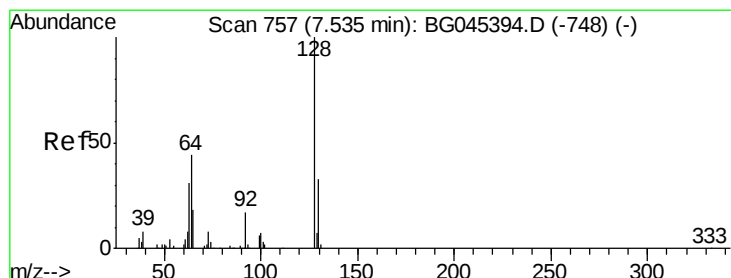
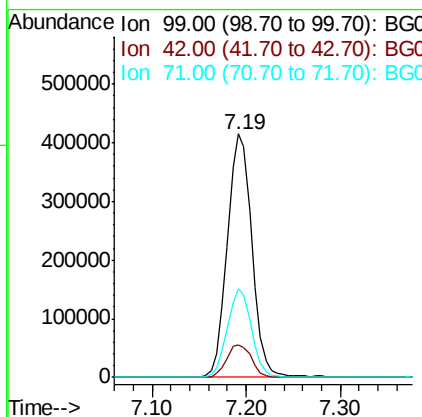
BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2020

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#8

2-Chlorophenol

Concen: 8.043 ng

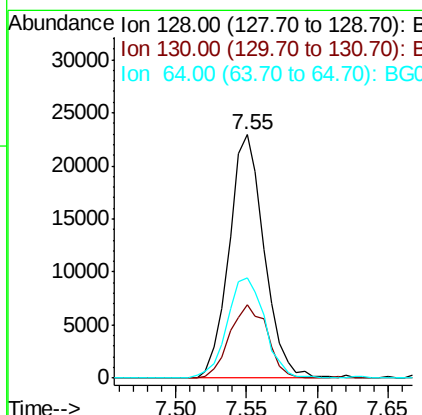
RT: 7.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	128	Resp:	39707
Ion Ratio	Lower	Upper	
128	100		
130	30.1	12.6	52.6
64	41.4	27.0	67.0





#9

Benzaldehyde

Concen: 9.116 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

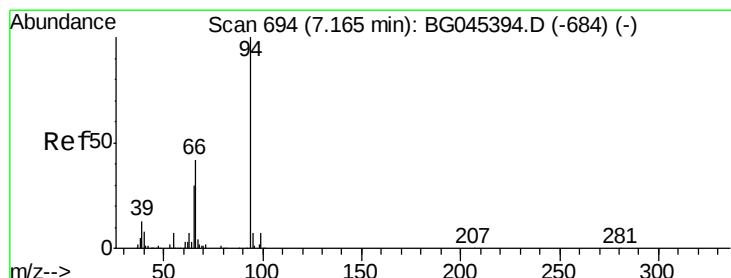
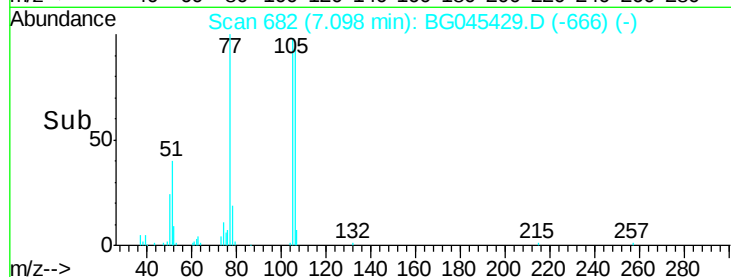
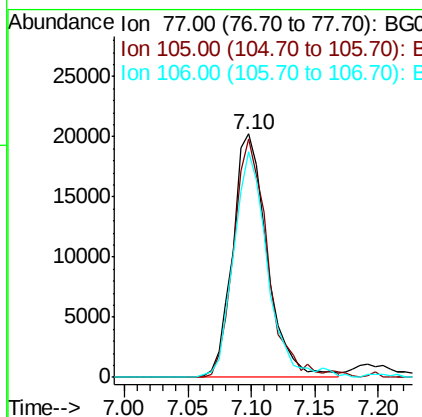
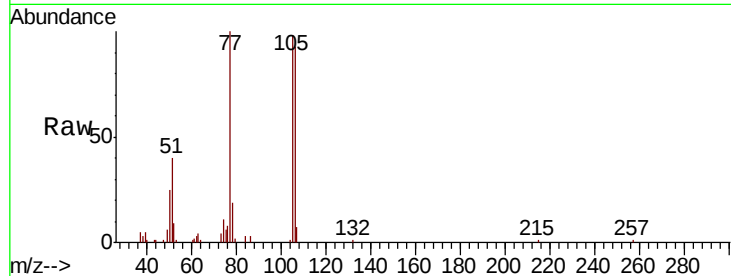
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	77	Resp:	38052
Ion	Ratio	Lower	Upper
77	100		
105	97.7	68.5	108.5
106	92.6	71.6	111.6

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#10

Phenol

Concen: 8.095 ng

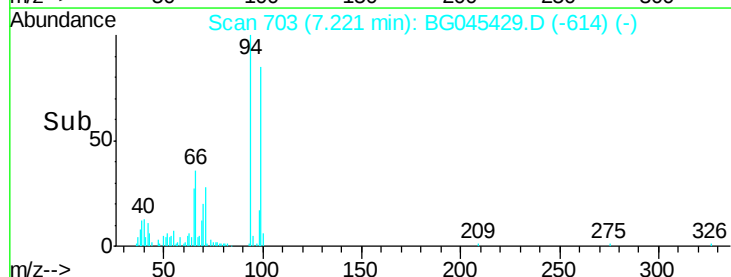
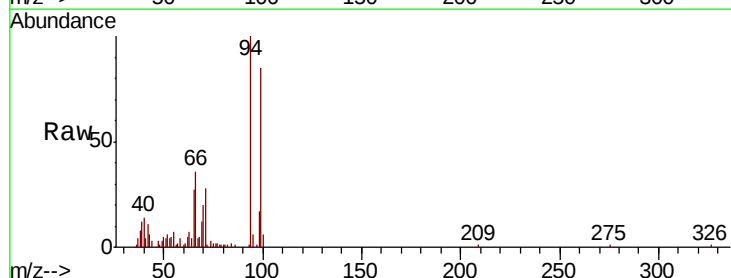
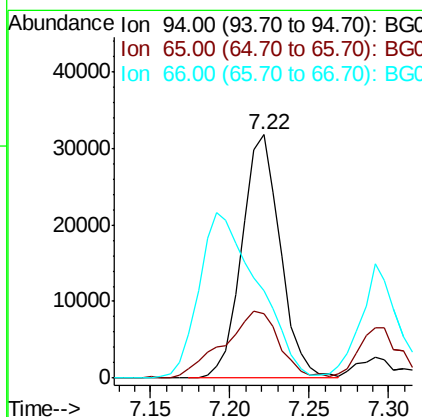
RT: 7.22 min Scan# 703

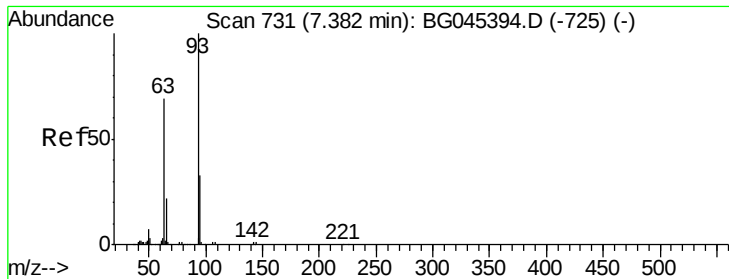
Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	94	Resp:	53456
Ion	Ratio	Lower	Upper
94	100		
65	26.7	9.8	49.8
66	36.1	22.0	62.0





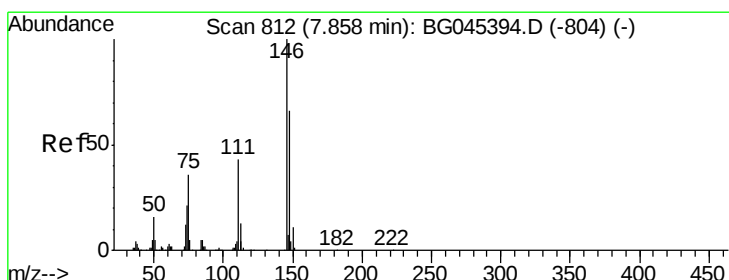
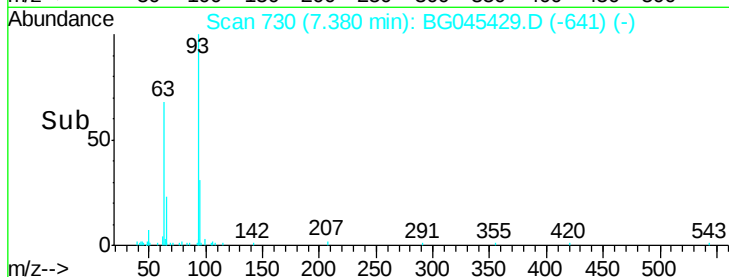
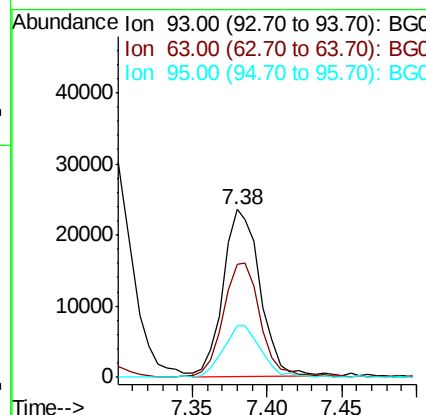
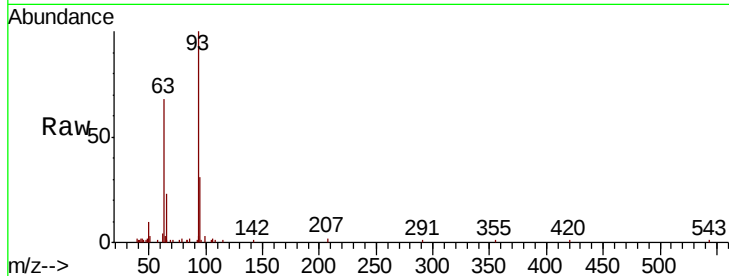
#11
bis(2-Chloroethyl)ether
Concen: 7.900 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion:	93	Resp:	40690
Ion	Ratio	Lower	Upper
93	100		
63	67.7	48.4	88.4
95	30.7	12.4	52.4

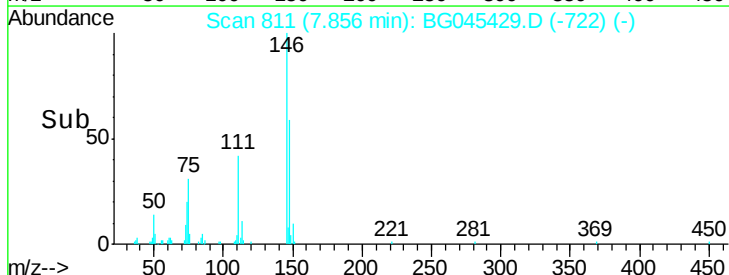
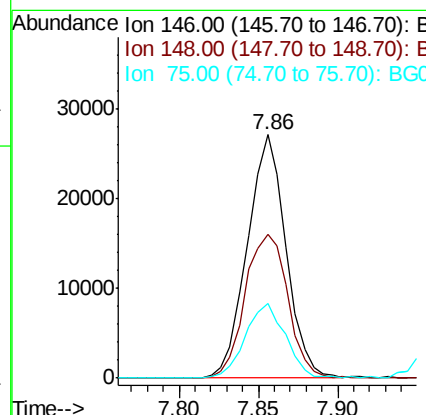
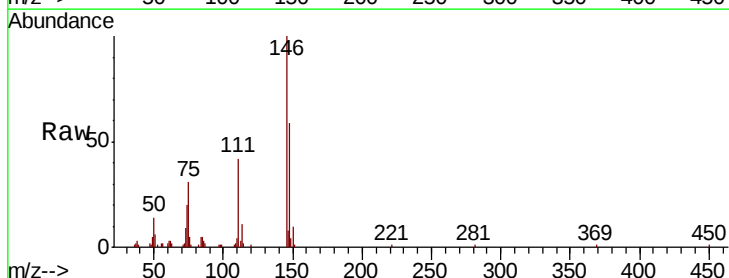
Manual Integrations
APPROVED

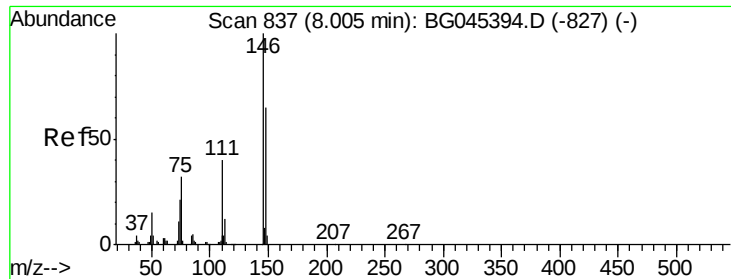
mohammad
5/20/2020 1:20:01 PM



#12
1,3-Dichlorobenzene
Concen: 7.692 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion:	146	Resp:	45633
Ion	Ratio	Lower	Upper
146	100		
148	59.2	53.2	79.8
75	30.5	28.6	43.0





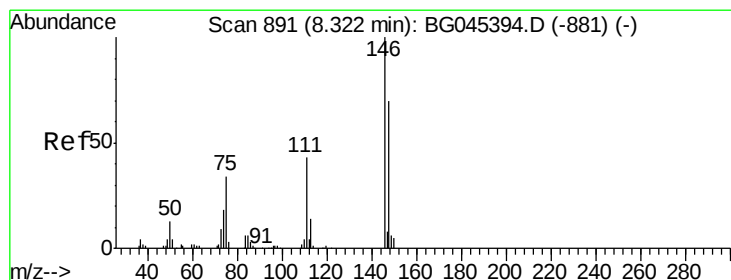
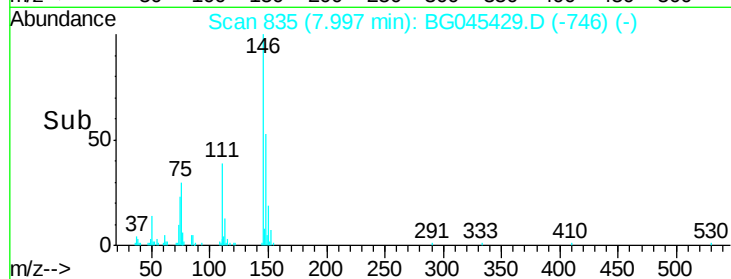
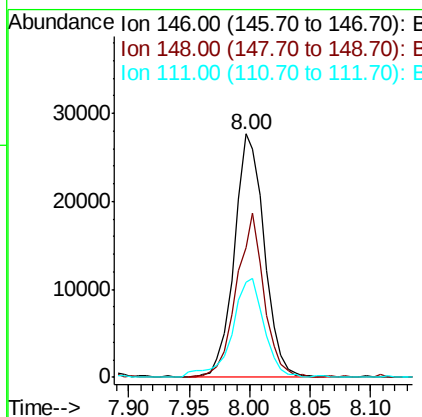
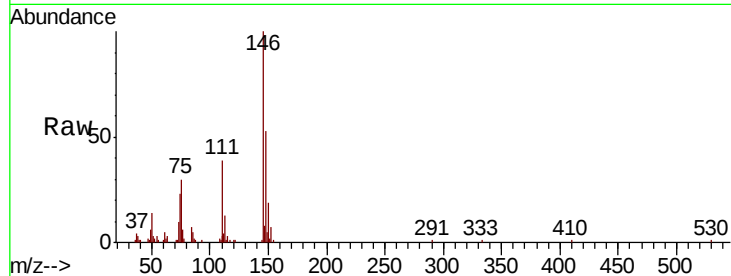
#13
1,4-Dichlorobenzene
Concen: 8.184 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	53.2	51.8	77.8
111	39.1	32.1	48.1

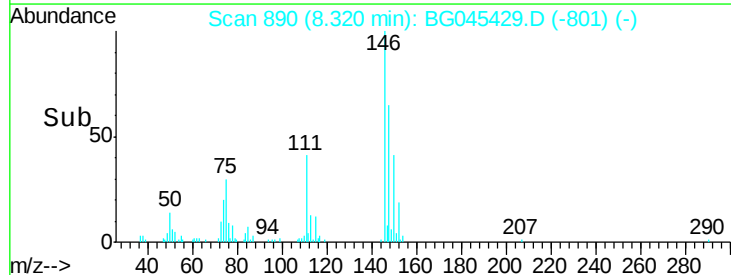
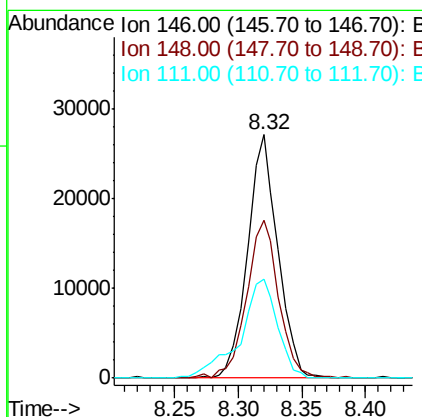
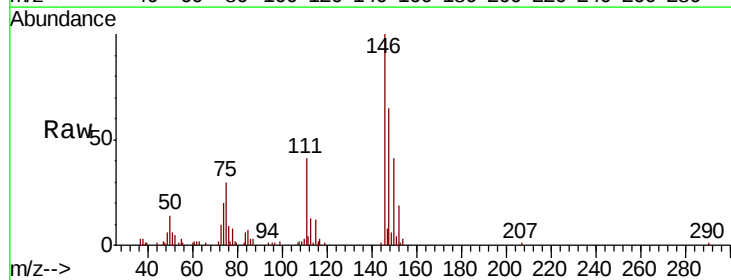
Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#14
1,2-Dichlorobenzene
Concen: 7.982 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	55.9	83.9
111	40.7	35.0	52.4





#15

Benzyl Alcohol

Concen: 7.393 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

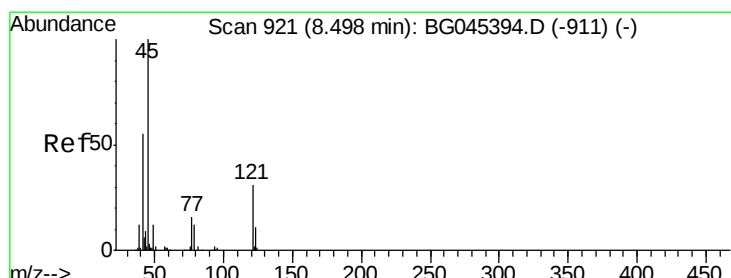
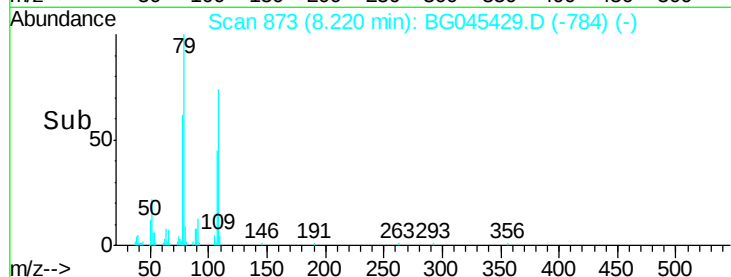
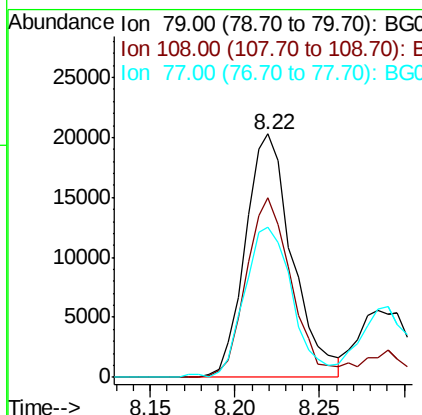
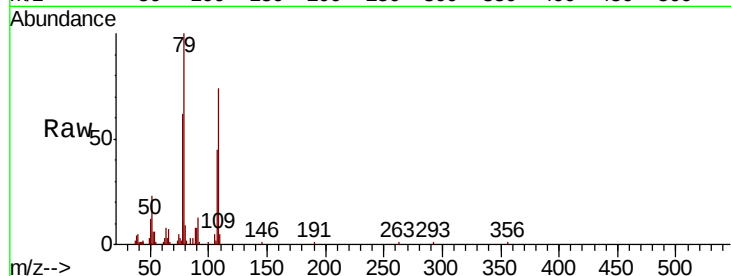
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	79	Resp:	39133
Ion	Ratio	Lower	Upper
79	100		
108	73.9	58.2	87.4
77	61.8	51.0	76.4

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.908 ng

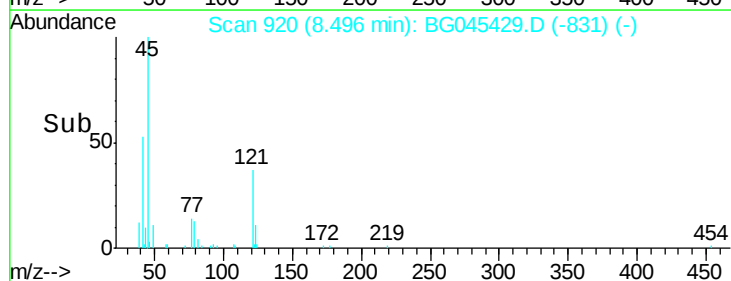
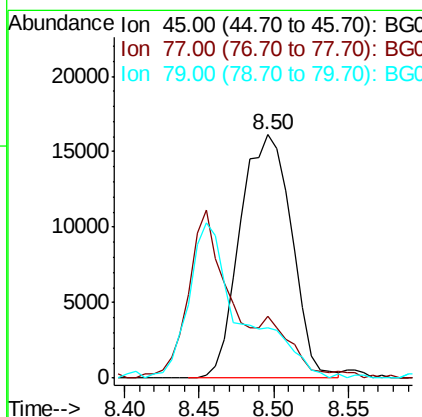
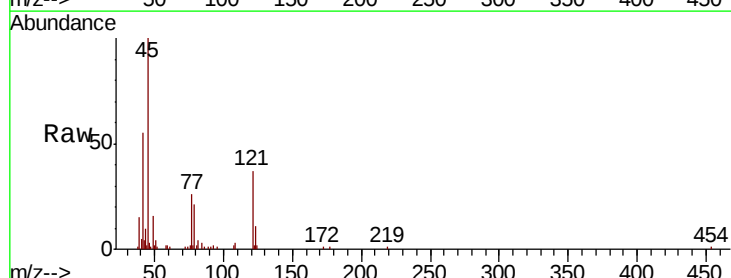
RT: 8.50 min Scan# 920

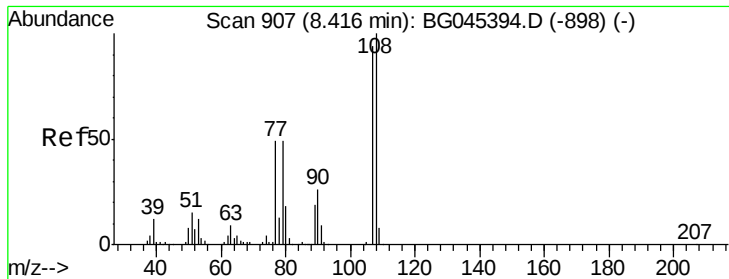
Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	45	Resp:	38665
Ion	Ratio	Lower	Upper
45	100		
77	25.7	4.0	44.0
79	20.8	0.0	38.6





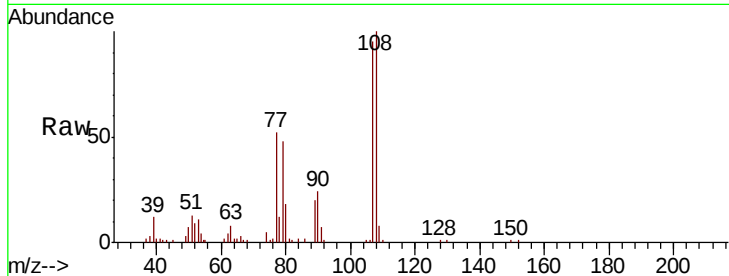
#17
2-Methylphenol
Concen: 7.173 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.6	85.2	127.8	
77	54.6	41.6	62.4	
79	50.4	41.8	62.8	

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



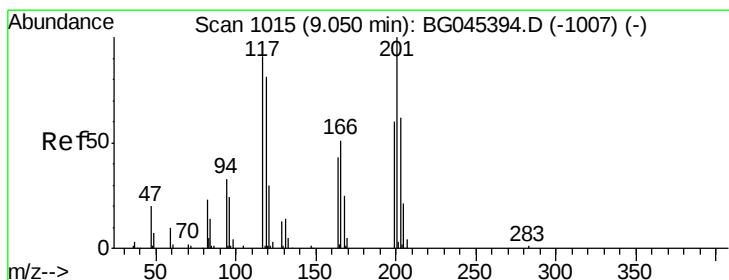
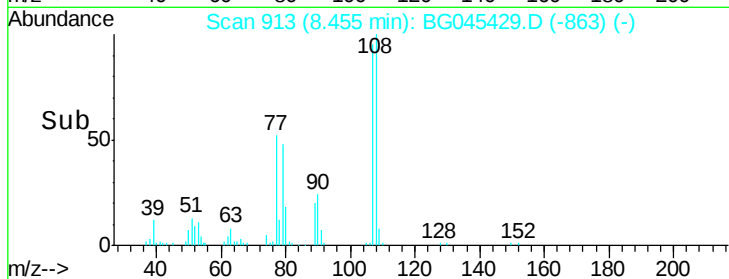
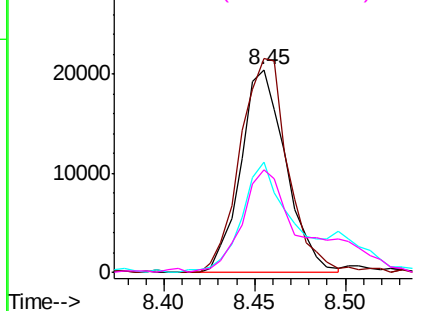
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 8.133 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

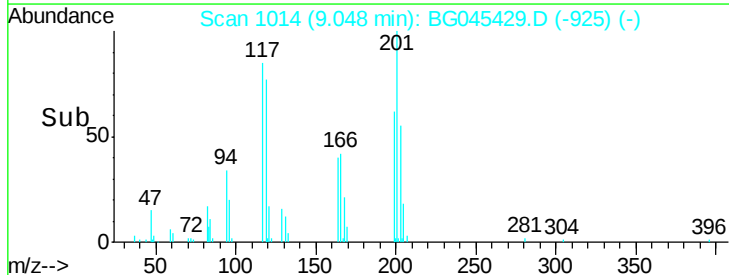
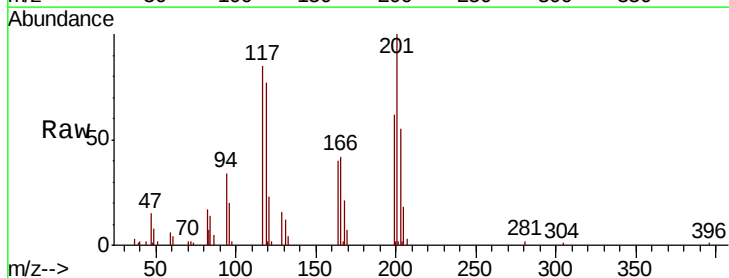
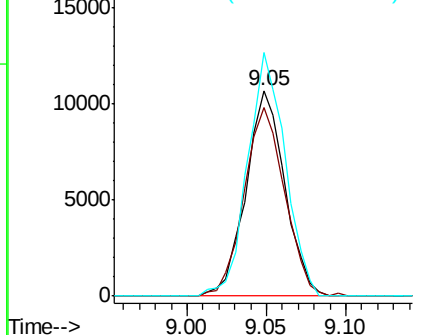
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.4	71.3	106.9	
201	118.3	87.5	131.3	

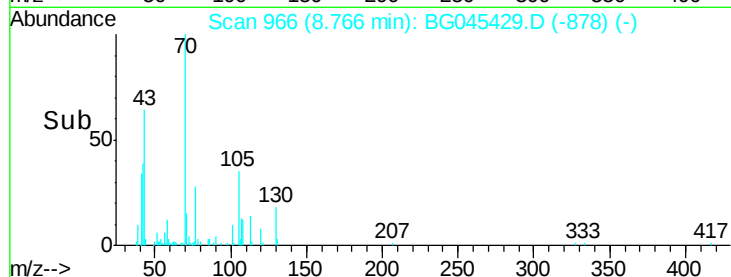
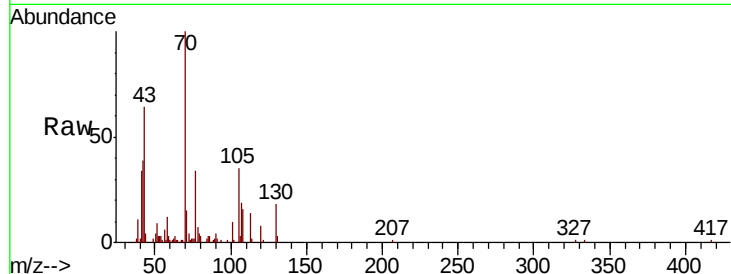
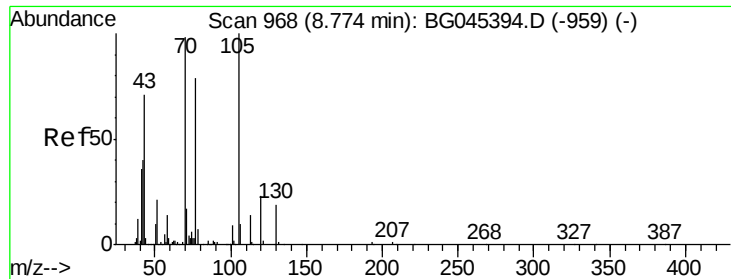
Abundance

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





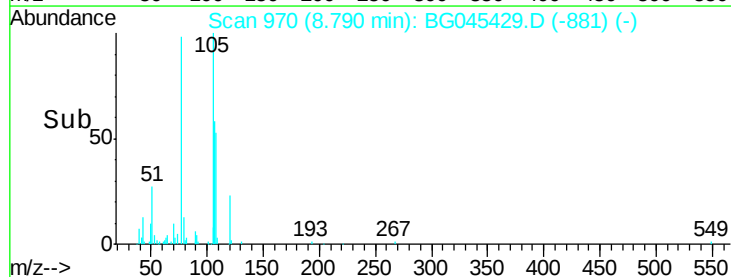
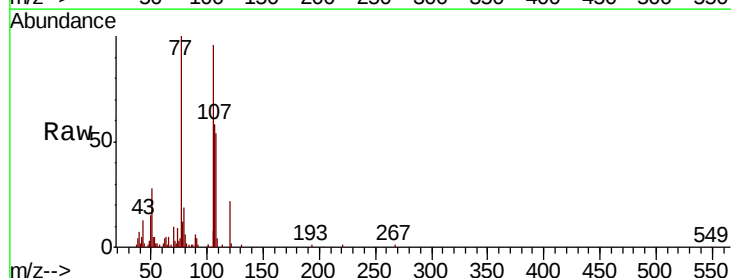
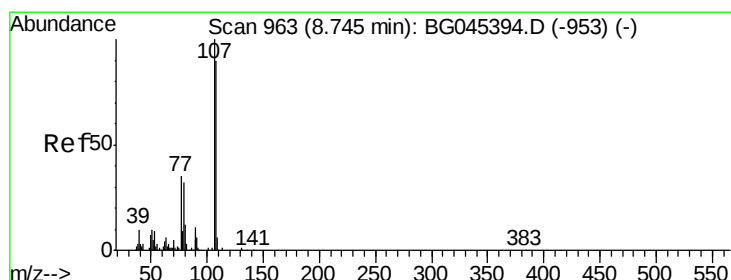
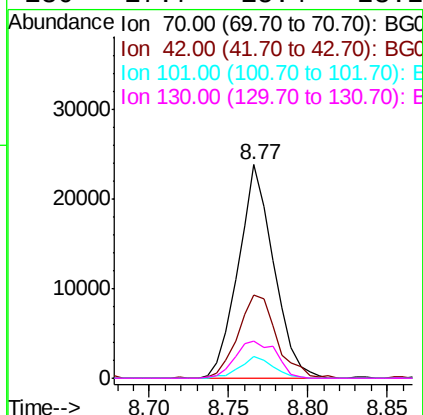
#19
n-Nitroso-di-n-propylamine
Concen: 8.339 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		36949		
42	39.1	33.2	49.8		
101	10.1	7.8	11.6		
130	17.7	15.4	23.2		

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

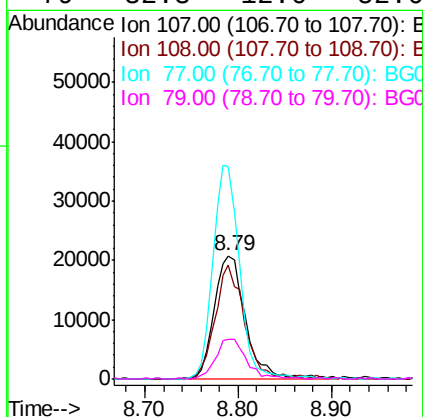
Manual Integrations
APPROVED

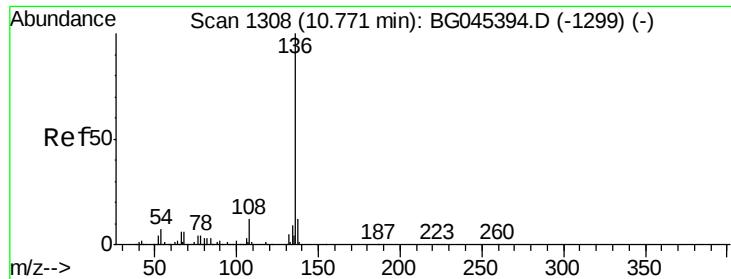
mohammad
5/20/2020 1:20:01 PM



#20
3+4-Methylphenols
Concen: 7.189 ng m
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		48385		
108	92.8	70.3	110.3		
77	172.3	15.4	55.4#		
79	32.3	12.6	52.6		





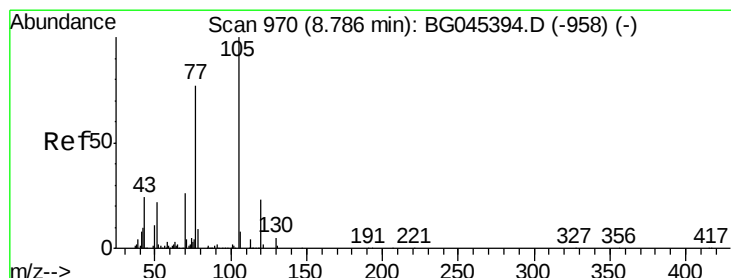
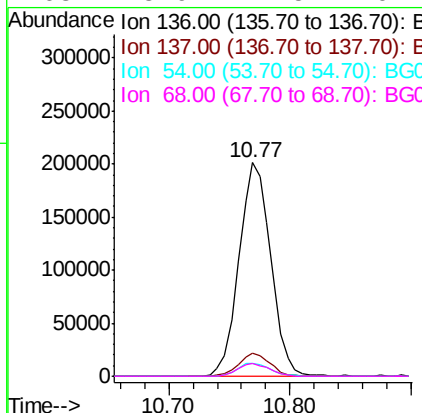
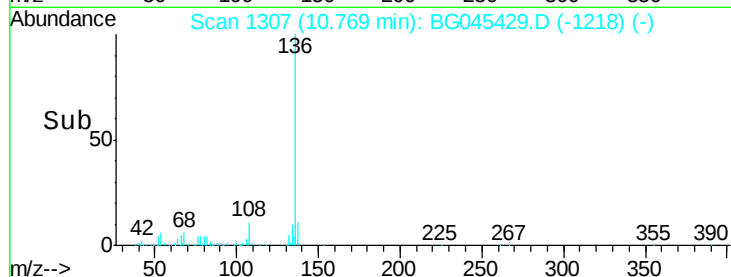
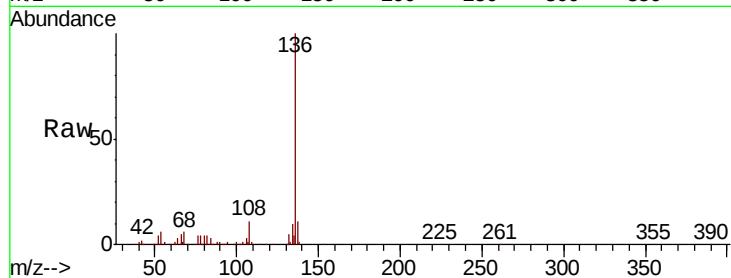
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	369080		
137	10.9		9.4	14.2
54	6.2		5.8	8.6
68	5.9		4.5	6.7

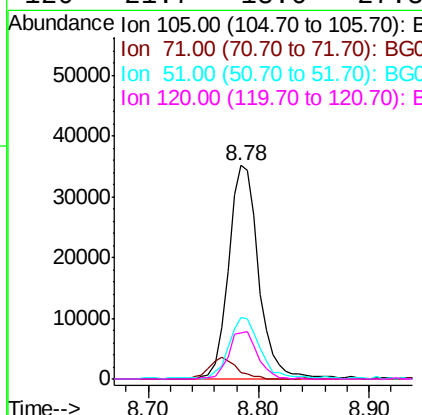
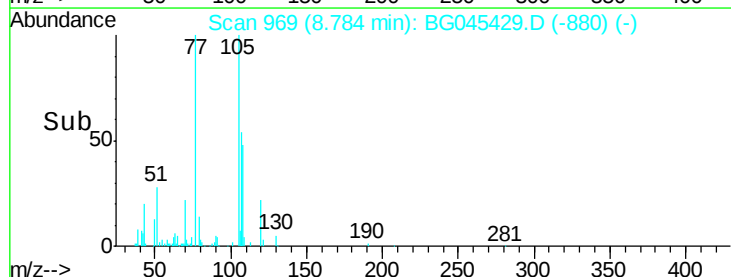
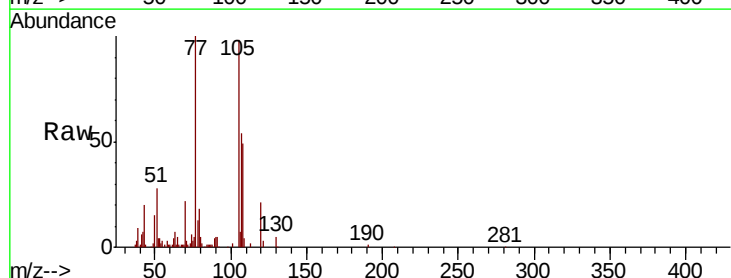
Manual Integrations
APPROVED

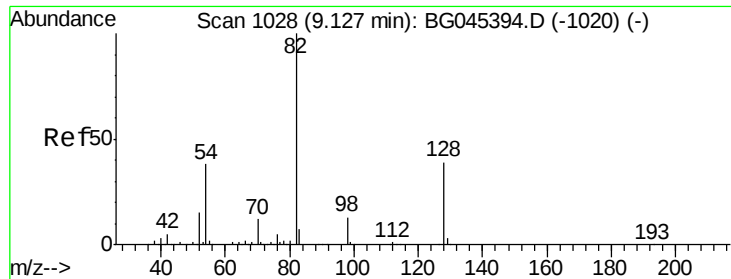
mohammad
5/20/2020 1:20:01 PM



#22
Acetophenone
Concen: 7.668 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	67076		
71	2.9		3.4	5.0#
51	28.5		18.2	27.2#
120	21.7		18.6	27.8





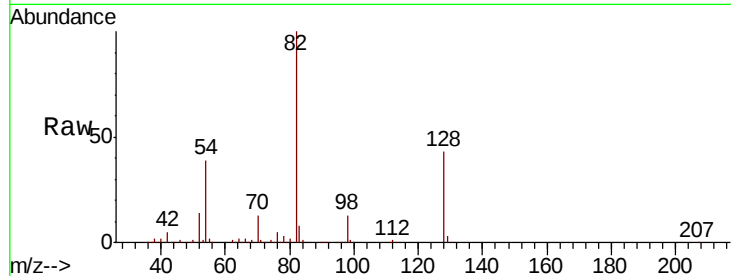
#23
Nitrobenzene-d5
Concen: 75.864 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.8	30.9	46.3	
54	39.2	30.3	45.5	

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM

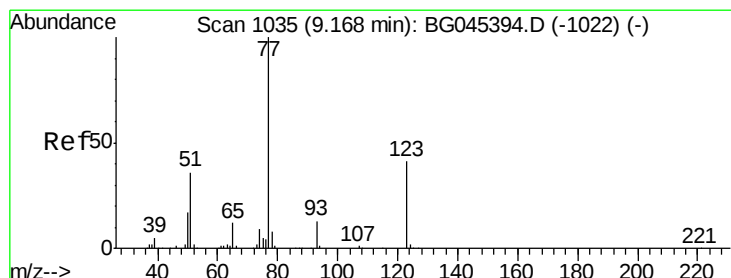
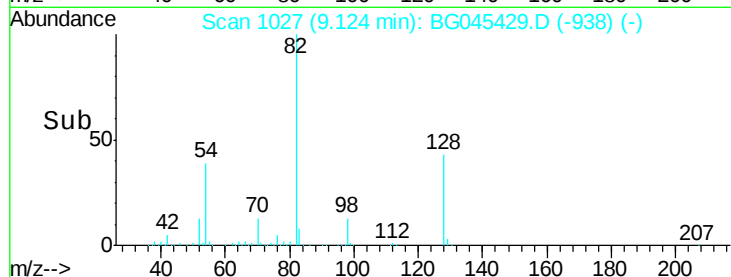
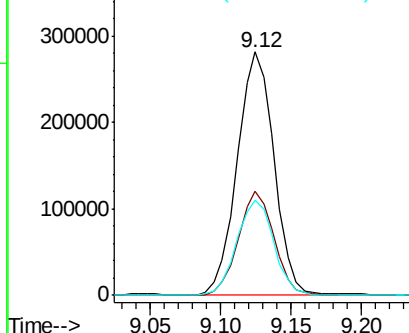


Abundance

Ion 82.00 (81.70 to 82.70): BGC

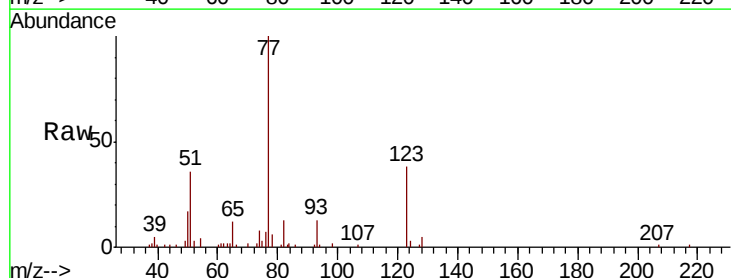
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 7.554 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.4	32.9	49.3	
65	11.6	9.4	14.2	

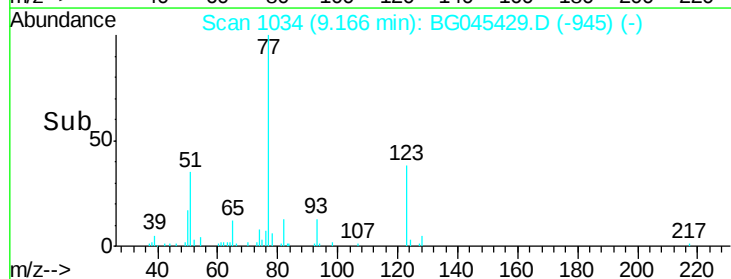
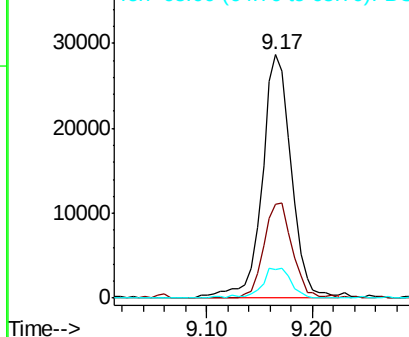


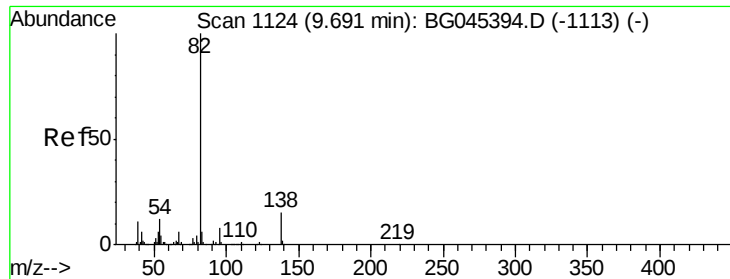
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





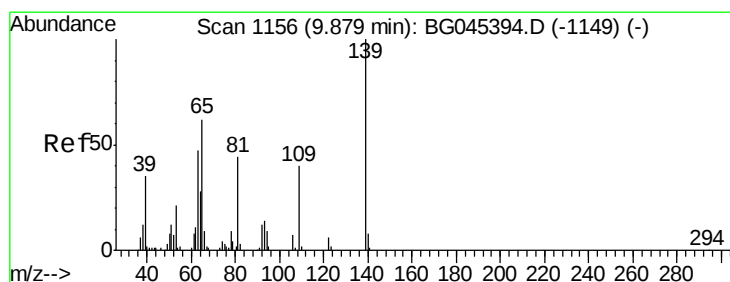
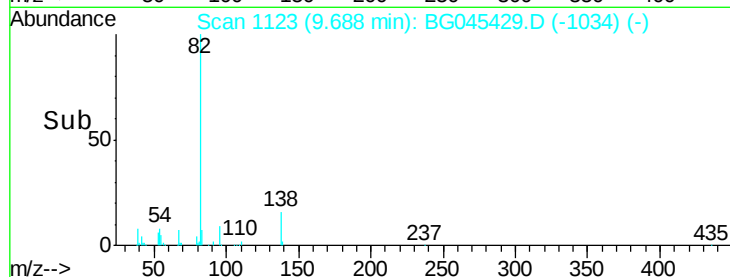
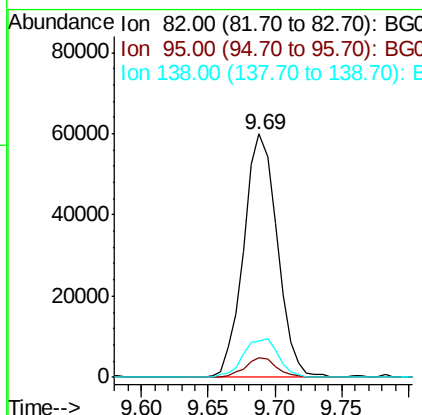
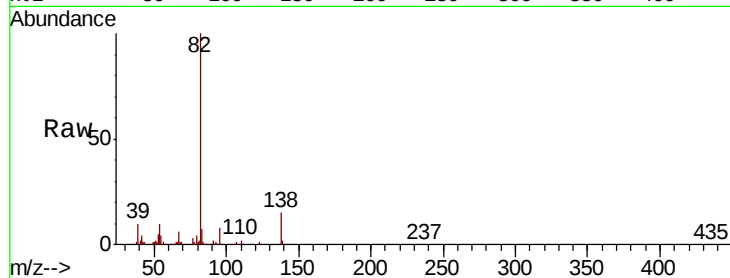
#25
Isophorone
Concen: 7.826 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	82	Resp	104319
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.7	10.1
138	14.8	12.2	18.4

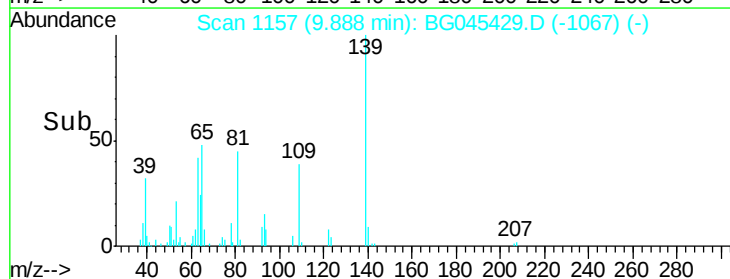
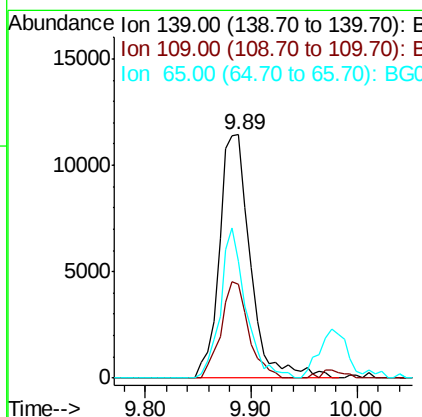
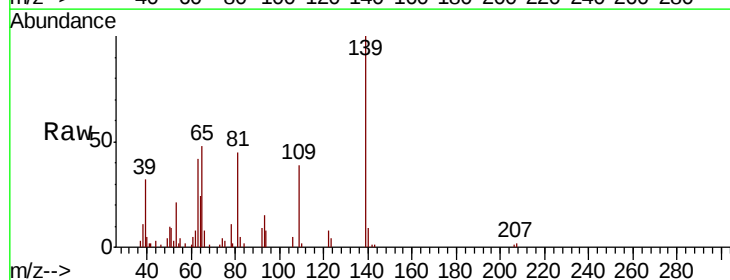
Manual Integrations
APPROVED

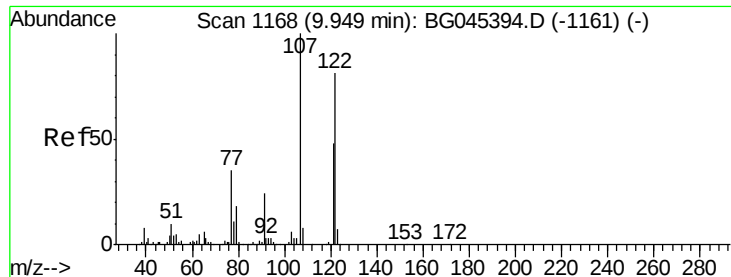
mohammad
5/20/2020 1:20:01 PM



#26
2-Nitrophenol
Concen: 7.544 ng
RT: 9.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	139	Resp	23402
Ion Ratio	Lower	Upper	
139	100		
109	38.6	32.2	48.4
65	48.0	49.6	74.4#





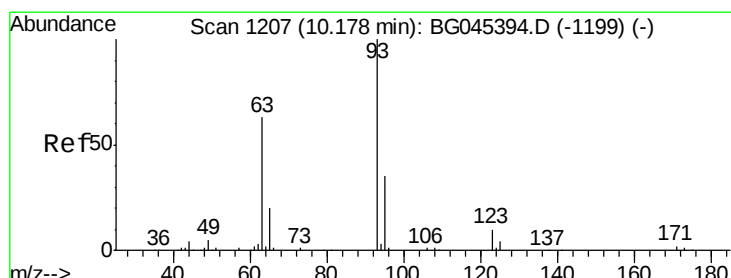
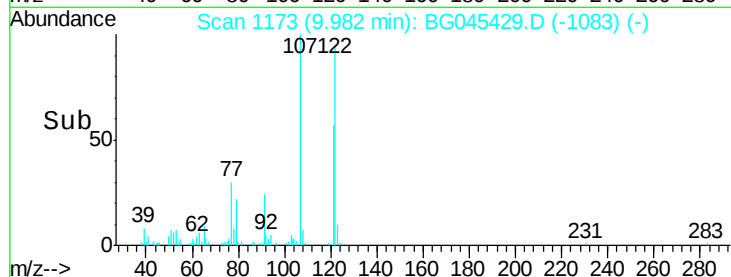
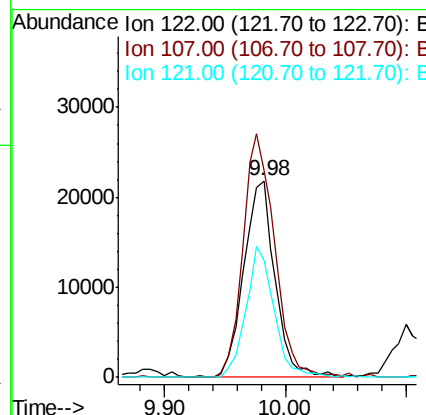
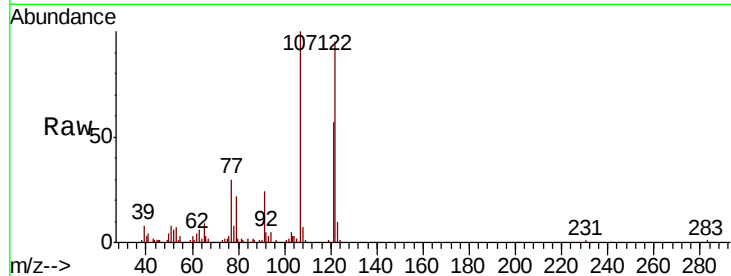
#27
2,4-Dimethylphenol
Concen: 8.573 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	104.9	99.0	148.4
121	59.5	47.7	71.5

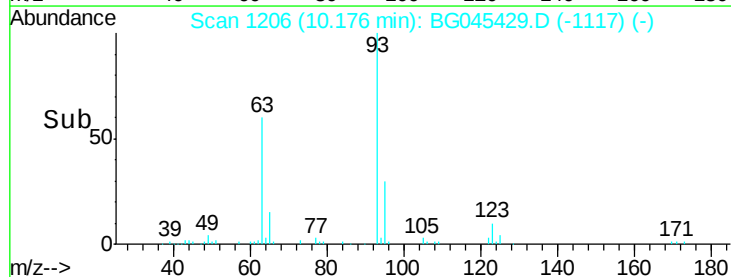
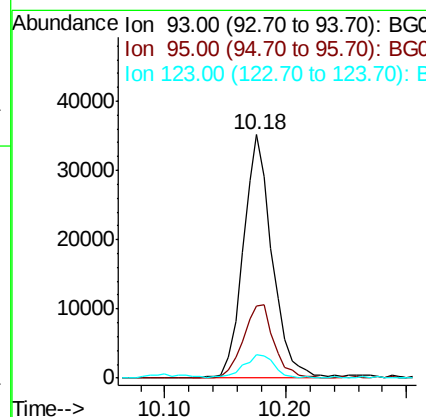
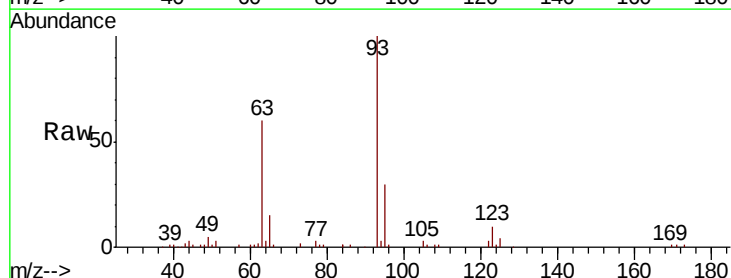
Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#28
bis(2-Chloroethoxy)methane
Concen: 8.381 ng
RT: 10.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.7	27.6	41.4
123	9.6	8.1	12.1





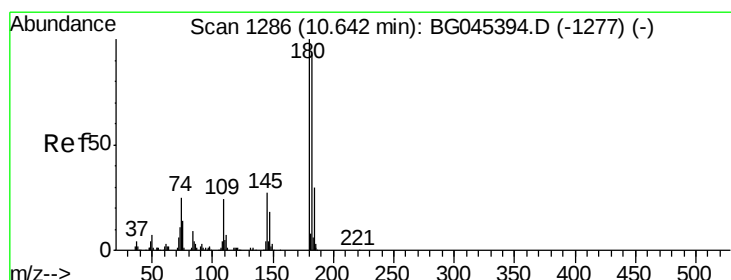
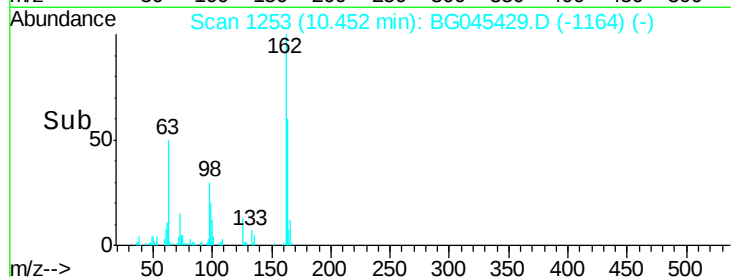
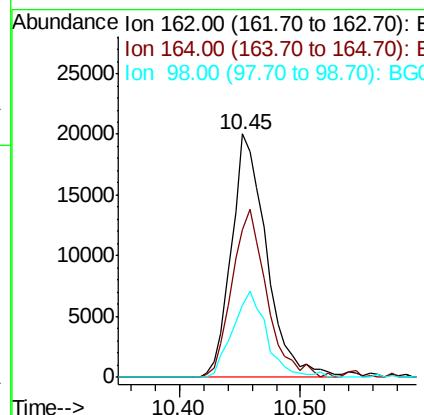
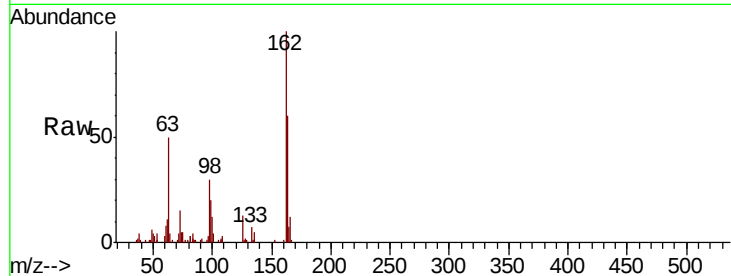
#29
2,4-Dichlorophenol
Concen: 7.472 ng
RT: 10.45 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.5	46.8	86.8
98	29.8	15.2	55.2

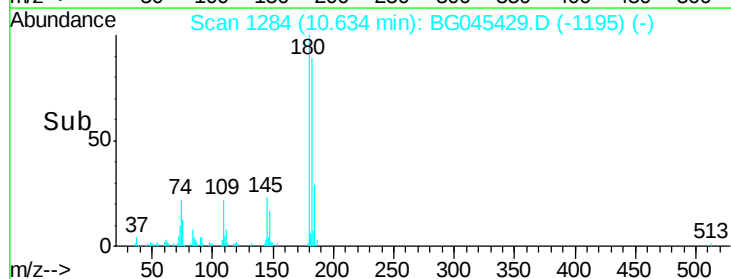
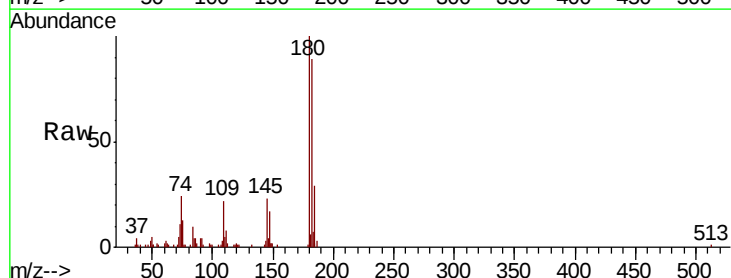
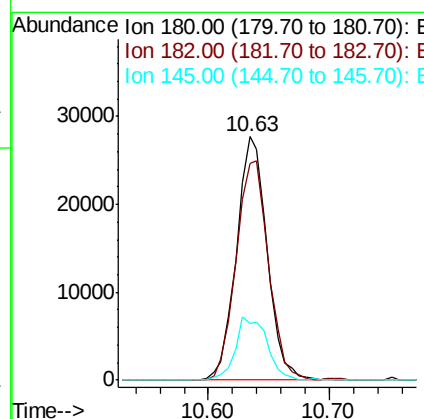
Manual Integrations
APPROVED

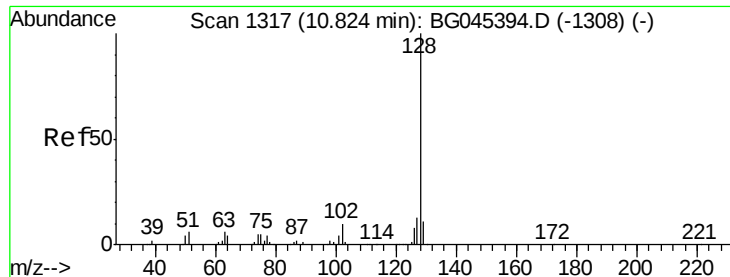
mohammad
5/20/2020 1:20:01 PM



#30
1,2,4-Trichlorobenzene
Concen: 7.653 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.1	74.8	112.2
145	23.2	21.9	32.9





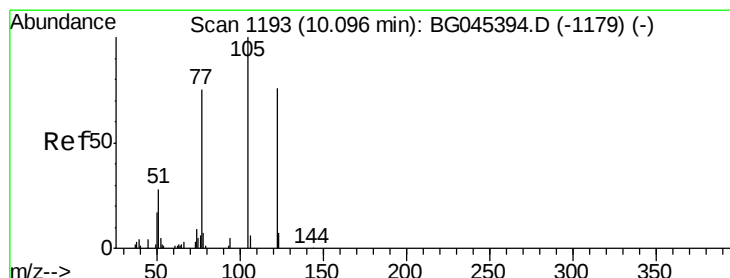
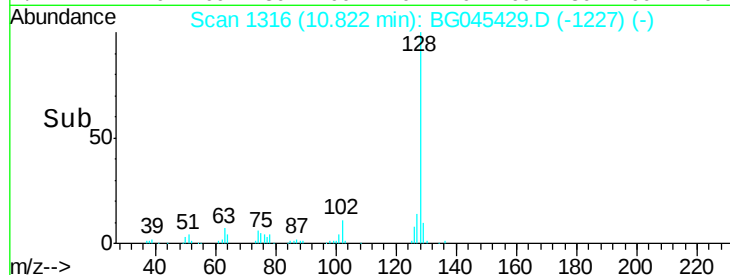
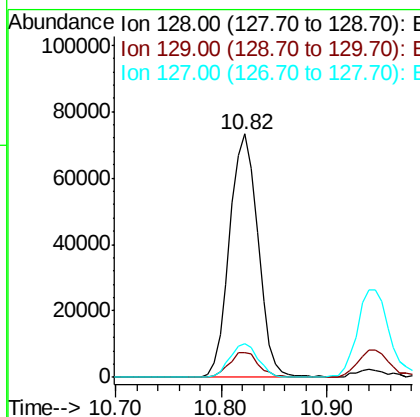
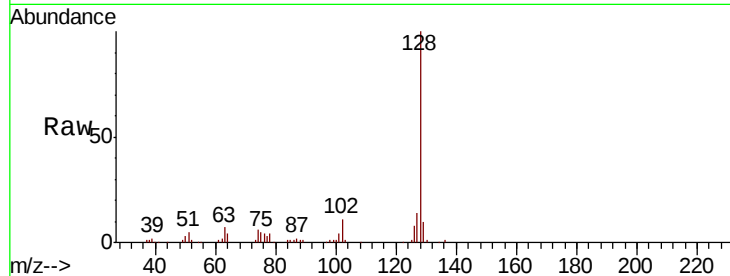
#31
Naphthalene
Concen: 7.937 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion:	128	Resp:	136503
Ion Ratio	Lower	Upper	
128	100		
129	9.9	9.0	13.6
127	13.6	10.7	16.1

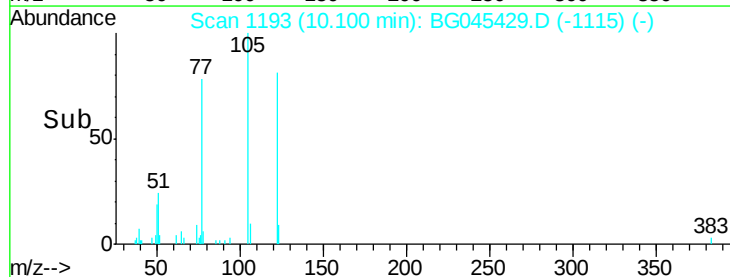
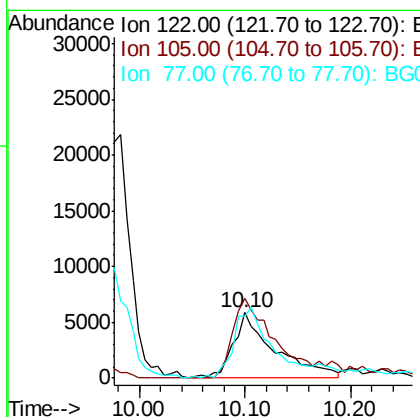
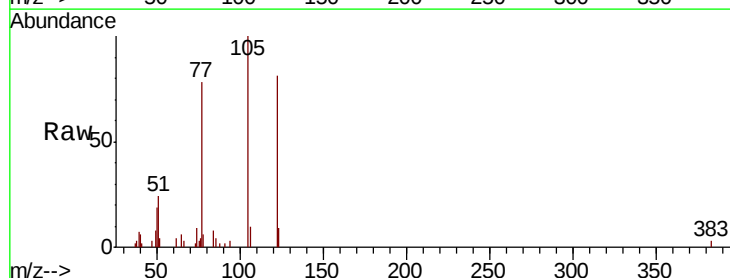
Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#32
Benzoic acid
Concen: 5.776 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.07 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion:	122	Resp:	15959
Ion Ratio	Lower	Upper	
122	100		
105	122.8	107.9	147.9
77	95.7	78.9	118.9





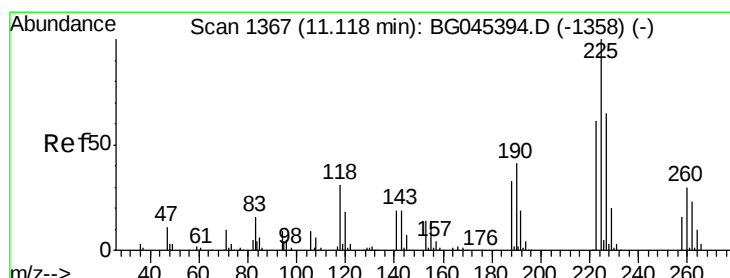
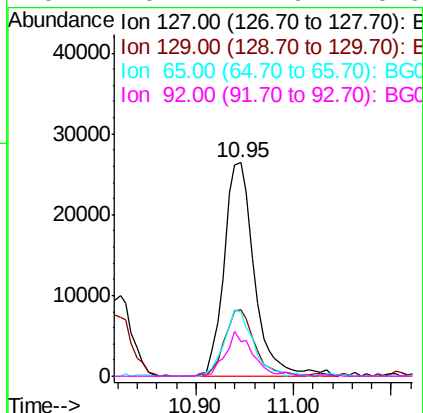
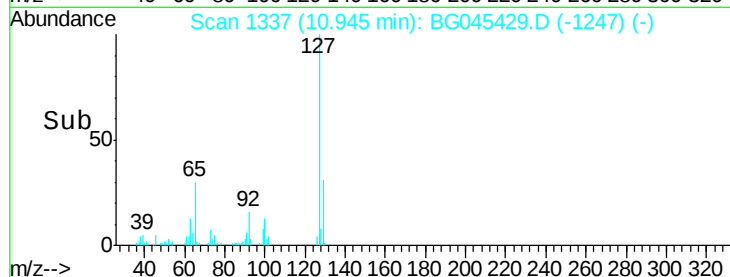
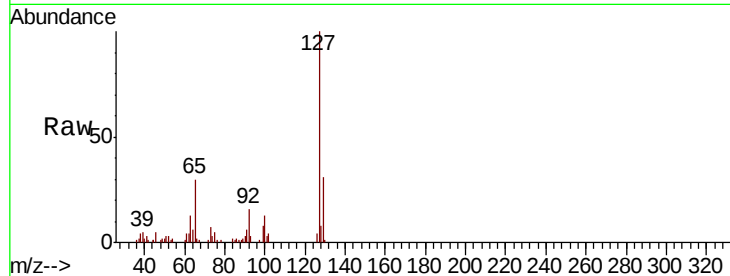
#33
4-Chloroaniline
Concen: 7.961 ng
RT: 10.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		57233		
129	31.4	24.7	37.1		
65	29.7	26.2	39.2		
92	16.1	17.9	26.9		

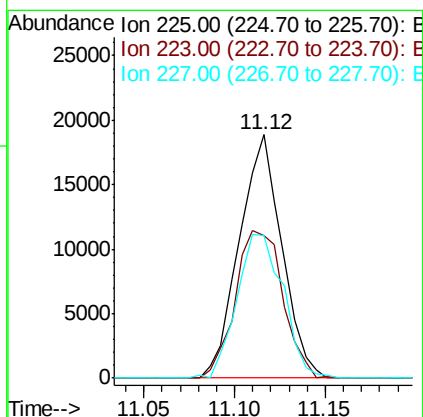
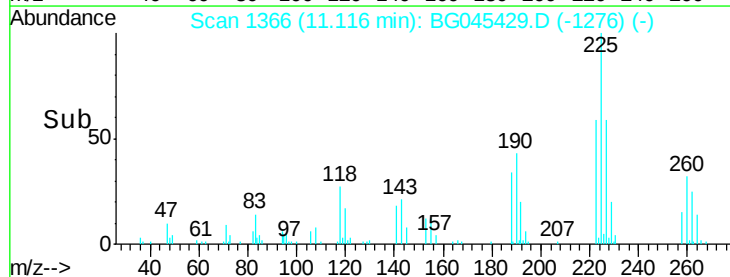
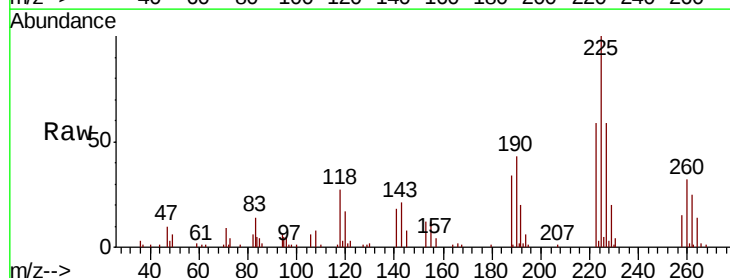
Manual Integrations
APPROVED

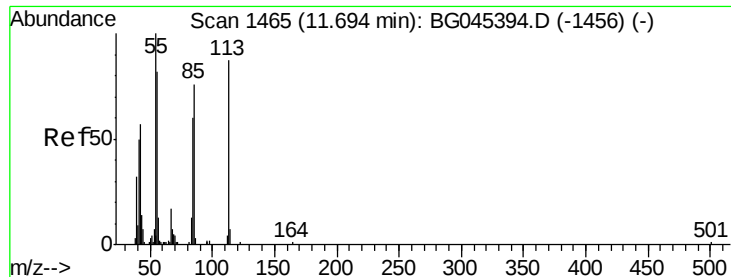
mohammad
5/20/2020 1:20:01 PM



#34
Hexachlorobutadiene
Concen: 6.798 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		30849		
223	58.6	49.1	73.7		
227	58.5	52.0	78.0		





#35

Caprolactam

Concen: 8.057 ng

RT: 11.68 min Scan# 1462

Delta R.T. -0.03 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

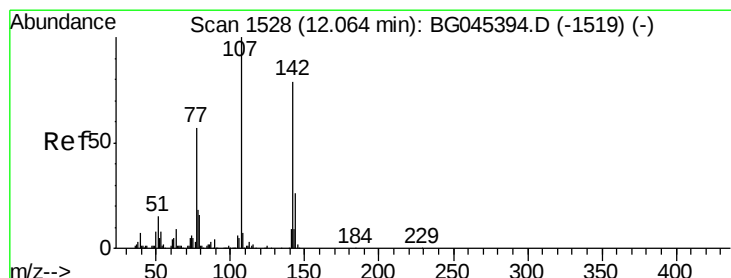
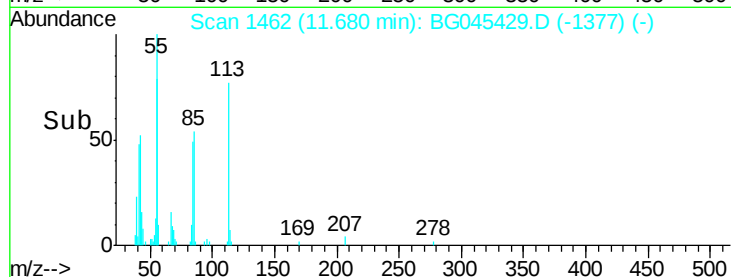
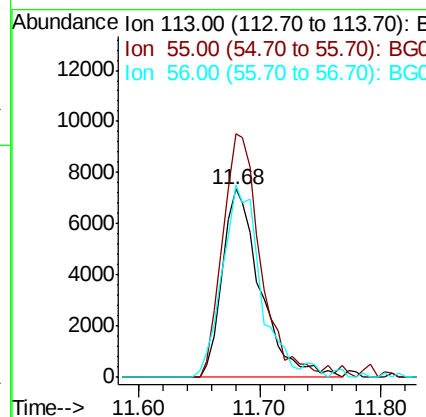
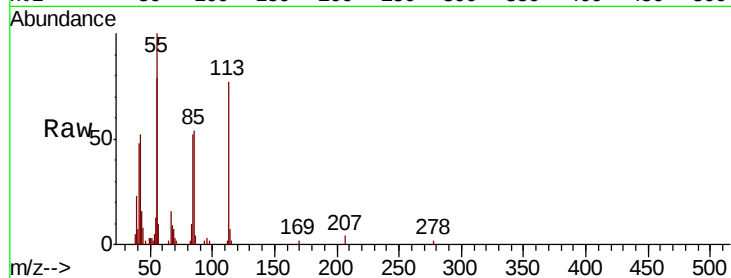
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	113	Resp:	16067
Ion	Ratio	Lower	Upper
113	100		
55	129.2	96.0	136.0
56	101.8	75.1	115.1

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#36

4-Chloro-3-methylphenol

Concen: 7.978 ng

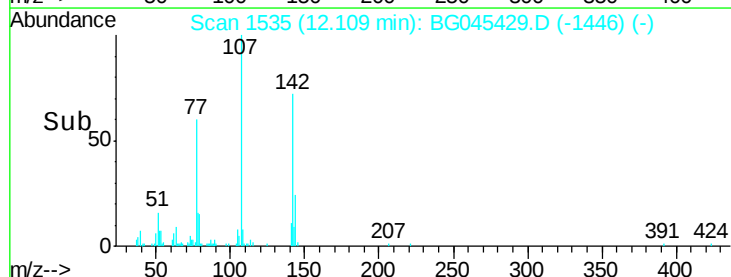
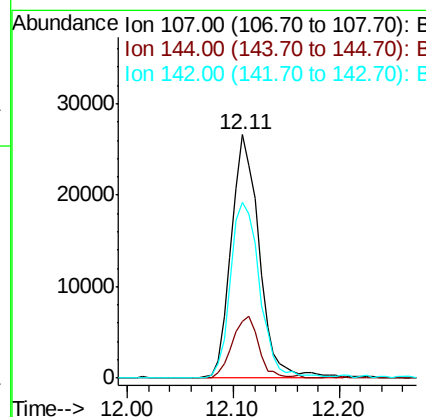
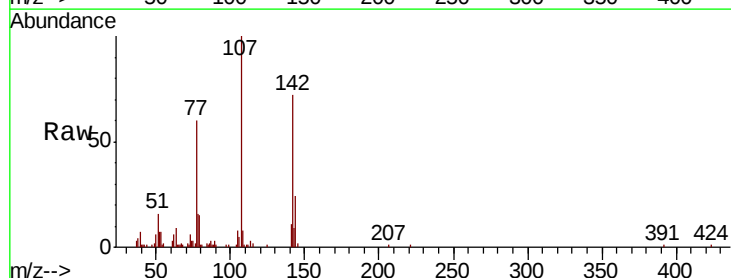
RT: 12.11 min Scan# 1535

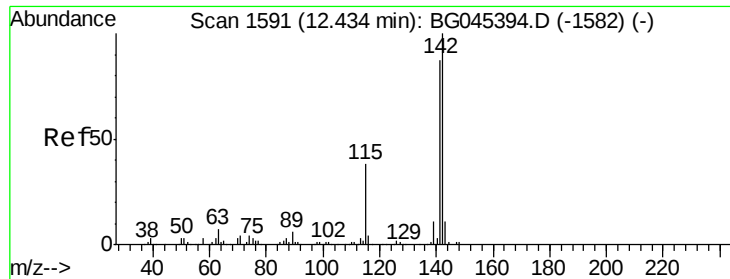
Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	107	Resp:	48845
Ion	Ratio	Lower	Upper
107	100		
144	23.5	20.8	31.2
142	72.2	62.8	94.2





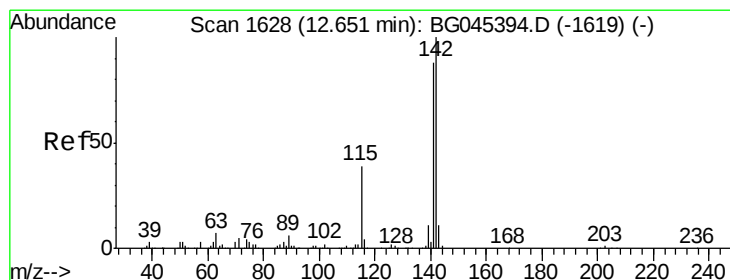
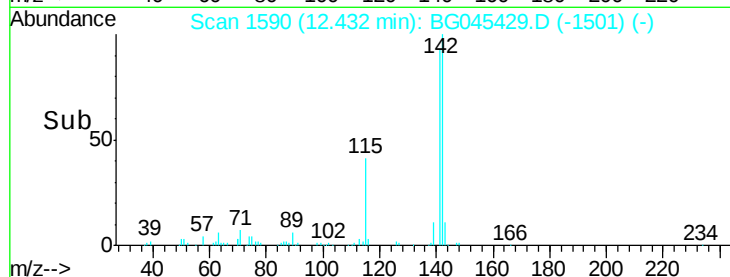
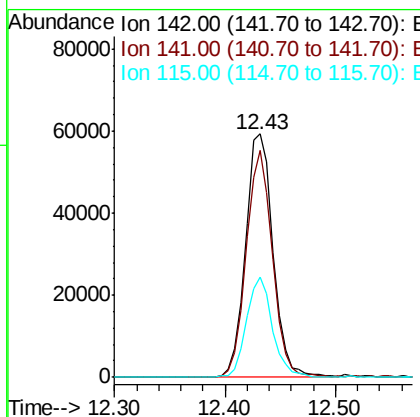
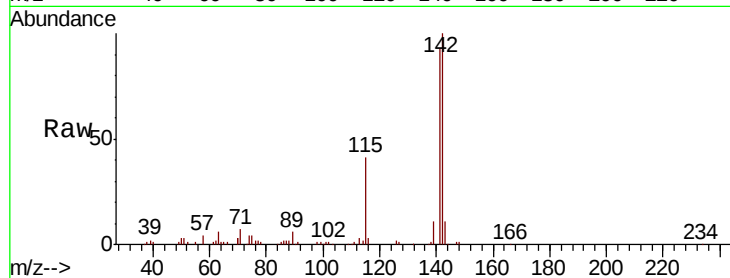
#37
2-Methylnaphthalene
Concen: 8.098 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	70.0	105.0
115	40.9	30.8	46.2

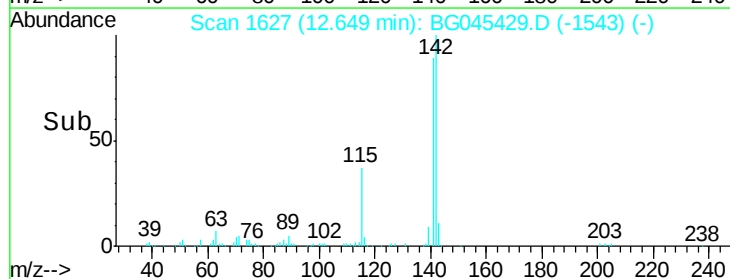
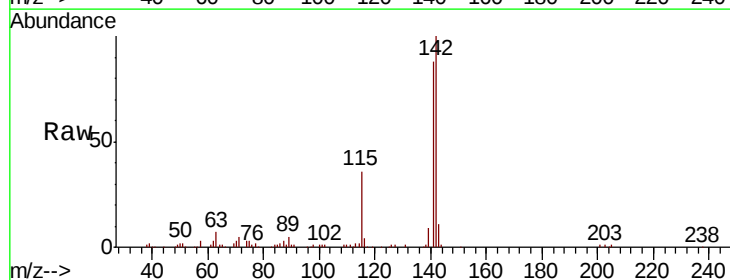
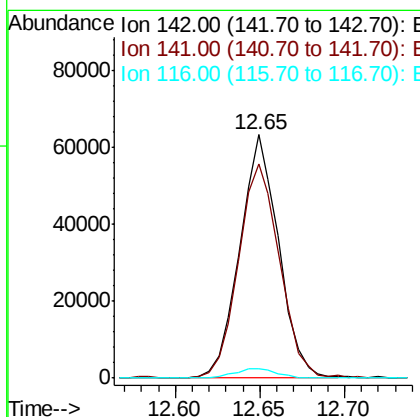
Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#38
1-Methylnaphthalene
Concen: 8.337 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
116	4.1	3.0	4.6





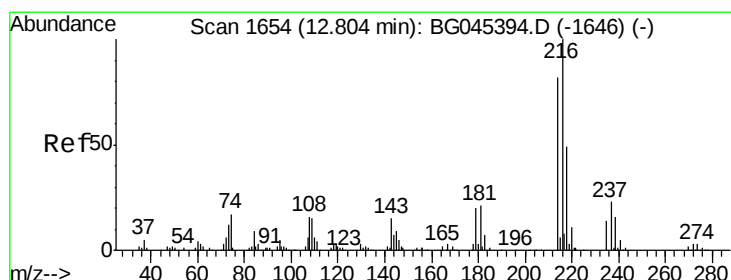
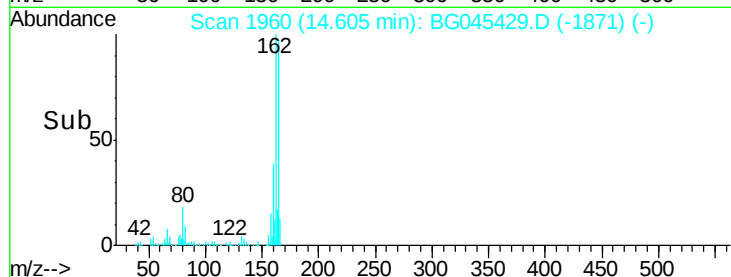
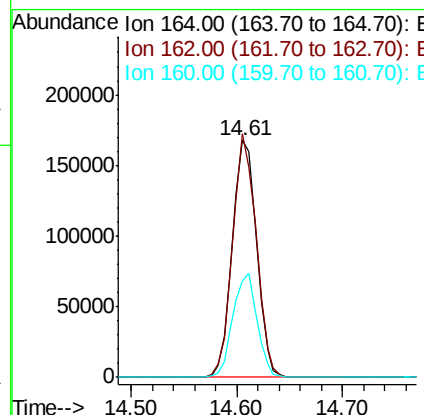
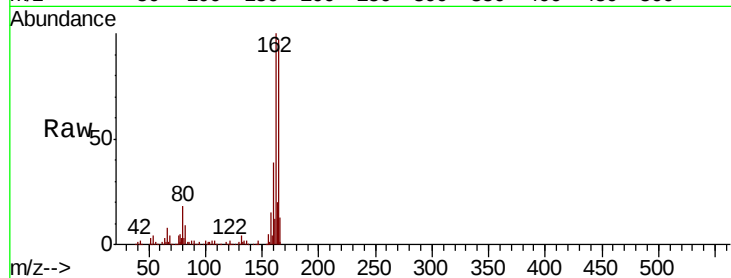
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	76.9	115.3
160	40.5	33.8	50.8

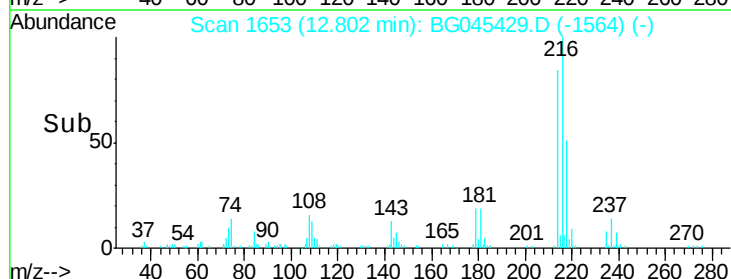
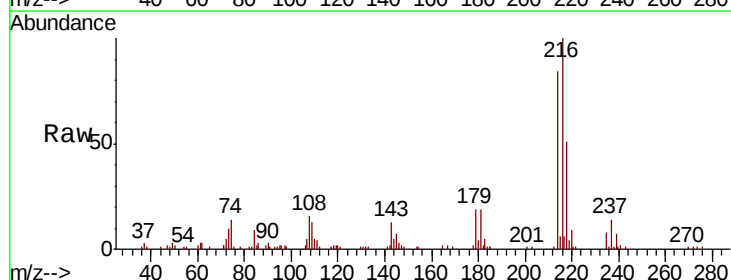
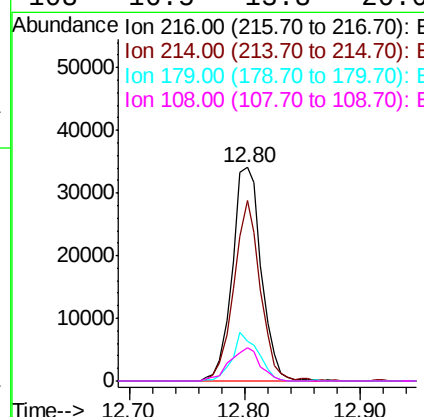
Manual Integrations
APPROVED

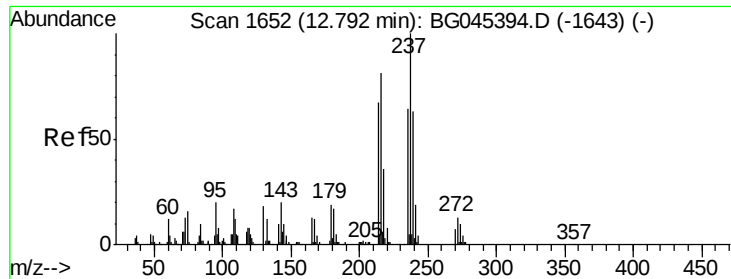
mohammad
5/20/2020 1:20:01 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.935 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.9	63.7	95.5
179	20.2	16.1	24.1
108	16.5	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 5.973 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

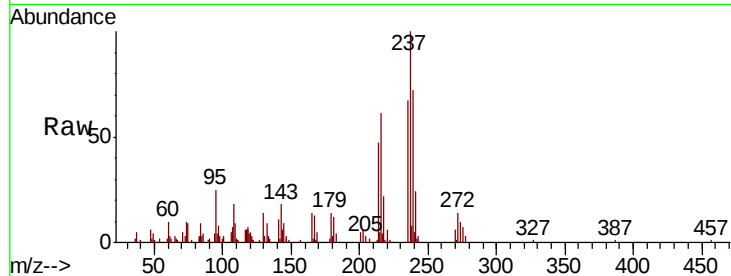
ClientSampleId :

LOQ-WATER-02-QT2-2020

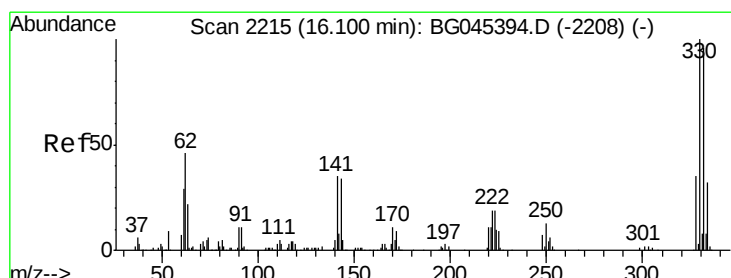
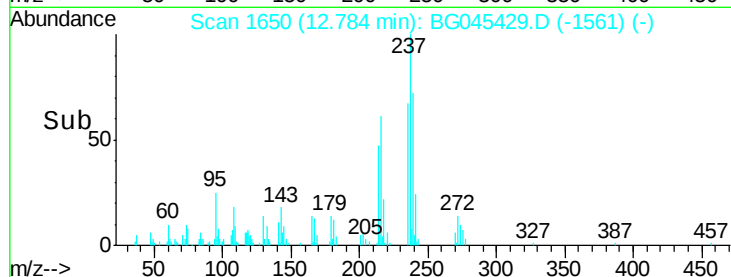
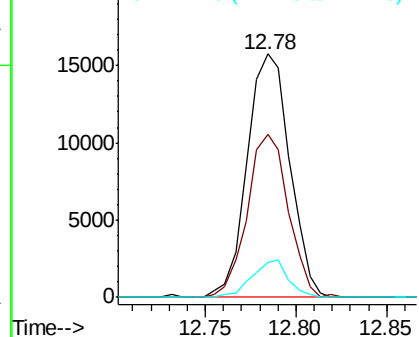
Tot Ion:	237	Resp:	25655
Ion Ratio	Lower	Upper	
237	100		
235	66.9	44.4	84.4
272	14.3	0.0	32.5

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



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



#42

2,4,6-Tribromophenol

Concen: 117.990 ng

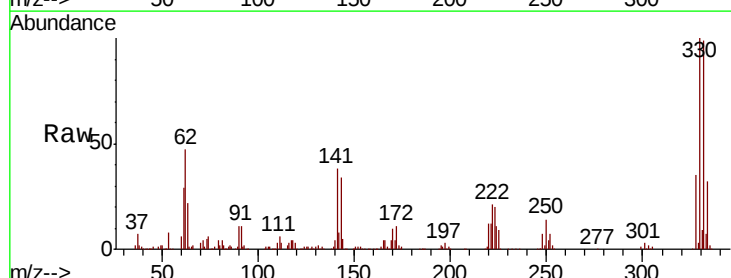
RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

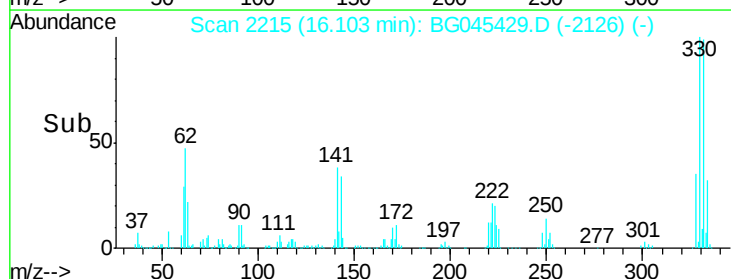
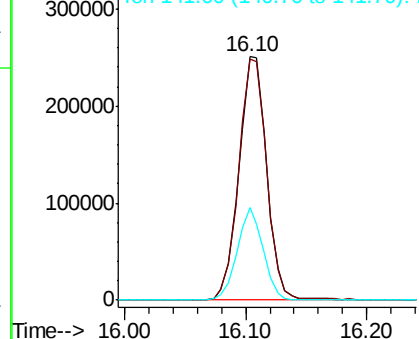
Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	330	Resp:	402028
Ion Ratio	Lower	Upper	
330	100		
332	100.3	78.2	117.4
141	35.5	28.2	42.4



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





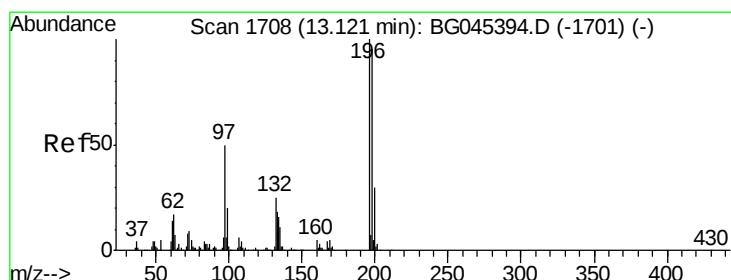
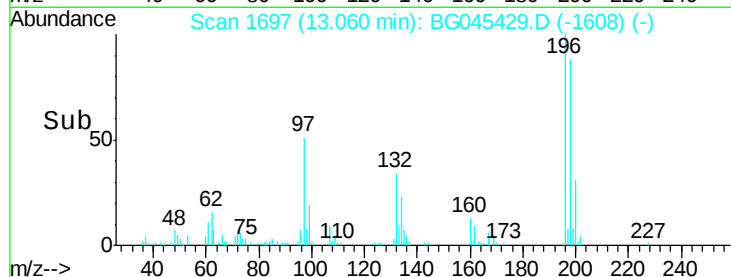
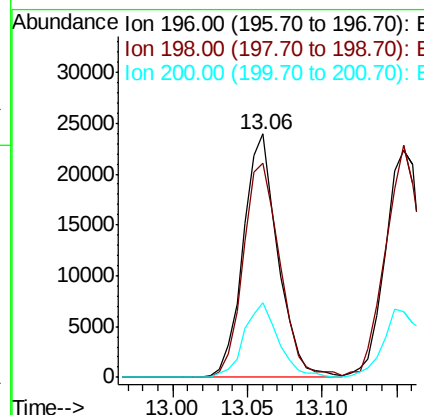
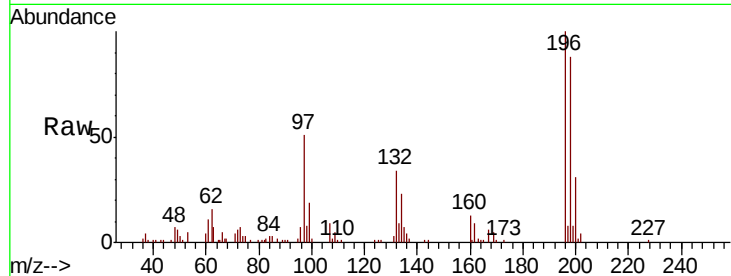
#43
 2,4,6-Trichlorophenol
 Concen: 7.461 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
196	100		
198	87.7	76.7	115.1
200	30.5	24.9	37.3

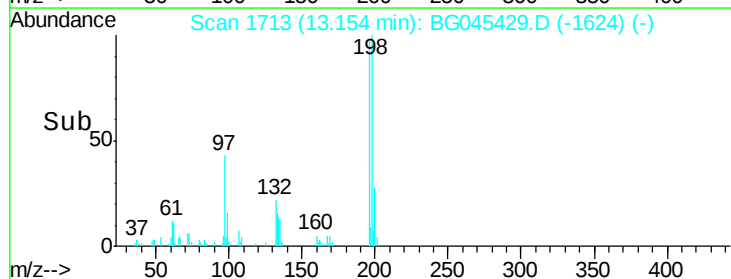
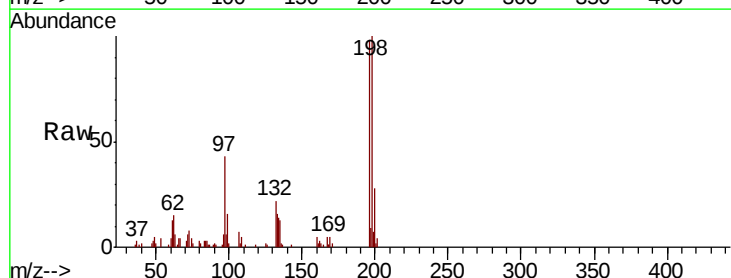
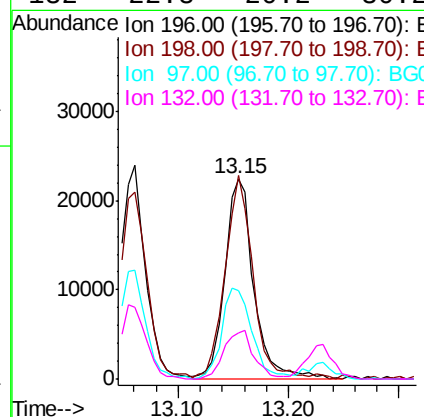
Manual Integrations
 APPROVED

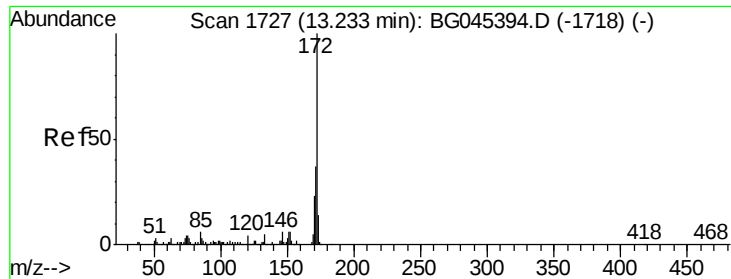
mohammad
 5/20/2020 1:20:01 PM



#44
 2,4,5-Trichlorophenol
 Concen: 6.953 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.2	76.1	114.1
97	44.3	40.0	60.0
132	22.8	20.2	30.2





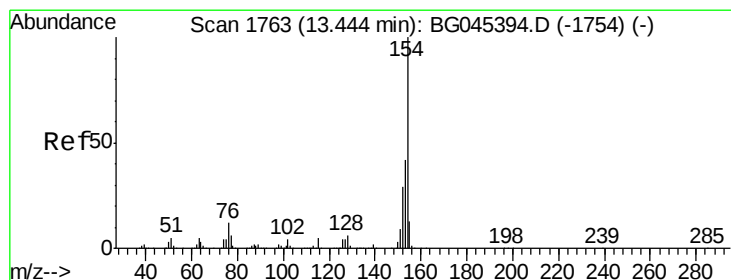
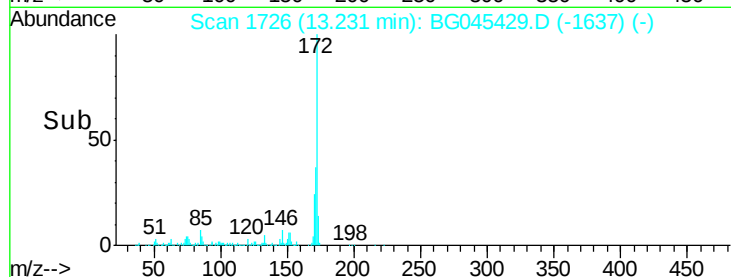
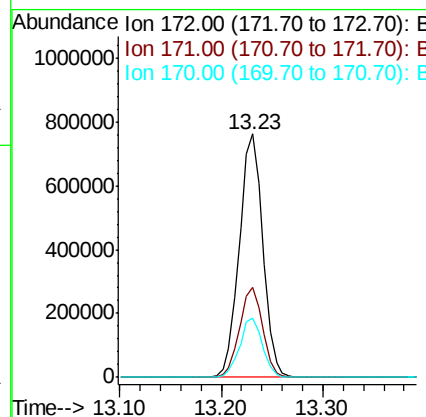
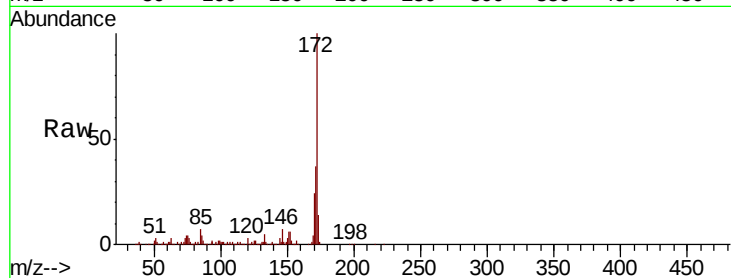
#45
2-Fluorobiphenyl
Concen: 78.116 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	24.2	18.5	27.7

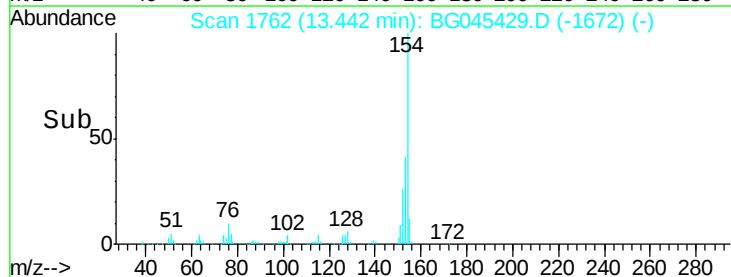
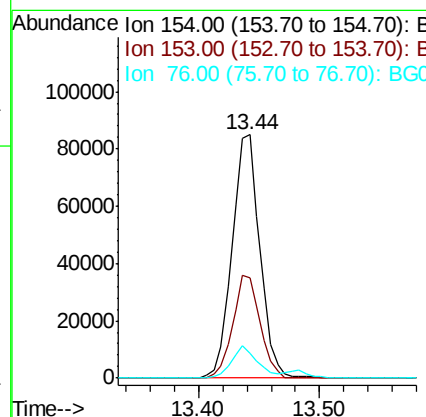
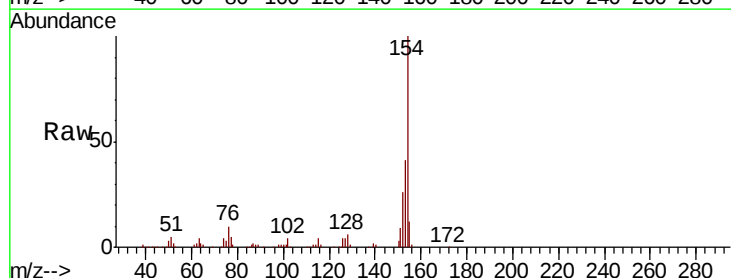
Manual Integrations
APPROVED

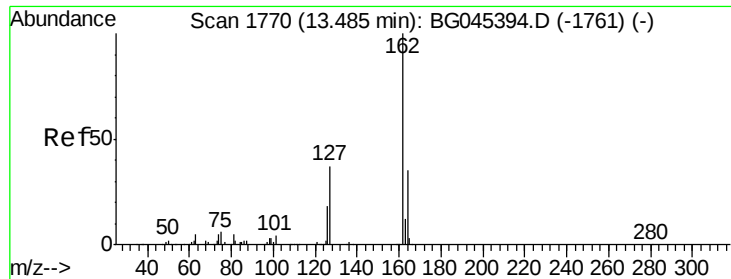
mohammad
5/20/2020 1:20:01 PM



#46
1,1'-Biphenyl
Concen: 8.285 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.2	62.2
76	10.0	0.0	32.4





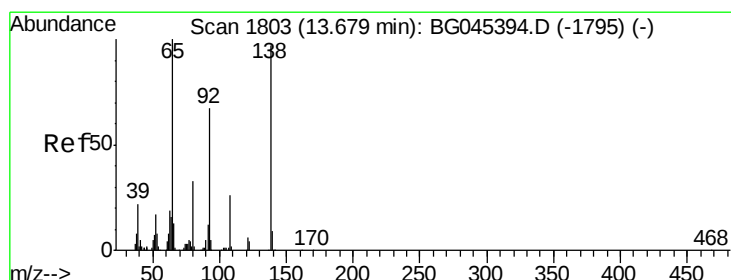
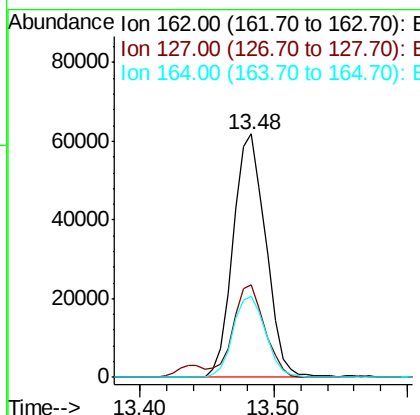
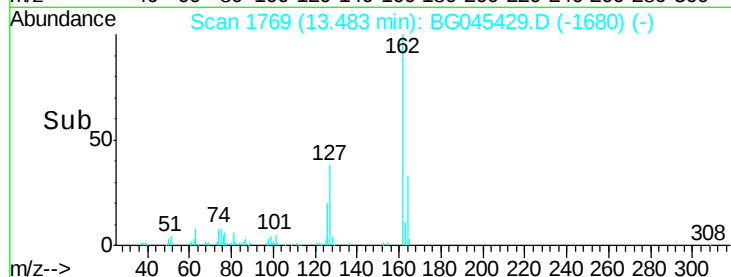
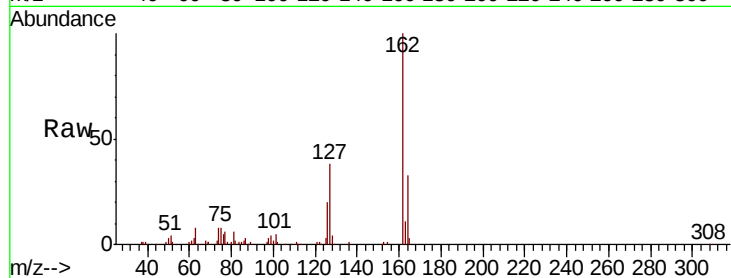
#47
2-Chloronaphthalene
Concen: 7.908 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	162	Resp	105126
Ion Ratio	Lower	Upper	
162	100		
127	38.2	31.6	47.4
164	33.2	28.1	42.1

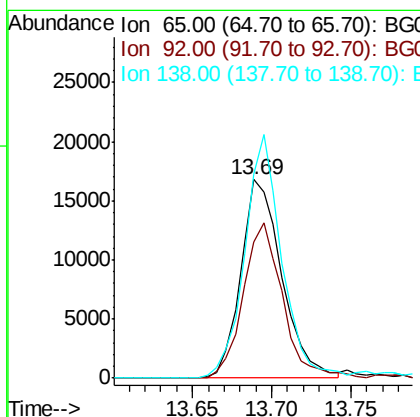
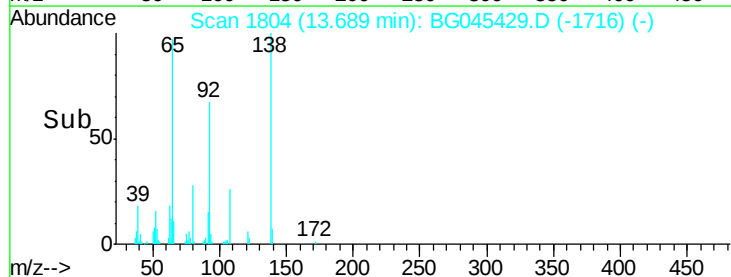
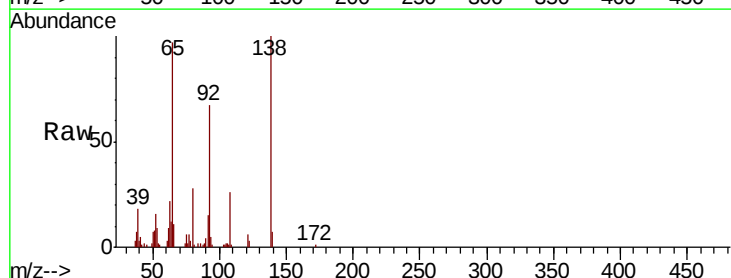
Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#48
2-Nitroaniline
Concen: 6.912 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	65	Resp	30224
Ion Ratio	Lower	Upper	
65	100		
92	68.6	53.8	80.8
138	103.1	77.9	116.9





#49

Acenaphthylene

Concen: 8.475 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

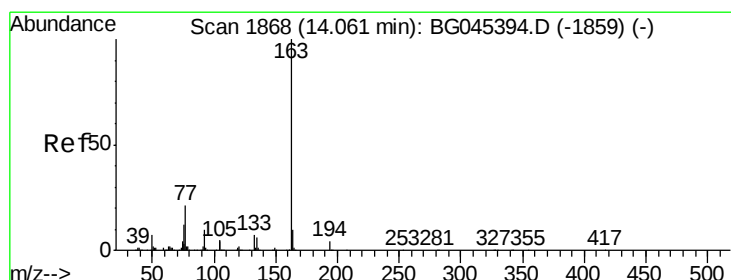
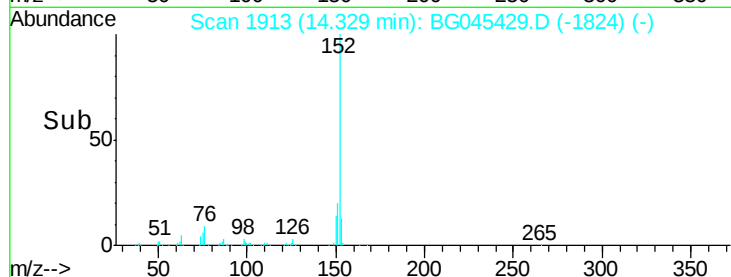
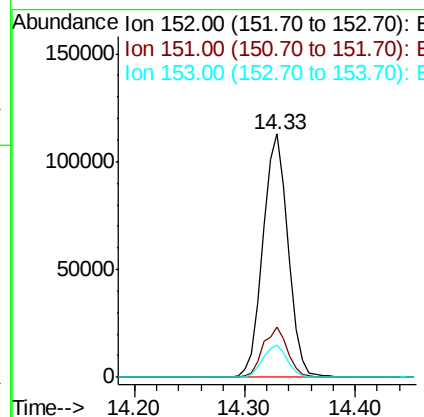
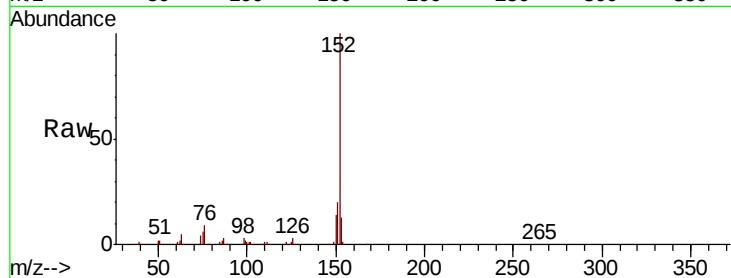
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
152	100	180957		
151	20.4		17.4	26.2
153	13.3		10.7	16.1

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#50

Dimethylphthalate

Concen: 8.242 ng

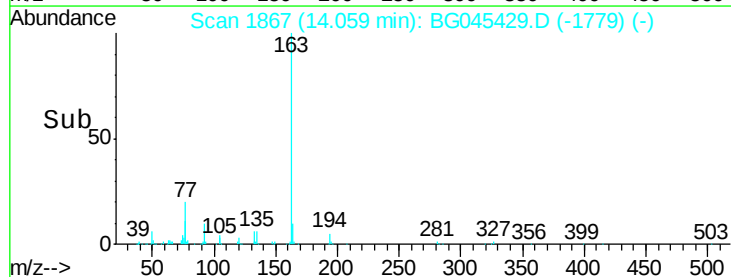
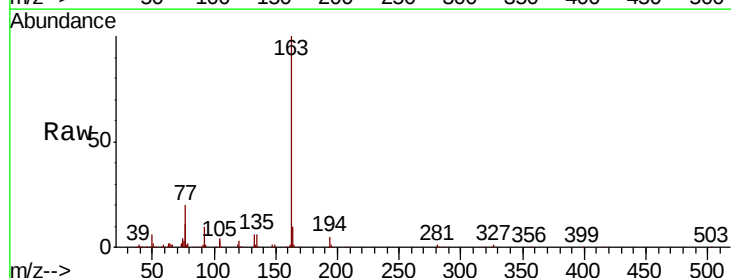
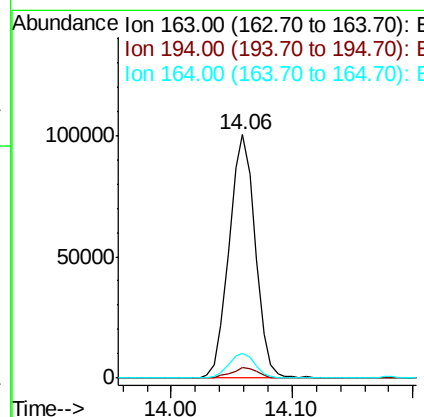
RT: 14.06 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	150636		
194	4.6		3.2	4.8
164	9.9		8.3	12.5





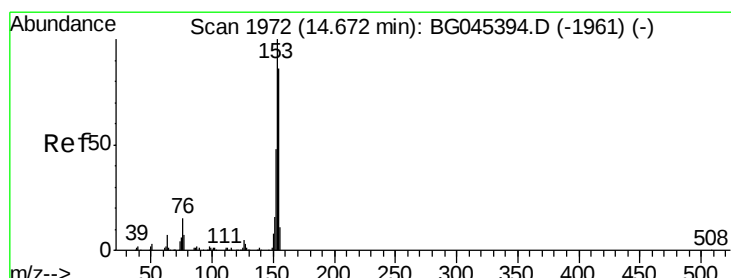
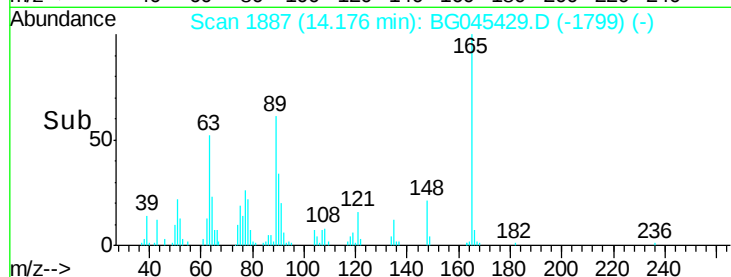
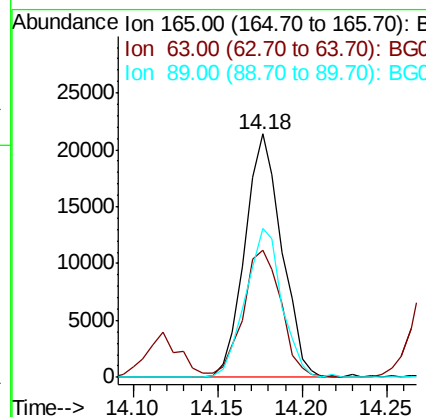
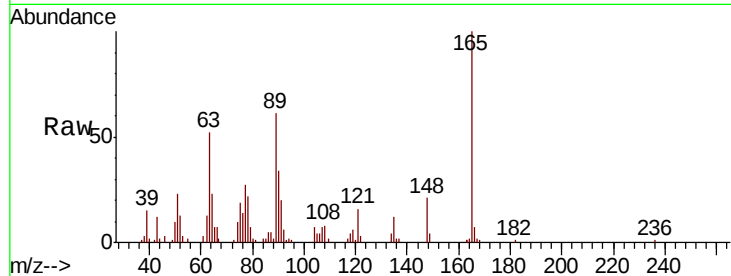
#51
 2,6-Dinitrotoluene
 Concen: 7.872 ng
 RT: 14.18 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	32465		
63	52.2		45.0	67.4
89	61.3		50.2	75.4

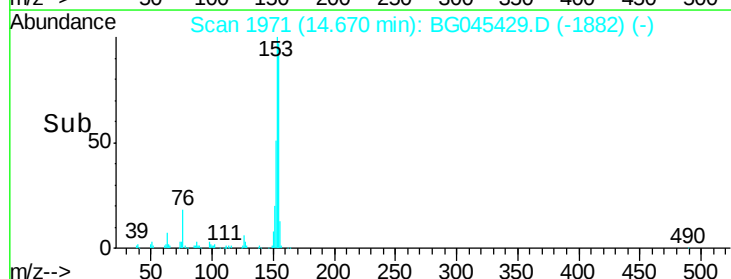
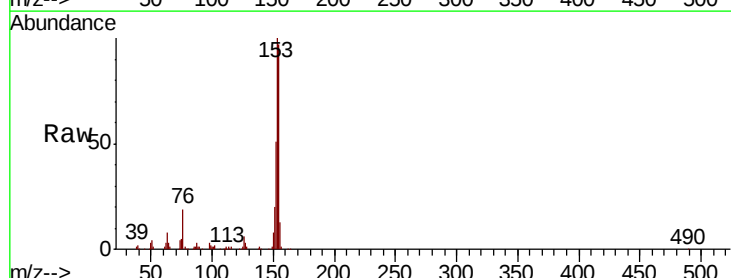
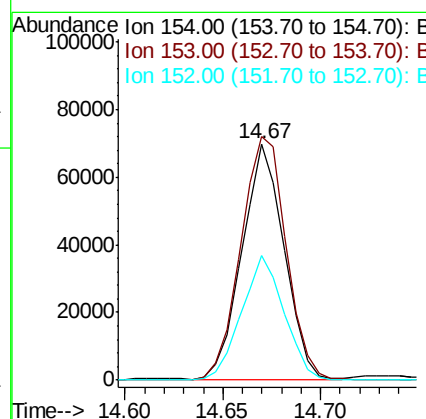
Manual Integrations
 APPROVED

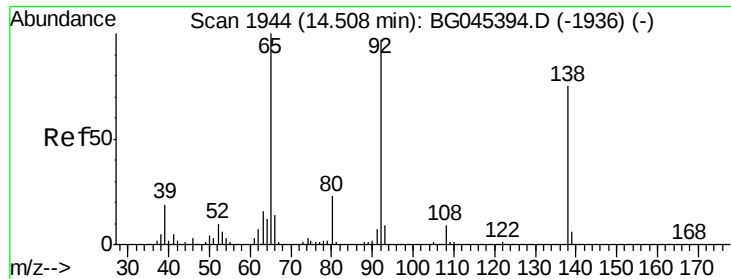
mohammad
 5/20/2020 1:20:01 PM



#52
 Acenaphthene
 Concen: 7.348 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	105023		
153	103.2		92.8	139.2
152	52.7		44.6	66.8





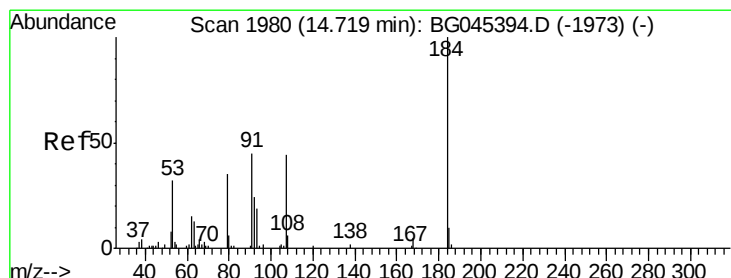
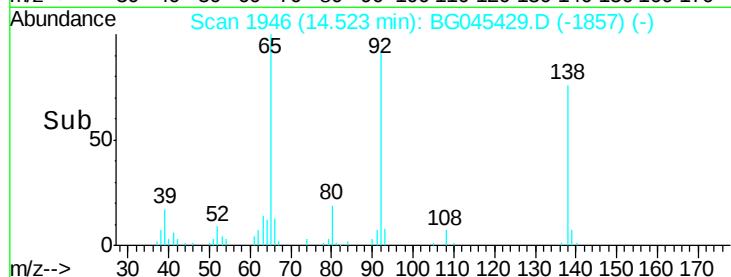
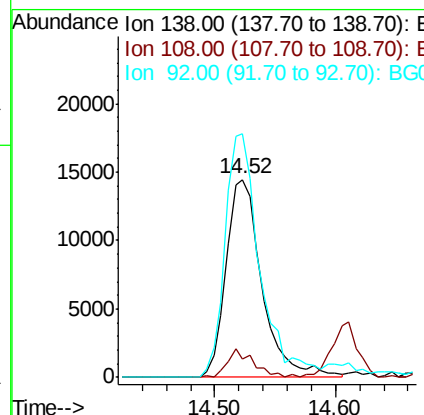
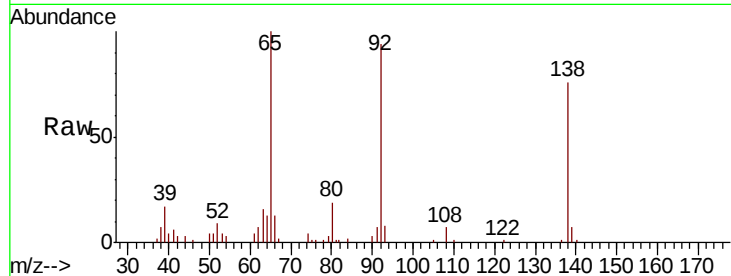
#53
3-Nitroaniline
Concen: 7.109 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	9.8	14.6#
92	123.3	103.0	154.4

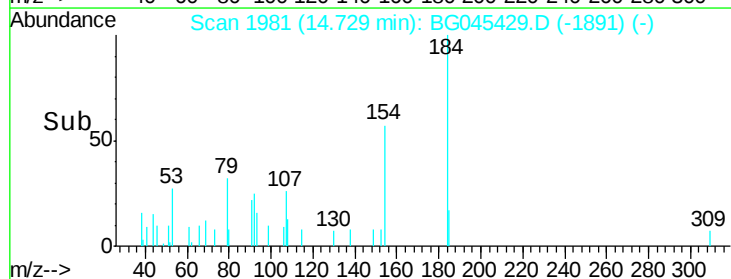
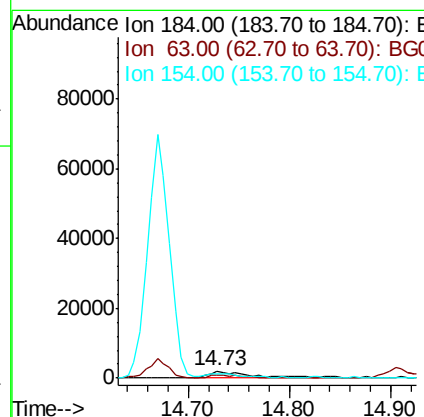
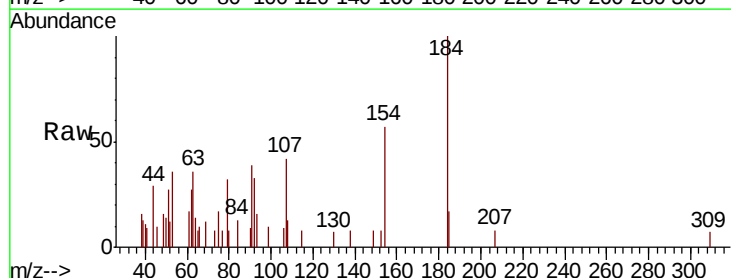
Manual Integrations
APPROVED

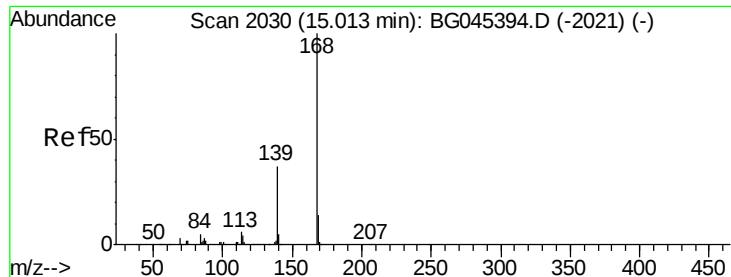
mohammad
5/20/2020 1:20:01 PM



#54
2,4-Dinitrophenol
Concen: 2.533 ng m
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	36.3	47.8	71.6#
154	56.6	58.3	87.5#





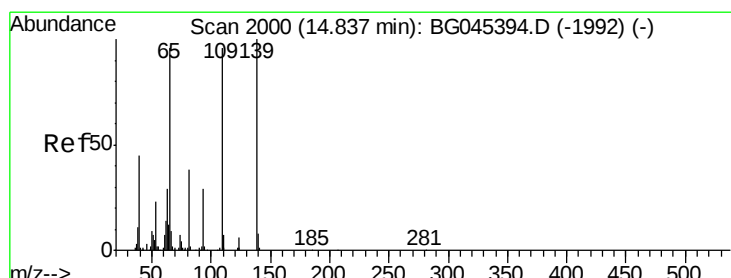
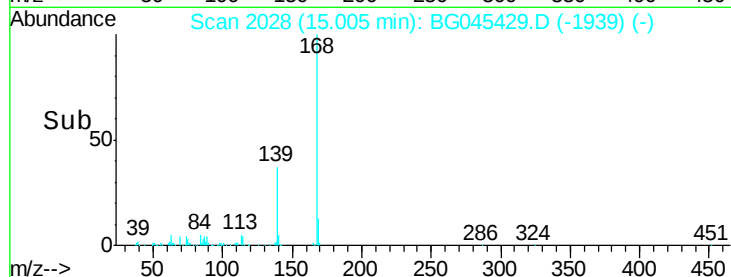
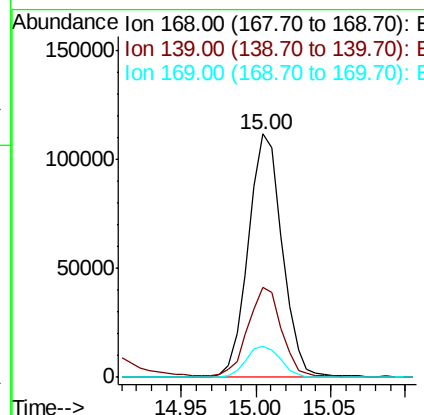
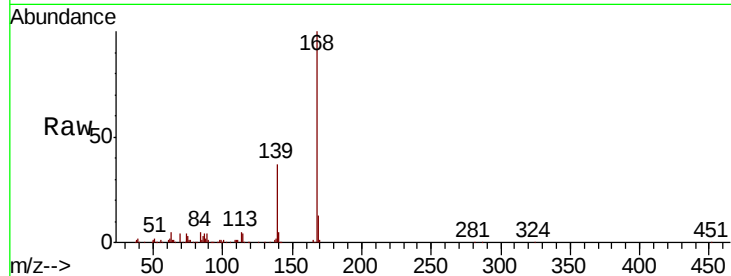
#55
Dibenzenofuran
Concen: 8.243 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.9	44.9
169	12.7	10.9	16.3

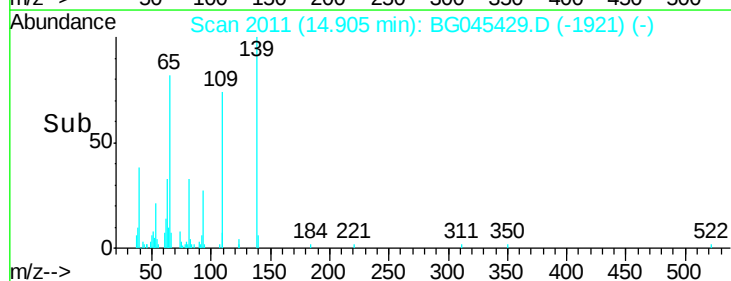
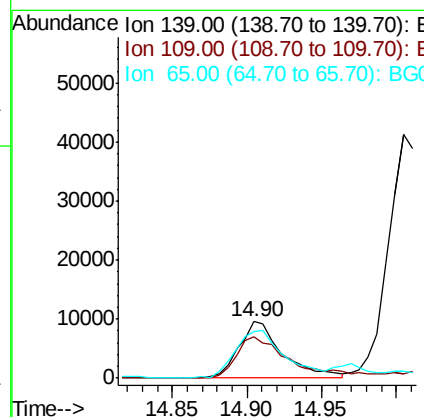
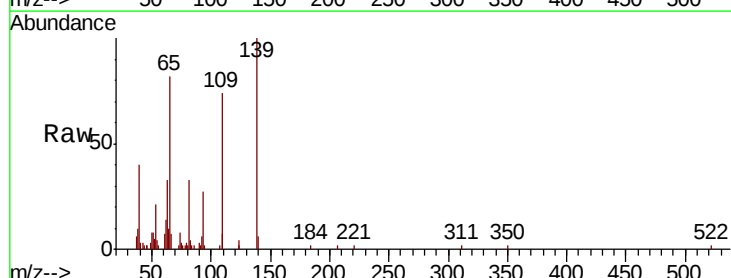
Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#56
4-Nitrophenol
Concen: 6.188 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.7	75.6	115.6#
65	82.3	76.8	116.8





#57

2,4-Dinitrotoluene

Concen: 7.689 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

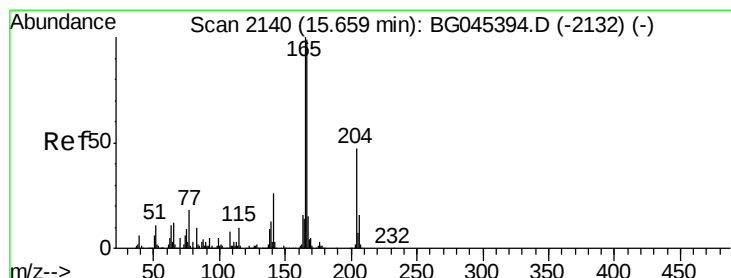
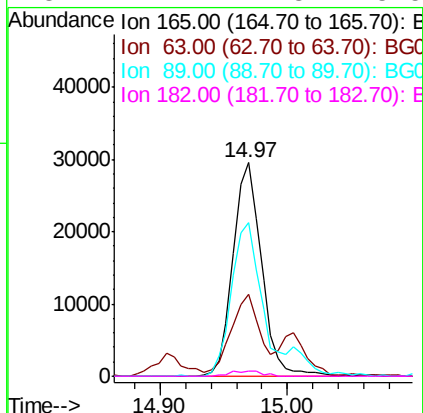
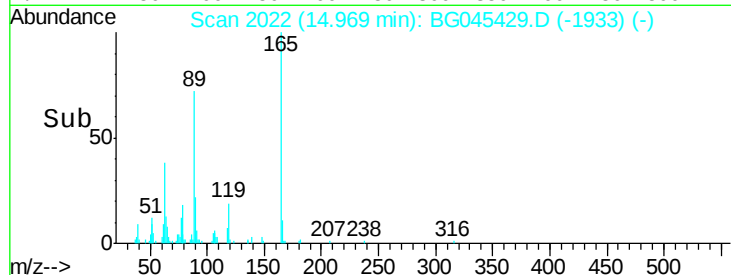
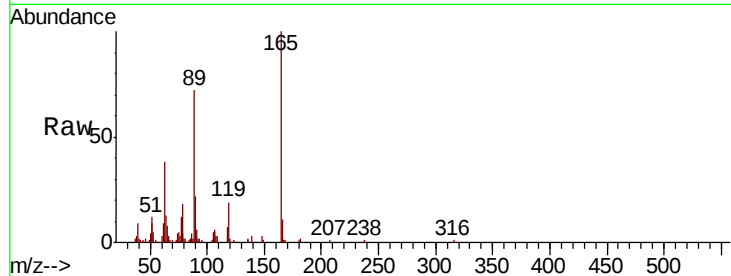
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	165	Resp:	45925
Ion Ratio	Lower	Upper	
165	100		
63	38.2	32.5	48.7
89	72.2	61.8	92.6
182	2.1	2.3	3.5#

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#58

Fluorene

Concen: 8.305 ng

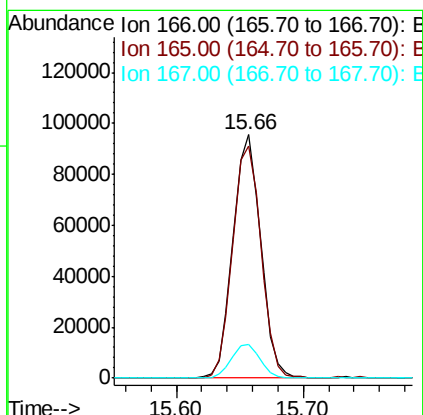
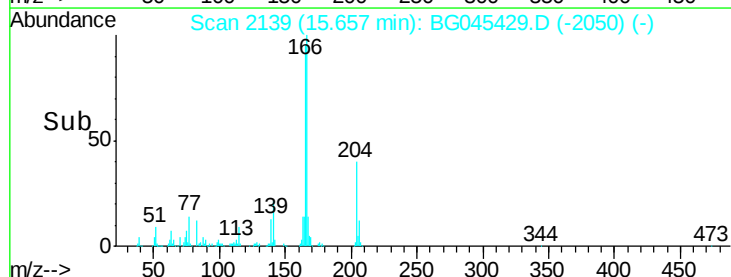
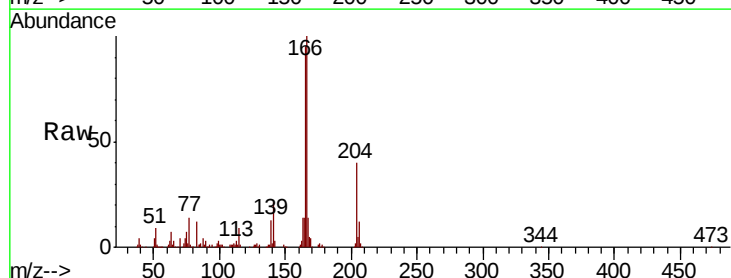
RT: 15.66 min Scan# 2139

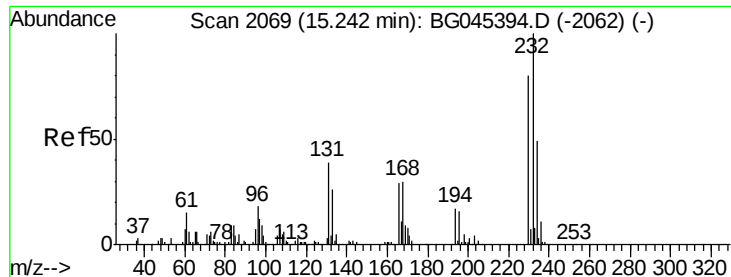
Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	166	Resp:	144820
Ion Ratio	Lower	Upper	
166	100		
165	95.1	80.8	121.2
167	13.9	12.0	18.0





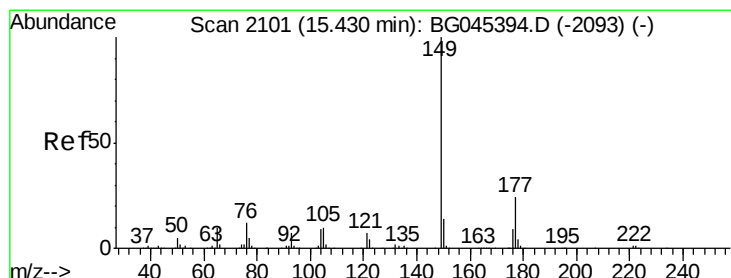
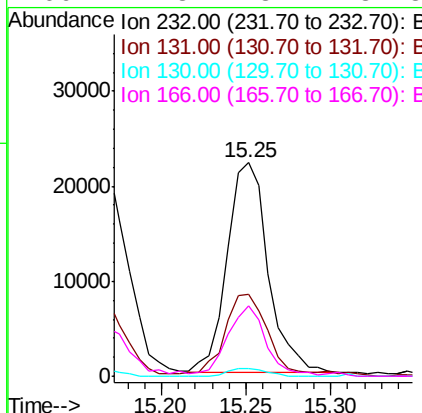
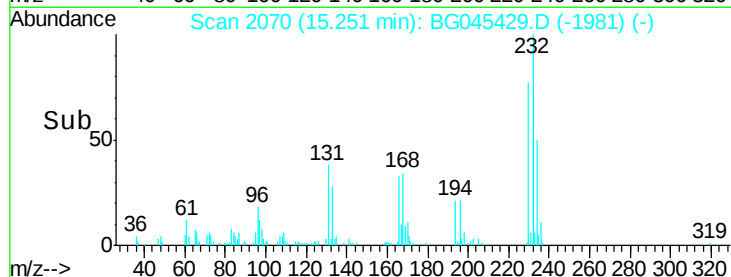
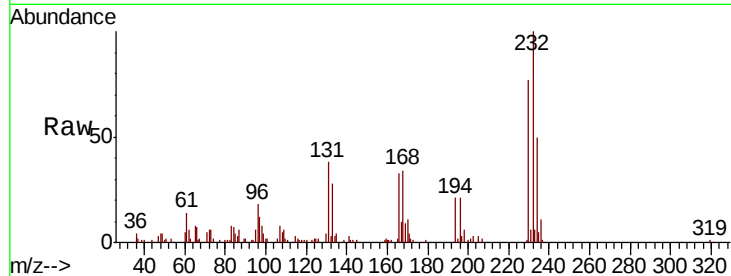
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.199 ng m
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion:	232	Resp:	37412
Ion Ratio	Lower	Upper	
232	100		
131	32.7	33.7	50.5#
130	2.4	2.1	3.1
166	24.3	23.2	34.8

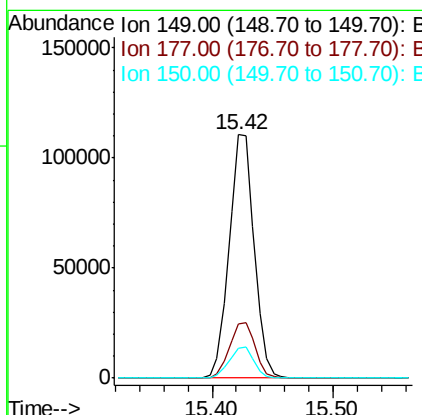
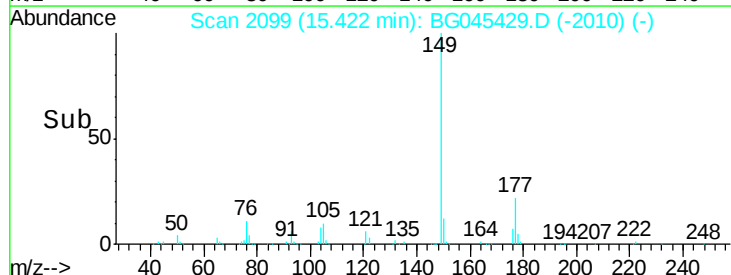
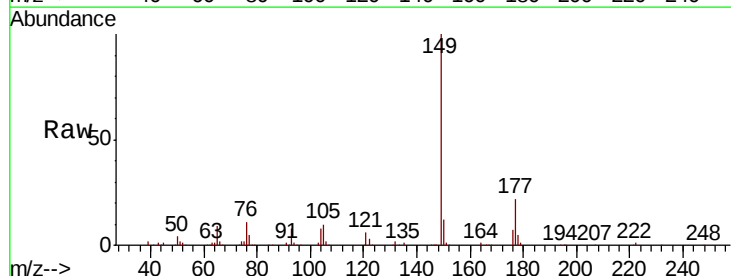
Manual Integrations
 APPROVED

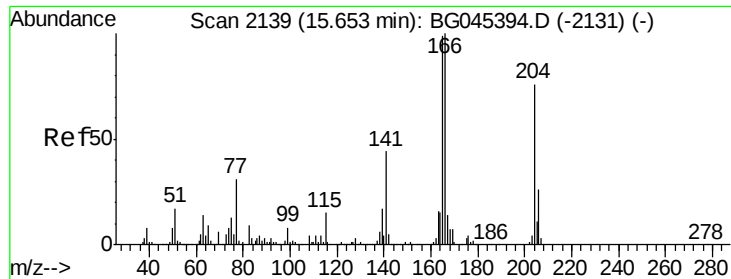
mohammad
 5/20/2020 1:20:01 PM



#60
 Diethylphthalate
 Concen: 8.370 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion:	149	Resp:	159230
Ion Ratio	Lower	Upper	
149	100		
177	22.2	19.0	28.4
150	12.3	11.4	17.0





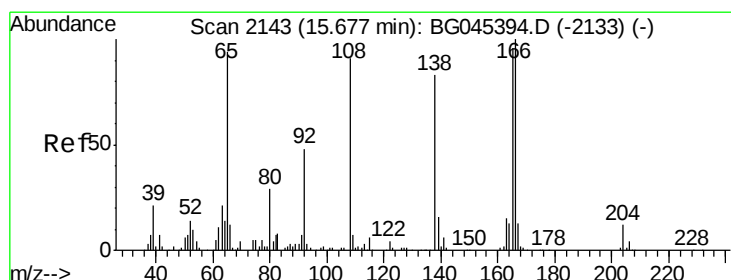
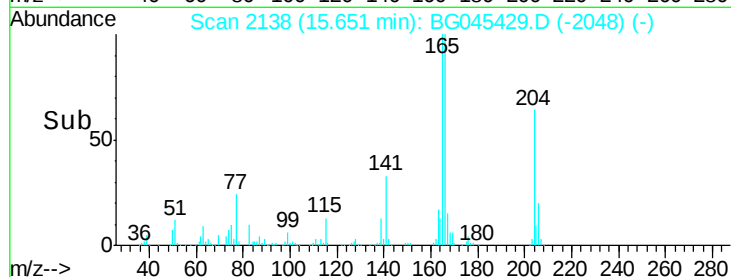
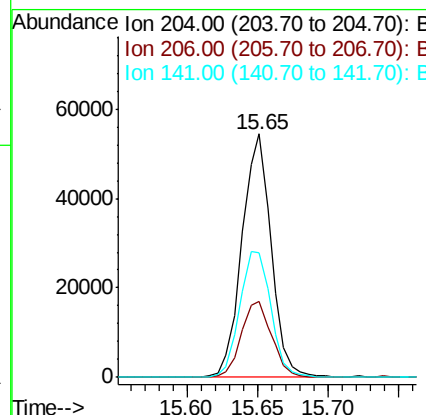
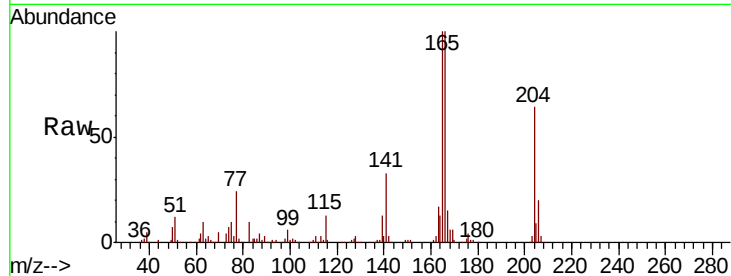
#61
4-Chlorophenyl-phenylether
Concen: 7.897 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.3	27.3	40.9
141	51.4	45.9	68.9

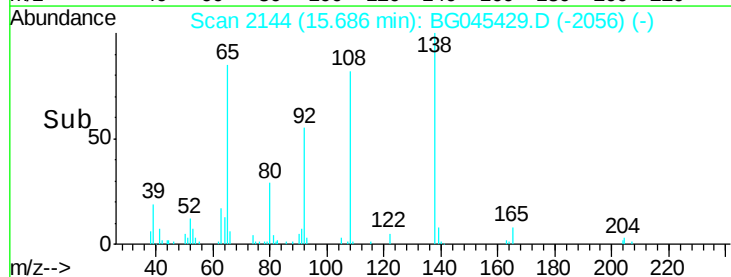
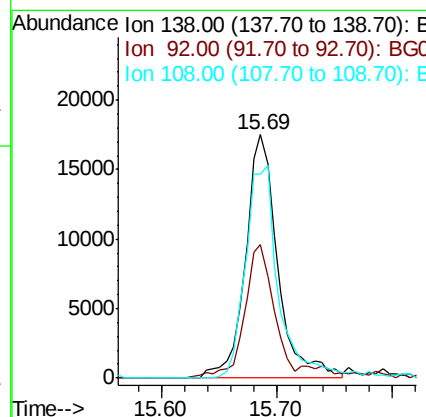
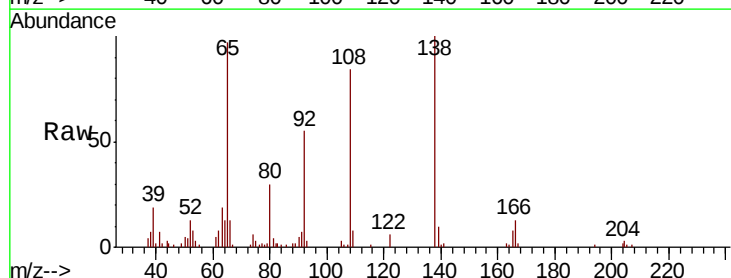
Manual Integrations
APPROVED

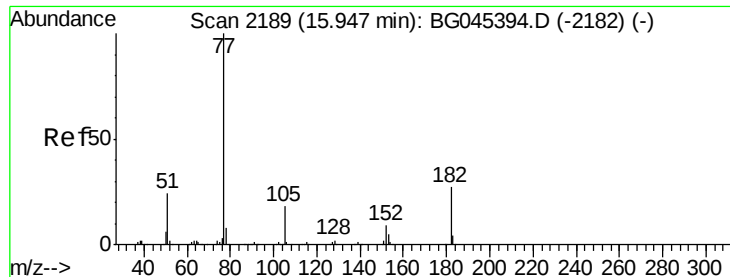
mohammad
5/20/2020 1:20:01 PM



#62
4-Nitroaniline
Concen: 7.781 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	38.0	78.0
108	83.9	89.3	129.3





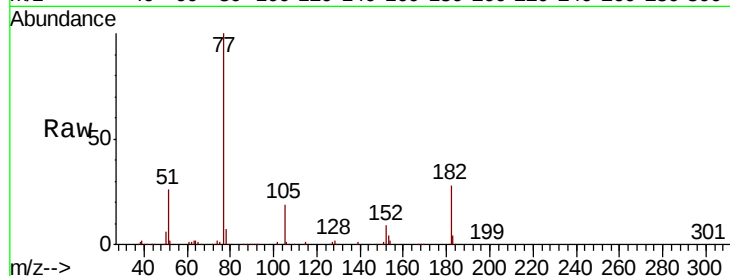
#63
Azobenzene
Concen: 8.206 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

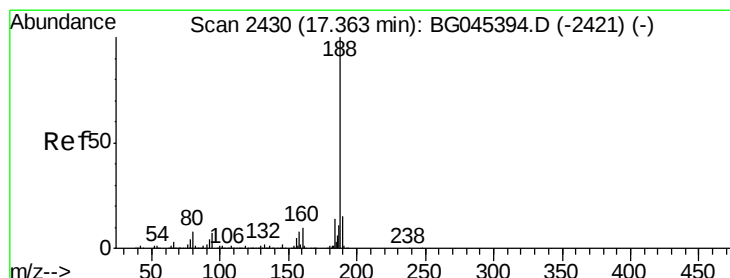
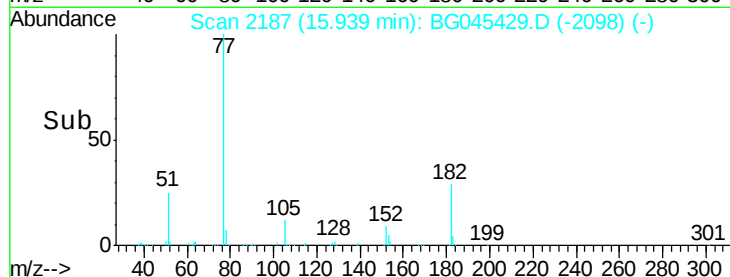
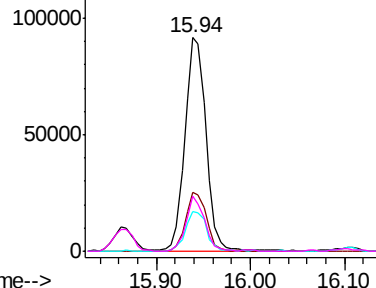
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.8	6.5	46.5		
105	18.7	0.0	37.9		
51	25.9	4.1	44.1		

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM

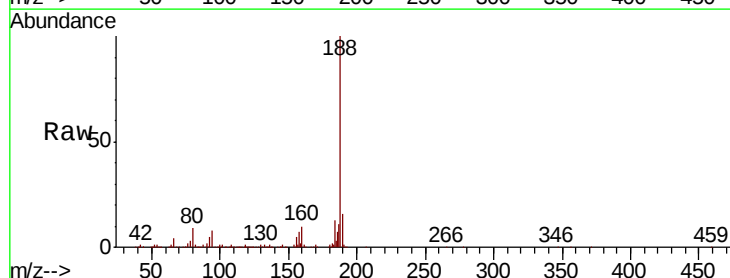


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

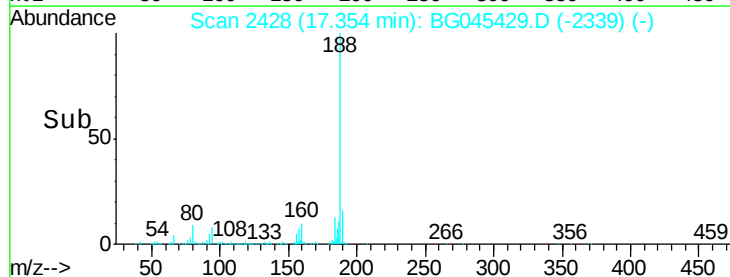
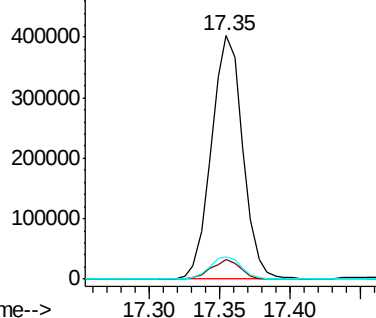


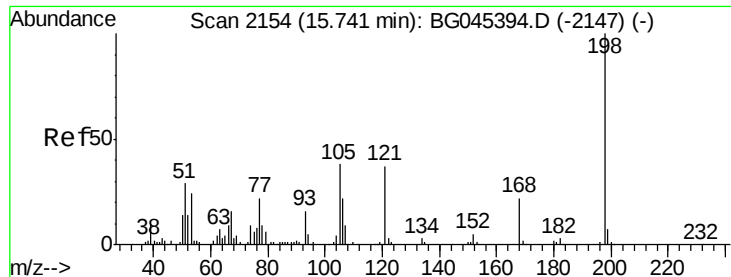
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.1	5.5	8.3		
80	9.0	6.6	10.0		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 5.904 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

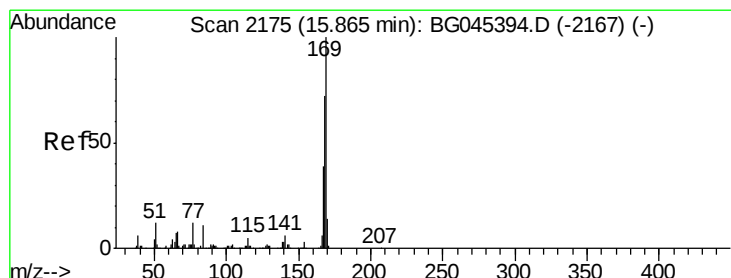
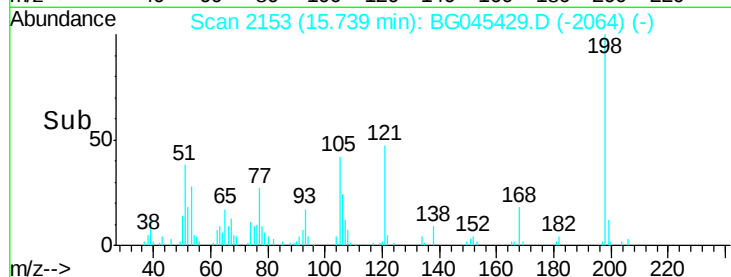
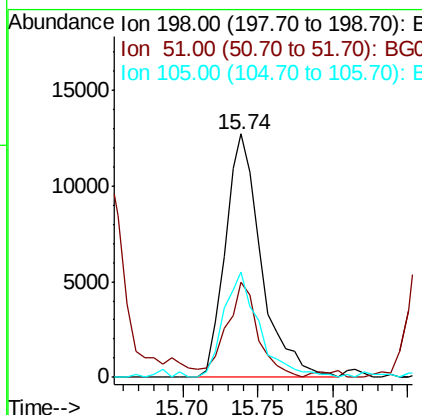
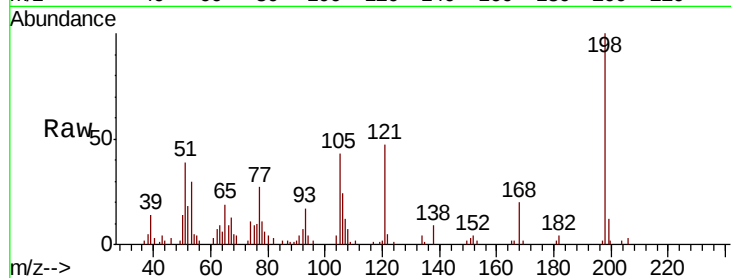
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	198	Resp:	21482
Ion Ratio	Lower	Upper	
198	100		
51	39.3	10.0	50.0
105	43.3	18.9	58.9

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#66

n-Nitrosodiphenylamine

Concen: 8.639 ng

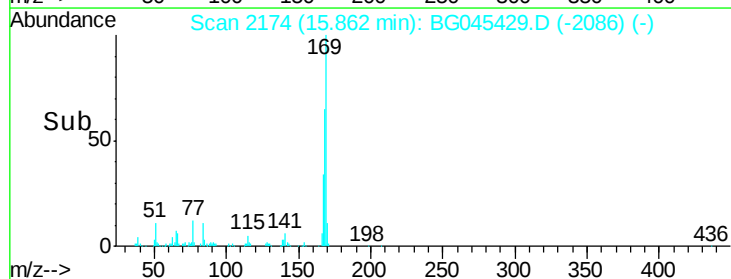
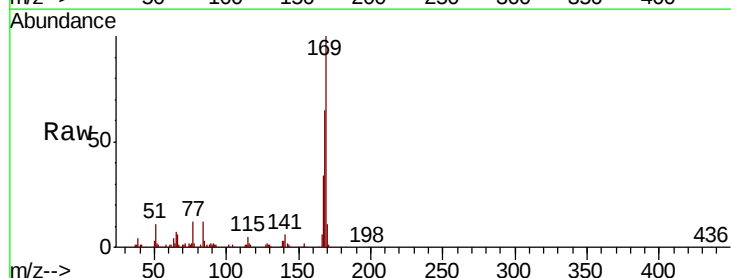
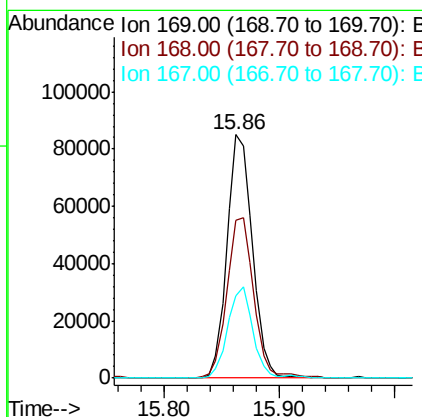
RT: 15.86 min Scan# 2174

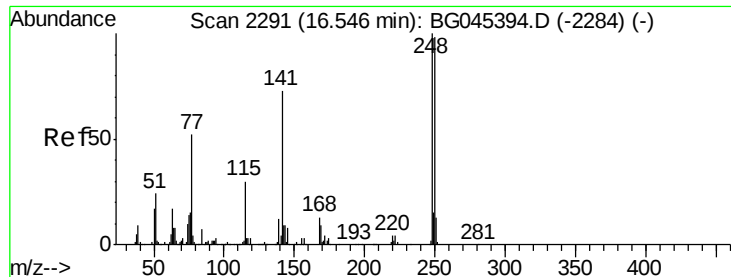
Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	169	Resp:	129580
Ion Ratio	Lower	Upper	
169	100		
168	65.0	57.8	86.6
167	33.6	31.5	47.3





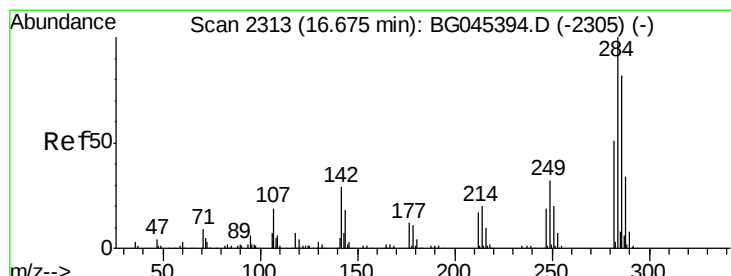
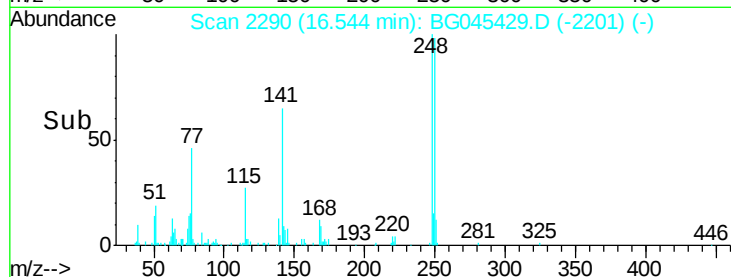
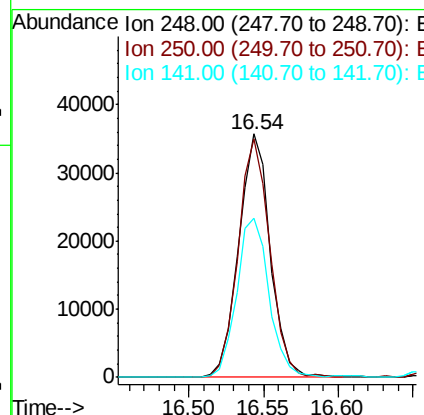
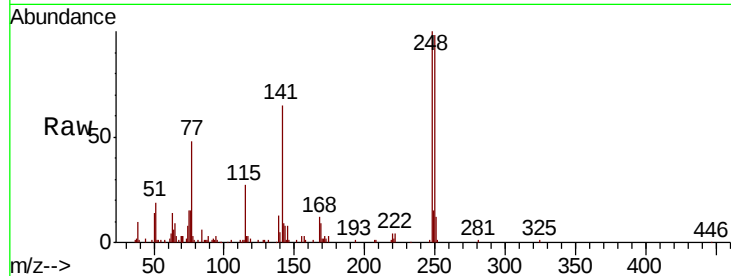
#67
4-Bromophenyl-phenylether
Concen: 7.718 ng
RT: 16.54 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	117.8
141	65.4	58.2	87.2

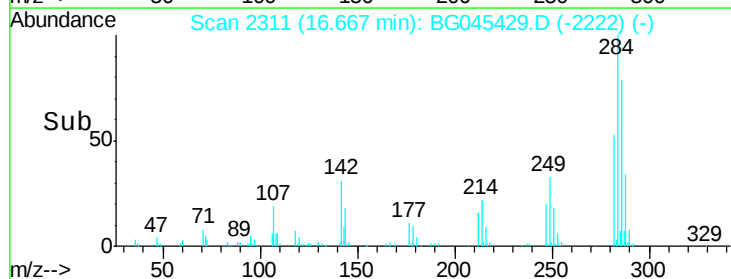
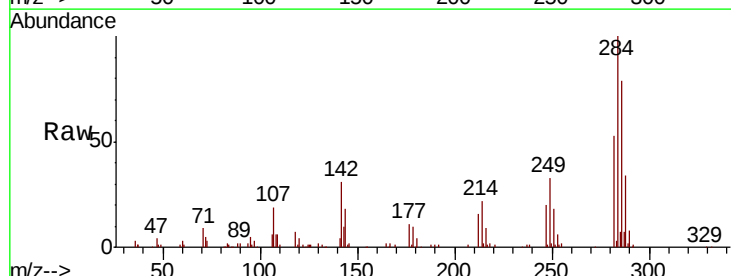
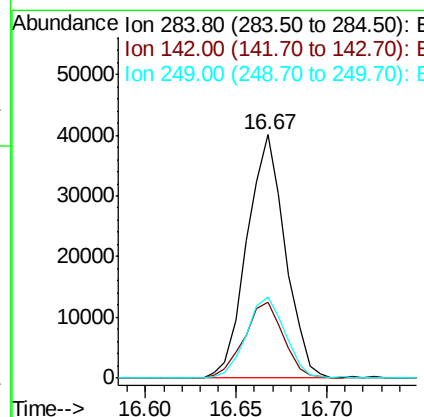
Manual Integrations
APPROVED

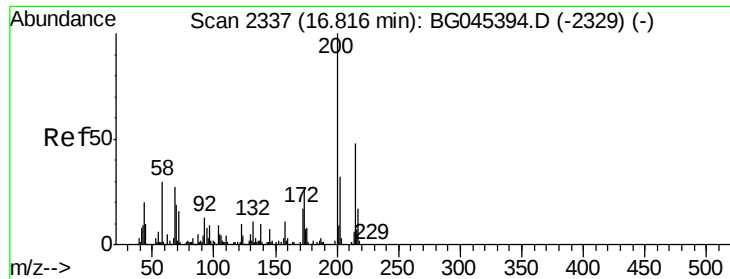
mohammad
5/20/2020 1:20:01 PM



#68
Hexachlorobenzene
Concen: 8.295 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	23.0	34.6
249	33.2	25.8	38.6





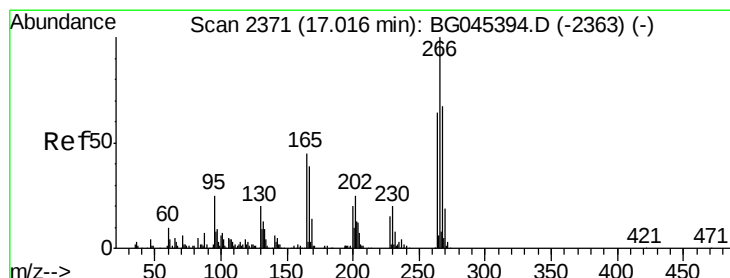
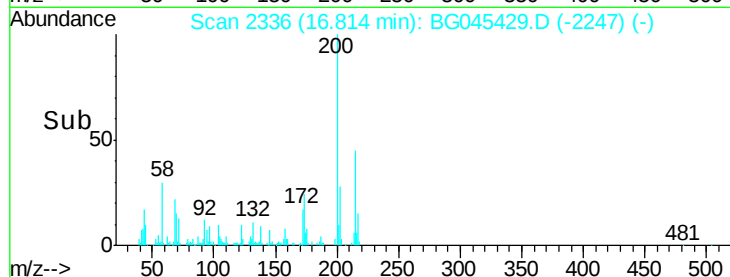
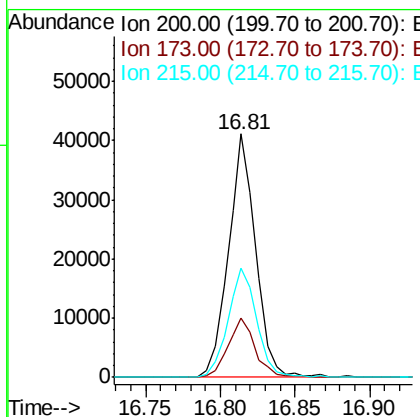
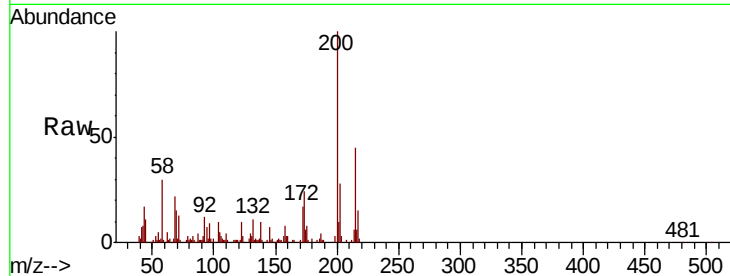
#69
Atrazine
Concen: 8.468 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	5.5	45.5
215	45.1	28.2	68.2

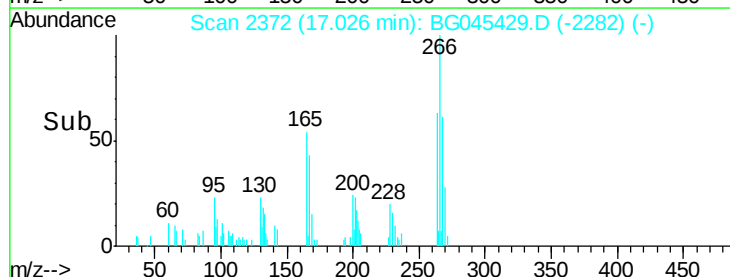
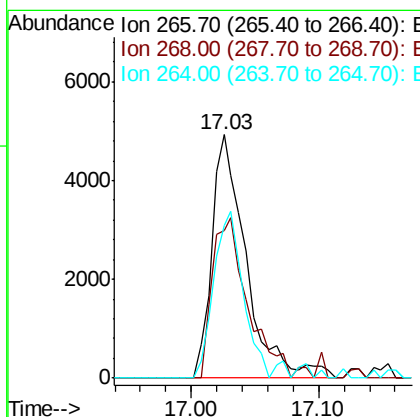
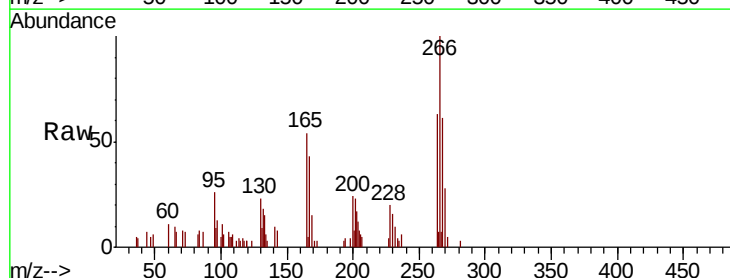
Manual Integrations
APPROVED

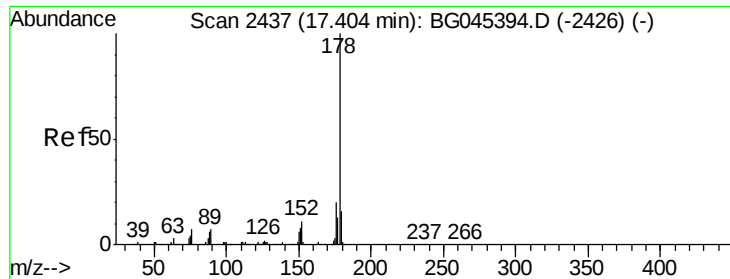
mohammad
5/20/2020 1:20:01 PM



#70
Pentachlorophenol
Concen: 2.528 ng m
RT: 17.03 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.7	53.2	79.8
264	62.6	51.0	76.4





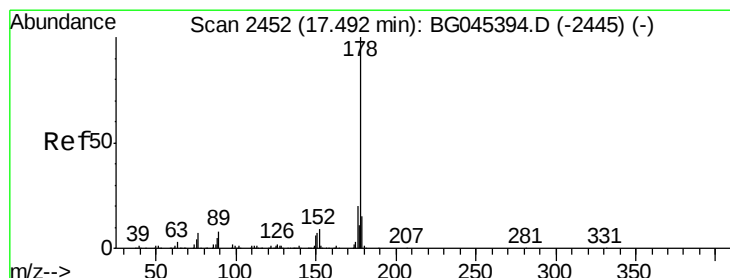
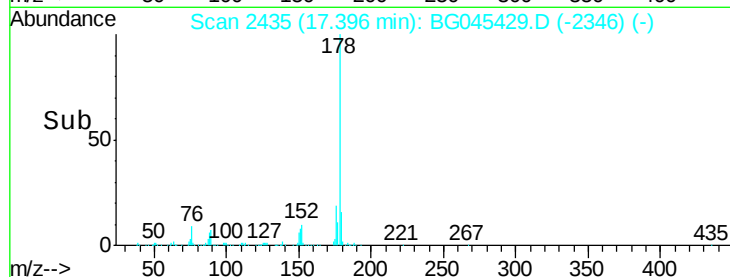
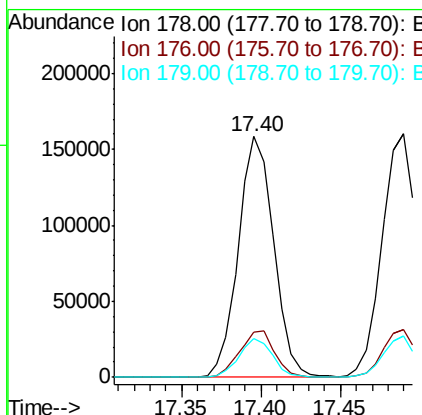
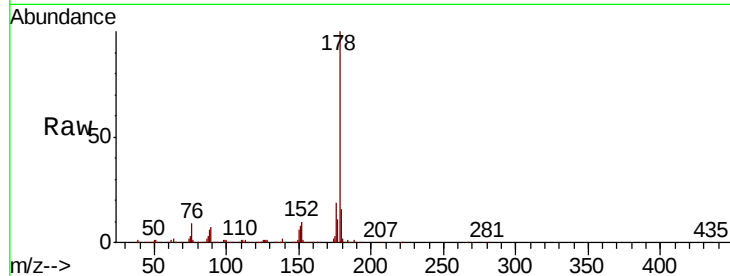
#71
Phenanthrene
Concen: 9.026 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	16.1	13.1	19.7

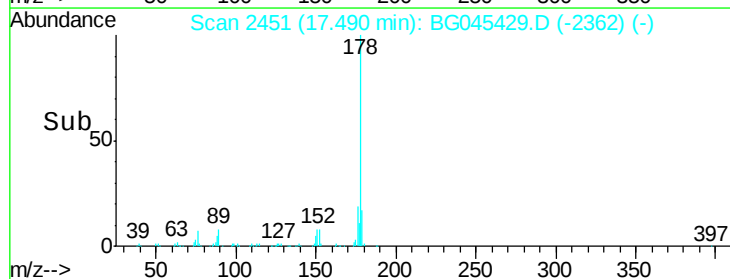
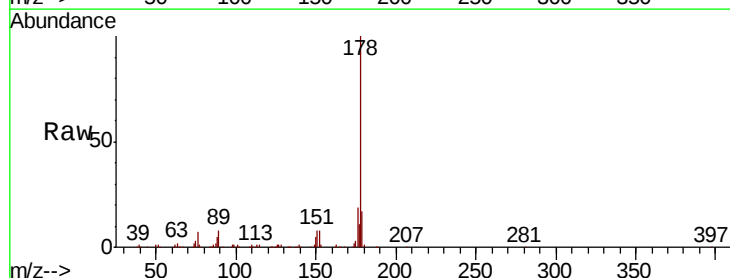
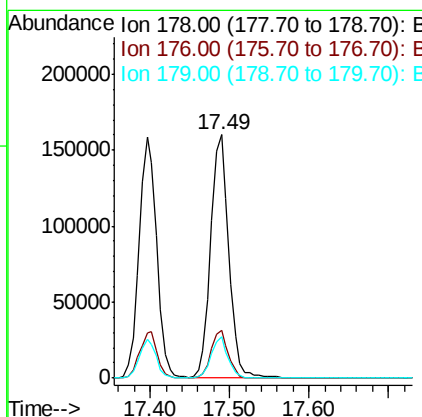
Manual Integrations
APPROVED

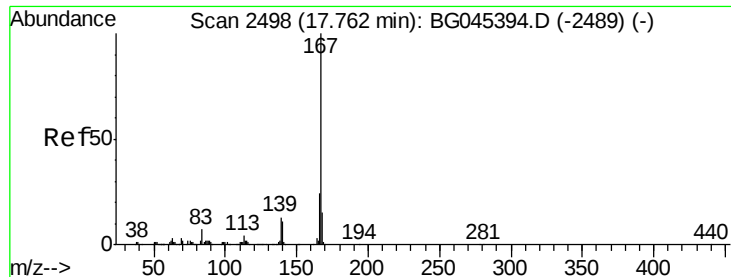
mohammad
5/20/2020 1:20:01 PM



#72
Anthracene
Concen: 9.280 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	16.7	12.2	18.4





#73

Carbazole

Concen: 8.657 ng

RT: 17.77 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

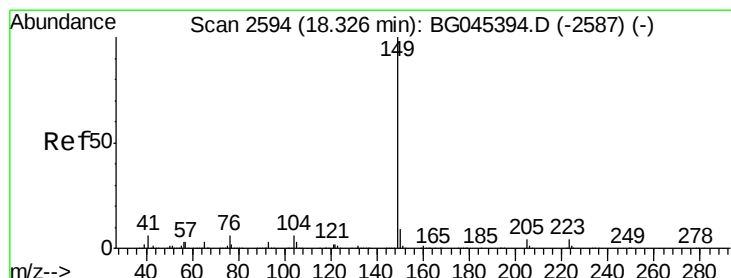
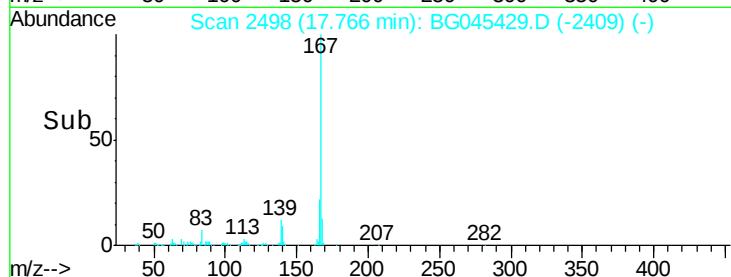
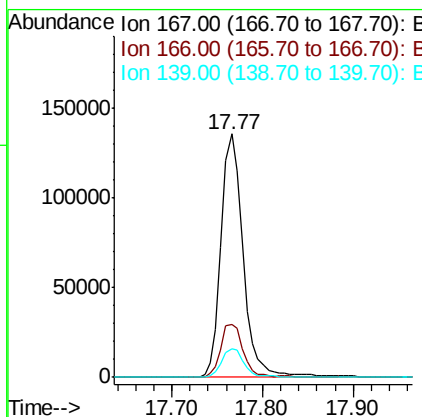
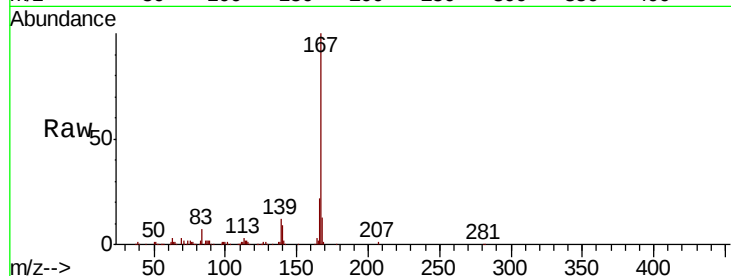
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	167	Resp:	231123
Ion Ratio	Lower	Upper	
167	100		
166	22.0	19.2	28.8
139	11.8	10.6	16.0

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#74

Di-n-butylphthalate

Concen: 8.460 ng

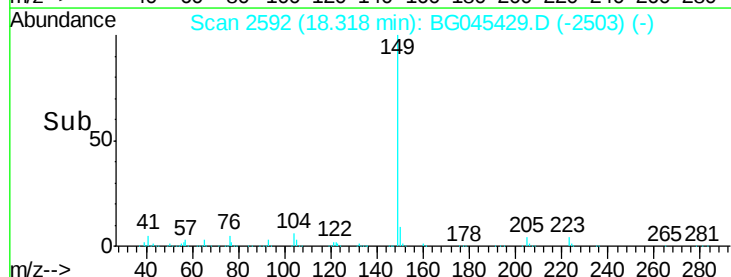
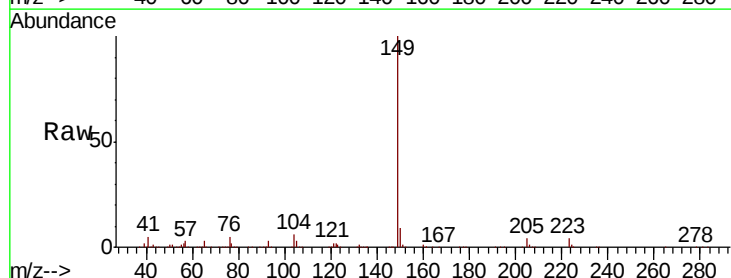
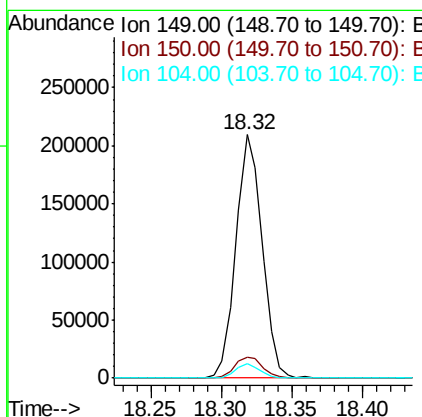
RT: 18.32 min Scan# 2592

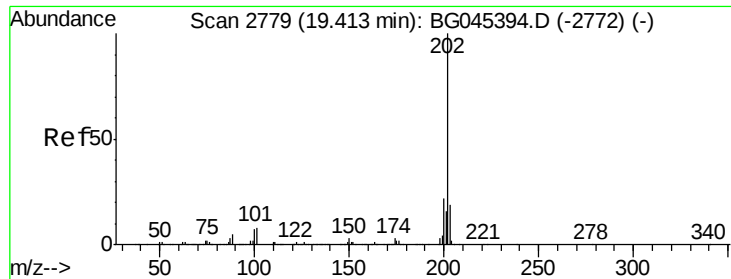
Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	149	Resp:	271089
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.6	11.4
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 9.050 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

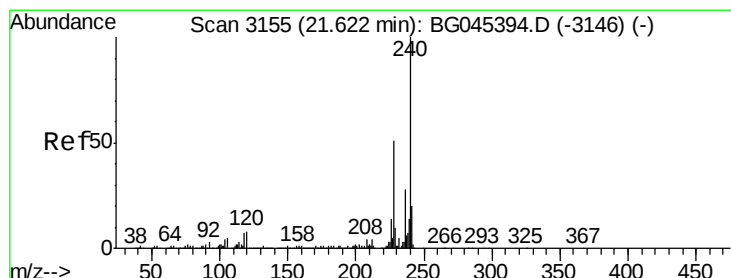
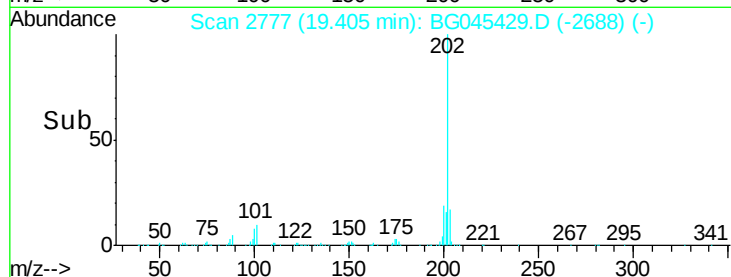
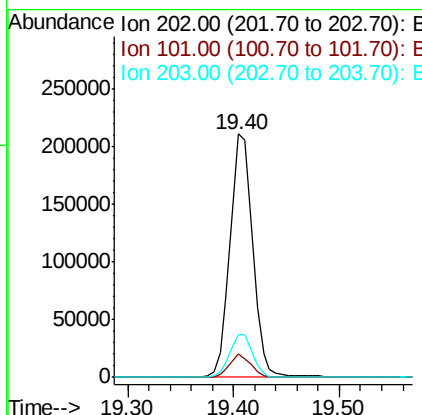
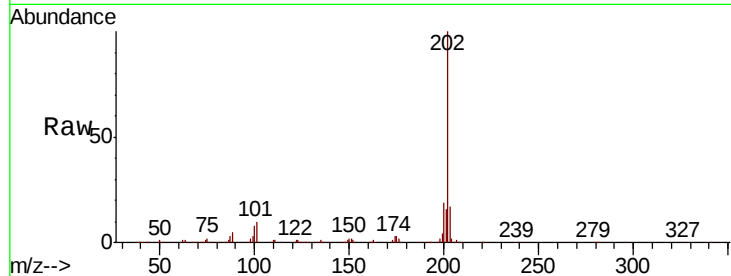
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
202	100	313947		
101	9.6	0.0	28.3	
203	17.5	0.0	39.0	

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#76

Chrysene-d12

Concen: 20.000 ng

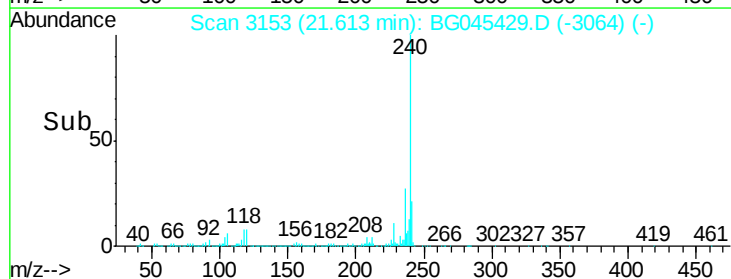
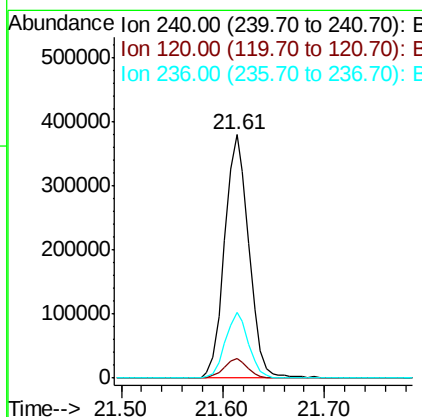
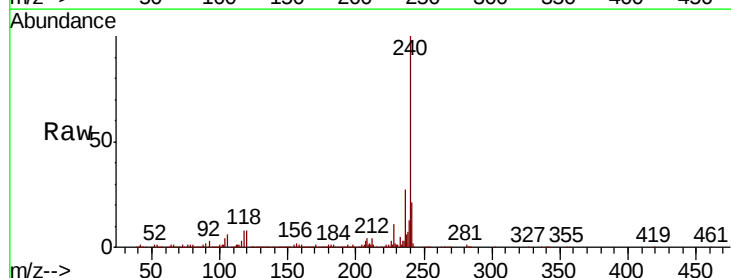
RT: 21.61 min Scan# 3153

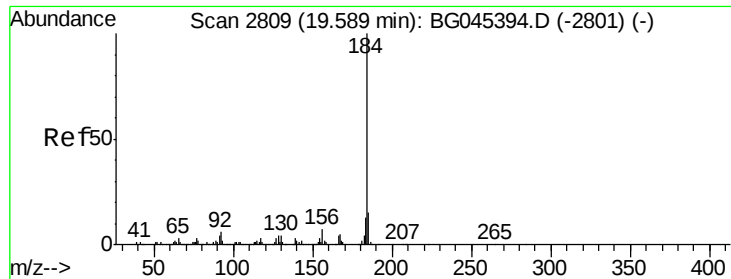
Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	628697		
120	8.2	6.1	9.1	
236	27.1	22.3	33.5	





#77

Benzidine

Concen: 8.295 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

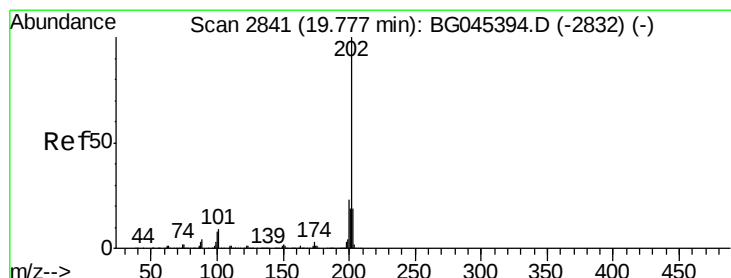
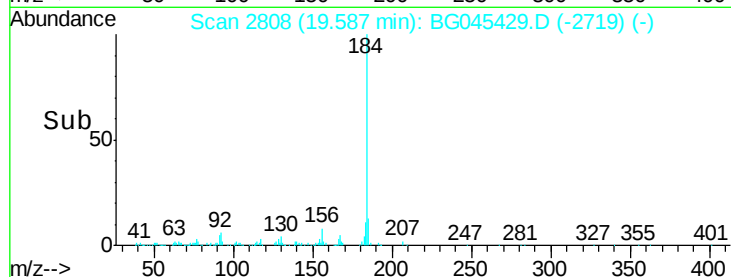
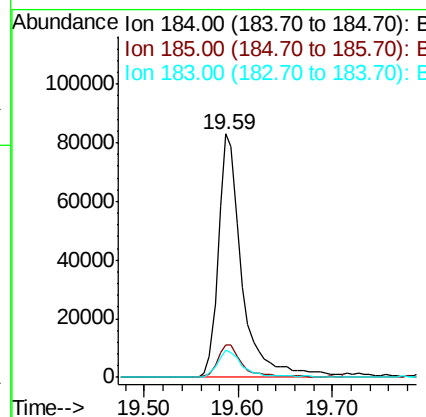
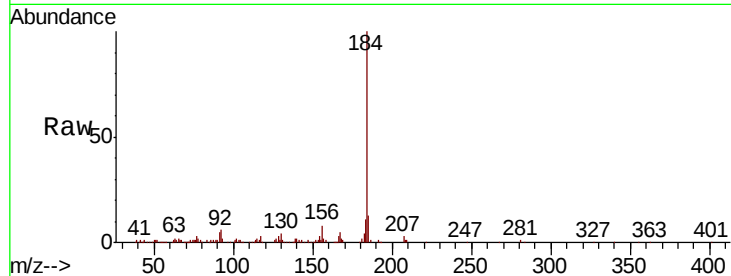
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.1	11.7	17.5
183	11.3	10.2	15.4

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#78

Pyrene

Concen: 8.920 ng

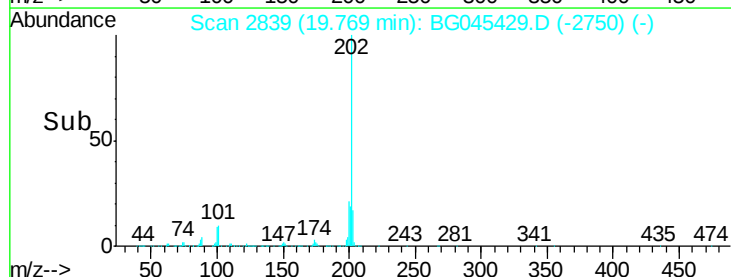
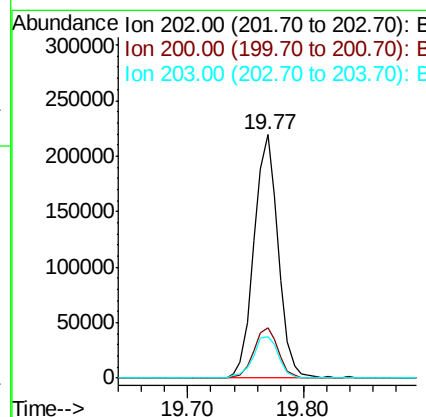
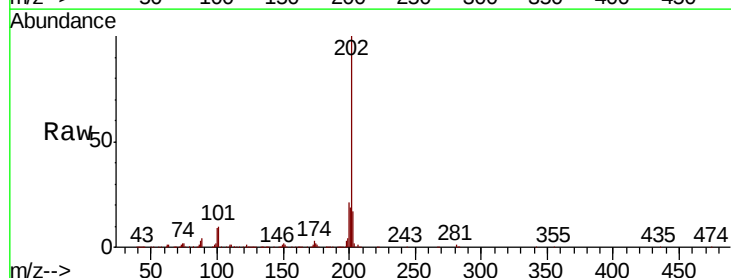
RT: 19.77 min Scan# 2839

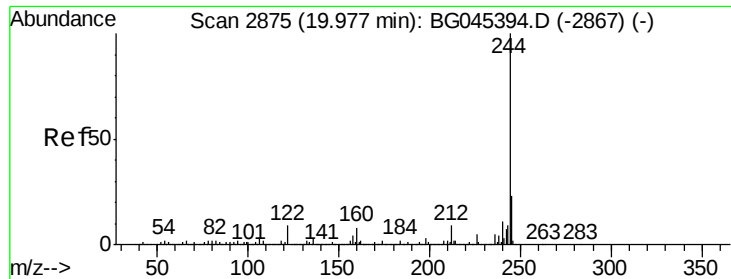
Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	18.2	27.2
203	17.0	15.1	22.7





#79

Terphenyl-d14

Concen: 80.576 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:244 Resp: 2172017

Ion Ratio Lower Upper

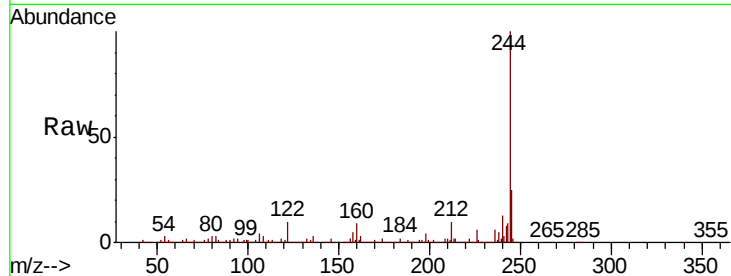
244 100

212 9.9 7.4 11.0

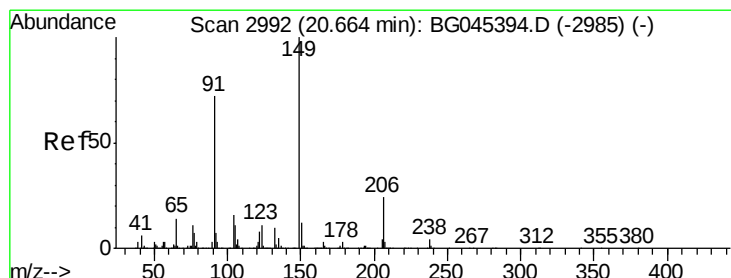
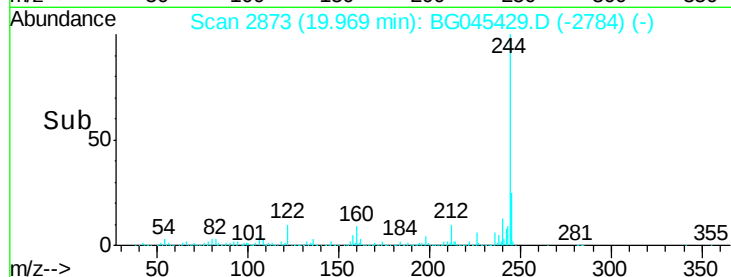
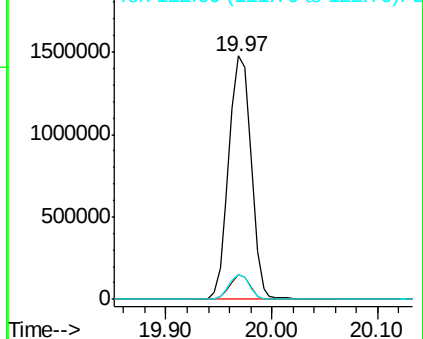
122 10.3 6.8 10.2#

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 8.219 ng

RT: 20.66 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

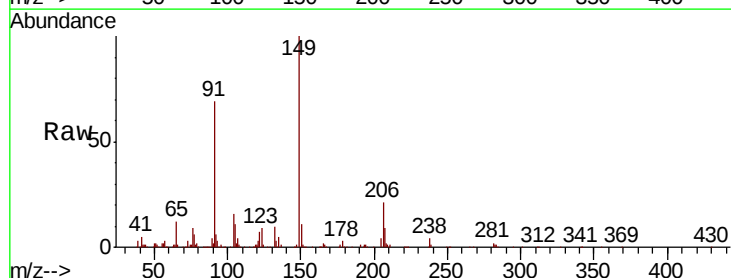
Tgt Ion:149 Resp: 127145

Ion Ratio Lower Upper

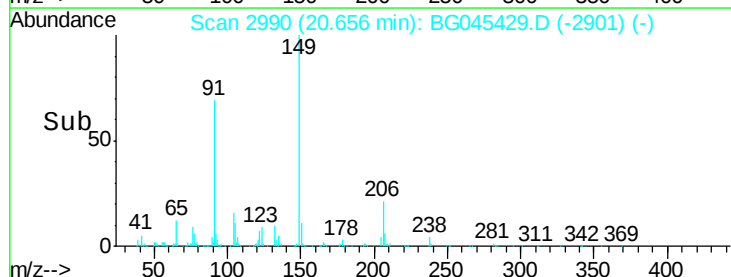
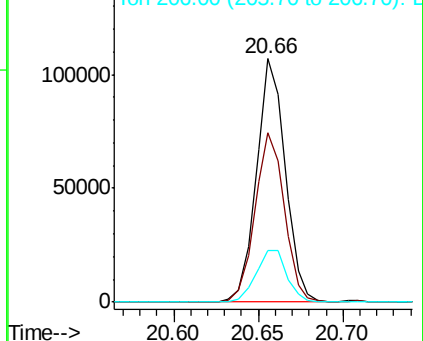
149 100

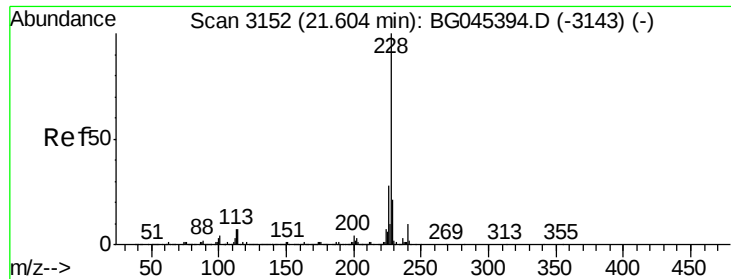
91 69.4 57.8 86.6

206 21.2 19.1 28.7



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





#81

Benzo(a)anthracene

Concen: 8.612 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

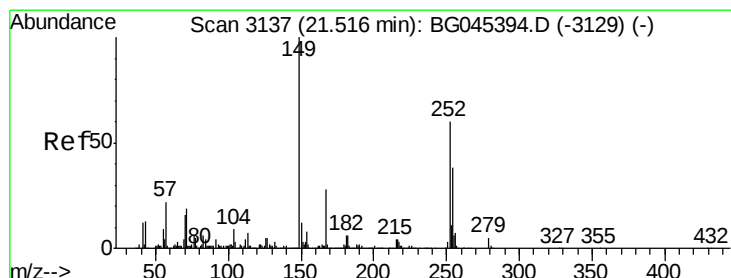
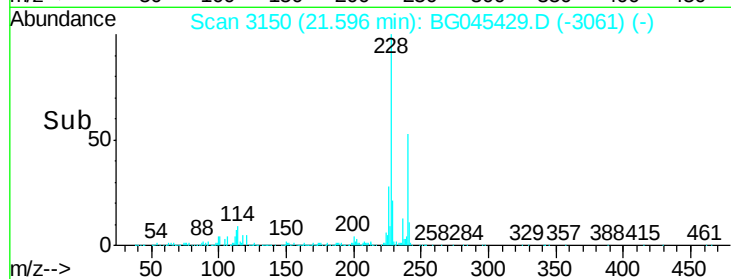
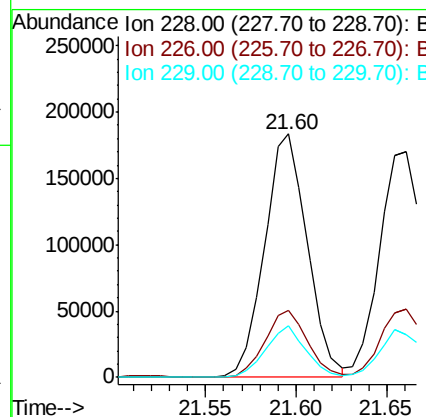
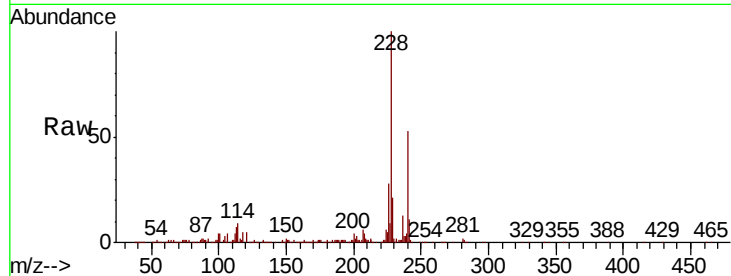
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	228	Resp:	301607
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.7	34.1
229	21.1	16.7	25.1

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#82

3,3'-Dichlorobenzidine

Concen: 8.986 ng

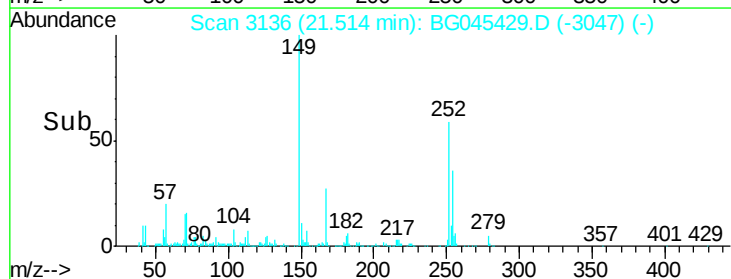
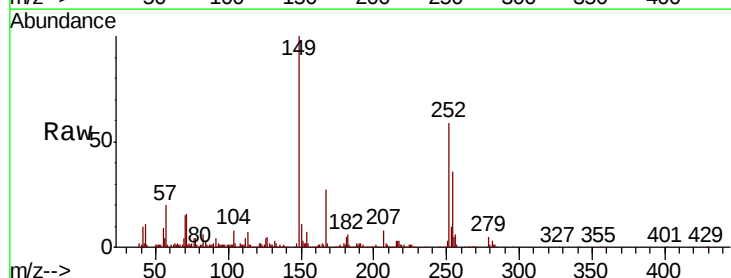
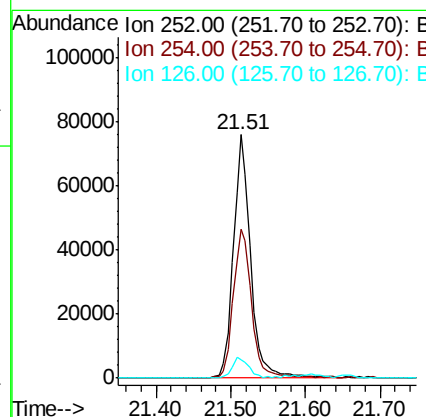
RT: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	252	Resp:	123454
Ion Ratio	Lower	Upper	
252	100		
254	60.9	51.3	76.9
126	7.6	6.6	10.0





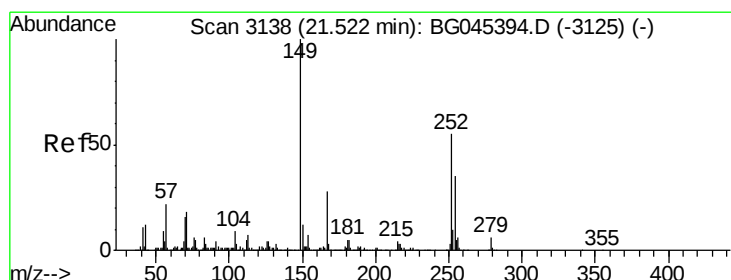
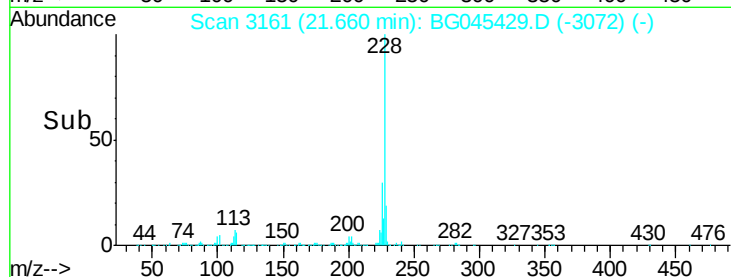
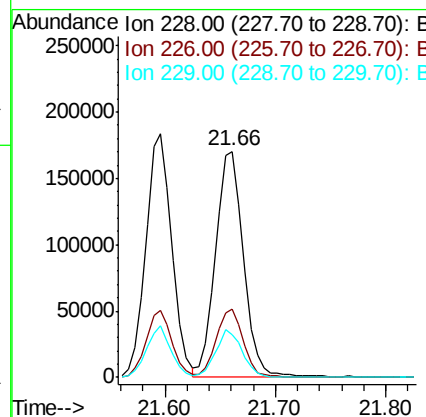
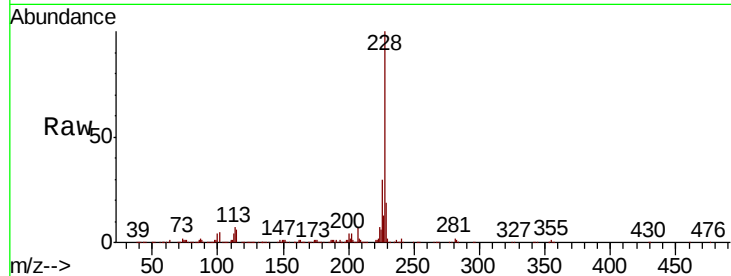
#83
Chrysene
Concen: 8.771 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion:	228	Resp:	295360
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.2	37.8
229	18.9	16.7	25.1

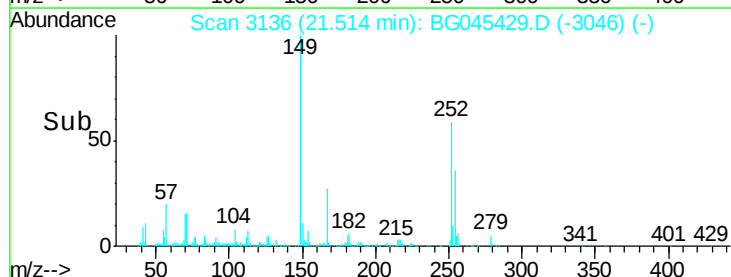
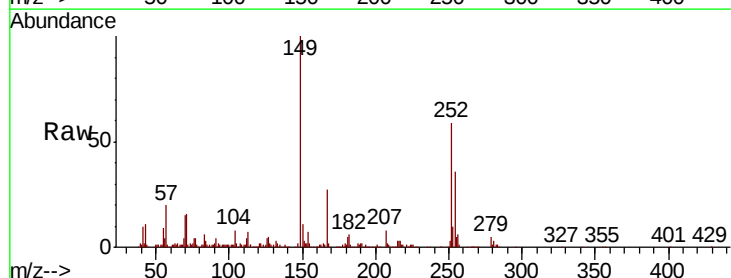
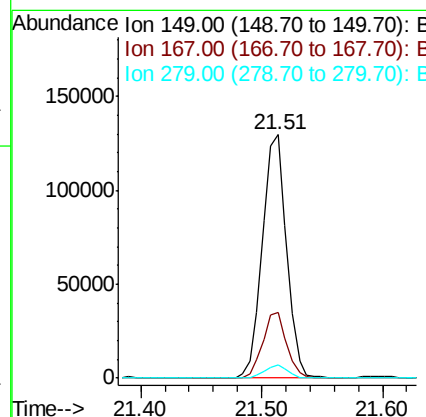
Manual Integrations
APPROVED

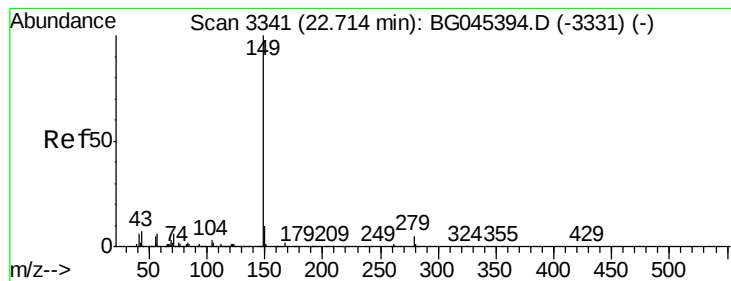
mohammad
5/20/2020 1:20:01 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.512 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion:	149	Resp:	181004
Ion Ratio	Lower	Upper	
149	100		
167	27.0	22.2	33.2
279	5.4	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 8.154 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

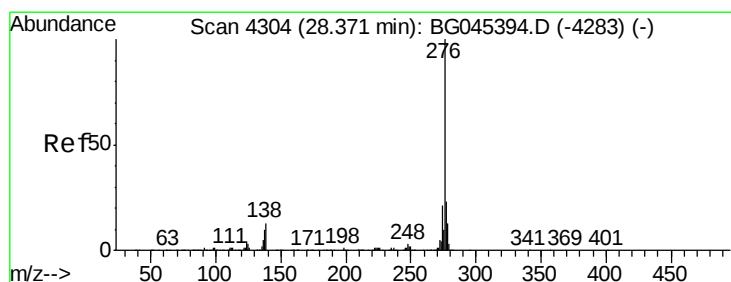
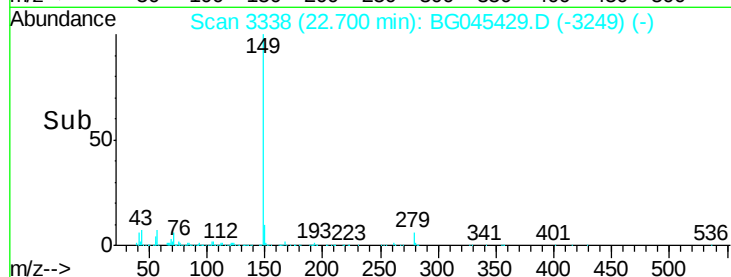
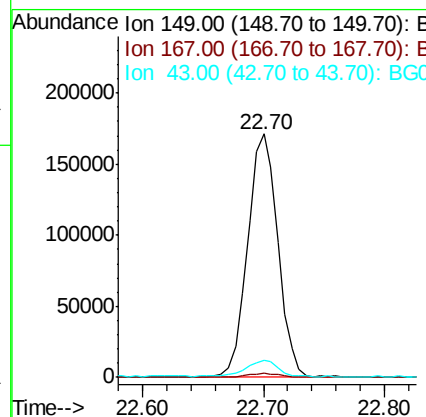
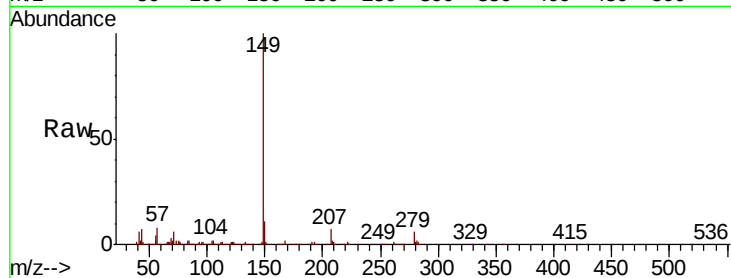
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	149	Resp:	297794
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	7.4	5.8	8.8

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 7.992 ng

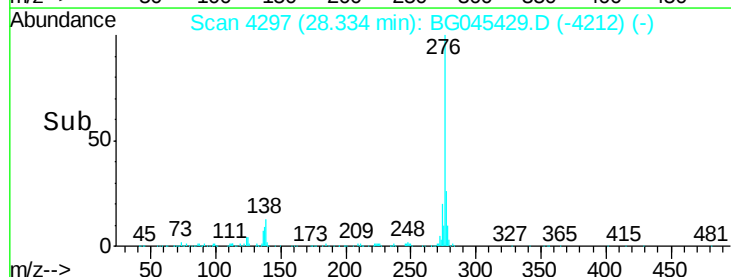
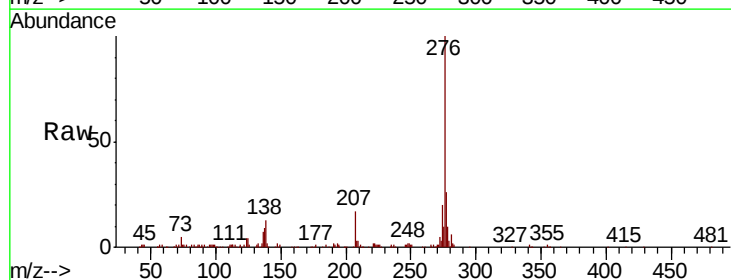
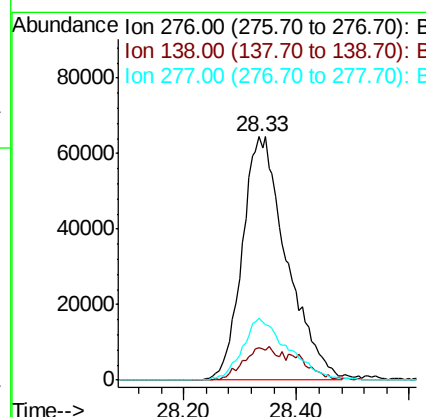
RT: 28.33 min Scan# 4297

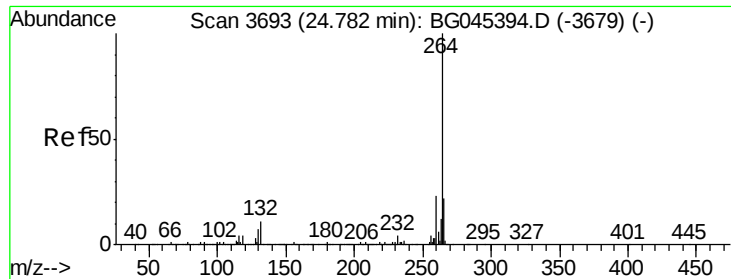
Delta R.T. -0.03 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	276	Resp:	351933
Ion Ratio	Lower	Upper	
276	100		
138	10.1	8.6	12.8
277	26.1	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

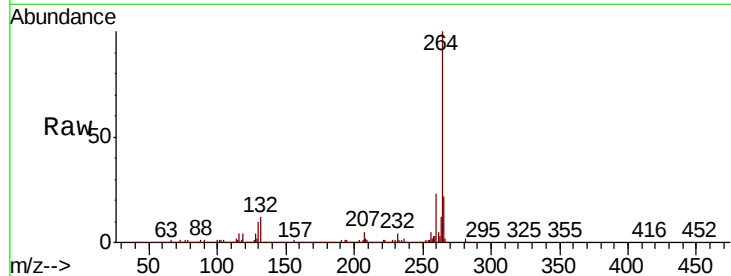
ClientSampleId :

LOQ-WATER-02-QT2-2020

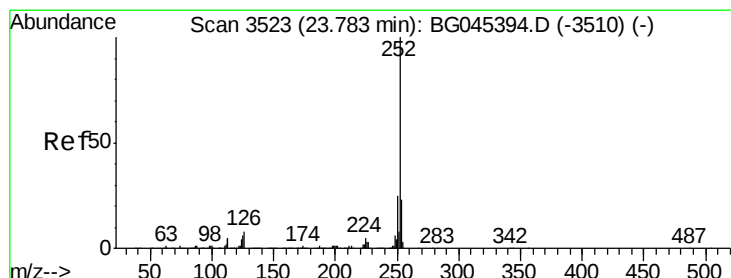
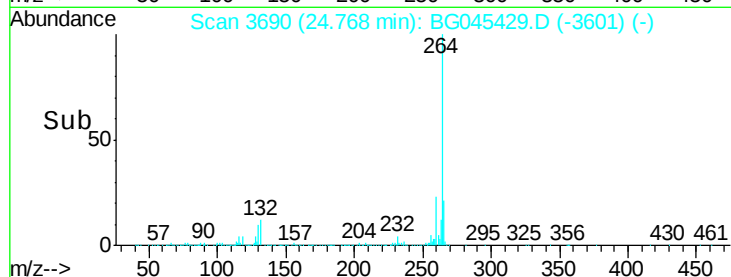
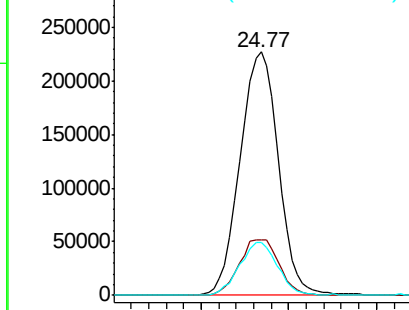
Tot Ion:	264	Resp:	675996
Ion Ratio		Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.7	17.6	26.4

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



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



#88

Benzo(b)fluoranthene

Concen: 8.366 ng

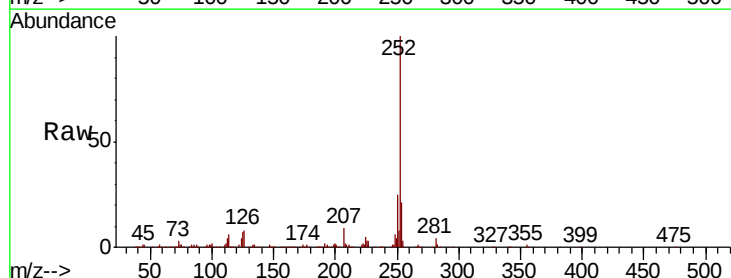
RT: 23.76 min Scan# 3519

Delta R.T. -0.01 min

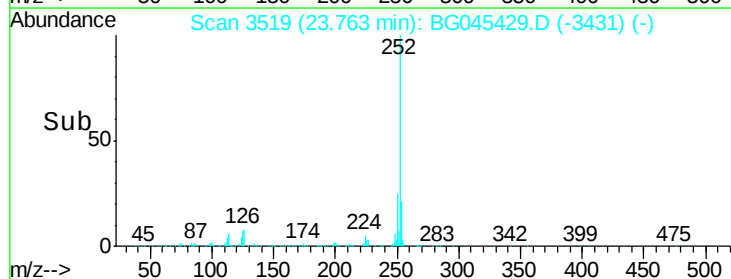
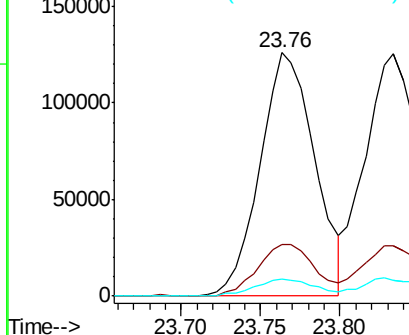
Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	252	Resp:	303322
Ion Ratio		Lower	Upper
252	100		
253	21.2	18.1	27.1
125	7.1	5.0	7.6



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





#89

Benzo(k)fluoranthene

Concen: 8.814 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

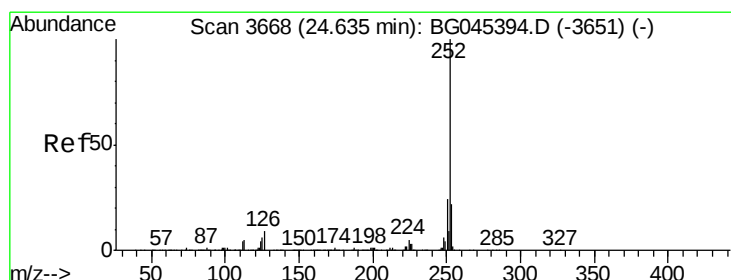
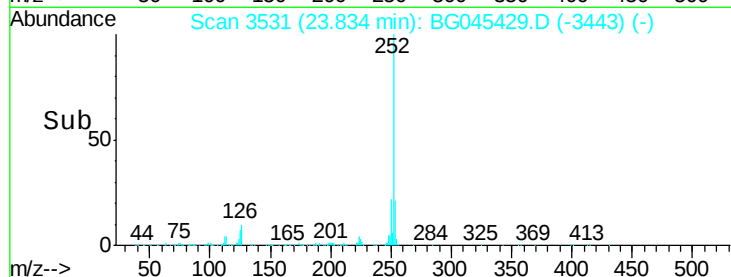
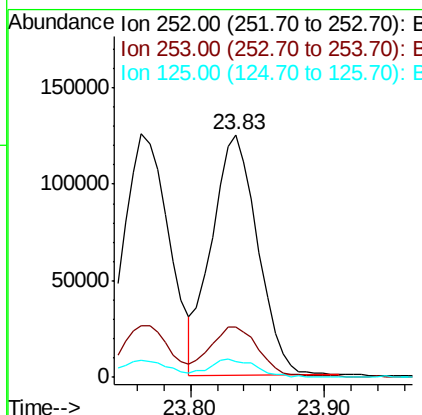
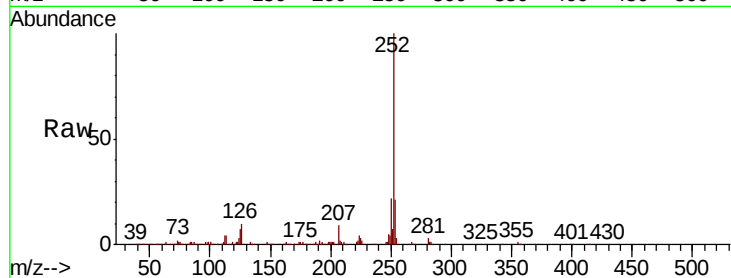
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	252	Resp:	300226
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.4	27.6
125	6.6	5.7	8.5

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#90

Benzo(a)pyrene

Concen: 8.383 ng

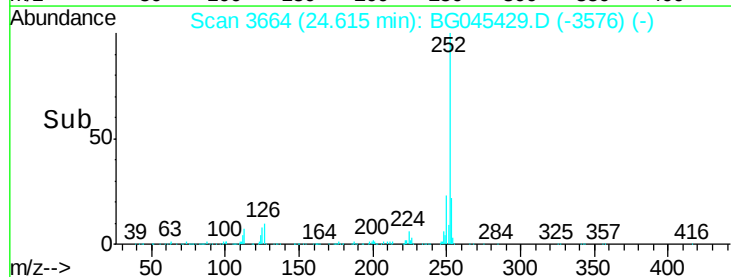
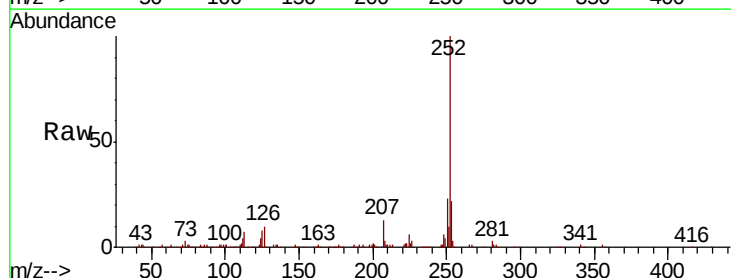
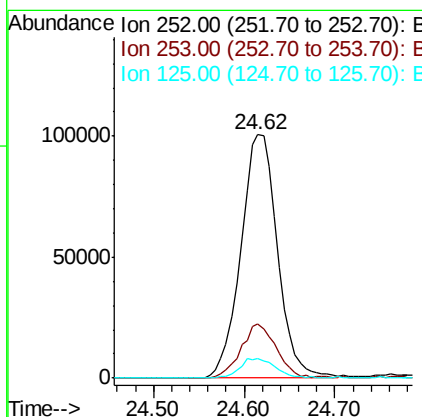
RT: 24.62 min Scan# 3664

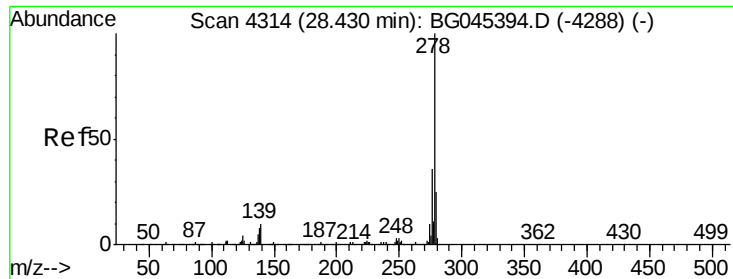
Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	252	Resp:	283054
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.2	25.8
125	8.1	5.0	7.6#





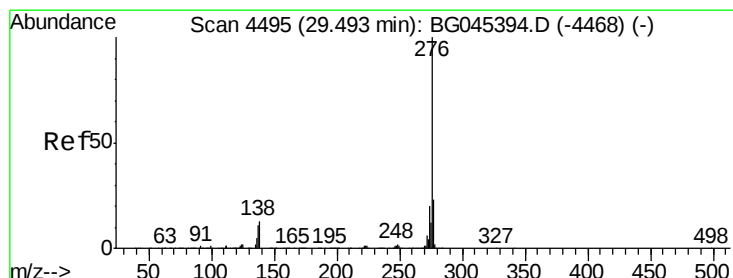
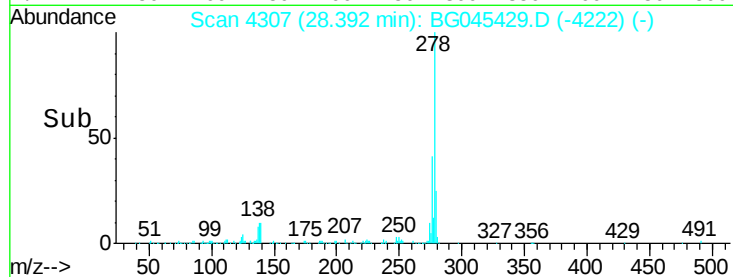
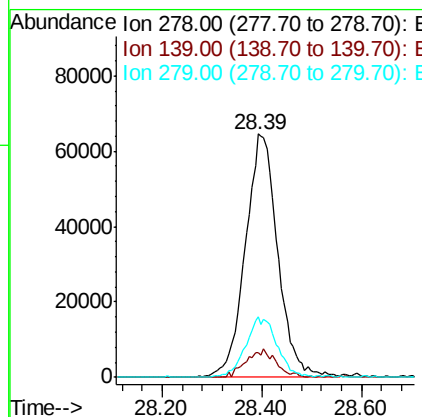
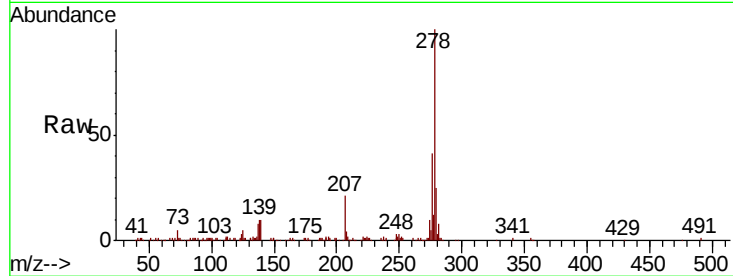
#91
Dibenzo(a,h)anthracene
Concen: 8.603 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.03 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.0	7.8	11.8
279	25.0	19.8	29.8

Manual Integrations
APPROVED

mohammad
5/20/2020 1:20:01 PM



#92
Benzo(g,h,i)perylene
Concen: 8.711 ng
RT: 29.45 min Scan# 4487
Delta R.T. -0.03 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.1	27.1
138	13.0	10.2	15.4

