

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045957.D
 Acq On : 7 Jul 2020 11:44
 Operator : CG/JU
 Sample : L2182-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations
 APPROVED

mohammad
 7/9/2020 10:55:14 AM

Quant Time: Jul 07 12:36:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	135029	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	545398	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	331370	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	677981	20.00	ng	0.00
76) Chrysene-d12	21.63	240	647335	20.00	ng	0.00
86) Perylene-d12	24.79	264	657998	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	905026	108.69	ng	0.00
7) Phenol-d6	7.16	99	1269842	105.93	ng	0.00
23) Nitrobenzene-d5	9.16	82	1098786	115.96	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	356550	115.93	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2190901	103.13	ng	0.00
79) Terphenyl-d14	19.99	244	2660186	91.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	16732	4.356	ng	96
3) Pyridine	3.91	79	37991	3.271	ng	91
4) n-Nitrosodimethylamine	3.82	42	16598	4.226	ng	# 93
6) Aniline	7.33	93	60358	3.936	ng	99
8) 2-Chlorophenol	7.57	128	32848	3.665	ng	95
9) Benzaldehyde	7.14	77	38987	5.133	ng	91
10) Phenol	7.19	94	46339	3.853	ng	84
11) bis(2-Chloroethyl)ether	7.43	93	38207	3.842	ng	96
12) 1,3-Dichlorobenzene	7.90	146	37363	3.616	ng	98
13) 1,4-Dichlorobenzene	8.05	146	39995	3.935	ng	92
14) 1,2-Dichlorobenzene	8.36	146	36080	3.689	ng	96
15) Benzyl Alcohol	8.24	79	35257	3.751	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	46662	3.597	ng	96
17) 2-Methylphenol	8.44	107	31125	3.449	ng	89
18) Hexachloroethane	9.10	117	14561	3.724	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	33539	3.983	ng	92
20) 3+4-Methylphenols	8.77	107	42620	3.466	ng	94
22) Acetophenone	8.82	105	61053	4.190	ng	98
24) Nitrobenzene	9.20	77	44253	4.231	ng	95
25) Isophorone	9.73	82	87344	3.776	ng	97
26) 2-Nitrophenol	9.91	139	11435	3.354	ng	96
27) 2,4-Dimethylphenol	9.97	122	31896	3.874	ng	88
28) bis(2-Chloroethoxy)methane	10.21	93	50162	3.862	ng	99
29) 2,4-Dichlorophenol	10.45	162	29006	3.403	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	35520	3.761	ng	98
31) Naphthalene	10.85	128	113629	3.886	ng	97
32) Benzoic acid	10.02	122	10339m	2.319	ng	
33) 4-Chloroaniline	10.95	127	47988	3.673	ng	96
34) Hexachlorobutadiene	11.16	225	18426	3.341	ng	94
35) Caprolactam	11.69	113	11644	3.598	ng	91
36) 4-Chloro-3-methylphenol	12.07	107	35420	3.649	ng	96
37) 2-Methylnaphthalene	12.46	142	81379	3.915	ng	98
38) 1-Methylnaphthalene	12.67	142	78167	3.985	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	38294	4.100	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045957.D
 Acq On : 7 Jul 2020 11:44
 Operator : CG/JU
 Sample : L2182-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

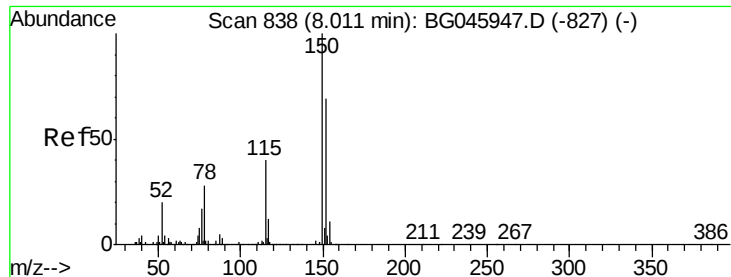
Manual Integrations
 APPROVED

mohammad
 7/9/2020 10:55:14 AM

Quant Time: Jul 07 12:36:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	19591	3.535	ng	89
43) 2,4,6-Trichlorophenol	13.06	196	21970	3.478	ng	96
44) 2,4,5-Trichlorophenol	13.13	196	24105	3.375	ng	93
46) 1,1'-Biphenyl	13.47	154	108495	4.352	ng	98
47) 2-Chloronaphthalene	13.50	162	74863	3.806	ng	93
48) 2-Nitroaniline	13.69	65	16132	3.505	ng	# 87
49) Acenaphthylene	14.35	152	129495	4.081	ng	98
50) Dimethylphthalate	14.08	163	93651	3.766	ng	# 98
51) 2,6-Dinitrotoluene	14.19	165	12314	3.191	ng	95
52) Acenaphthene	14.69	154	76845	3.839	ng	97
53) 3-Nitroaniline	14.51	138	14478	3.028	ng	# 70
54) 2,4-Dinitrophenol	14.72	184	2557	1.879	ng	# 62
55) Dibenzofuran	15.02	168	118032	4.023	ng	97
56) 4-Nitrophenol	14.81	139	11655	2.877	ng	85
57) 2,4-Dinitrotoluene	14.97	165	13759	2.886	ng	# 78
58) Fluorene	15.68	166	94824	3.940	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	19328	3.505	ng	# 91
60) Diethylphthalate	15.45	149	97910	3.754	ng	94
61) 4-Chlorophenyl-phenylether	15.67	204	45808	3.825	ng	97
62) 4-Nitroaniline	15.67	138	16049	3.122	ng	99
63) Azobenzene	15.96	77	109479	3.911	ng	97
65) 4,6-Dinitro-2-methylphenol	15.73	198	4574	2.303	ng	96
66) n-Nitrosodiphenylamine	15.88	169	84629	4.028	ng	95
67) 4-Bromophenyl-phenylether	16.56	248	26849	3.546	ng	91
68) Hexachlorobenzene	16.68	284	28623	3.767	ng	96
69) Atrazine	16.83	200	30137	4.852	ng	96
70) Pentachlorophenol	17.02	266	13260	3.139	ng	# 89
71) Phenanthrene	17.41	178	144338	4.027	ng	95
72) Anthracene	17.50	178	152398	4.190	ng	95
73) Carbazole	17.77	167	139330	3.821	ng	93
74) Di-n-butylphthalate	18.35	149	171456	3.892	ng	# 94
75) Fluoranthene	19.42	202	172421	4.161	ng	96
77) Benzidine	19.59	184	94175	5.088	ng	99
78) Pyrene	19.78	202	178180m	4.032	ng	
80) Butylbenzylphthalate	20.68	149	71539	3.426	ng	98
81) Benzo(a)anthracene	21.61	228	168531	3.959	ng	92
82) 3,3'-Dichlorobenzidine	21.52	252	64639	4.110	ng	96
83) Chrysene	21.67	228	157637	3.887	ng	95
84) Bis(2-ethylhexyl)phthalate	21.55	149	110045	3.631	ng	# 95
85) Di-n-octyl phthalate	22.75	149	186171	3.539	ng	99
87) Indeno(1,2,3-cd)pyrene	28.35	276	180168	3.743	ng	95
88) Benzo(b)fluoranthene	23.78	252	162794	3.897	ng	97
89) Benzo(k)fluoranthene	23.85	252	159088	4.028	ng	98
90) Benzo(a)pyrene	24.63	252	147387	3.752	ng	98
91) Dibenzo(a,h)anthracene	28.43	278	152541	3.929	ng	95
92) Benzo(g,h,i)perylene	29.46	276	152107	3.893	ng	95

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



#1

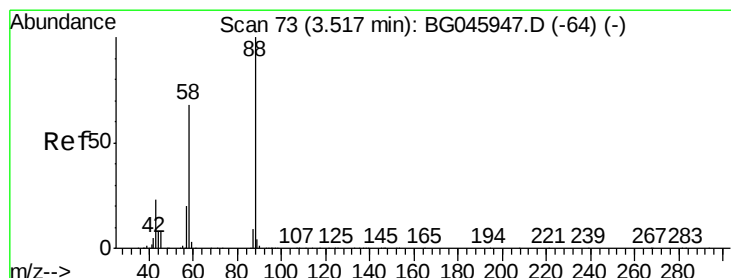
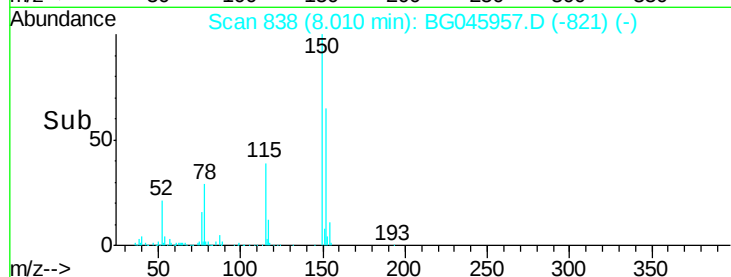
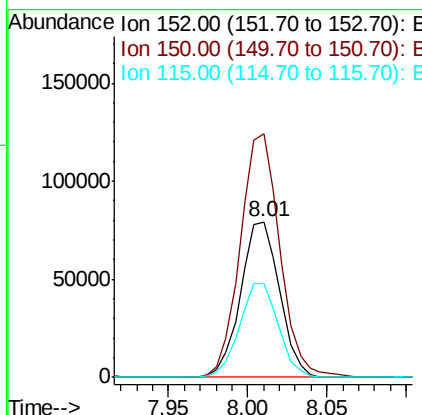
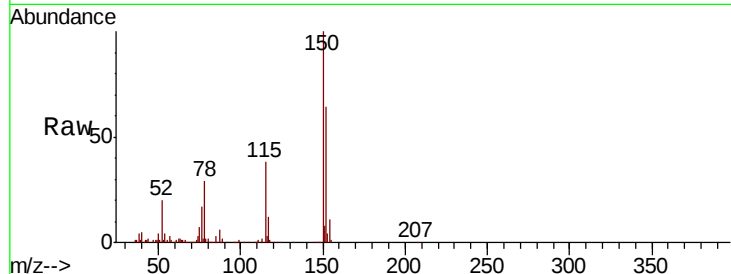
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	116.7	175.1
115	60.2	47.4	71.0

Manual Integrations
APPROVED

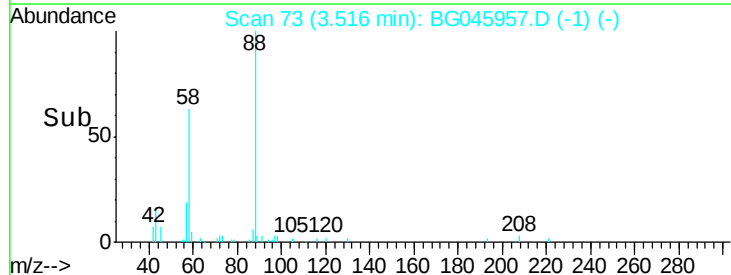
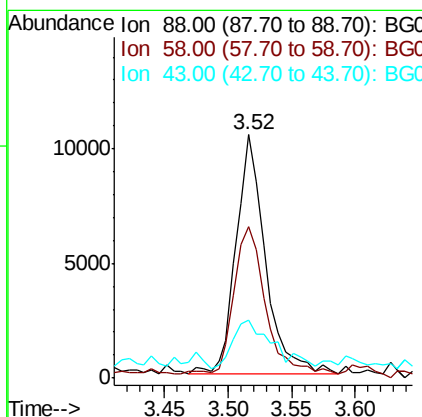
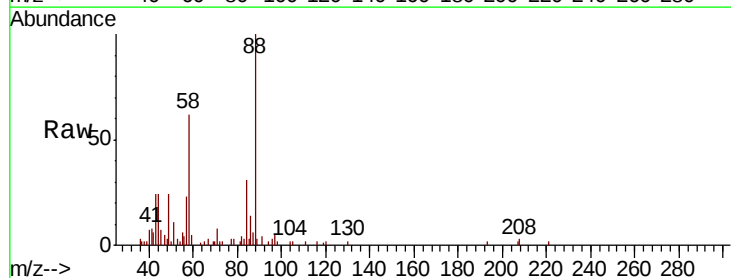
mohammad
7/9/2020 10:55:14 AM

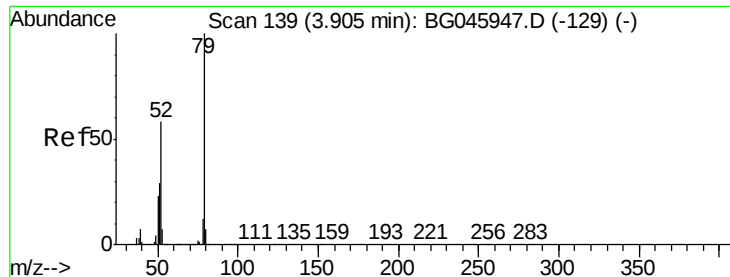


#2

1,4-Dioxane
Concen: 4.356 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	55.2	82.8
43	27.1	19.4	29.0





#3

Pvridine

Concen: 3.271 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

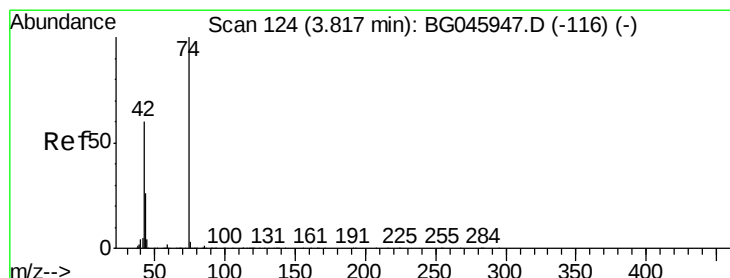
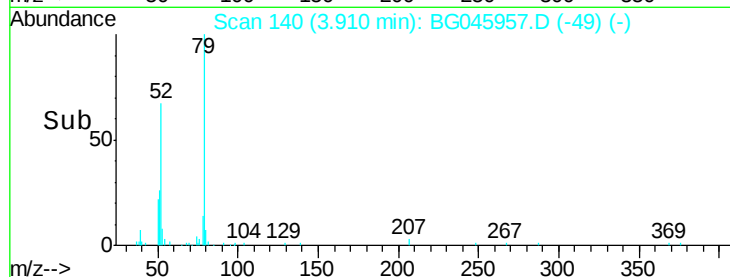
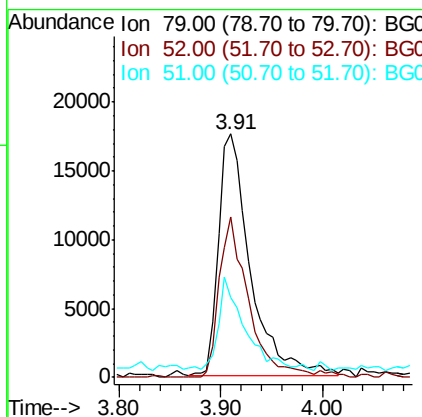
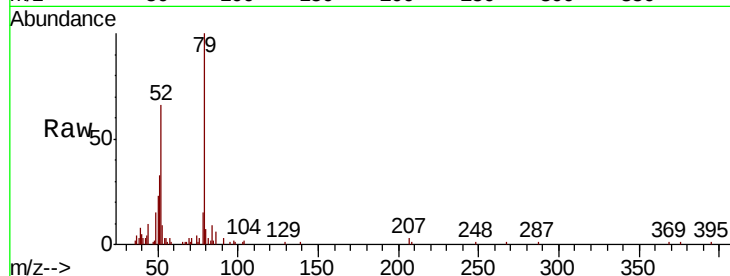
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	79	Resp:	37991
Ion	Ratio	Lower	Upper
79	100		
52	65.8	46.5	69.7
51	32.9	23.5	35.3

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



#4

n-Nitrosodimethylamine

Concen: 4.226 ng

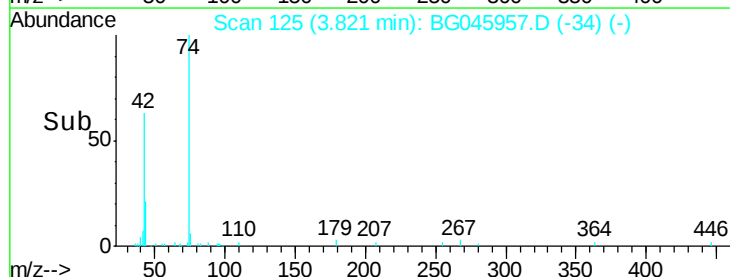
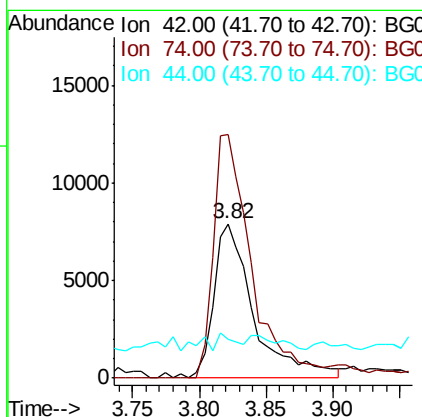
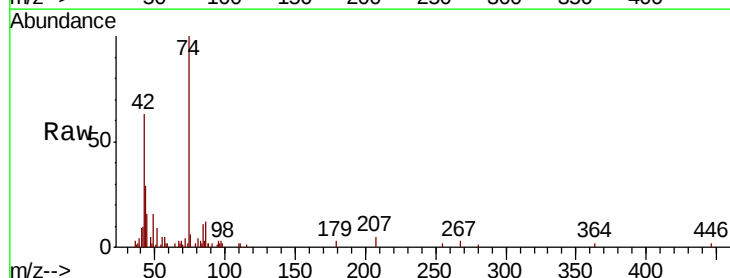
RT: 3.82 min Scan# 125

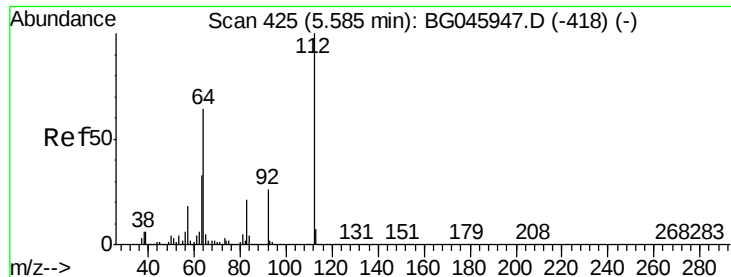
Delta R.T. 0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	42	Resp:	16598
Ion	Ratio	Lower	Upper
42	100		
74	157.7	131.9	197.9
44	24.9	7.7	11.5#





#5

2-Fluorophenol

Concen: 108.691 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

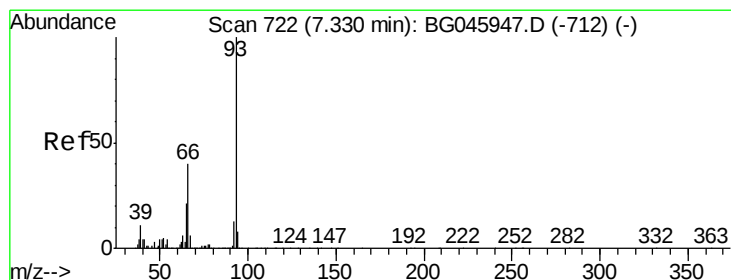
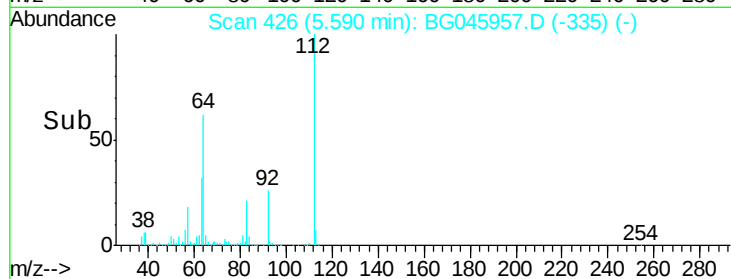
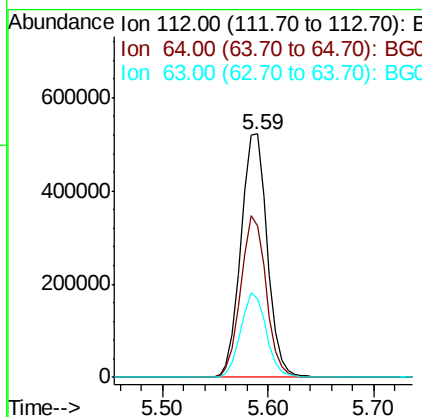
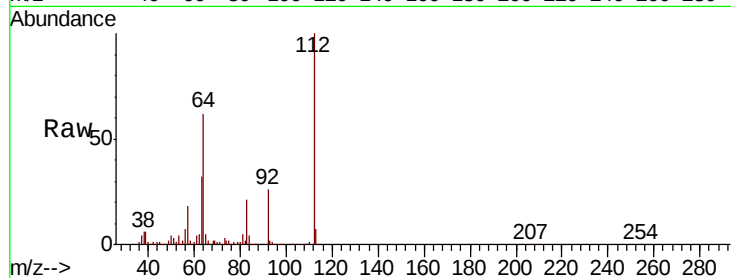
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	112	Resp:	905026
Ion Ratio	Lower	Upper	
112	100		
64	62.2	51.4	77.2
63	32.4	26.6	40.0

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



#6

Aniline

Concen: 3.936 ng

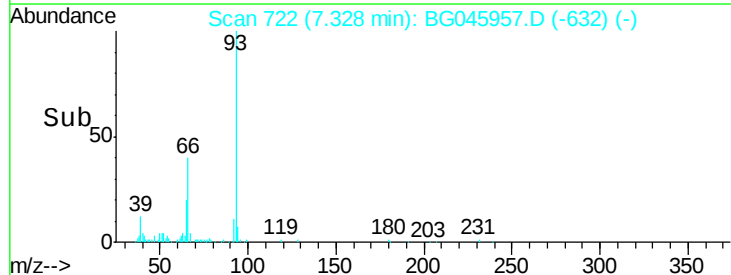
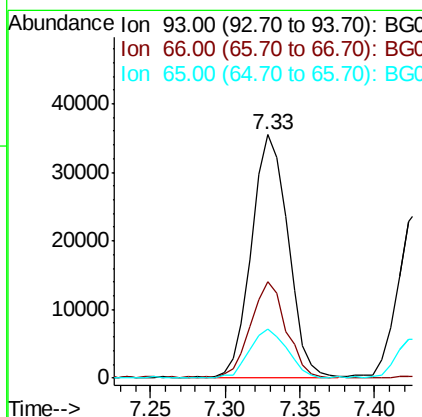
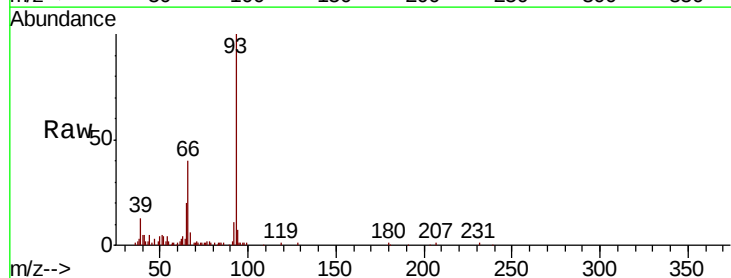
RT: 7.33 min Scan# 722

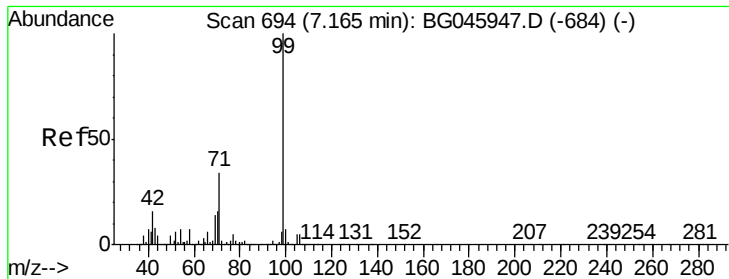
Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	93	Resp:	60358
Ion Ratio	Lower	Upper	
93	100		
66	39.6	32.3	48.5
65	20.0	16.6	25.0





#7

Phenol-d6

Concen: 105.927 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 99 Resp: 1269842

Ion Ratio Lower Upper

99 100

42 17.4 13.0 19.4

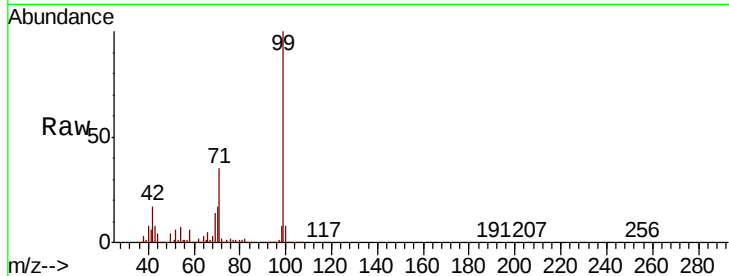
71 34.8 27.5 41.3

Manual Integrations

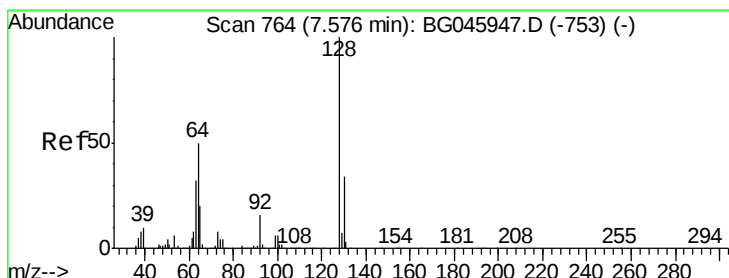
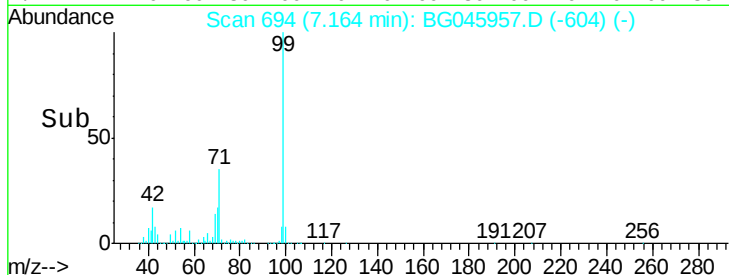
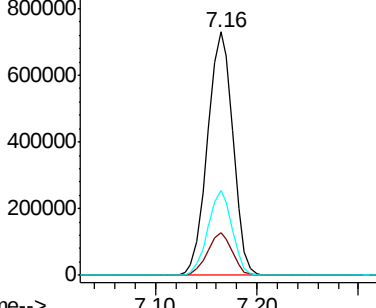
APPROVED

mohammad

7/9/2020 10:55:14 AM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 3.665 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

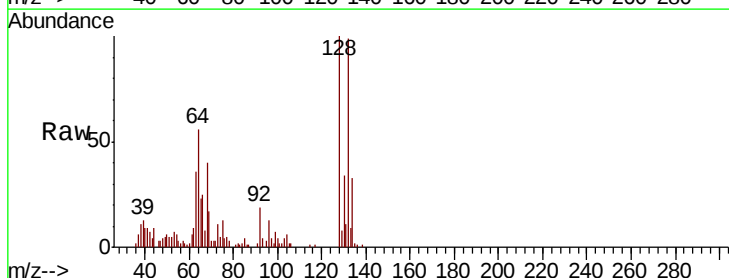
Tgt Ion:128 Resp: 32848

Ion Ratio Lower Upper

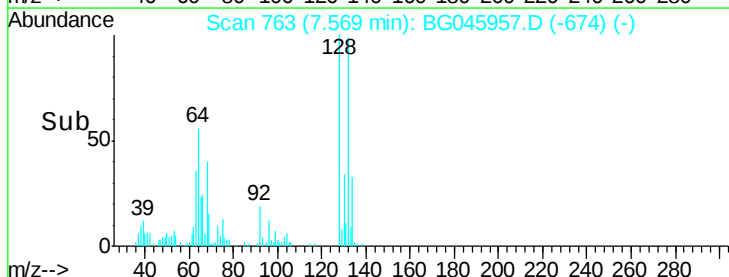
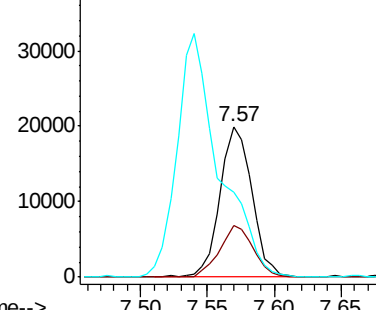
128 100

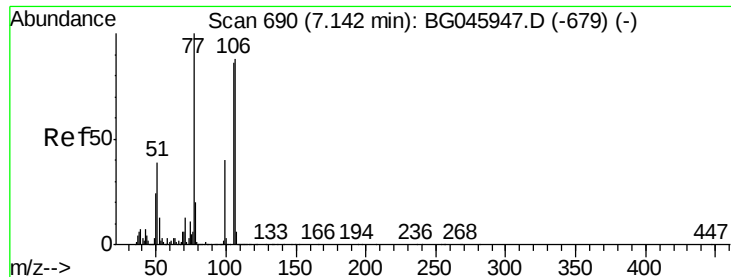
130 34.4 13.6 53.6

64 56.3 30.6 70.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 5.133 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

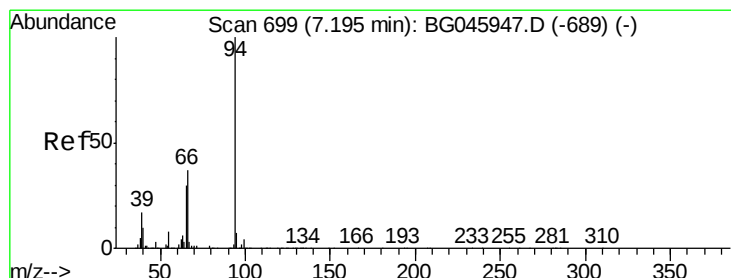
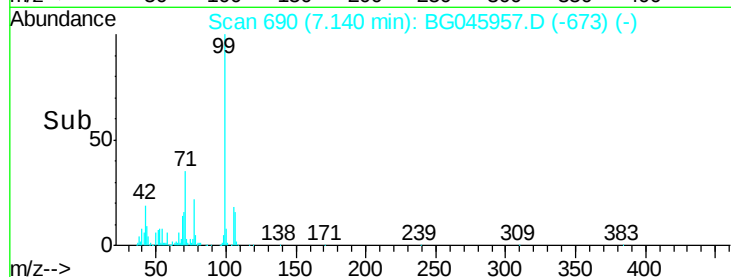
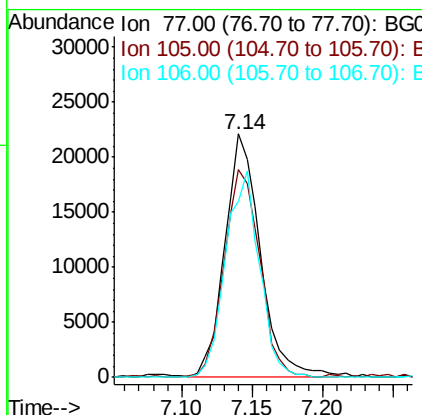
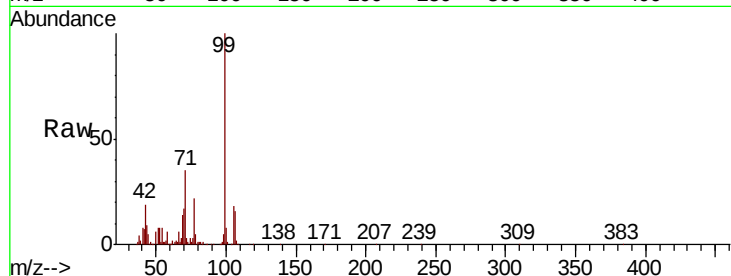
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	77	Resp:	38987
Ion	Ratio	Lower	Upper
77	100		
105	85.4	66.0	106.0
106	72.4	67.7	107.7

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



#10

Phenol

Concen: 3.853 ng

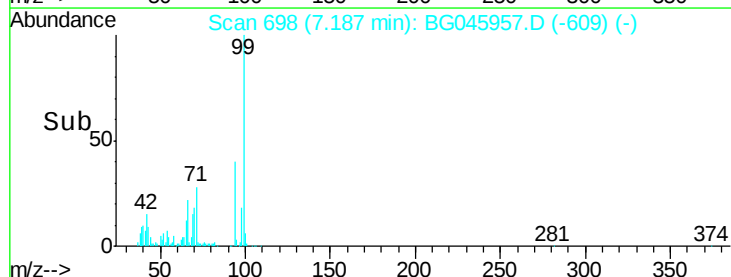
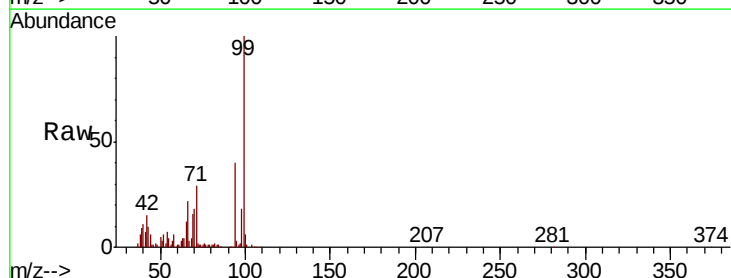
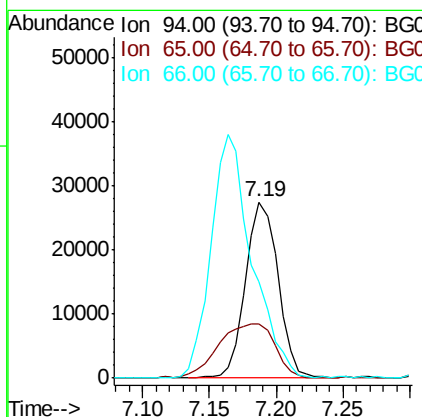
RT: 7.19 min Scan# 698

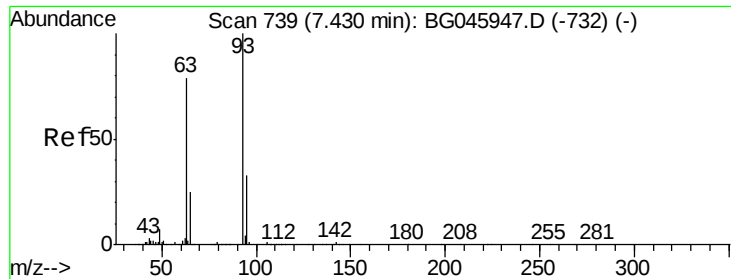
Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	94	Resp:	46339
Ion	Ratio	Lower	Upper
94	100		
65	30.8	10.6	50.6
66	54.5	17.1	57.1





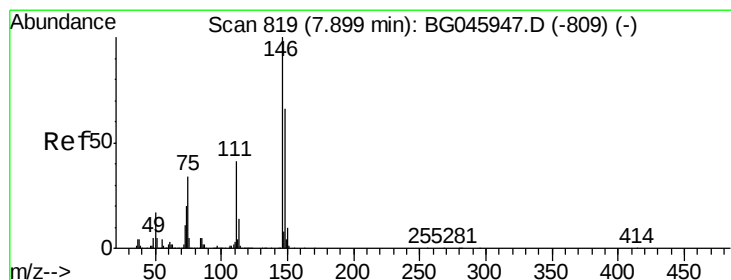
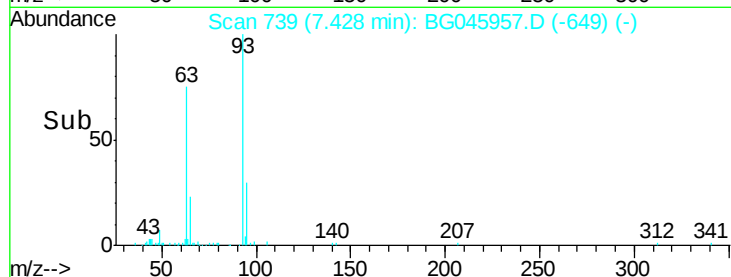
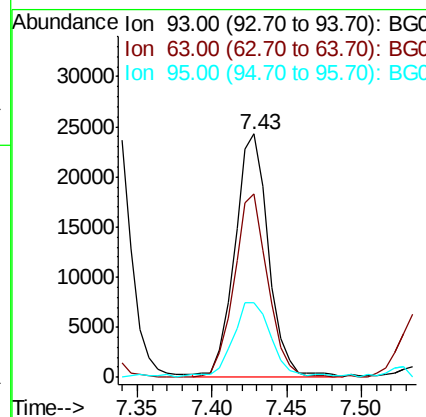
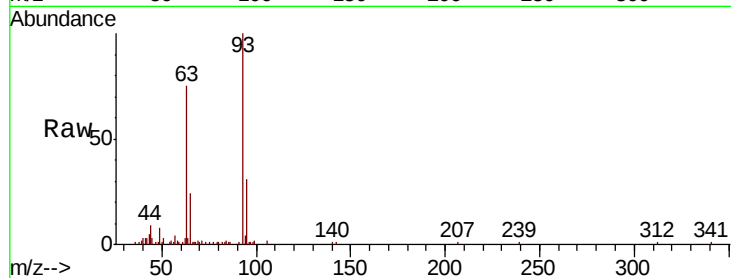
#11
bis(2-Chloroethyl)ether
Concen: 3.842 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	58.6	98.6
95	30.9	13.3	53.3

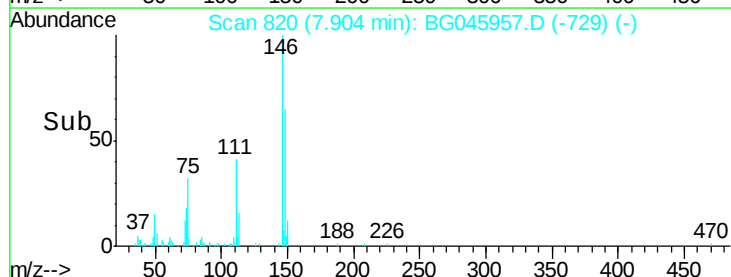
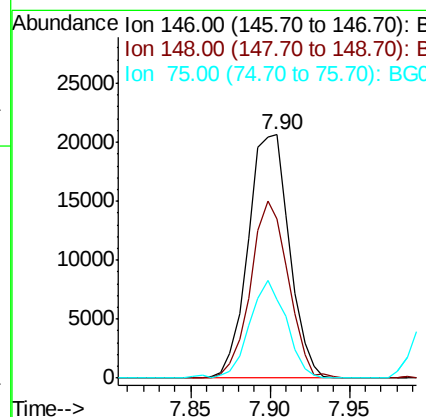
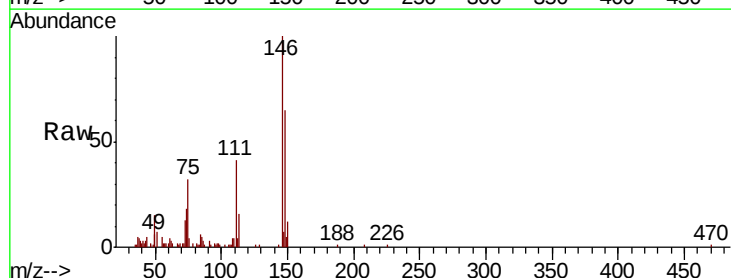
Manual Integrations
APPROVED

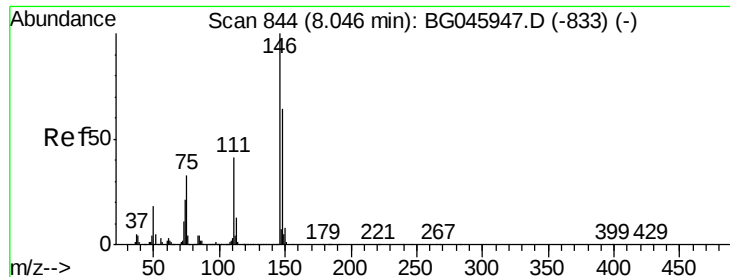
mohammad
7/9/2020 10:55:14 AM



#12
1,3-Dichlorobenzene
Concen: 3.616 ng
RT: 7.90 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.8	79.2
75	32.4	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 3.935 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

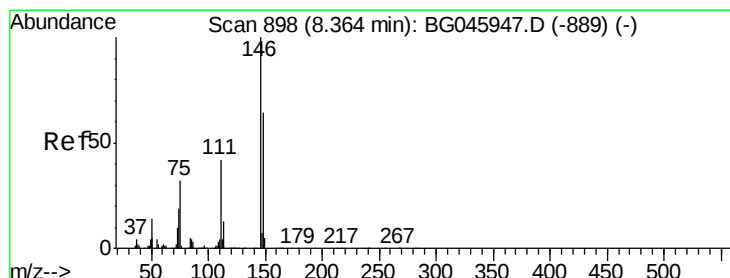
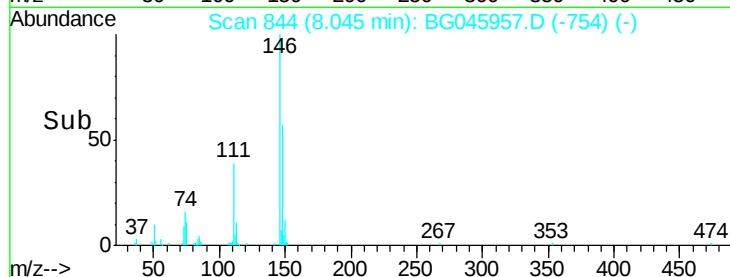
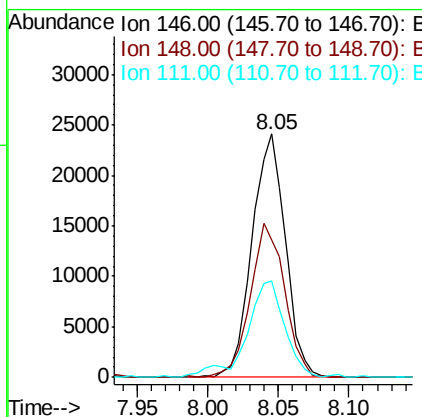
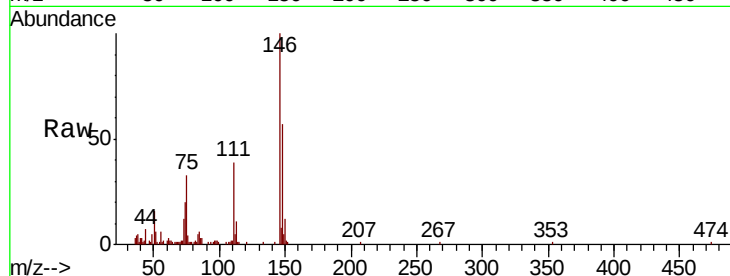
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	146	Resp:	39995
Ion Ratio	Lower	Upper	
146	100		
148	56.5	51.7	77.5
111	39.5	33.3	49.9

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



#14

1,2-Dichlorobenzene

Concen: 3.689 ng

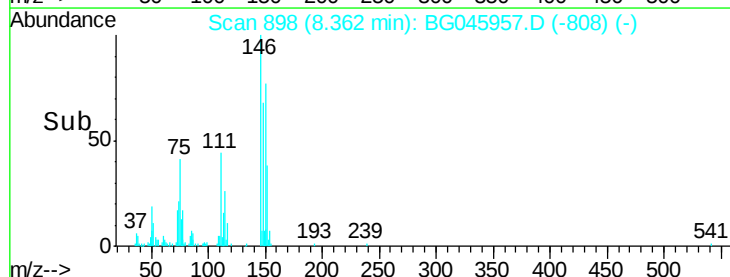
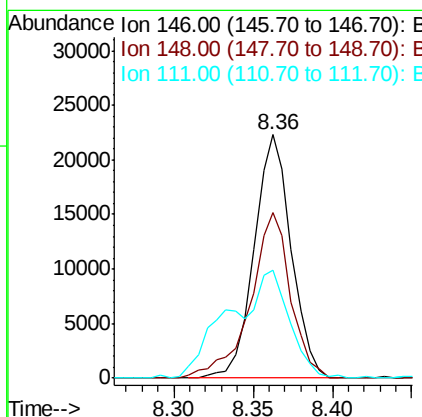
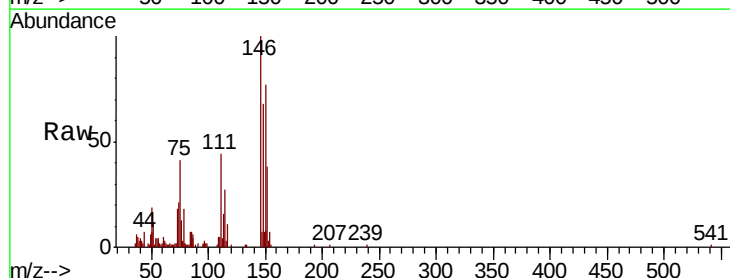
RT: 8.36 min Scan# 898

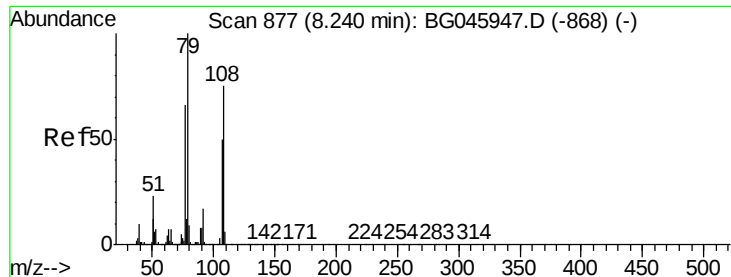
Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	146	Resp:	36080
Ion Ratio	Lower	Upper	
146	100		
148	67.8	51.6	77.4
111	44.1	34.0	51.0





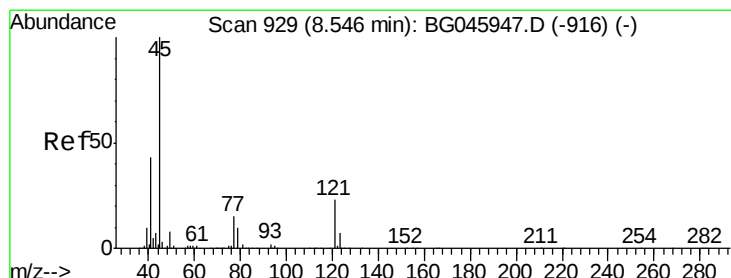
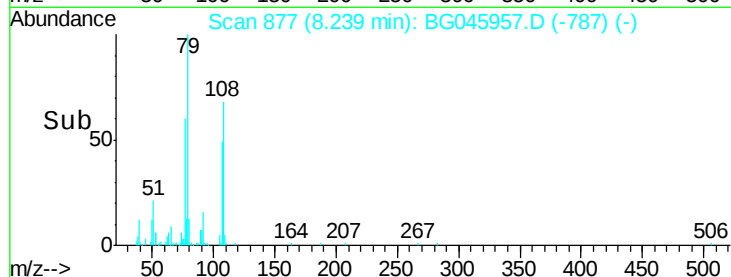
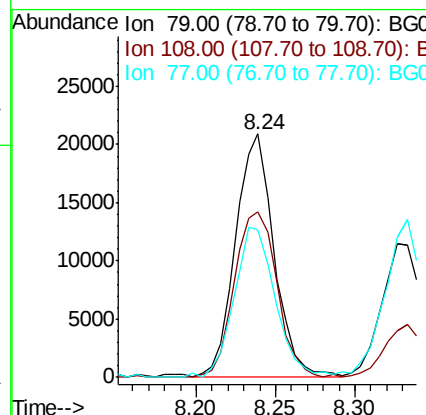
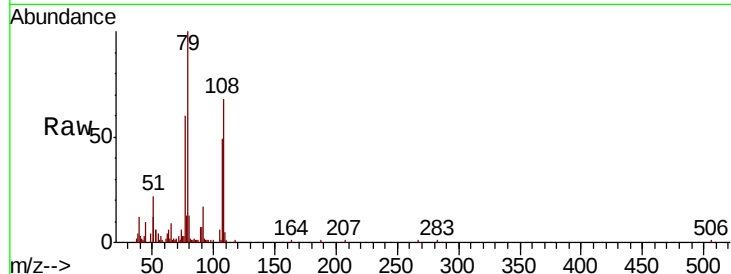
#15
Benzyl Alcohol
Concen: 3.751 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.1	60.2	90.4
77	60.5	52.9	79.3

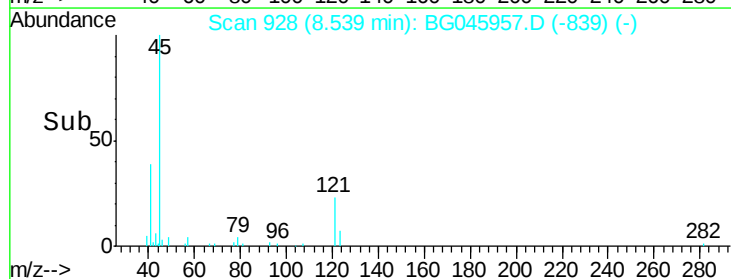
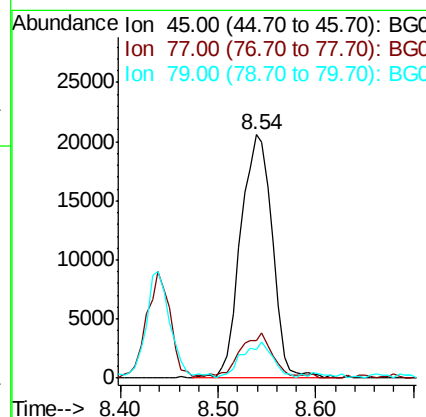
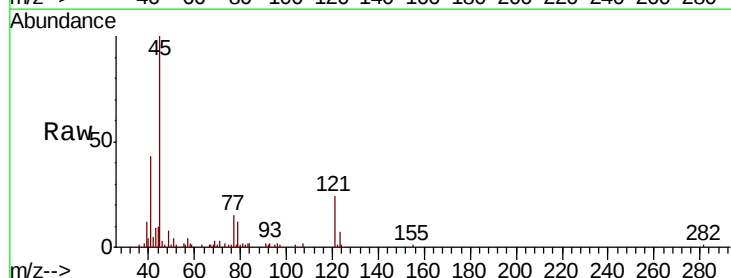
Manual Integrations
APPROVED

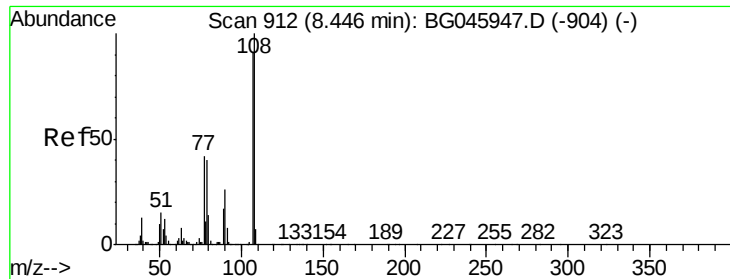
mohammad
7/9/2020 10:55:14 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.597 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	37.6
79	11.9	0.0	32.6





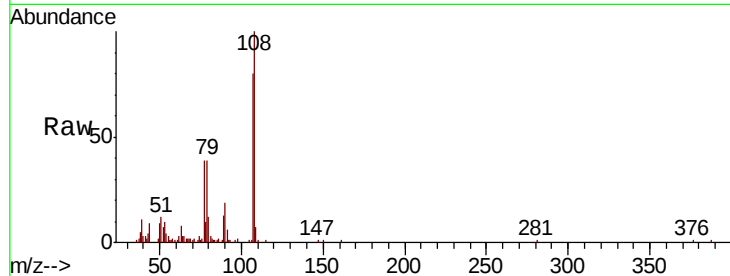
#17
2-Methylphenol
Concen: 3.449 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

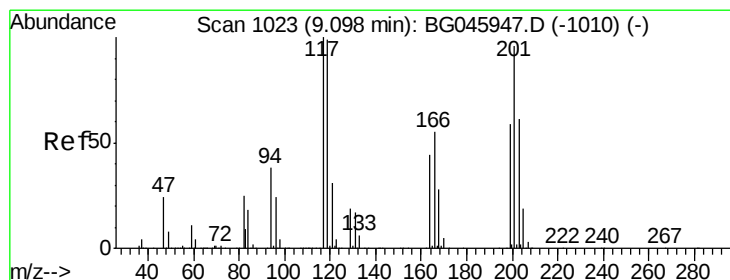
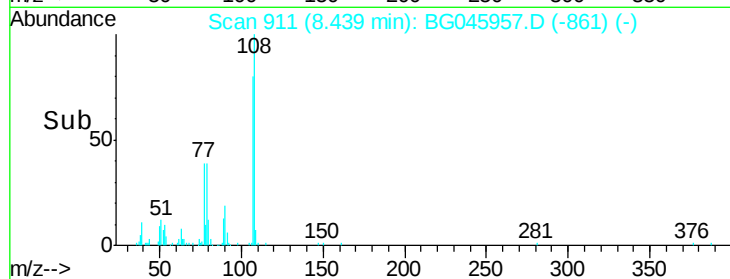
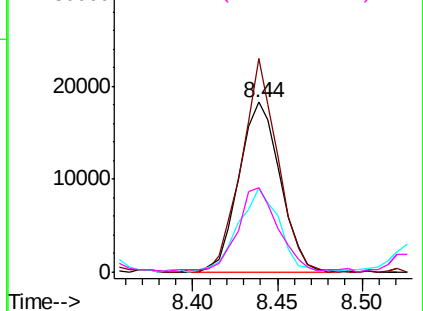
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	125.8	88.2	132.4	
77	49.5	37.0	55.4	
79	49.6	35.4	53.0	

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM

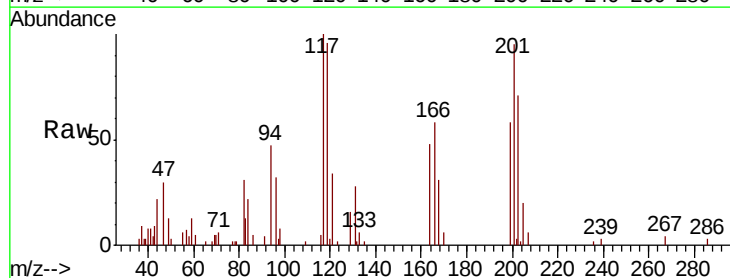


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

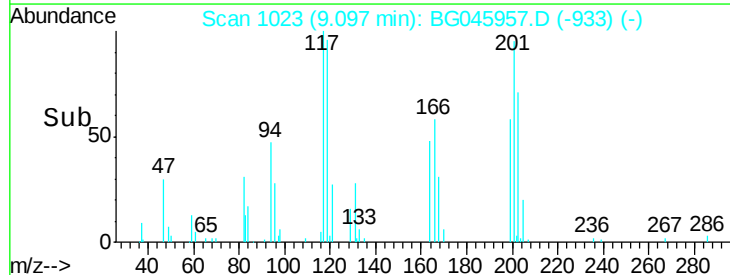
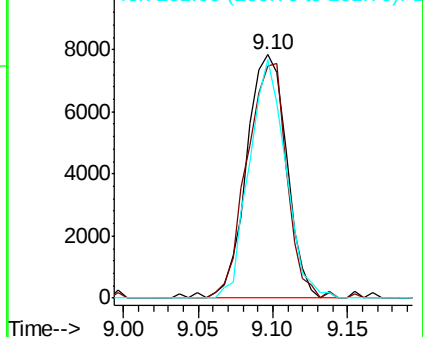


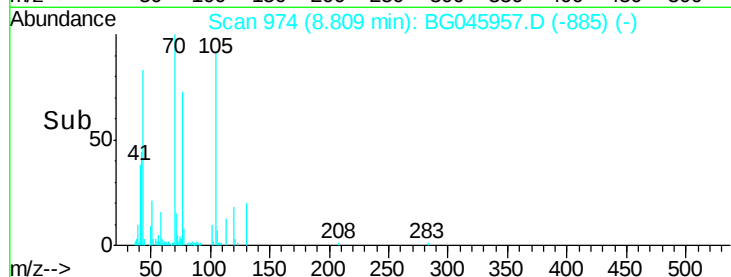
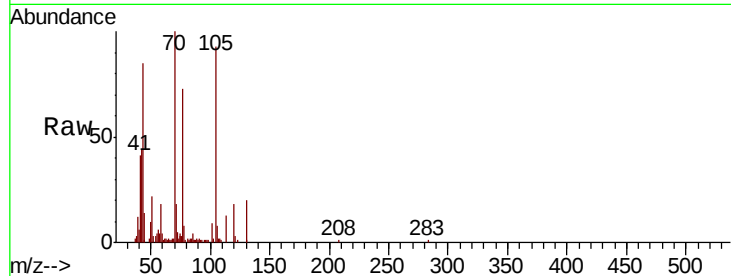
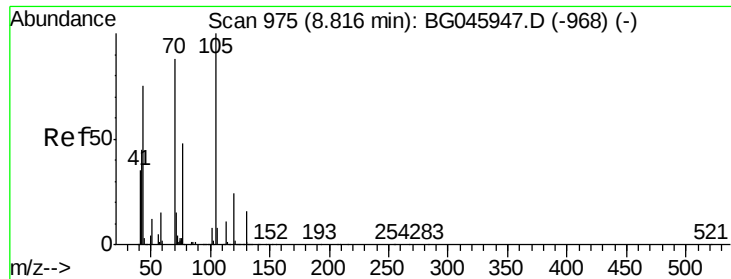
#18
Hexachloroethane
Concen: 3.724 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	79.5	119.3	
201	98.0	77.0	115.4	



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





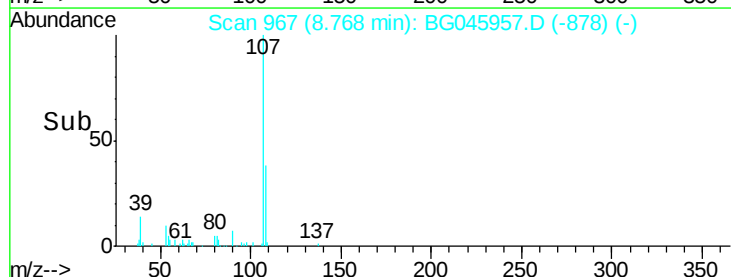
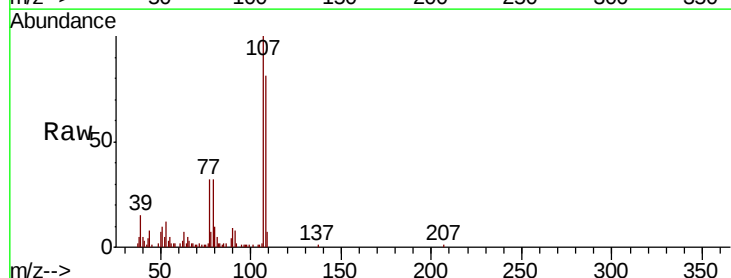
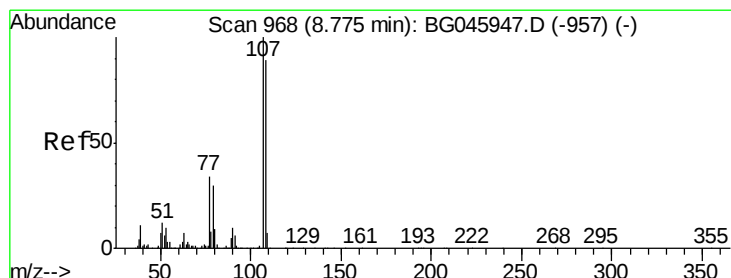
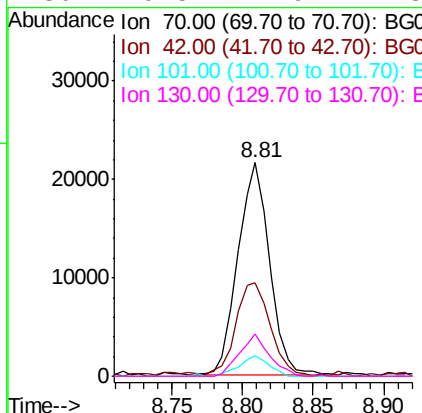
#19
n-Nitroso-di-n-propylamine
Concen: 3.983 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		33539		
42	43.9	41.4	62.0		
101	9.4	7.1	10.7		
130	19.5	14.9	22.3		

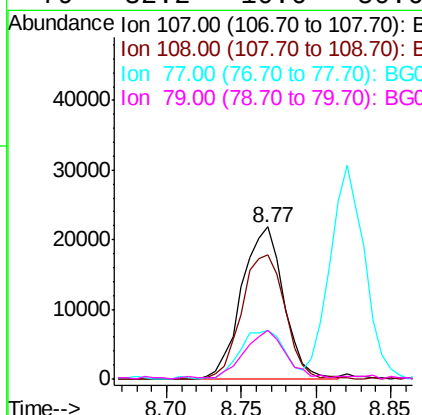
Manual Integrations
APPROVED

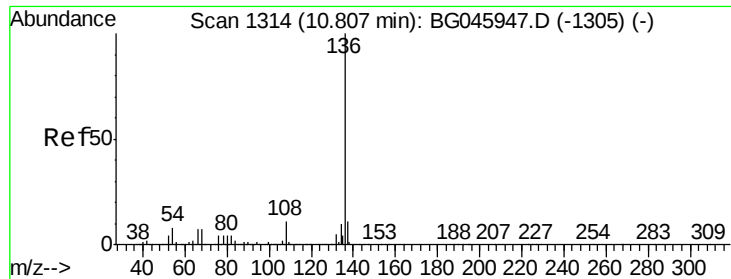
mohammad
7/9/2020 10:55:14 AM



#20
3+4-Methylphenols
Concen: 3.466 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		42620		
108	81.5	68.7	108.7		
77	32.0	14.6	54.6		
79	32.2	10.6	50.6		





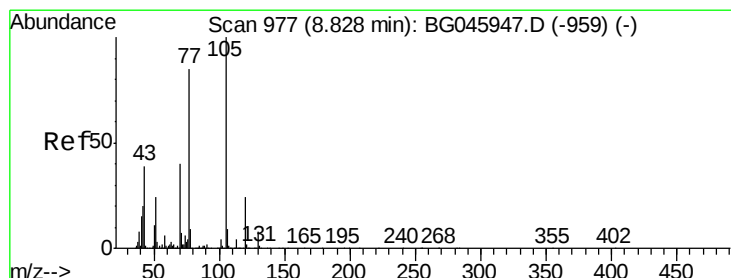
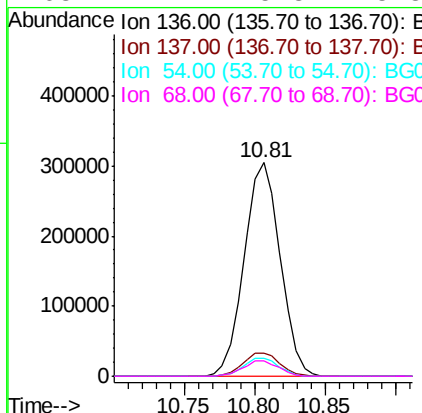
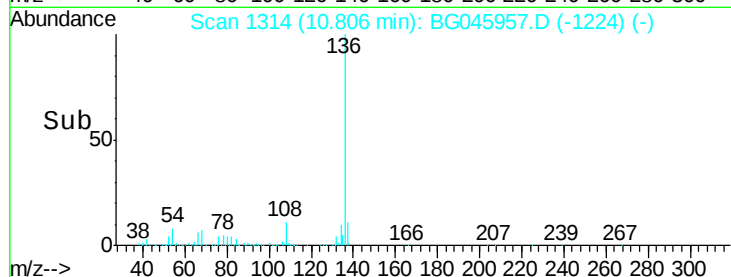
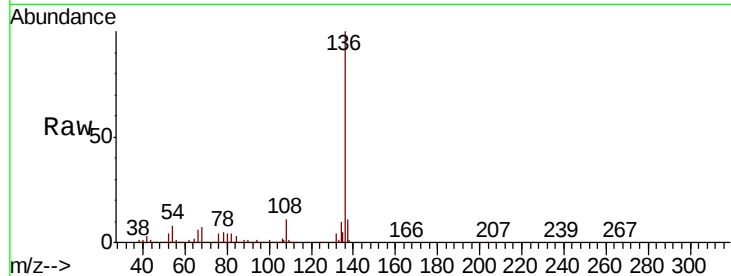
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		545398		
137	11.1	9.2	13.8		
54	8.4	6.2	9.4		
68	7.1	5.8	8.8		

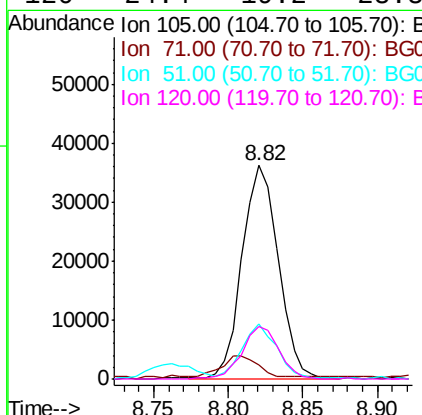
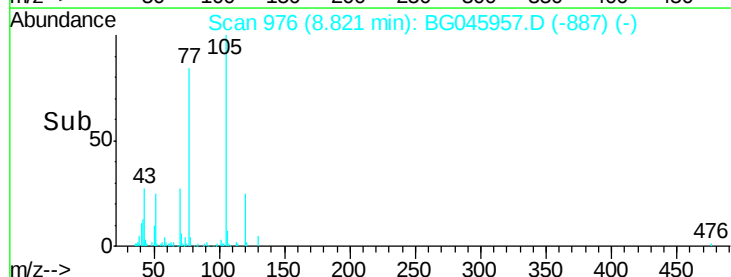
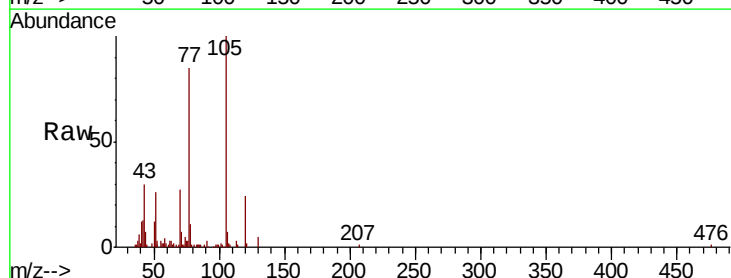
Manual Integrations
APPROVED

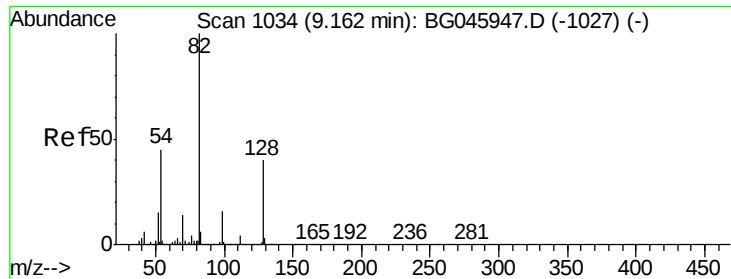
mohammad
7/9/2020 10:55:14 AM



#22
Acetophenone
Concen: 4.190 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		61053		
71	6.6	6.2	9.2		
51	25.8	19.7	29.5		
120	24.4	19.2	28.8		





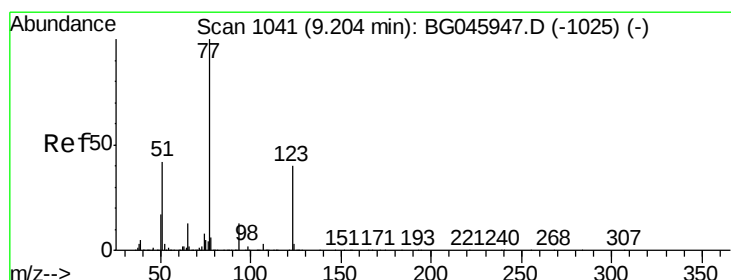
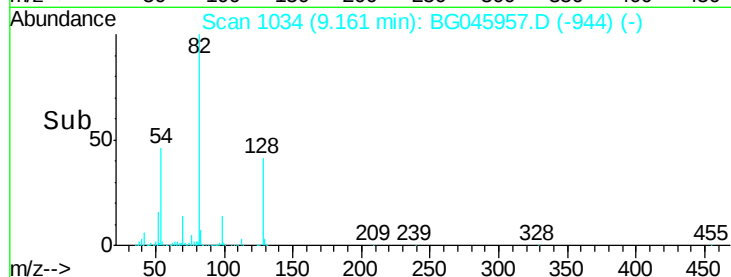
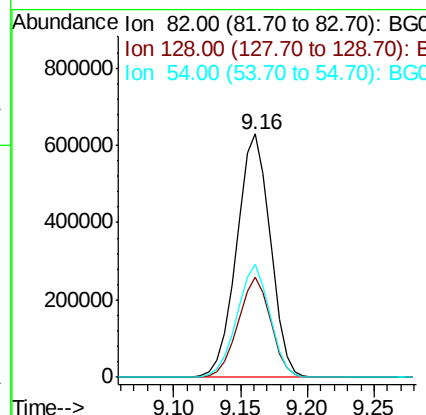
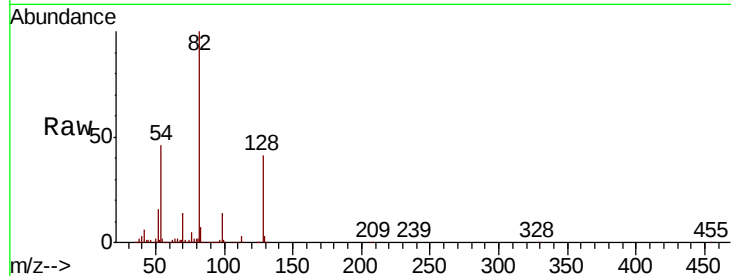
#23
Nitrobenzene-d5
Concen: 115.959 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 82 Resp: 1098786
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.4
54 46.3 35.8 53.6

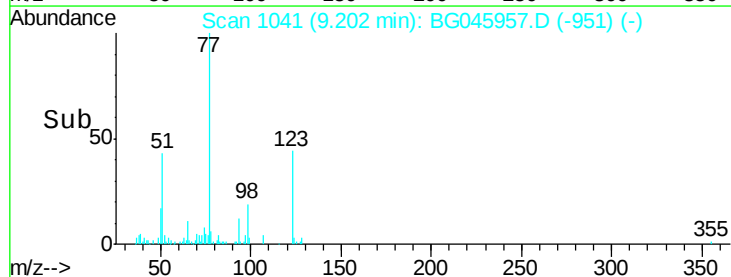
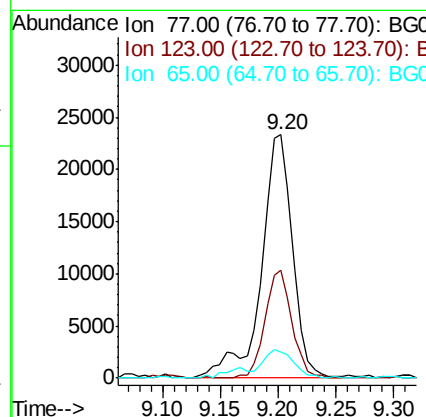
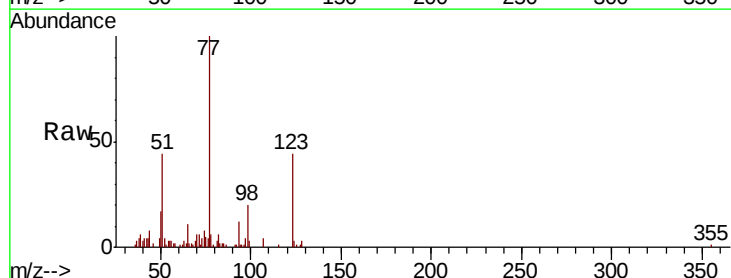
Manual Integrations
APPROVED

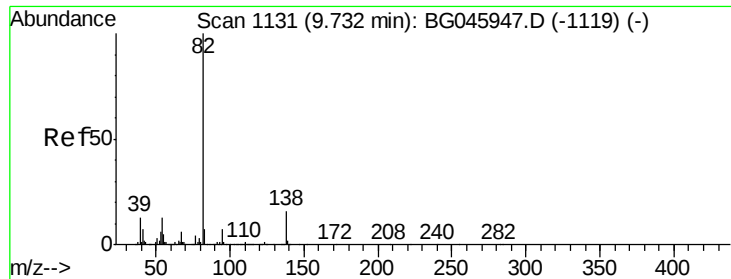
mohammad
7/9/2020 10:55:14 AM



#24
Nitrobenzene
Concen: 4.231 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion: 77 Resp: 44253
Ion Ratio Lower Upper
77 100
123 44.1 32.7 49.1
65 10.7 10.2 15.4





#25

Isophorone

Concen: 3.776 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

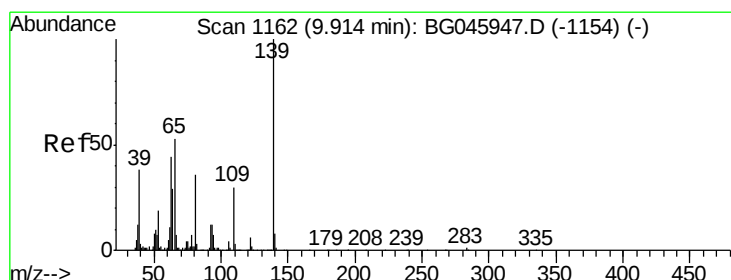
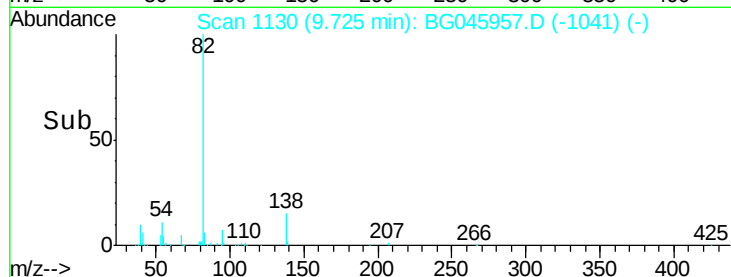
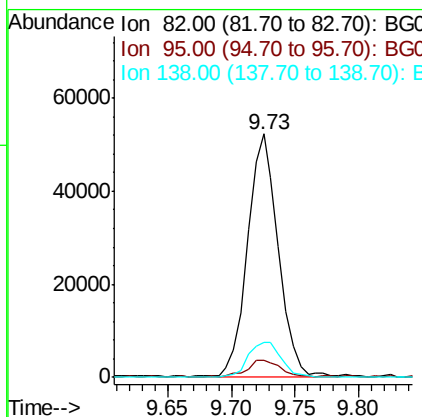
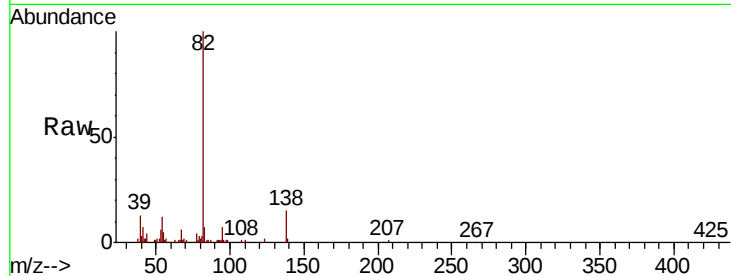
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	82	Resp:	87344
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.8	8.6
138	14.6	12.9	19.3

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



#26

2-Nitrophenol

Concen: 3.354 ng

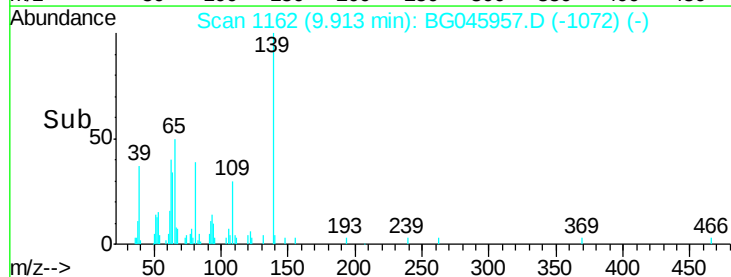
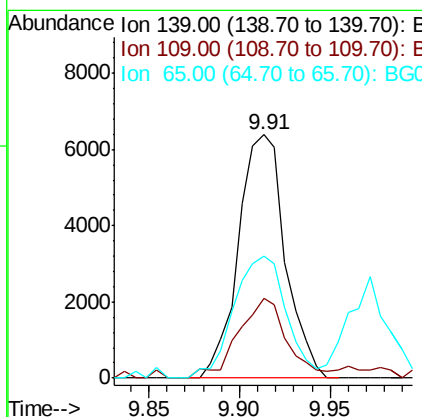
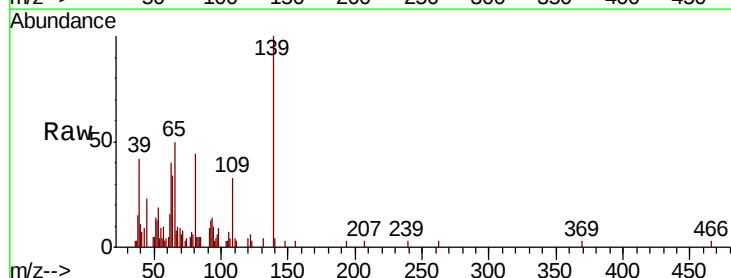
RT: 9.91 min Scan# 1162

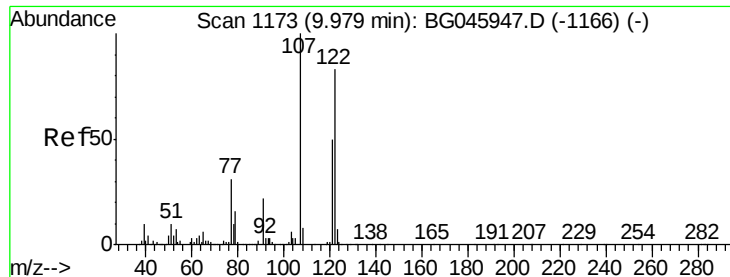
Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	139	Resp:	11435
Ion Ratio	Lower	Upper	
139	100		
109	33.0	24.6	37.0
65	50.3	42.6	64.0





#27

2,4-Dimethylphenol

Concen: 3.874 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

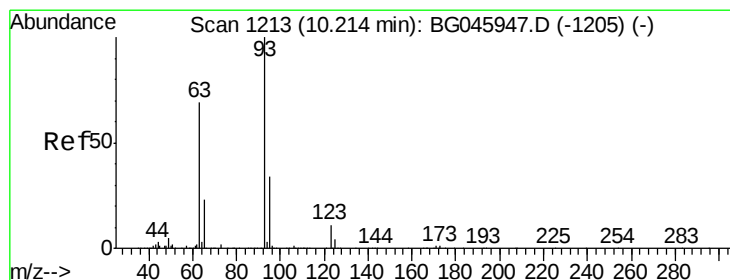
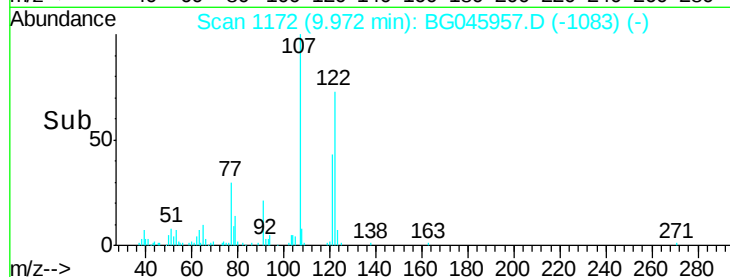
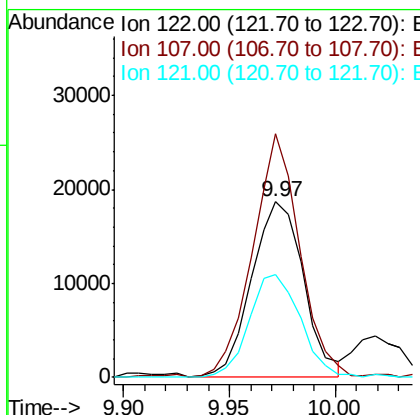
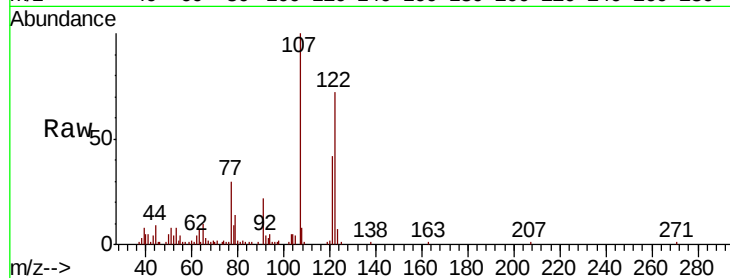
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	122	Resp:	31896
Ion Ratio	Lower	Upper	
122	100		
107	138.6	95.6	143.4
121	58.4	47.7	71.5

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



#28

bis(2-Chloroethoxy)methane

Concen: 3.862 ng

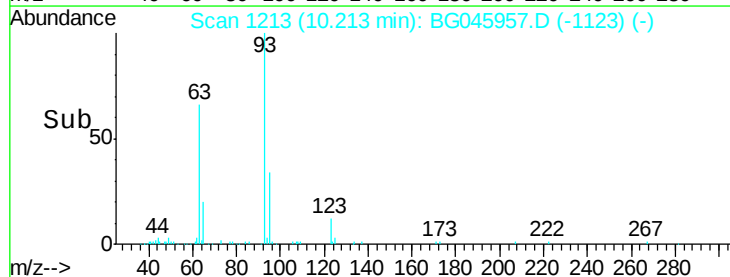
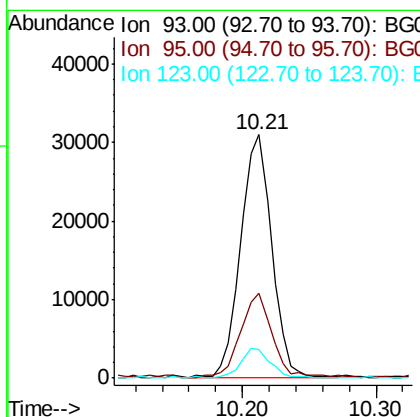
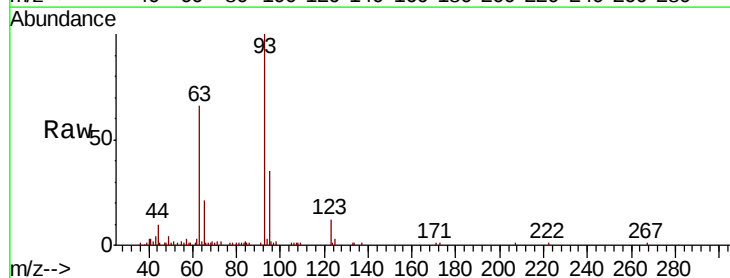
RT: 10.21 min Scan# 1213

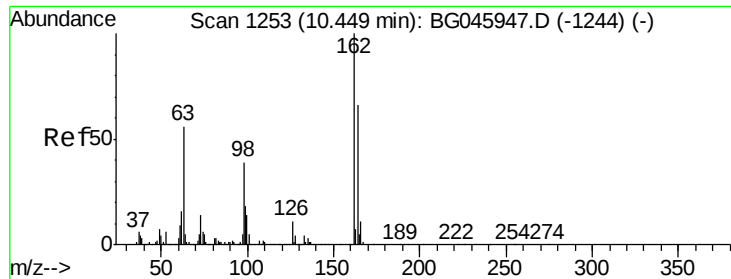
Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	93	Resp:	50162
Ion Ratio	Lower	Upper	
93	100		
95	34.7	27.5	41.3
123	11.7	9.2	13.8





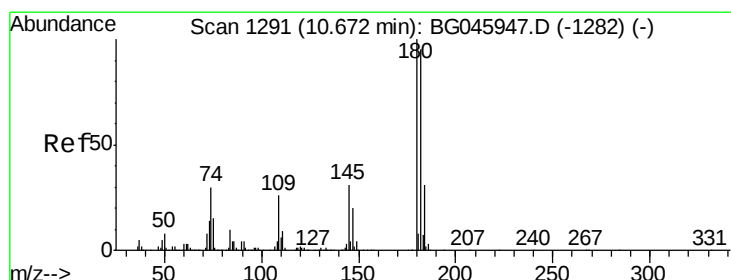
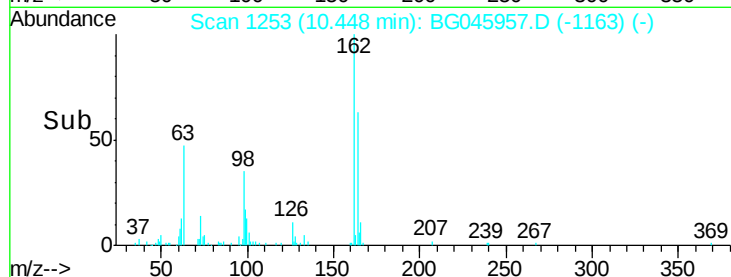
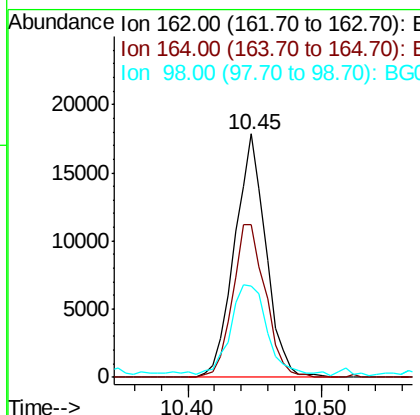
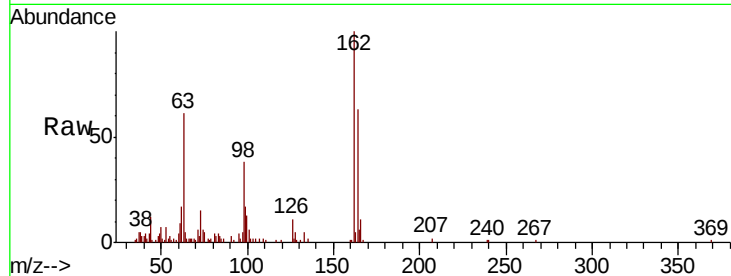
#29
 2,4-Dichlorophenol
 Concen: 3.403 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	46.0	86.0
98	37.7	19.2	59.2

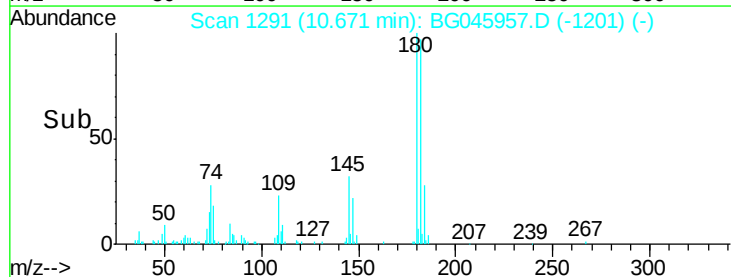
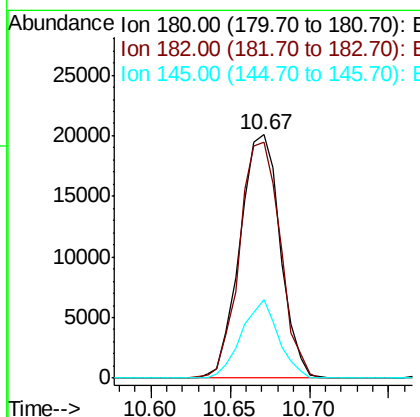
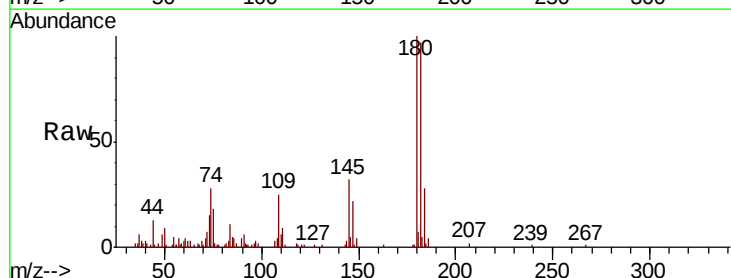
Manual Integrations
 APPROVED

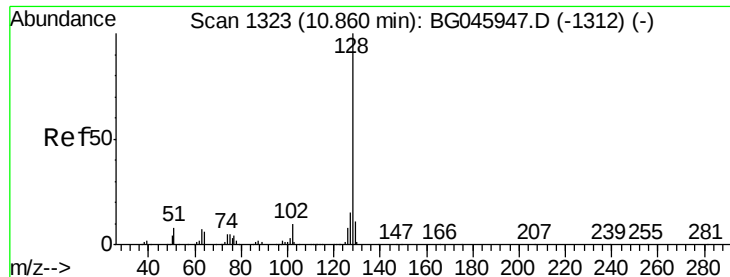
mohammad
 7/9/2020 10:55:14 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 3.761 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.3	114.5
145	32.2	24.8	37.2





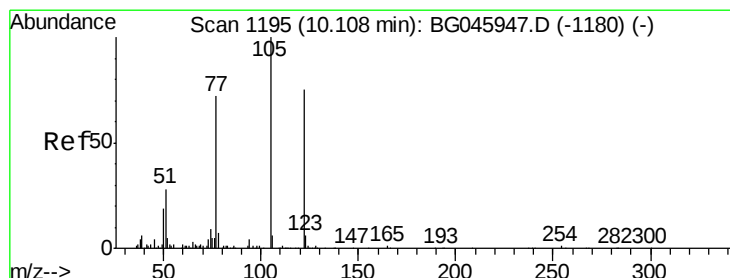
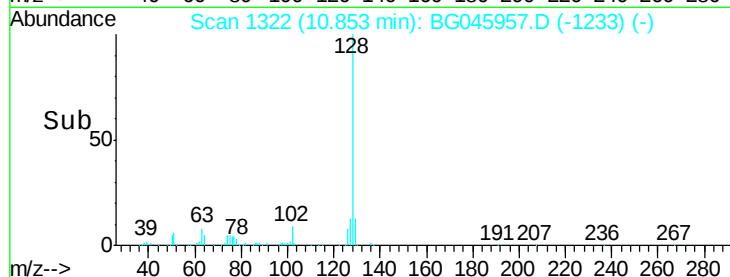
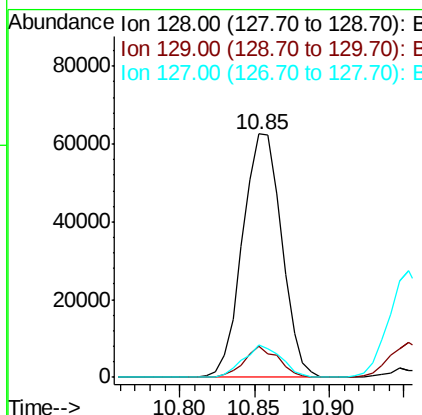
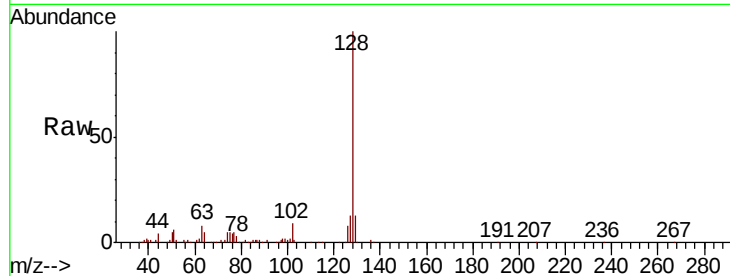
#31
Naphthalene
Concen: 3.886 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.2	13.8
127	13.2	11.8	17.6

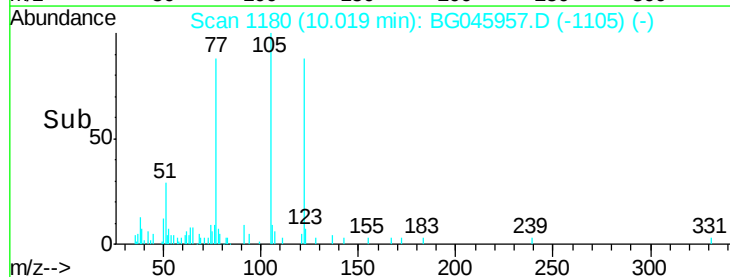
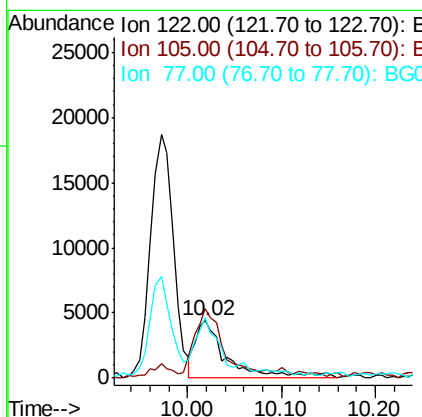
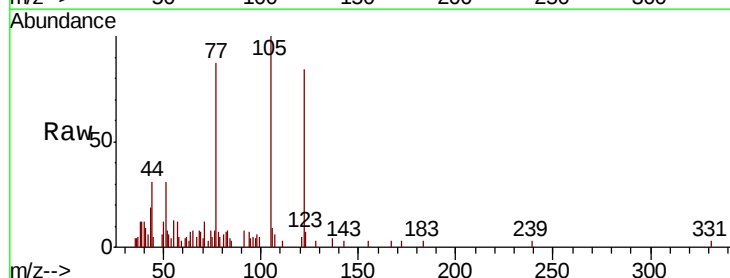
Manual Integrations
APPROVED

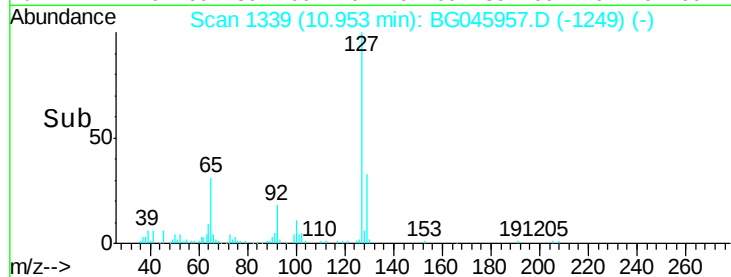
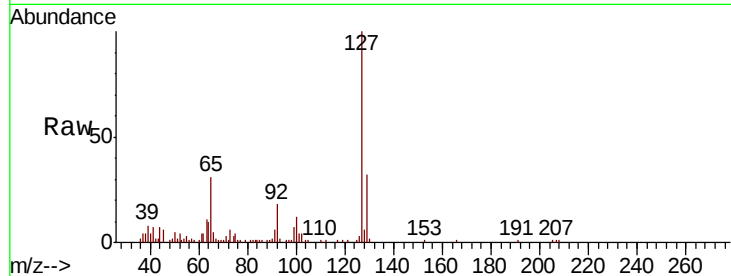
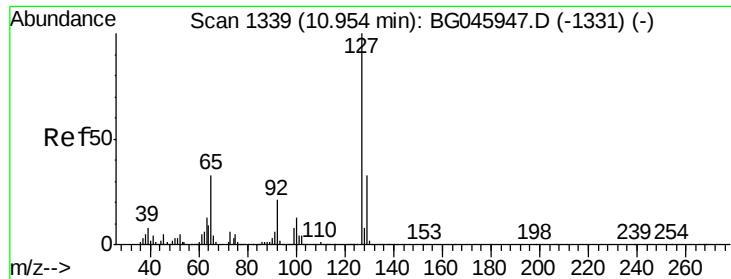
mohammad
7/9/2020 10:55:14 AM



#32
Benzoic acid
Concen: 2.319 ng m
RT: 10.02 min Scan# 1180
Delta R.T. -0.09 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.5	110.8	150.8
77	104.1	76.4	116.4





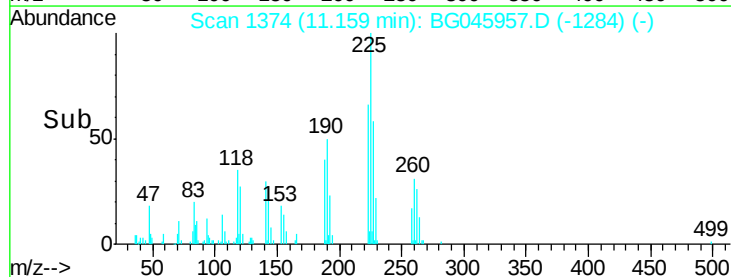
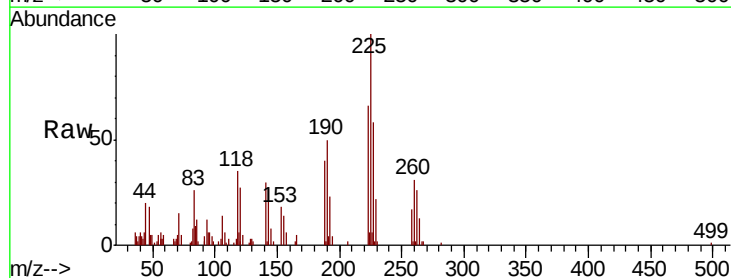
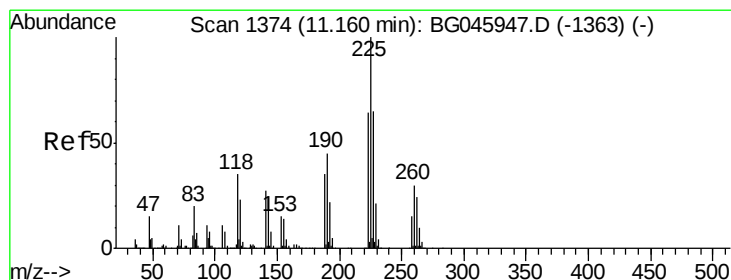
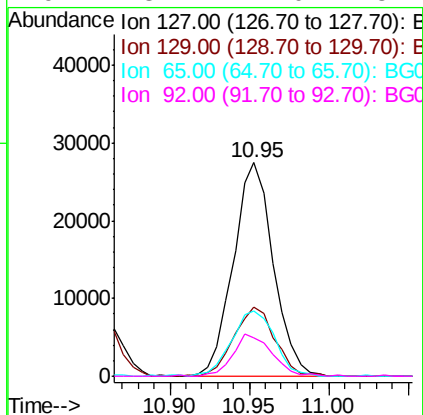
#33
4-Chloroaniline
Concen: 3.673 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		47988		
129	32.4	26.6	39.8		
65	30.5	26.8	40.2		
92	18.2	17.0	25.4		

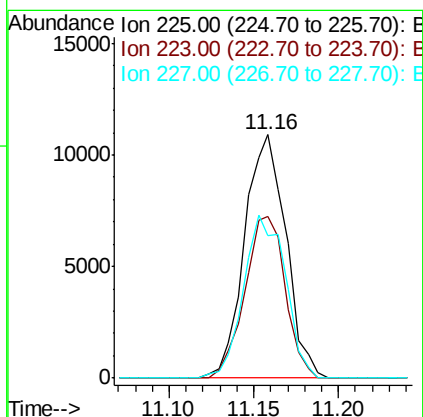
Manual Integrations
APPROVED

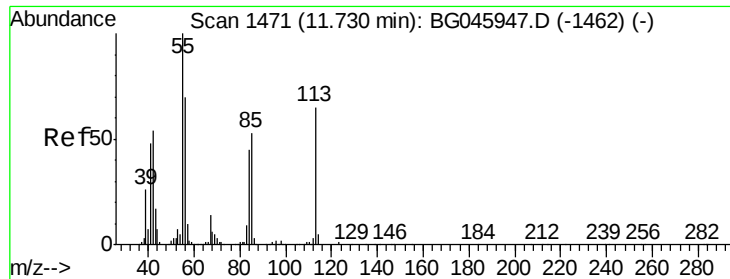
mohammad
7/9/2020 10:55:14 AM



#34
Hexachlorobutadiene
Concen: 3.341 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		18426		
223	66.2	51.2	76.8		
227	58.4	52.3	78.5		





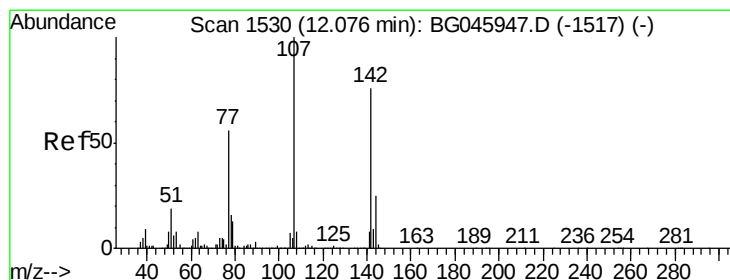
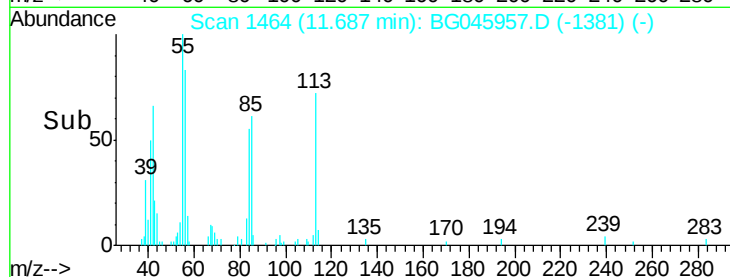
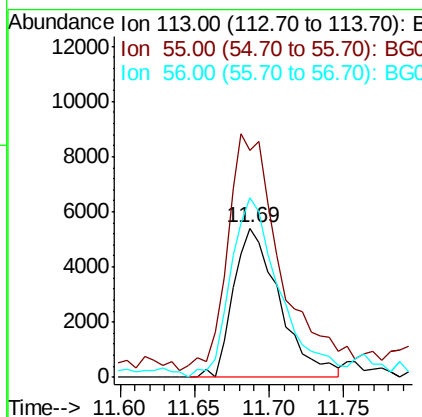
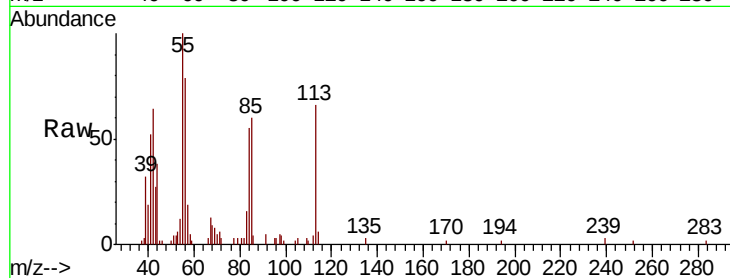
#35
Caprolactam
Concen: 3.598 ng
RT: 11.69 min Scan# 1464
Delta R.T. -0.04 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.6	141.6	181.6
56	120.2	89.6	129.6

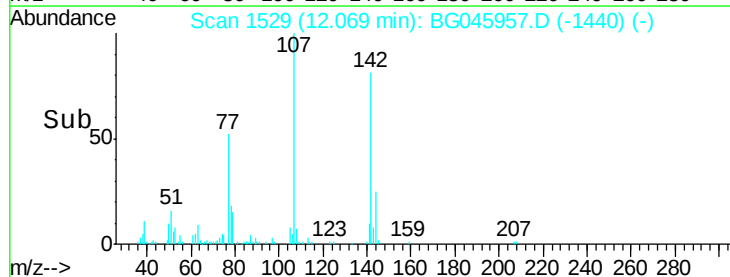
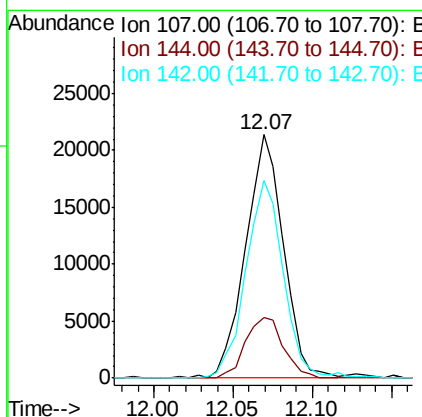
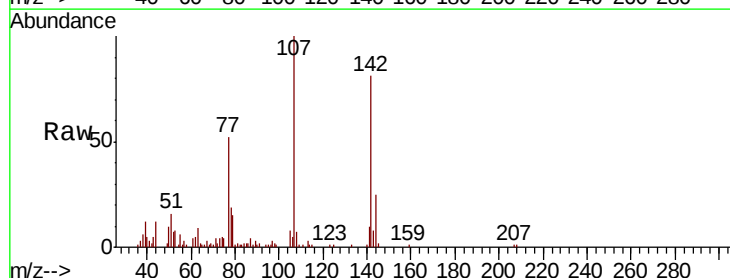
Manual Integrations
APPROVED

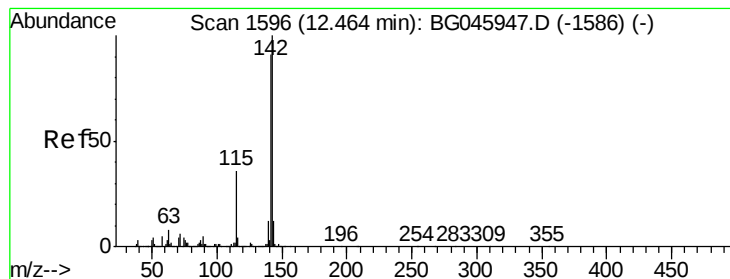
mohammad
7/9/2020 10:55:14 AM



#36
4-Chloro-3-methylphenol
Concen: 3.649 ng
RT: 12.07 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.0	30.0
142	81.0	61.1	91.7





#37

2-Methylnaphthalene

Concen: 3.915 ng

RT: 12.46 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:142 Resp: 81379

Ion Ratio Lower Upper

142 100

141 93.2 73.0 109.6

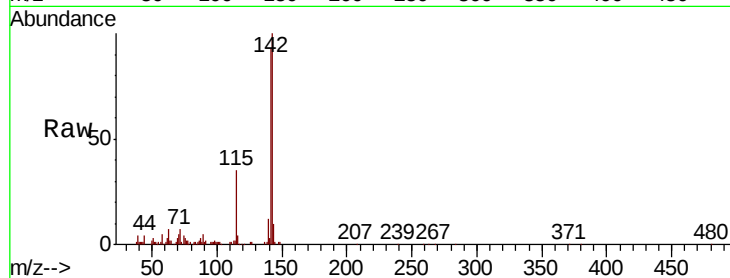
115 35.0 28.8 43.2

Manual Integrations

APPROVED

mohammad

7/9/2020 10:55:14 AM

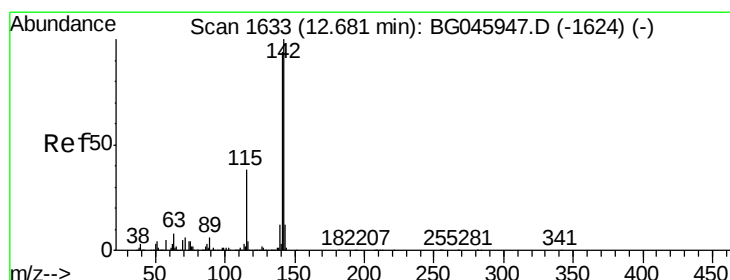
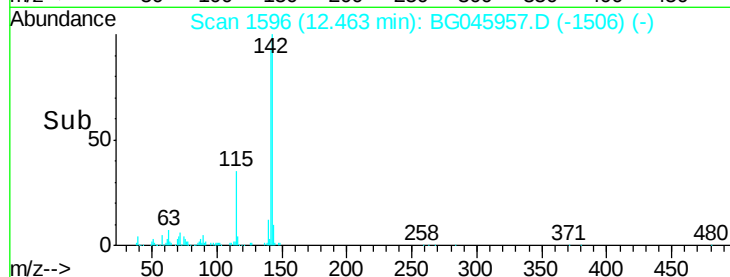
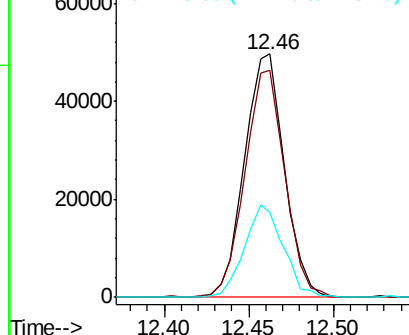


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 3.985 ng

RT: 12.67 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

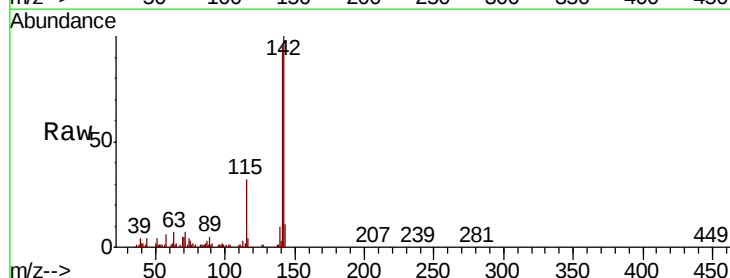
Tgt Ion:142 Resp: 78167

Ion Ratio Lower Upper

142 100

141 94.8 75.2 112.8

116 3.7 3.1 4.7

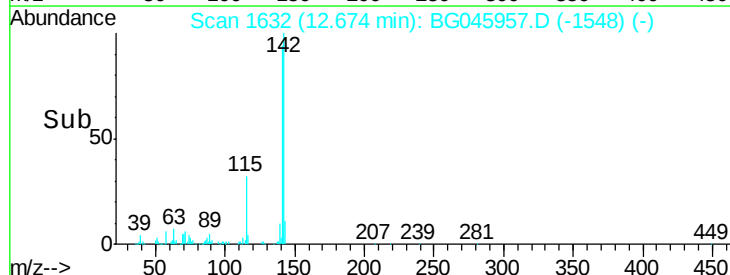
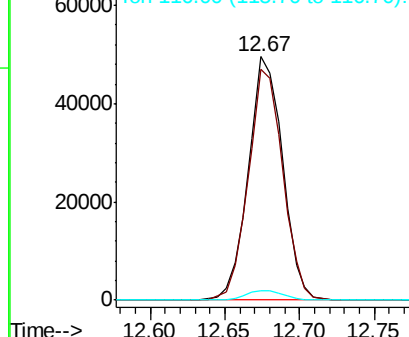


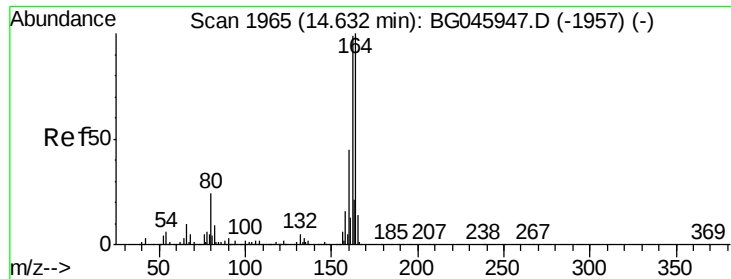
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





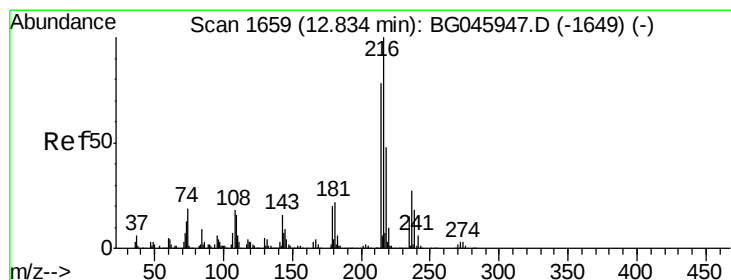
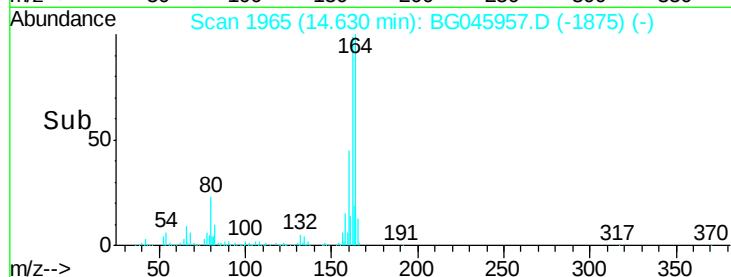
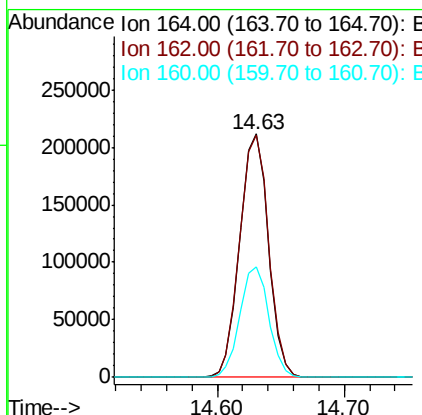
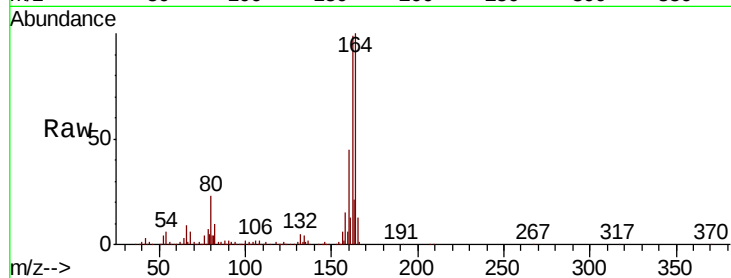
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.3	118.9
160	45.3	35.7	53.5

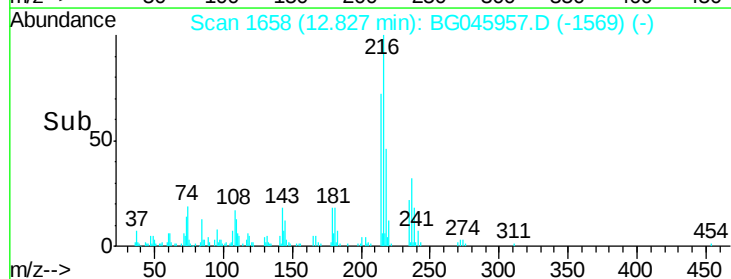
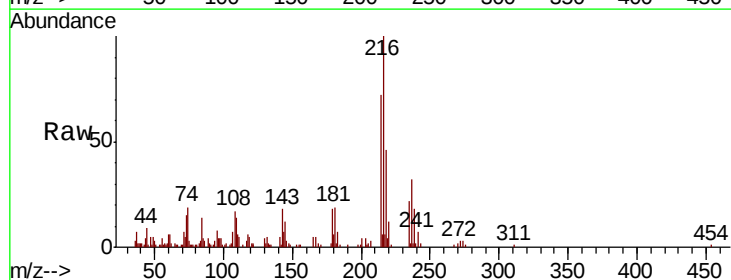
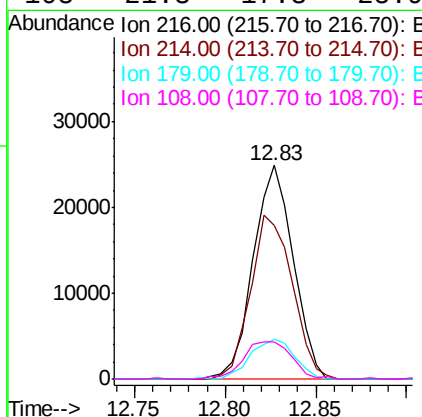
Manual Integrations
APPROVED

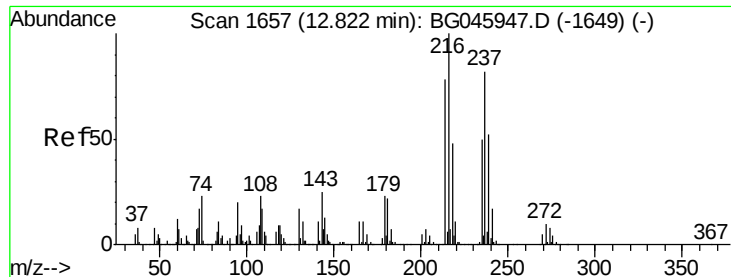
mohammad
7/9/2020 10:55:14 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.100 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	20.6	17.0	25.6
108	21.3	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 3.535 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

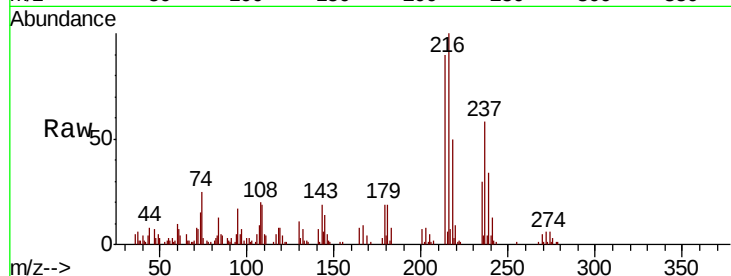
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

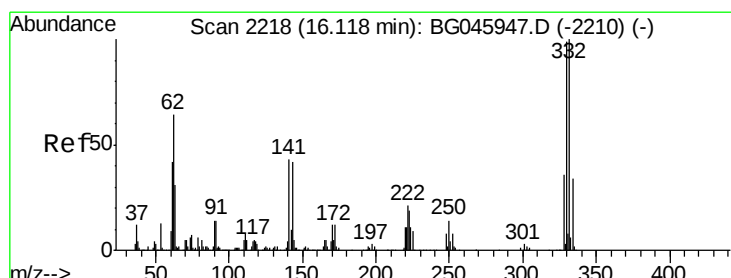
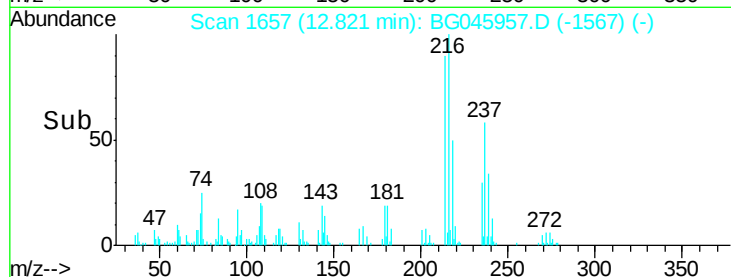
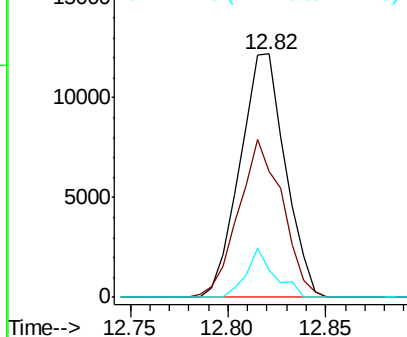
Tot Ion:	237	Resp:	19591
Ion Ratio	Lower	Upper	
237	100		
235	51.5	41.5	81.5
272	11.1	0.0	31.7

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



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: 115.934 ng

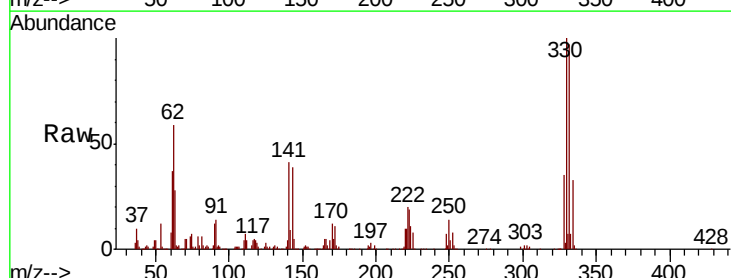
RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

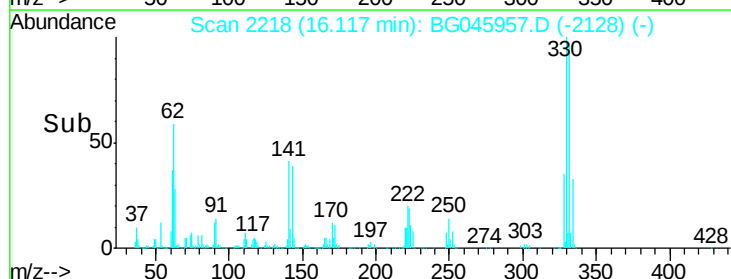
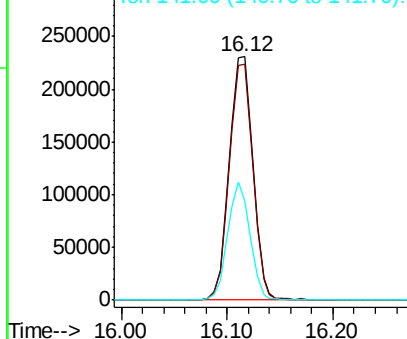
Lab File: BG045957.D

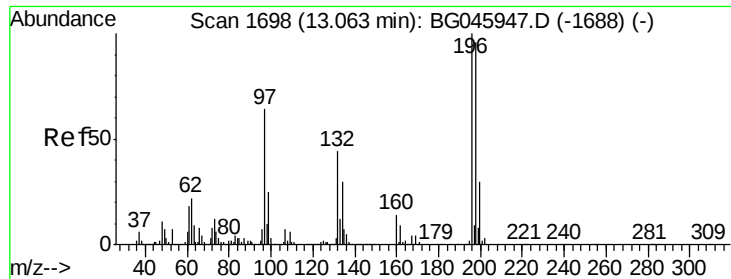
Acq: 7 Jul 2020 11:44

Tgt Ion:	330	Resp:	356550
Ion Ratio	Lower	Upper	
330	100		
332	96.7	78.3	117.5
141	45.3	36.6	54.8



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





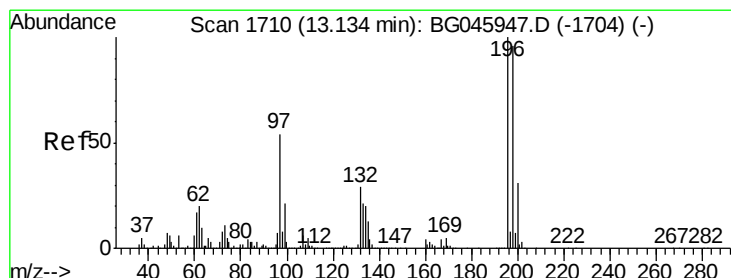
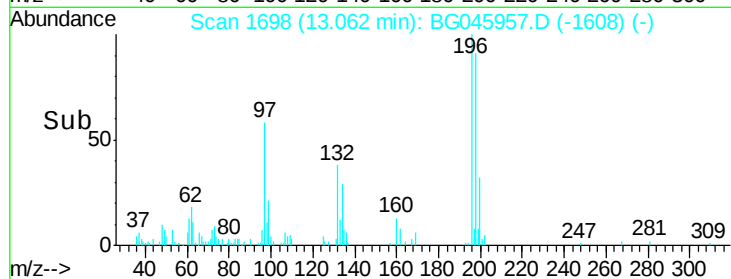
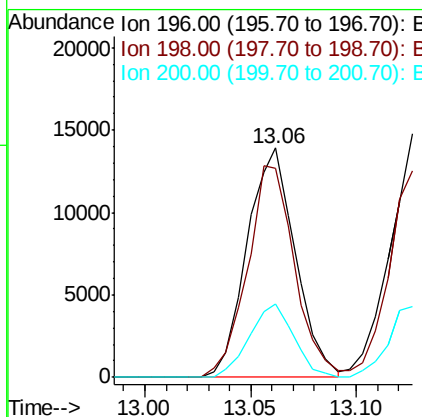
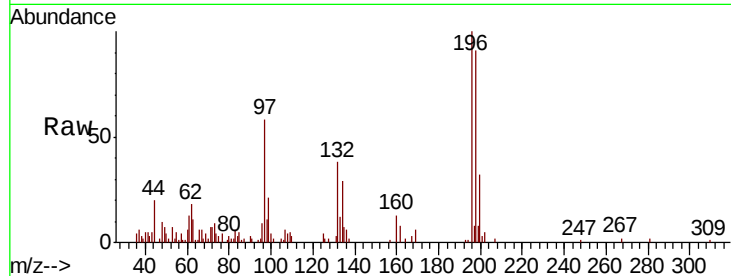
#43
 2,4,6-Trichlorophenol
 Concen: 3.478 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.1	76.7	115.1
200	31.8	24.3	36.5

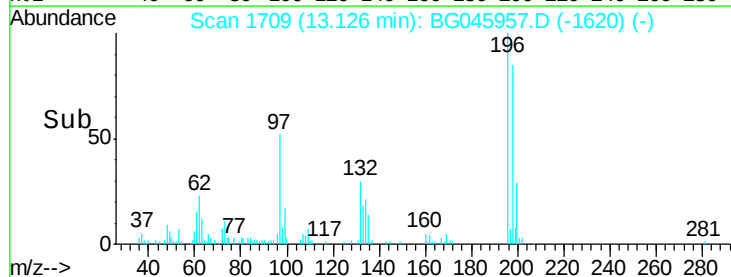
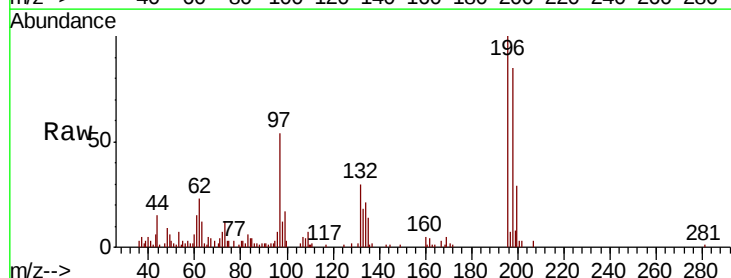
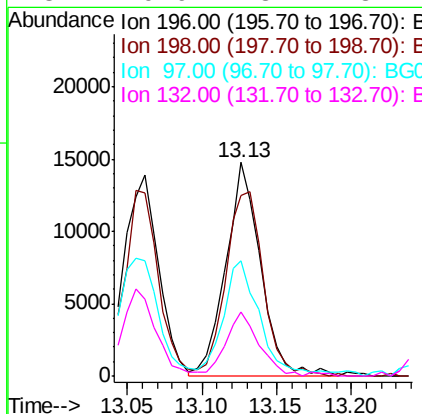
Manual Integrations
 APPROVED

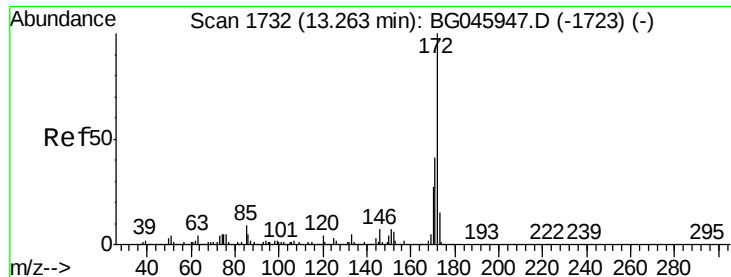
mohammad
 7/9/2020 10:55:14 AM



#44
 2,4,5-Trichlorophenol
 Concen: 3.375 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	84.7	77.0	115.6
97	53.7	44.3	66.5
132	29.9	23.1	34.7





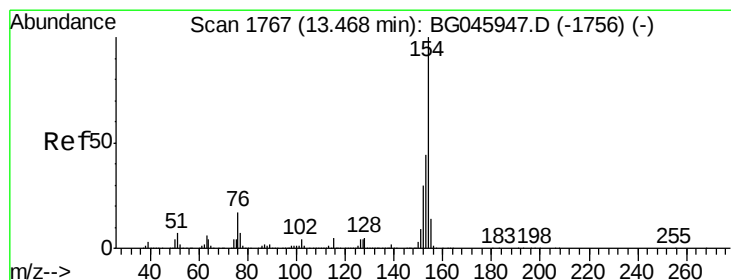
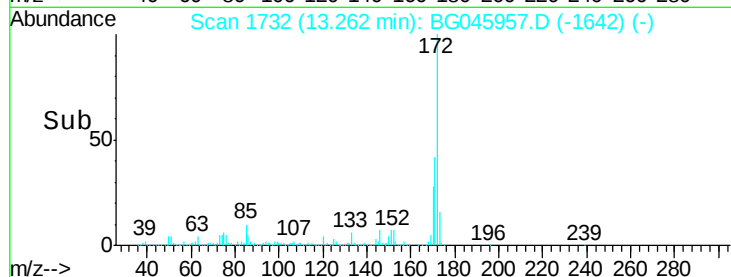
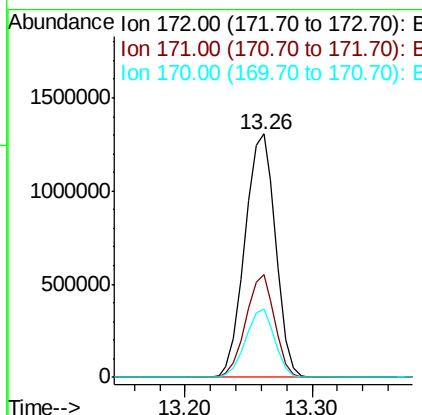
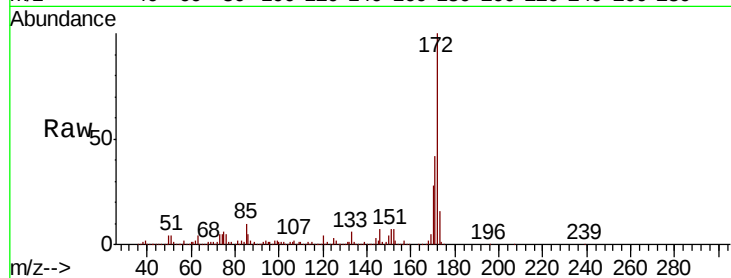
#45
2-Fluorobiphenyl
Concen: 103.130 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.4	32.9	49.3
170	28.0	21.8	32.6

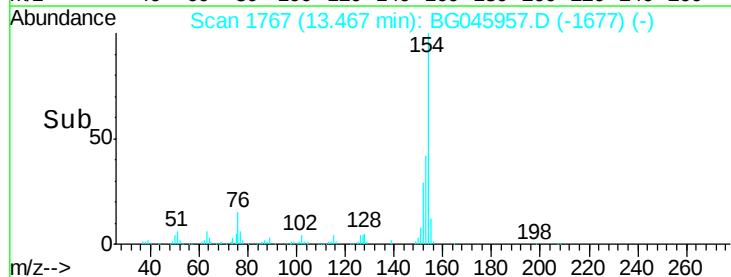
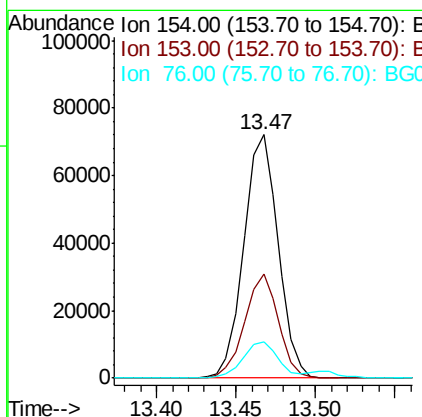
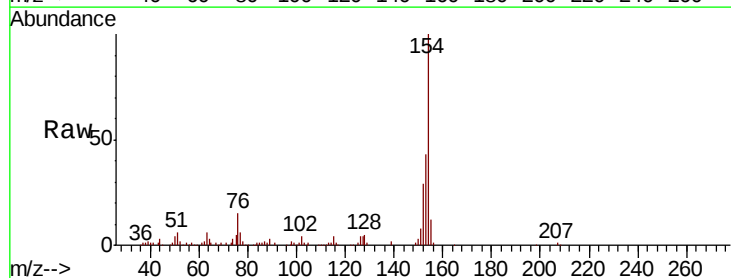
Manual Integrations
APPROVED

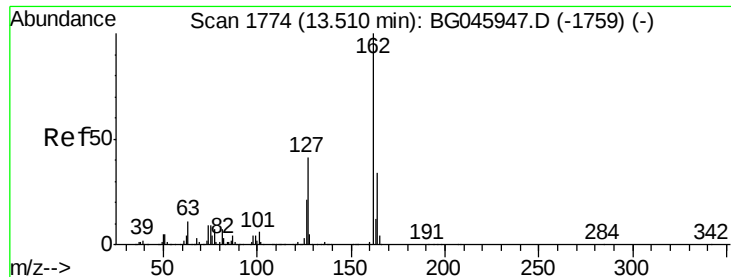
mohammad
7/9/2020 10:55:14 AM



#46
1,1'-Biphenyl
Concen: 4.352 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.6	63.6
76	14.7	0.0	36.9





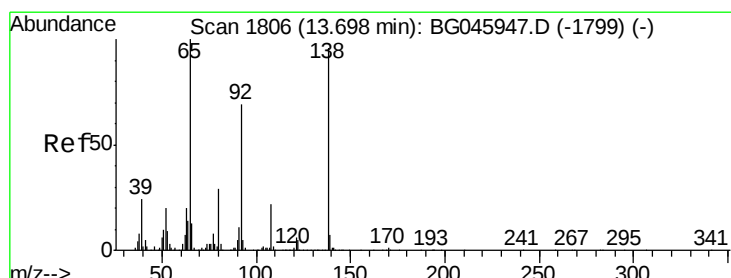
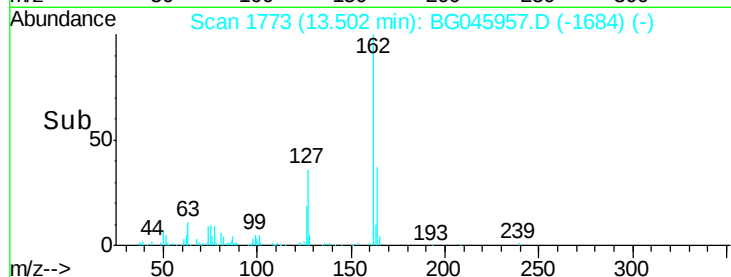
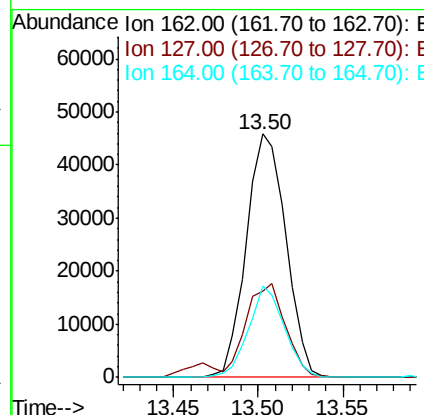
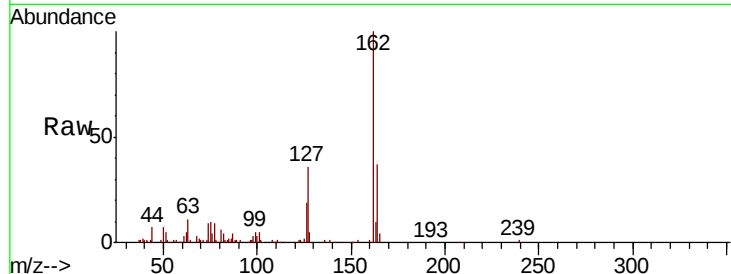
#47
 2-Chloronaphthalene
 Concen: 3.806 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.7	32.5	48.7
164	37.5	27.2	40.8

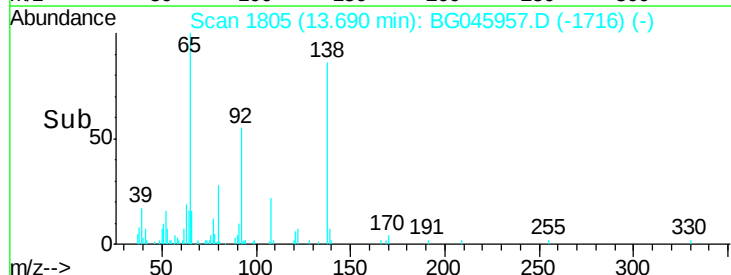
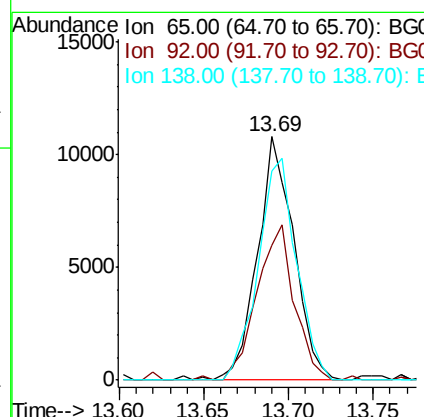
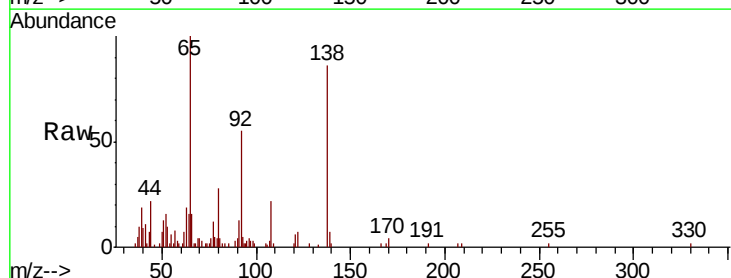
Manual Integrations
 APPROVED

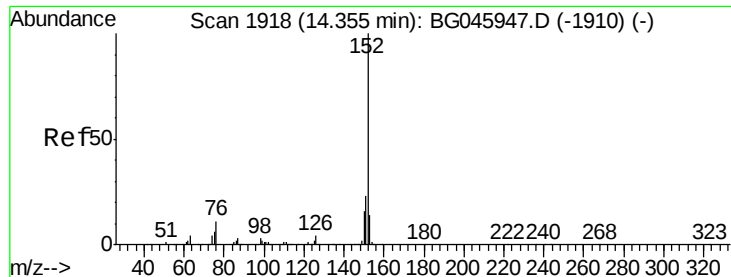
mohammad
 7/9/2020 10:55:14 AM



#48
 2-Nitroaniline
 Concen: 3.505 ng
 RT: 13.69 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	55.2	55.4	83.0#
138	85.7	77.0	115.4





#49

Acenaphthylene

Concen: 4.081 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

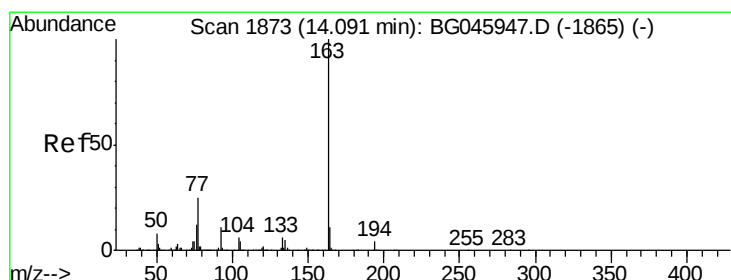
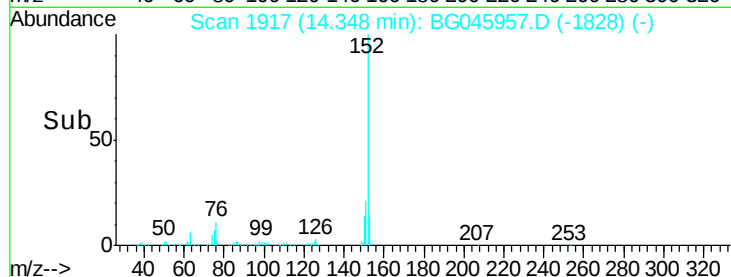
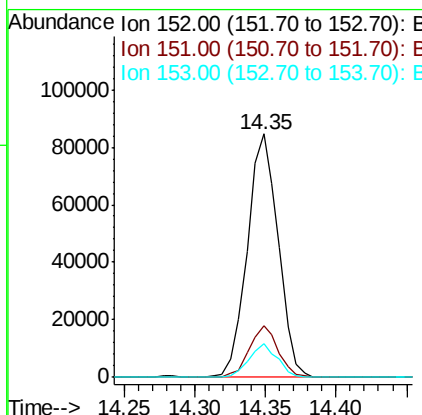
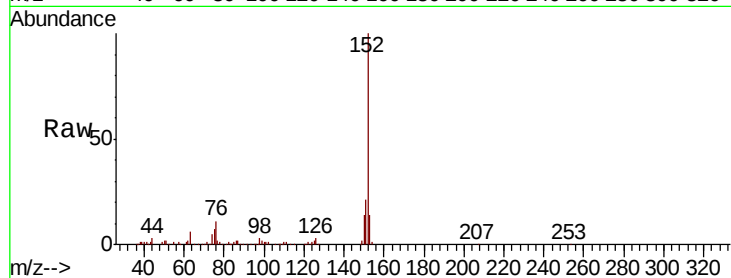
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	152	Resp:	129495
Ion Ratio	Lower	Upper	
152	100		
151	21.2	18.1	27.1
153	13.8	11.5	17.3

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



#50

Dimethylphthalate

Concen: 3.766 ng

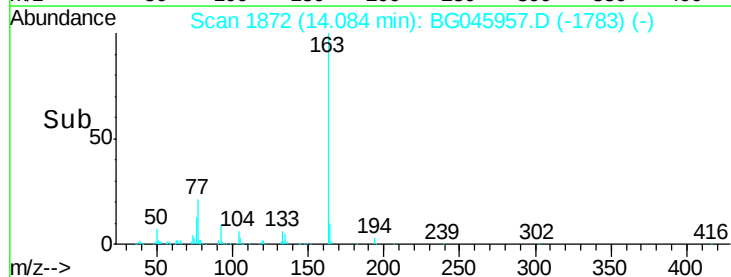
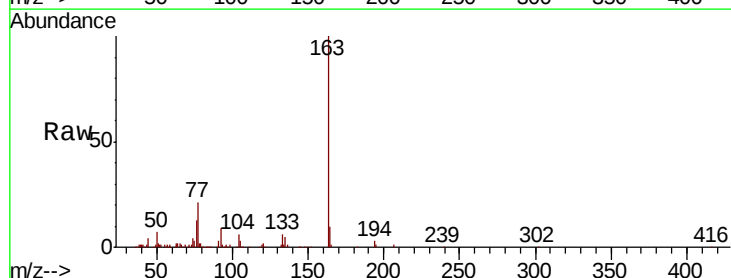
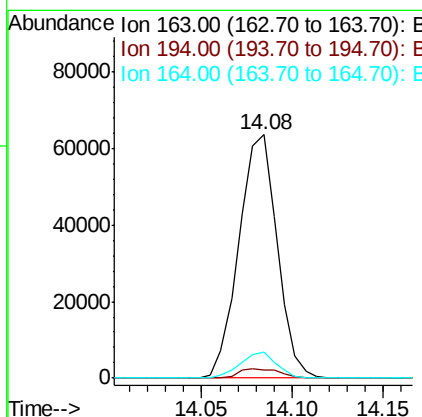
RT: 14.08 min Scan# 1872

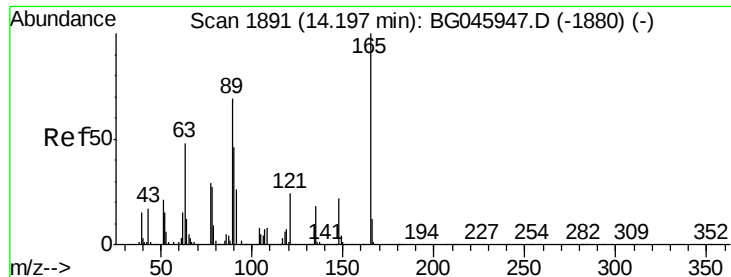
Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	163	Resp:	93651
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.6	5.4#
164	10.5	8.9	13.3





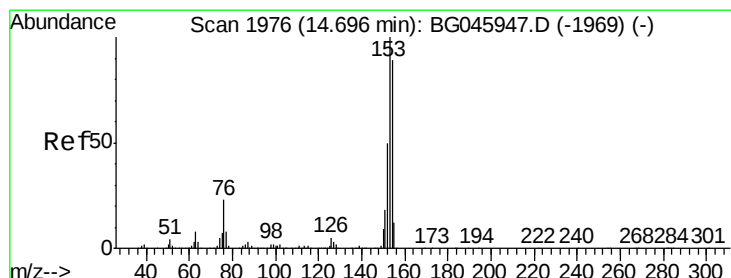
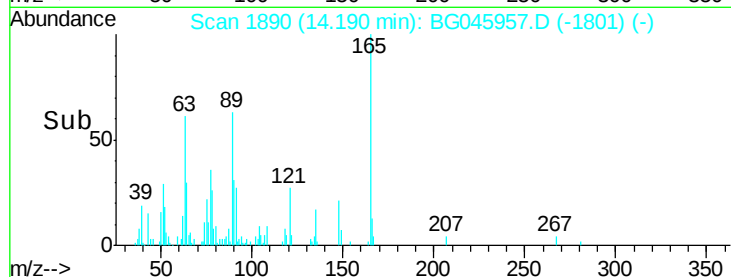
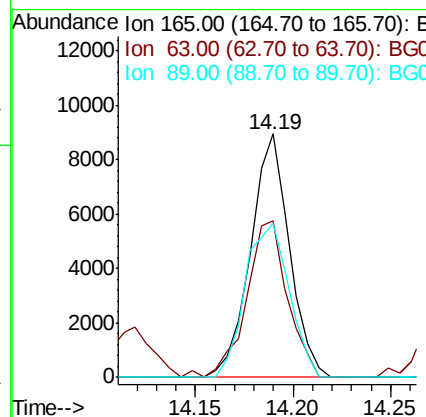
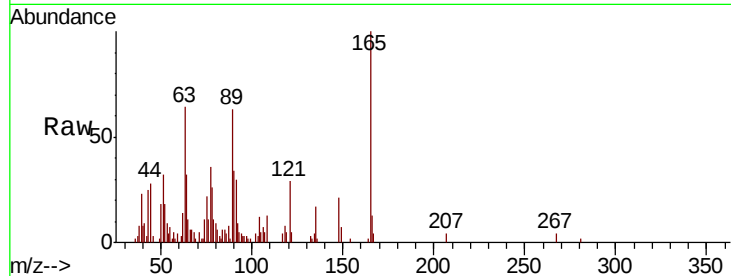
#51
 2,6-Dinitrotoluene
 Concen: 3.191 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.5	51.0	76.4
89	63.1	55.7	83.5

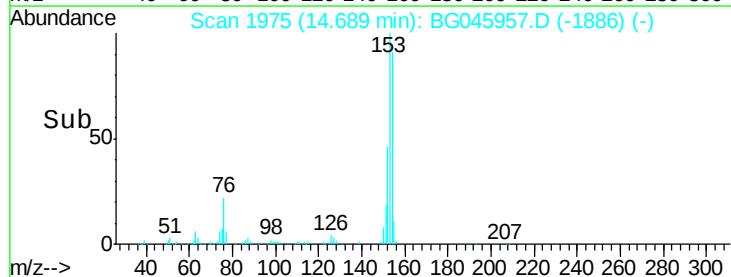
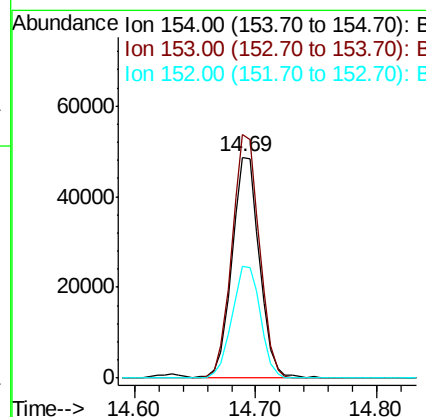
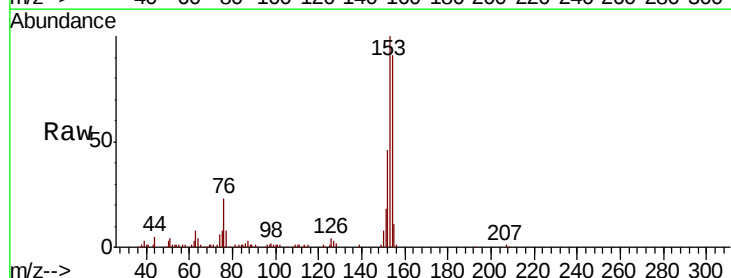
Manual Integrations
 APPROVED

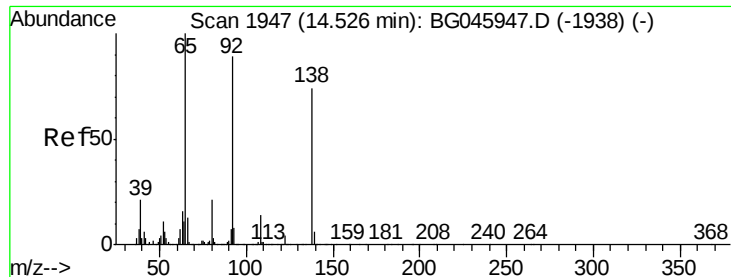
mohammad
 7/9/2020 10:55:14 AM



#52
 Acenaphthene
 Concen: 3.839 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.7	134.5
152	50.9	44.7	67.1





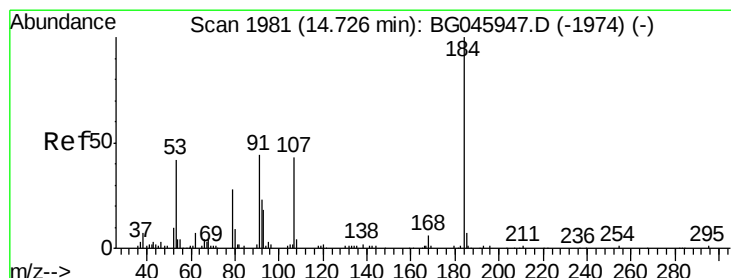
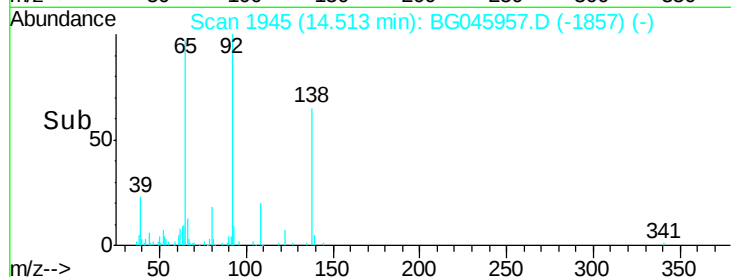
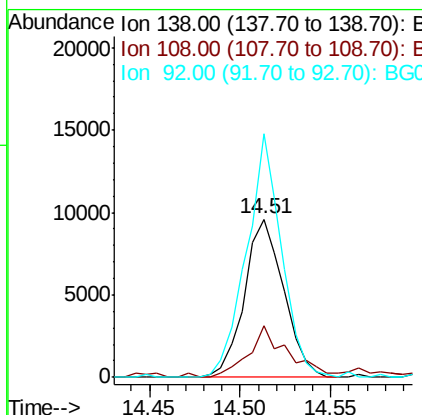
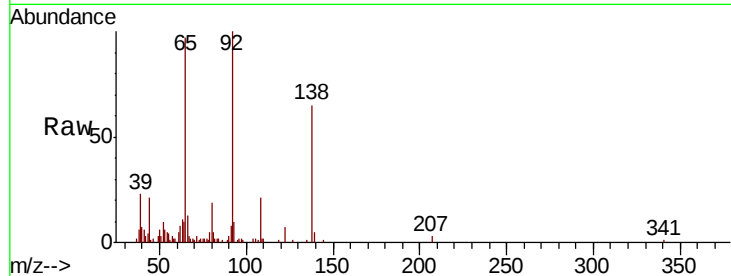
#53
3-Nitroaniline
Concen: 3.028 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	32.5	15.4	23.2#
92	153.9	95.9	143.9#

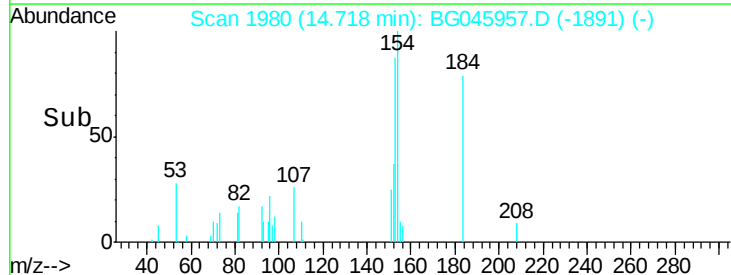
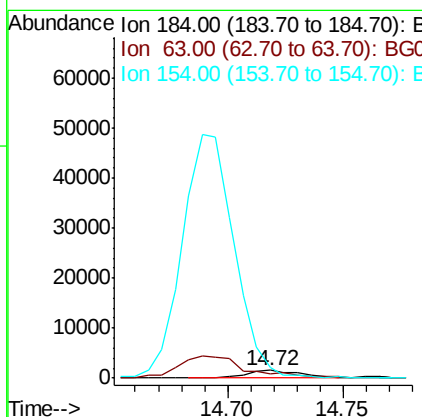
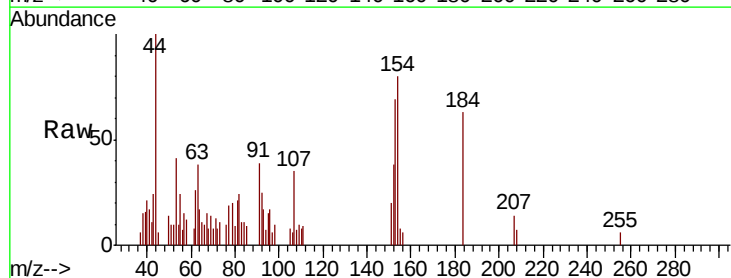
Manual Integrations
APPROVED

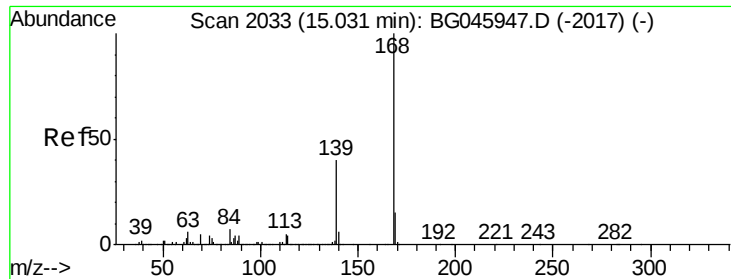
mohammad
7/9/2020 10:55:14 AM



#54
2,4-Dinitrophenol
Concen: 1.879 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.1	46.0	69.0
154	127.3	58.2	87.2#





#55

Dibenzofuran

Concen: 4.023 ng

RT: 15.02 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

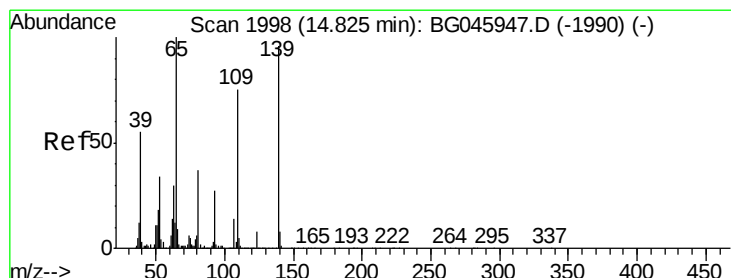
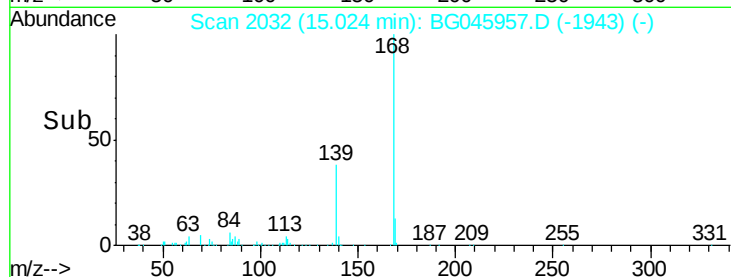
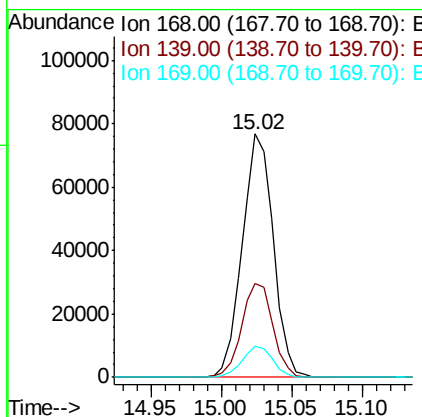
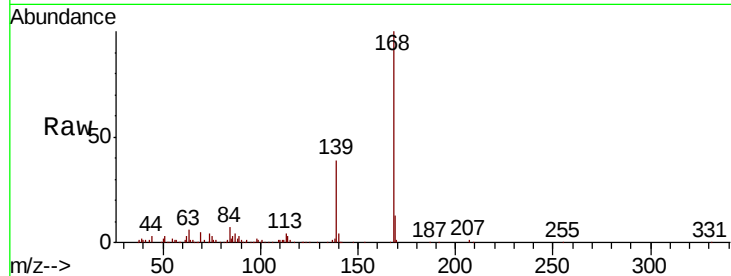
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	168	Resp:	118032
Ion Ratio	Lower	Upper	
168	100		
139	38.8	32.2	48.2
169	12.8	11.8	17.8

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



#56

4-Nitrophenol

Concen: 2.877 ng

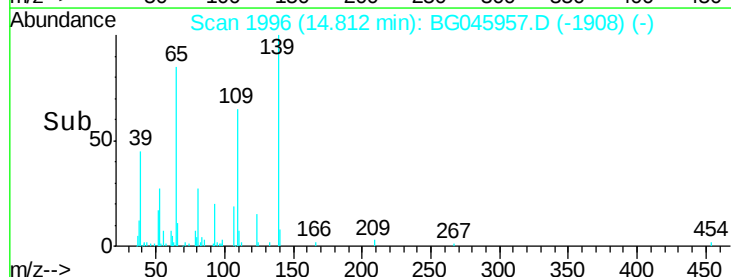
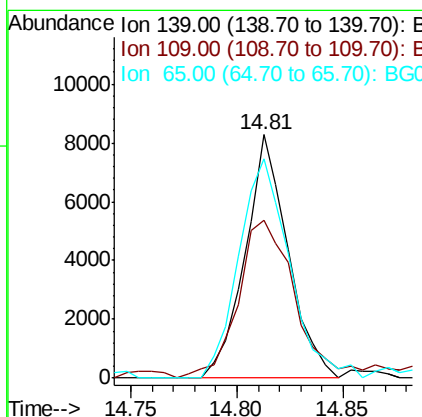
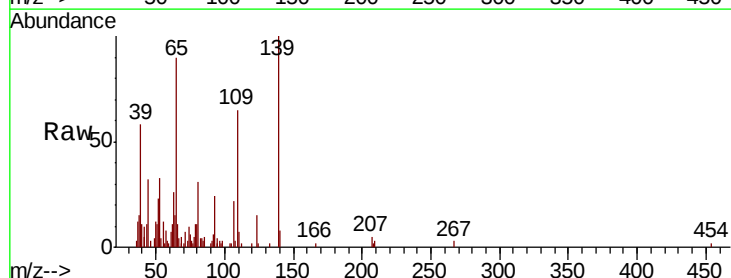
RT: 14.81 min Scan# 1996

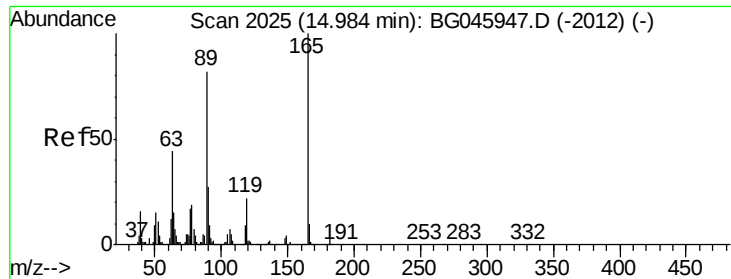
Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	139	Resp:	11655
Ion Ratio	Lower	Upper	
139	100		
109	65.0	58.5	98.5
65	90.0	84.7	124.7





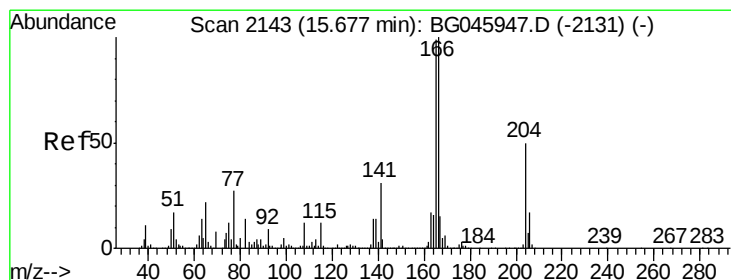
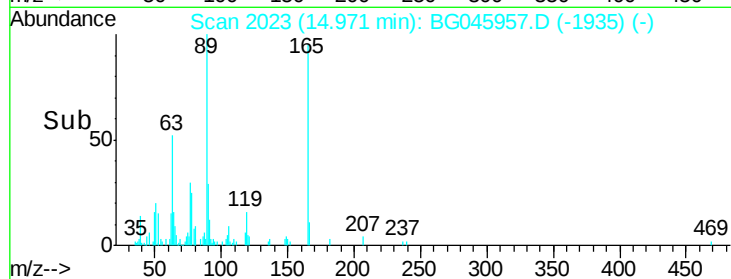
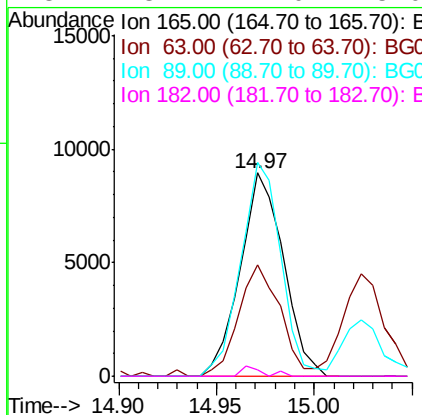
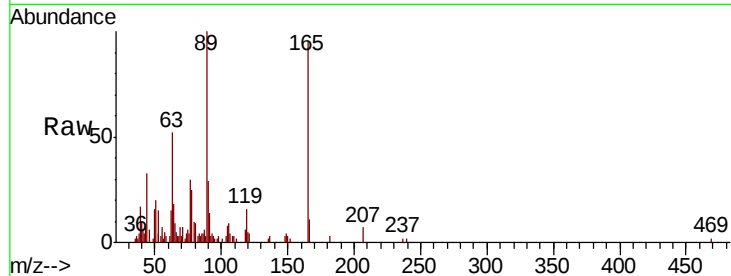
#57
 2,4-Dinitrotoluene
 Concen: 2.886 ng
 RT: 14.97 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	13759		
63	54.9		35.4	53.0#
89	105.1		65.4	98.2#
182	3.2		2.0	3.0#

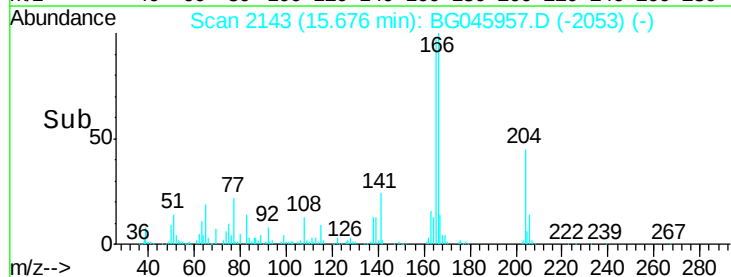
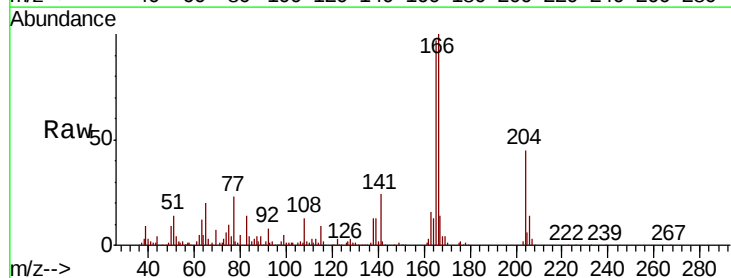
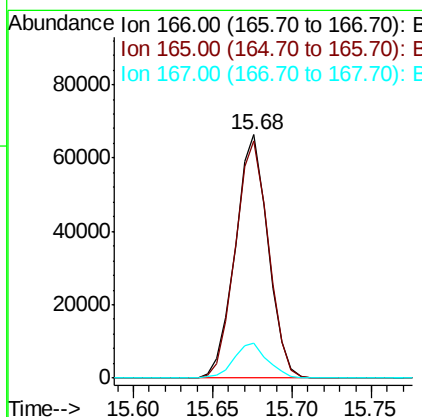
Manual Integrations
 APPROVED

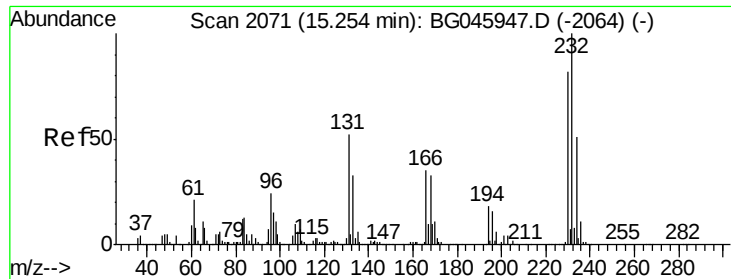
mohammad
 7/9/2020 10:55:14 AM



#58
 Fluorene
 Concen: 3.940 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	94824		
165	97.2		78.9	118.3
167	14.4		12.1	18.1





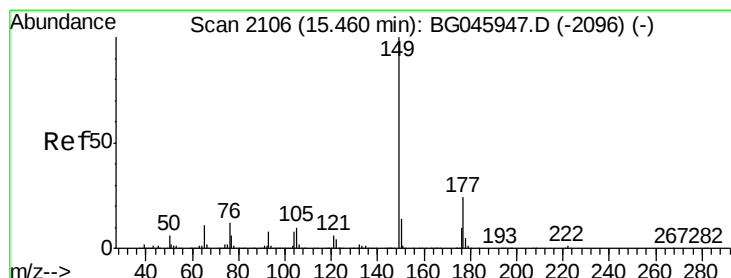
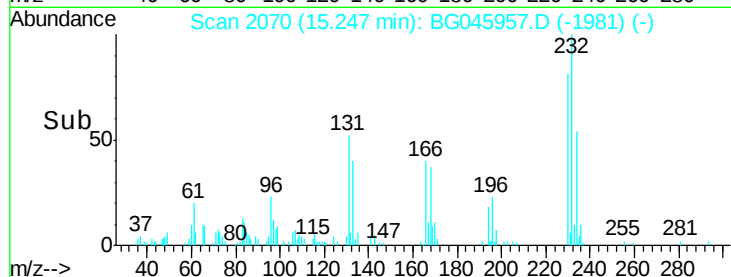
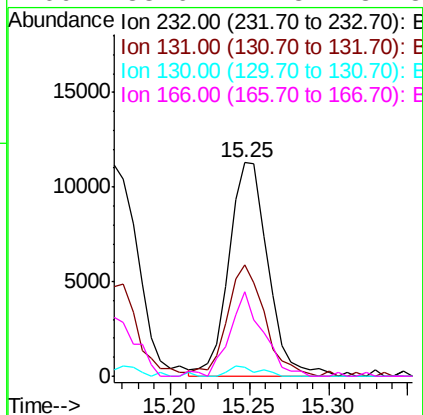
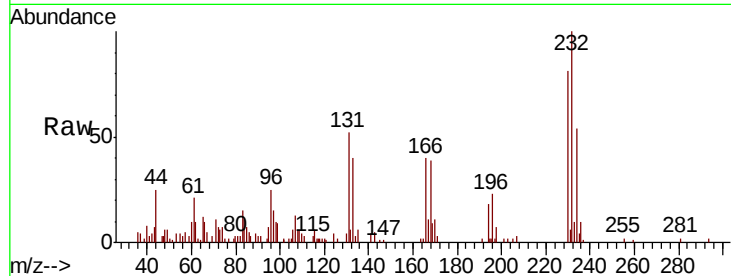
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.505 ng
RT: 15.25 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
232	100	19328		
131	49.8		35.8	53.6
130	3.5		2.5	3.7
166	33.6		21.8	32.8#

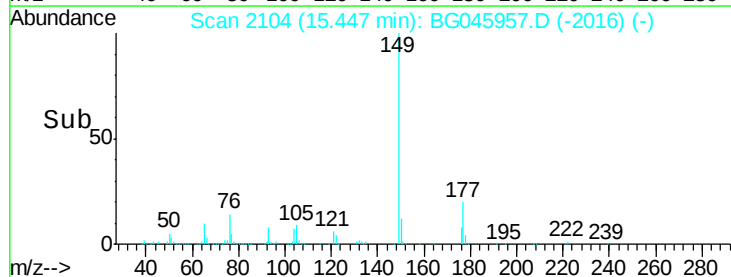
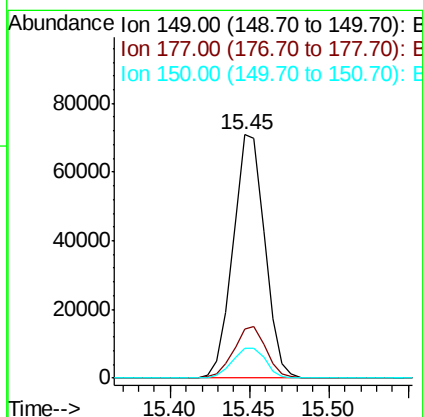
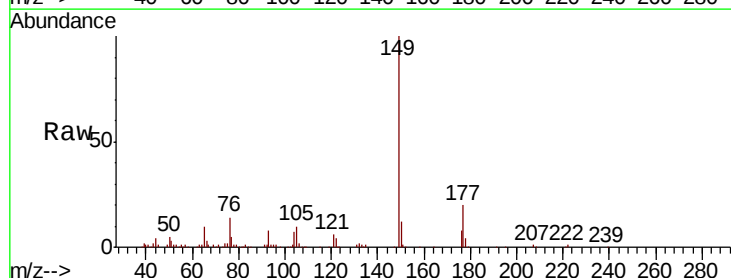
Manual Integrations
APPROVED

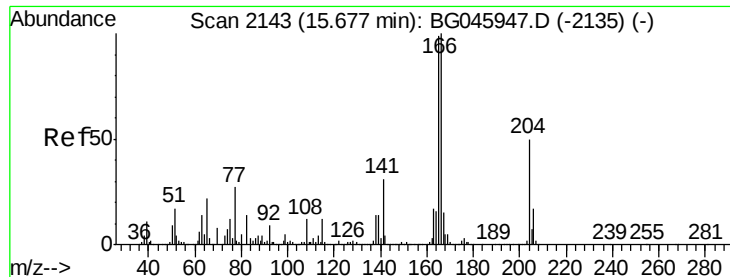
mohammad
7/9/2020 10:55:14 AM



#60
Diethylphthalate
Concen: 3.754 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	97910		
177	20.2		19.0	28.4
150	12.2		11.0	16.4





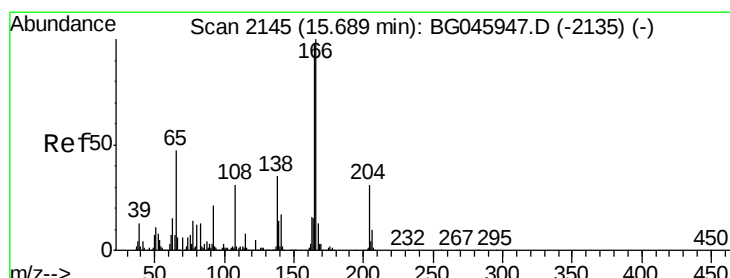
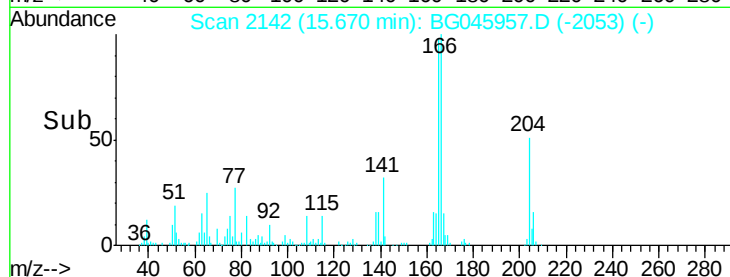
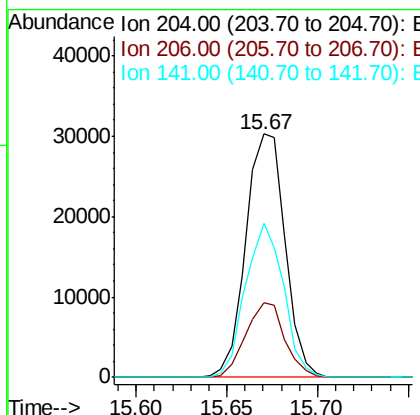
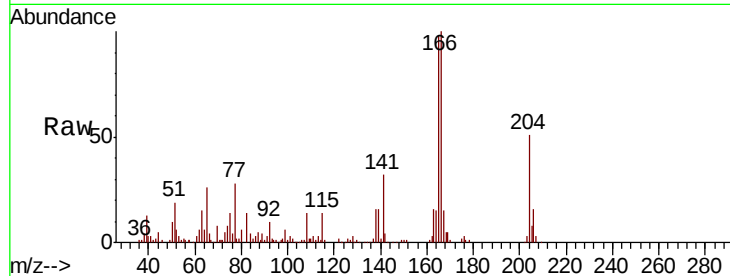
#61
4-Chlorophenyl-phenylether
Concen: 3.825 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	30.5	27.1	40.7
141	63.3	49.8	74.8

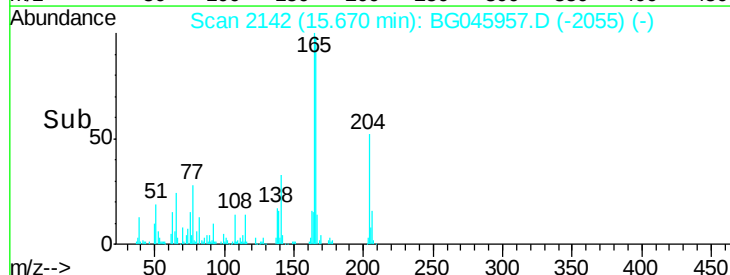
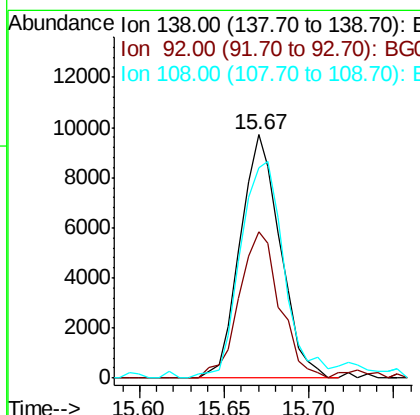
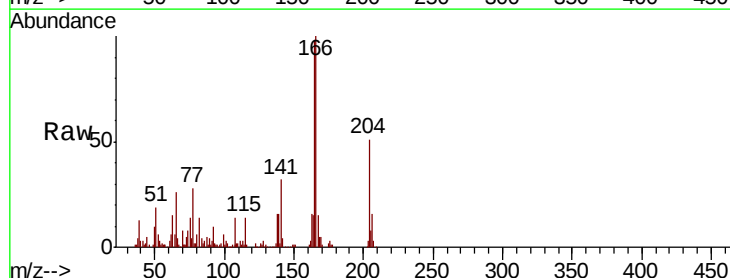
Manual Integrations
APPROVED

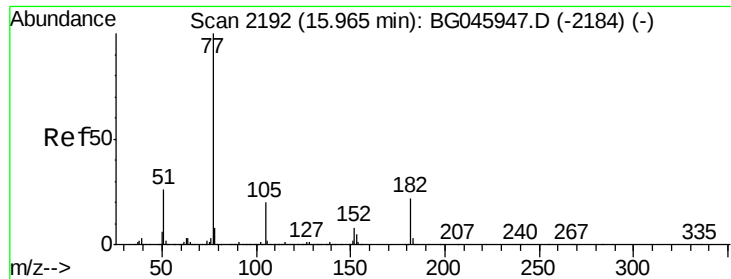
mohammad
7/9/2020 10:55:14 AM



#62
4-Nitroaniline
Concen: 3.122 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.1	40.3	80.3
108	86.6	68.0	108.0





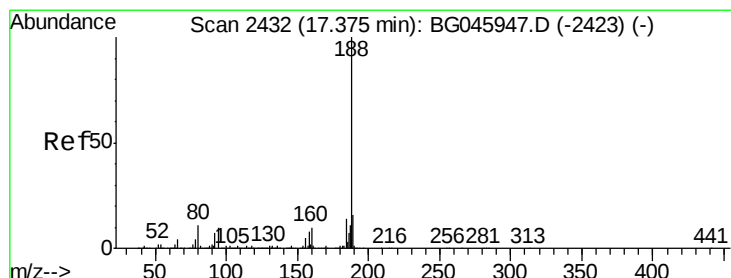
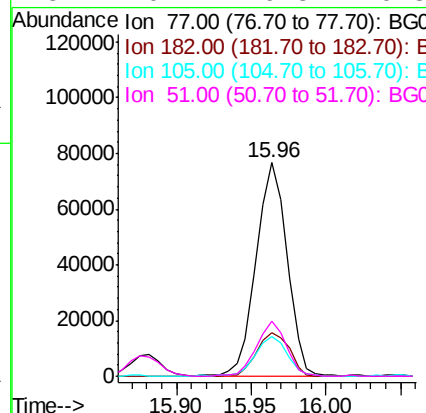
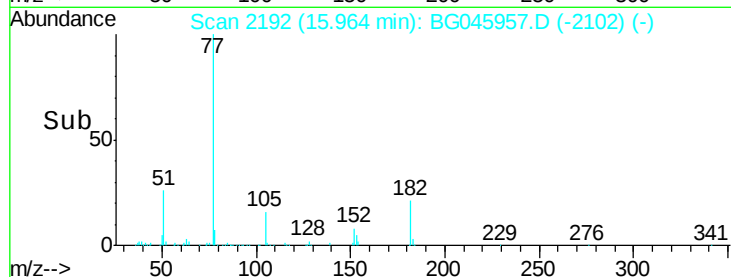
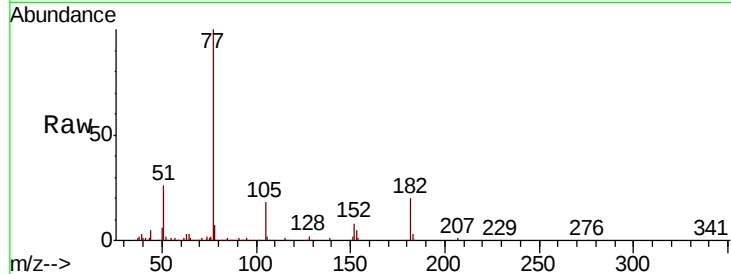
#63
Azobenzene
Concen: 3.911 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	20.4	2.4	42.4		
105	18.5	0.3	40.3		
51	26.1	6.3	46.3		

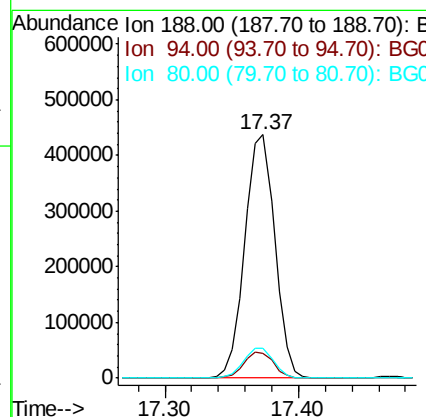
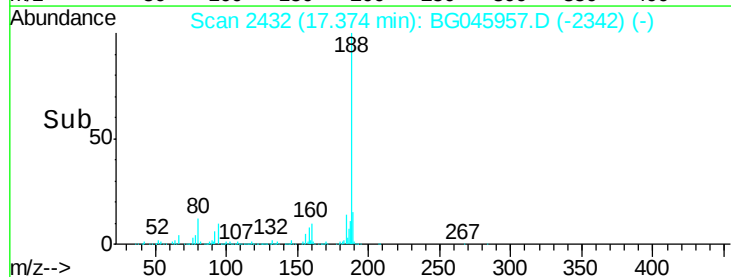
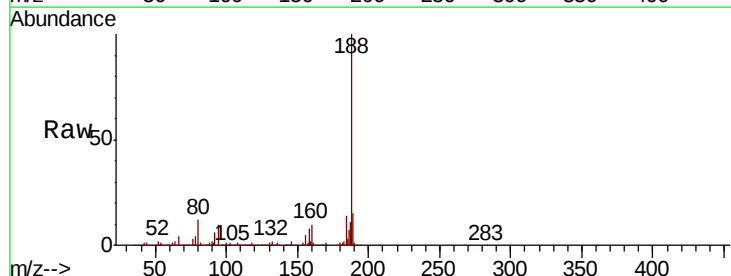
Manual Integrations
APPROVED

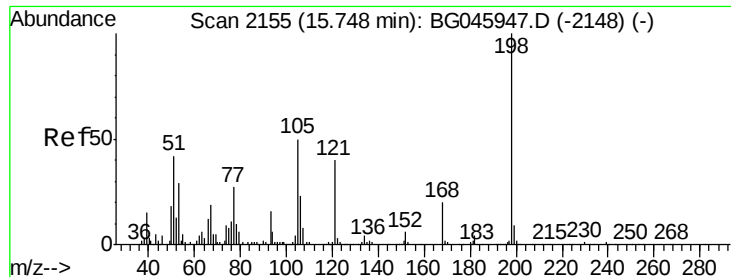
mohammad
7/9/2020 10:55:14 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.1	8.2	12.4		
80	12.1	9.0	13.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 2.303 ng

RT: 15.73 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

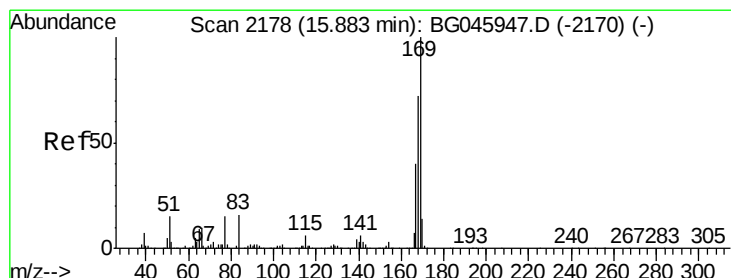
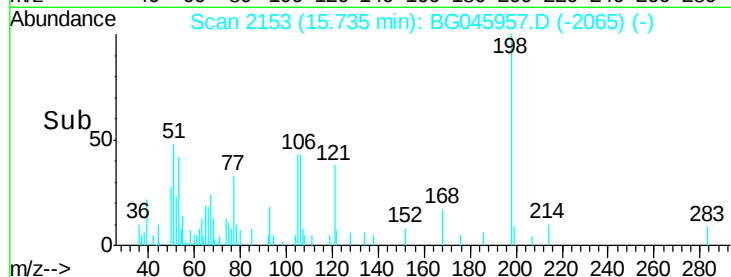
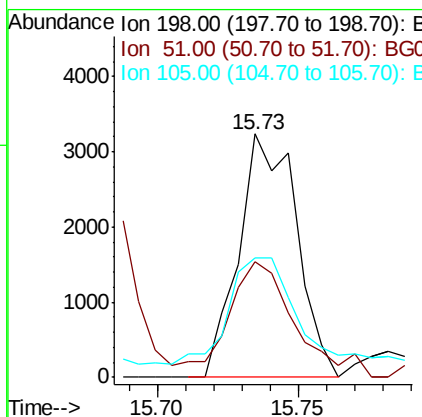
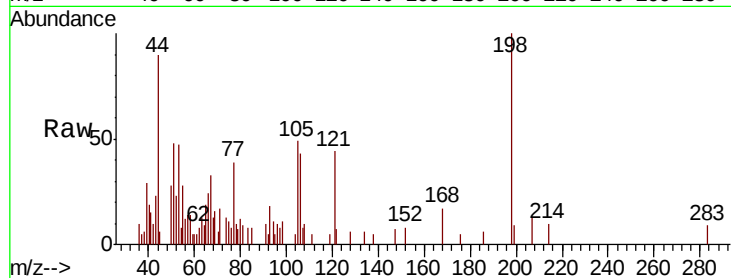
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	198	Resp:	4574
Ion Ratio	Lower	Upper	
198	100		
51	47.7	24.5	64.5
105	49.0	30.9	70.9

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



#66

n-Nitrosodiphenylamine

Concen: 4.028 ng

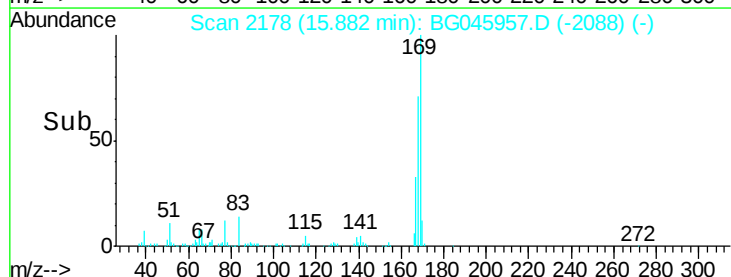
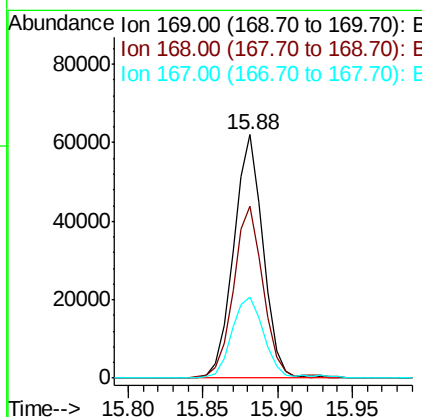
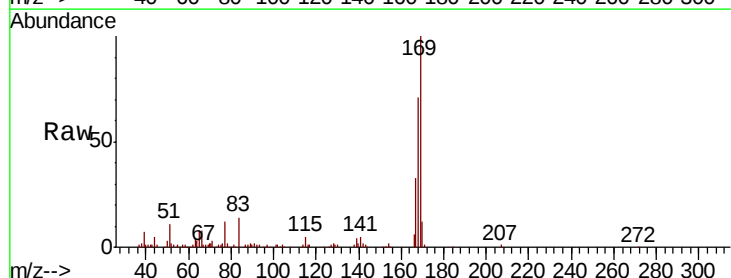
RT: 15.88 min Scan# 2178

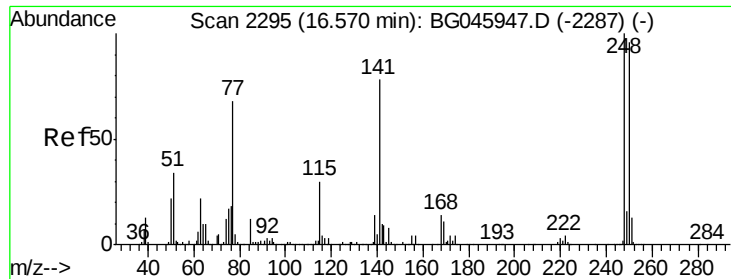
Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	169	Resp:	84629
Ion Ratio	Lower	Upper	
169	100		
168	70.6	57.3	85.9
167	33.3	32.1	48.1





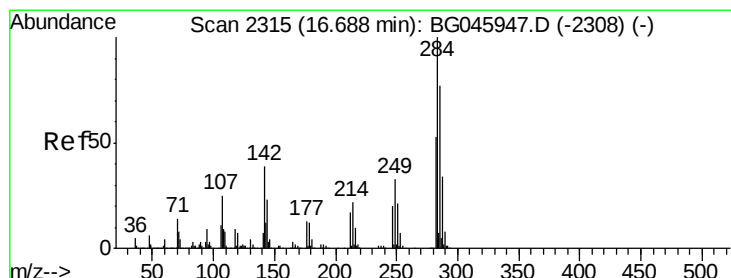
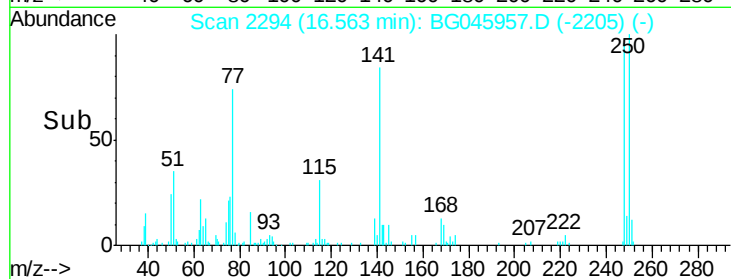
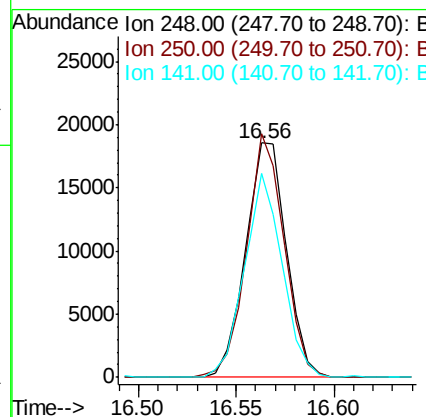
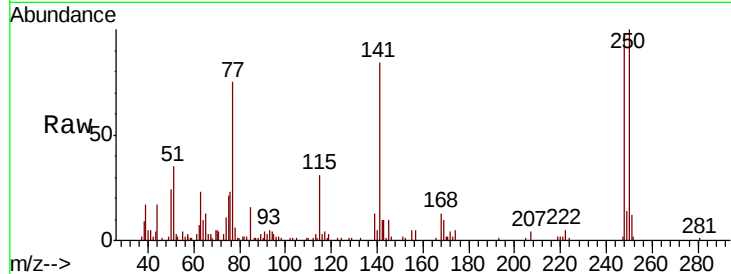
#67
 4-Bromophenyl-phenylether
 Concen: 3.546 ng
 RT: 16.56 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	103.9	76.6	114.8
141	86.8	62.7	94.1

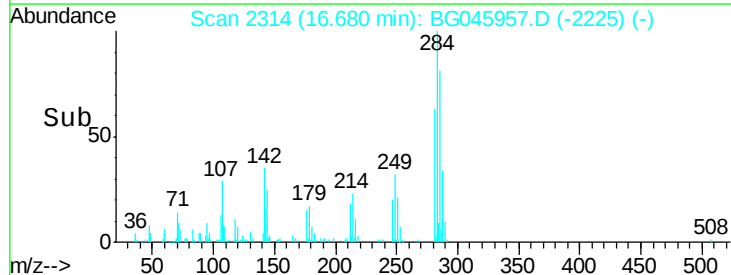
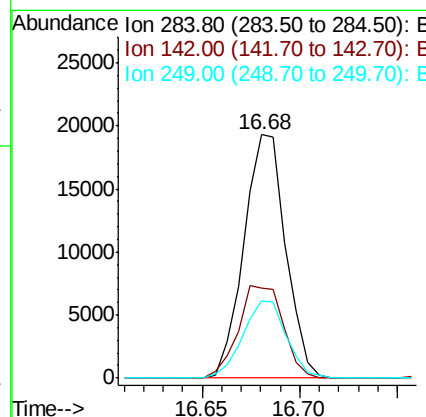
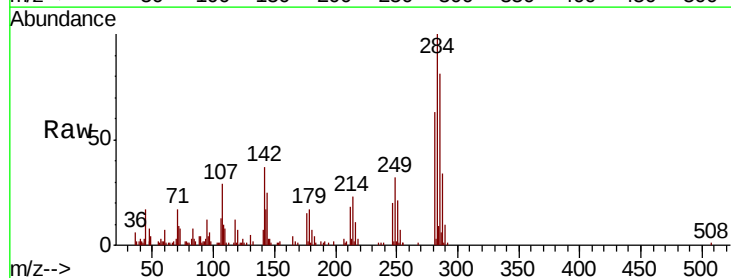
Manual Integrations
 APPROVED

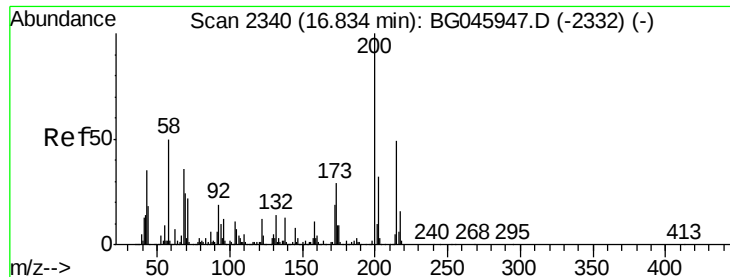
mohammad
 7/9/2020 10:55:14 AM



#68
 Hexachlorobenzene
 Concen: 3.767 ng
 RT: 16.68 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.7	31.3	46.9
249	31.7	26.8	40.2





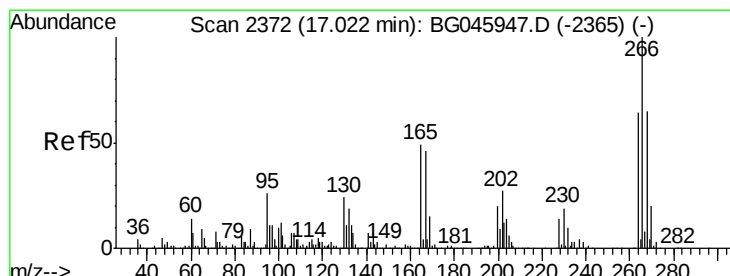
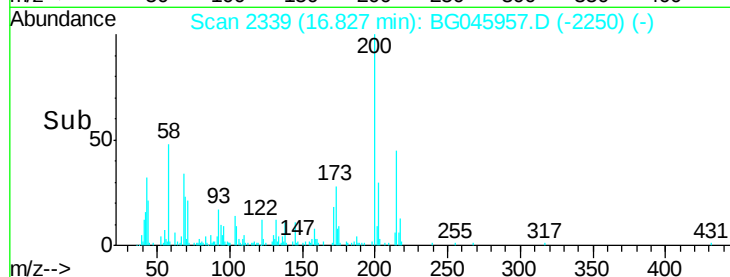
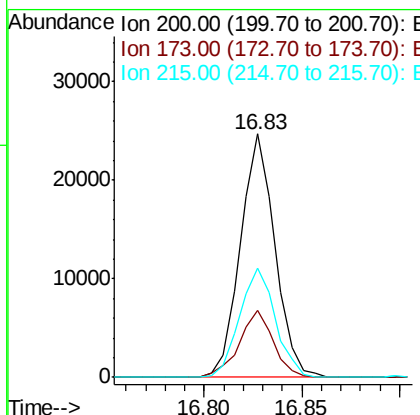
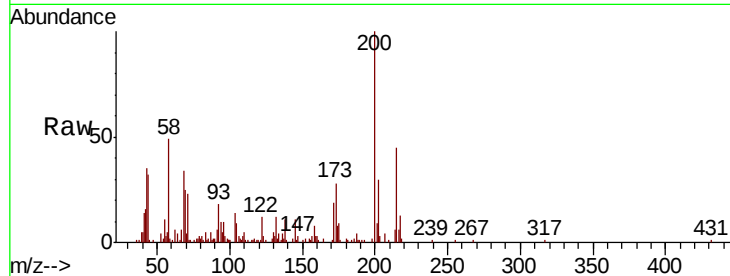
#69
Atrazine
Concen: 4.852 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	9.1	49.1
215	45.1	28.8	68.8

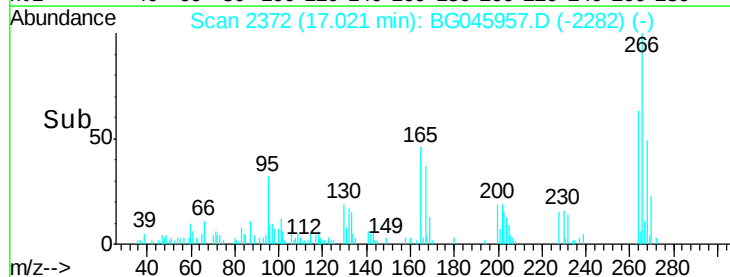
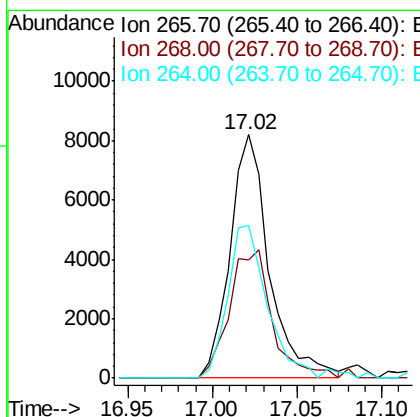
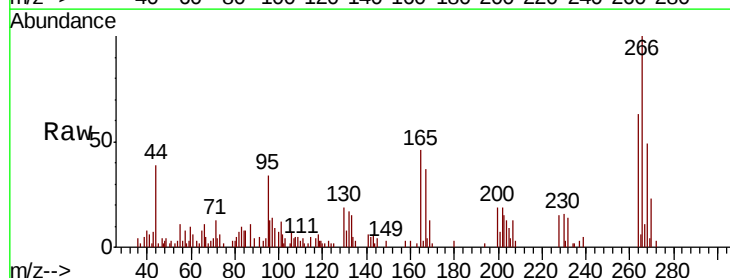
Manual Integrations
APPROVED

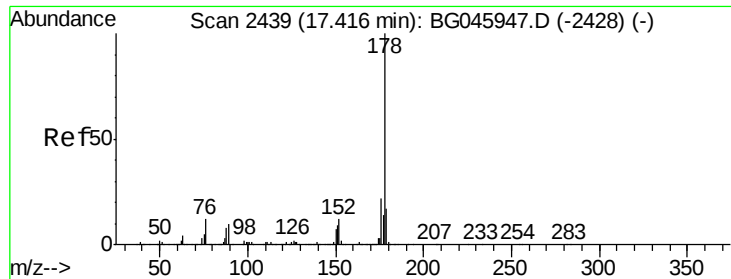
mohammad
7/9/2020 10:55:14 AM



#70
Pentachlorophenol
Concen: 3.139 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	48.7	51.8	77.8#
264	62.8	51.4	77.0





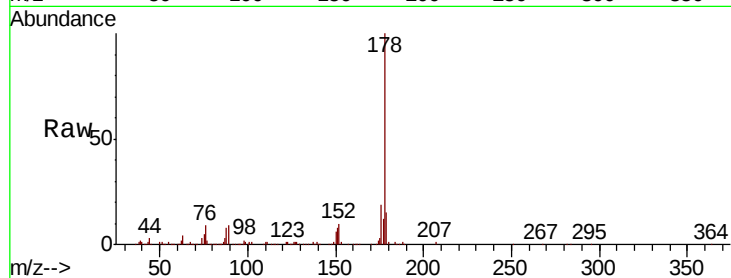
#71
Phenanthrene
Concen: 4.027 ng
RT: 17.41 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.4	26.2
179	15.1	13.4	20.2

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM

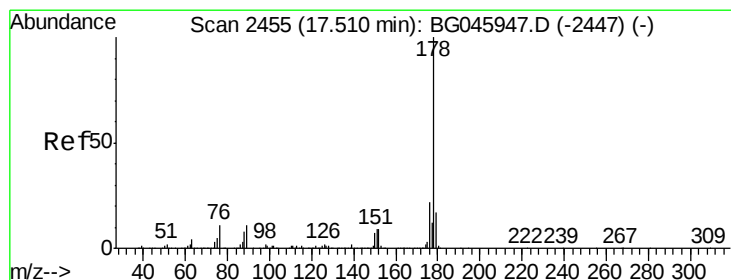
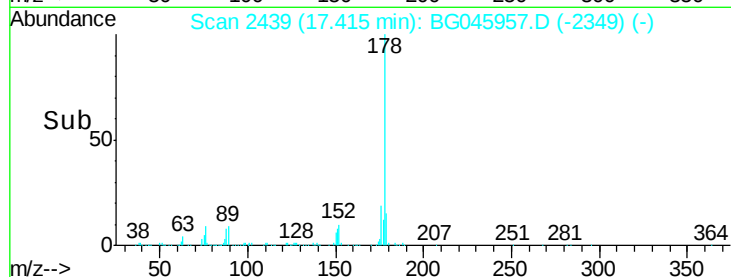
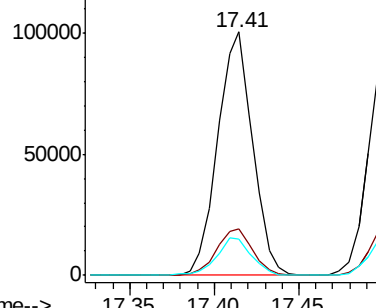


Abundance

Ion 178.00 (177.70 to 178.70): E

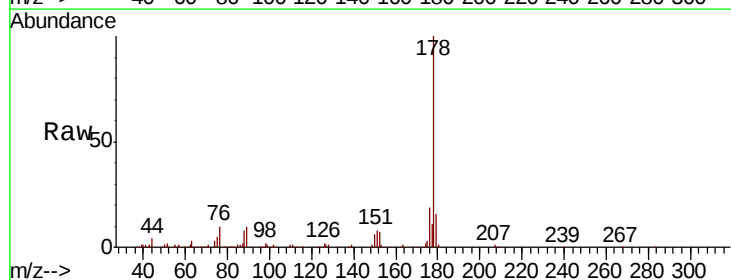
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 4.190 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	17.2	25.8
179	15.7	14.0	21.0

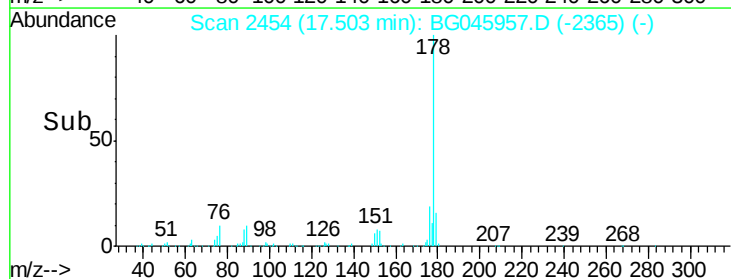
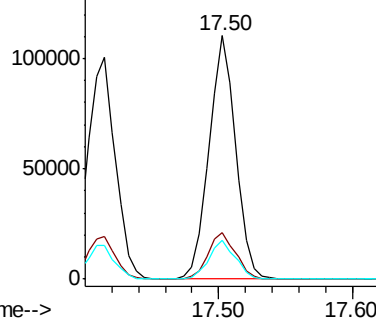


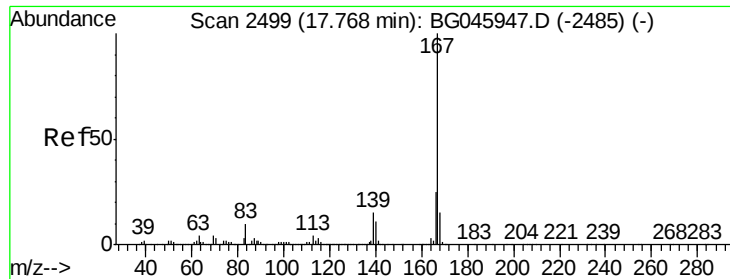
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





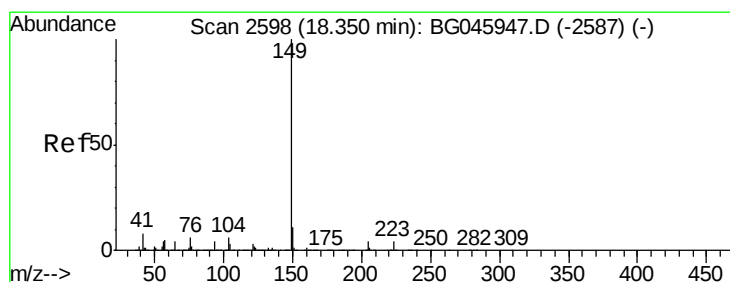
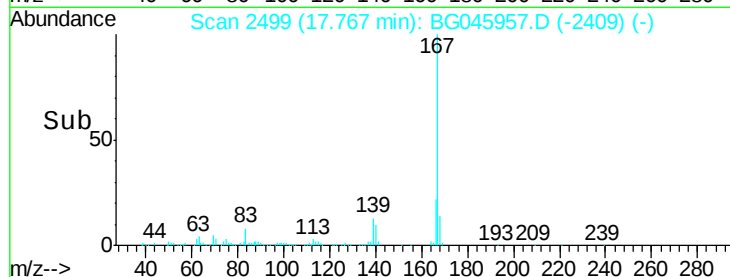
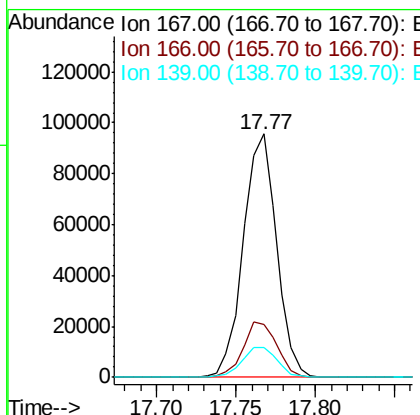
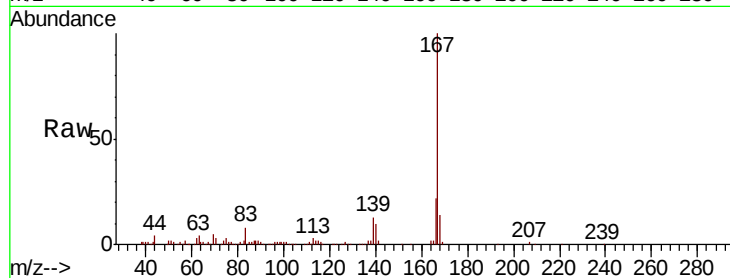
#73
 Carbazole
 Concen: 3.821 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	20.4	30.6
139	12.5	11.8	17.8

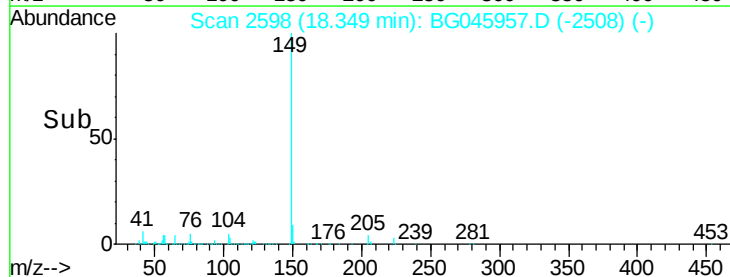
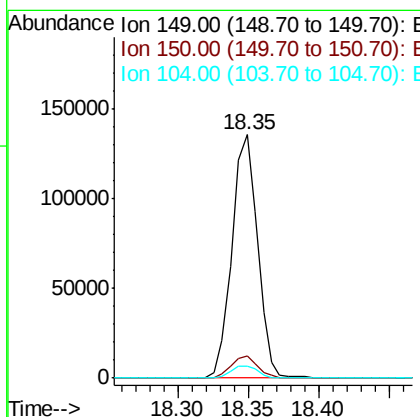
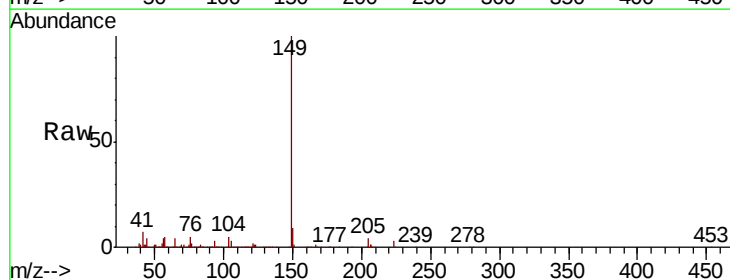
Manual Integrations
 APPROVED

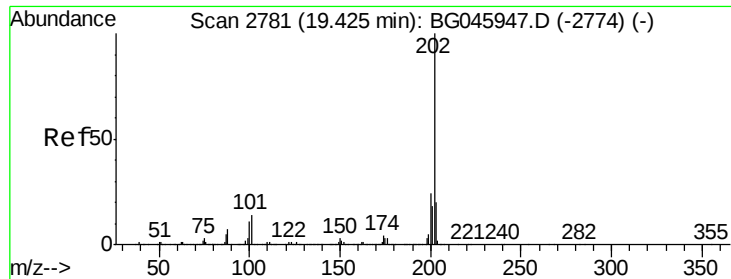
mohammad
 7/9/2020 10:55:14 AM



#74
 Di-n-butylphthalate
 Concen: 3.892 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG045957.D
 Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	9.0	13.4
104	4.7	5.2	7.8





#75

Fluoranthene

Concen: 4.161 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

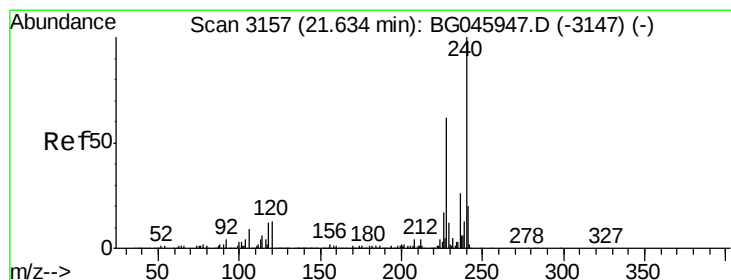
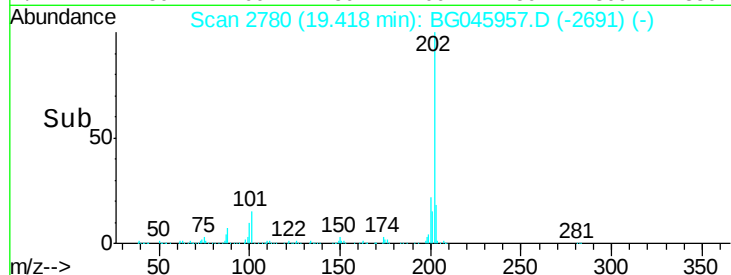
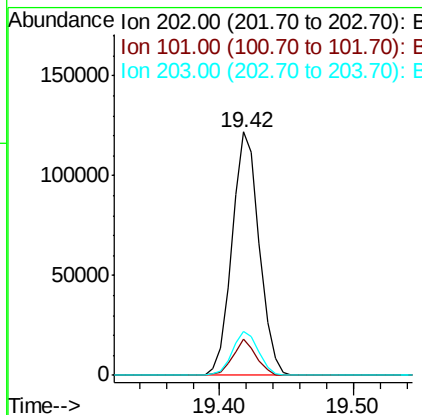
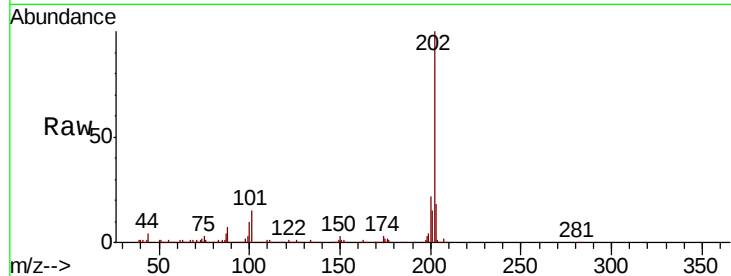
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	202	Resp:	172421
Ion Ratio		Lower	Upper
202	100		
101	14.7	0.0	33.8
203	17.9	0.4	40.4

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



#76

Chrysene-d12

Concen: 20.000 ng

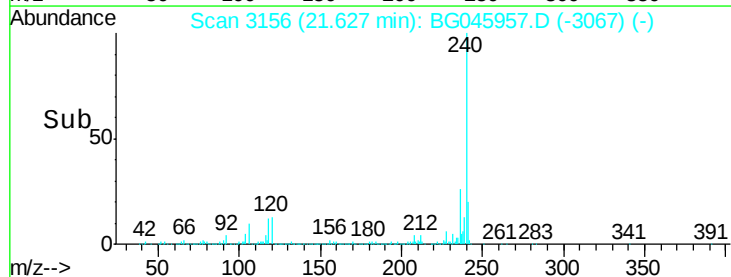
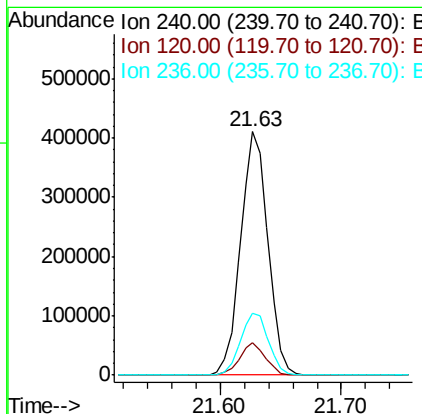
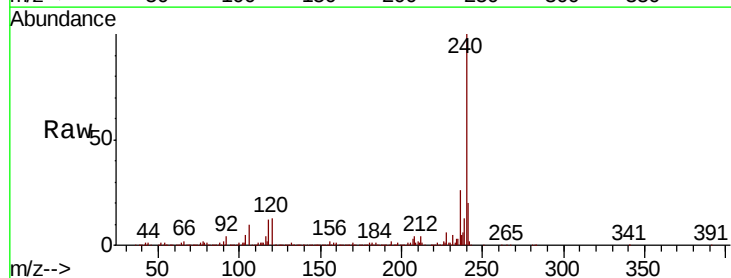
RT: 21.63 min Scan# 3156

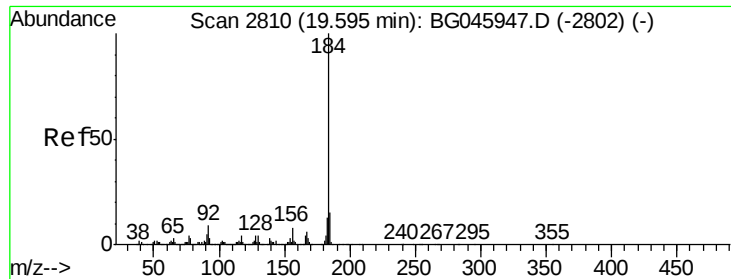
Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	240	Resp:	647335
Ion Ratio		Lower	Upper
240	100		
120	13.1	10.6	16.0
236	25.7	20.4	30.6





#77

Benzidine

Concen: 5.088 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

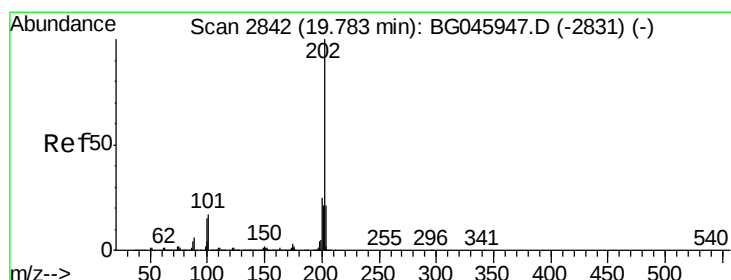
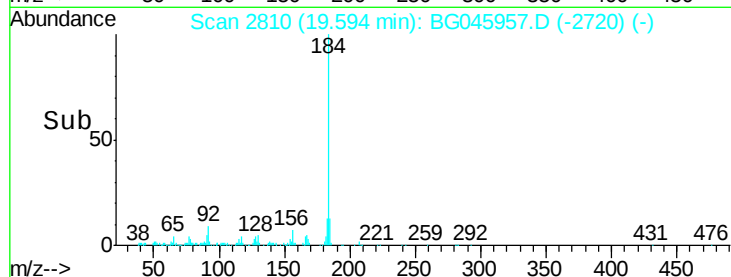
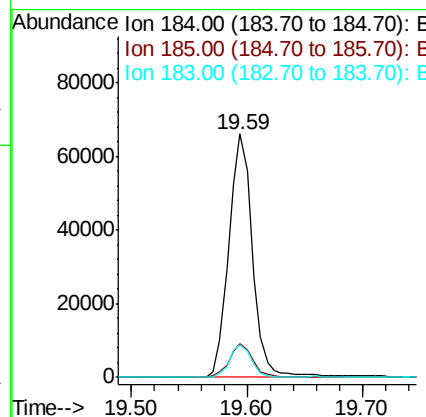
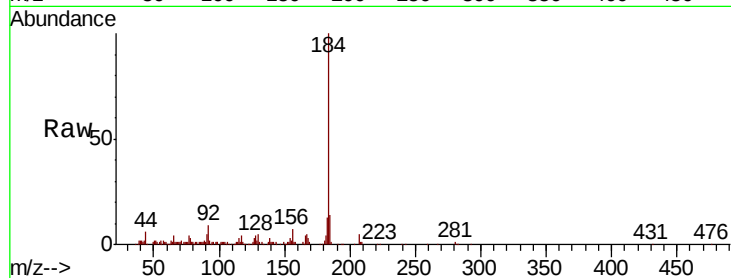
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	184	Resp:	94175
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.6	17.4
183	13.1	10.4	15.6

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



#78

Pyrene

Concen: 4.032 ng m

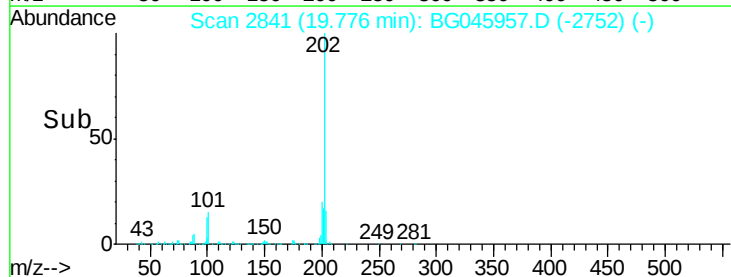
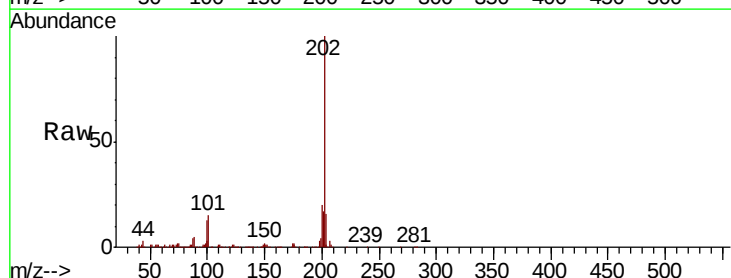
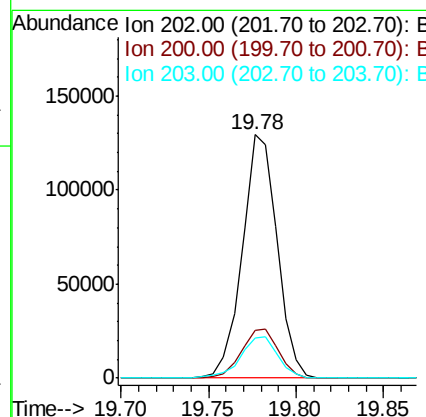
RT: 19.78 min Scan# 2841

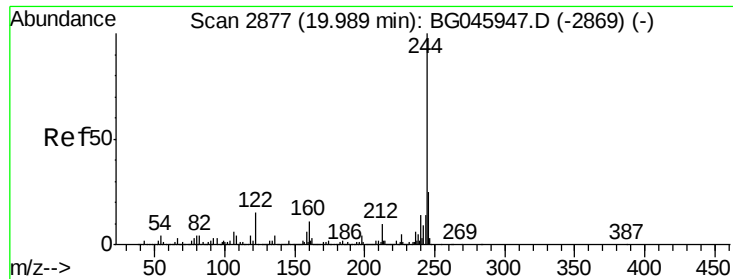
Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	202	Resp:	178180
Ion Ratio	Lower	Upper	
202	100		
200	19.9	20.1	30.1#
203	16.4	16.5	24.7#





#79

Terphenyl-d14

Concen: 91.456 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:244 Resp: 2660186

Ion Ratio Lower Upper

244 100

212 10.3 8.3 12.5

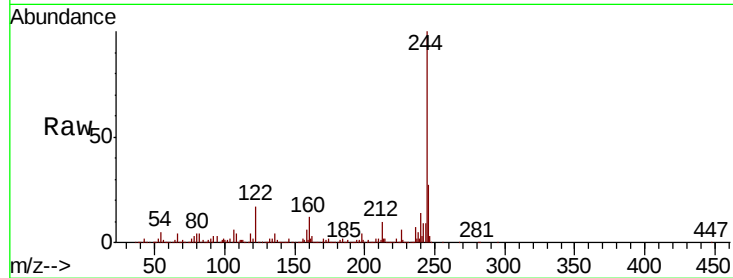
122 16.7 12.1 18.1

Manual Integrations

APPROVED

mohammad

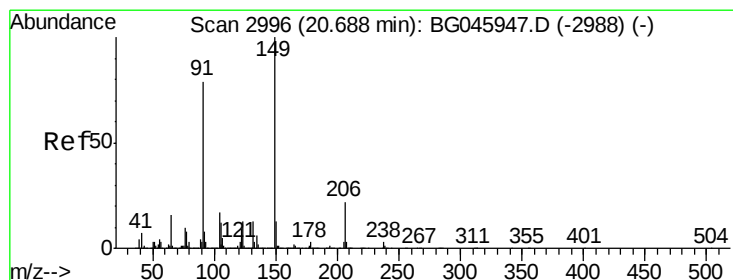
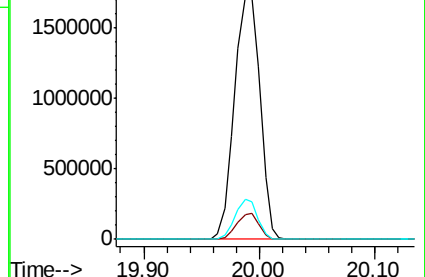
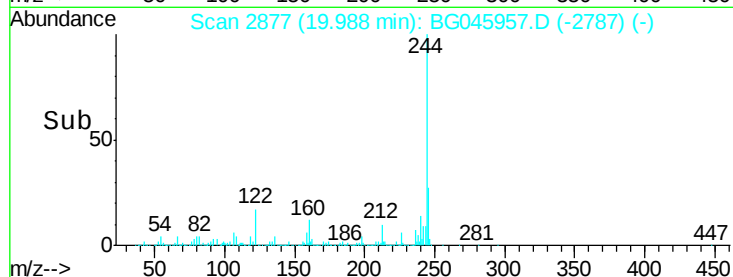
7/9/2020 10:55:14 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 3.426 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

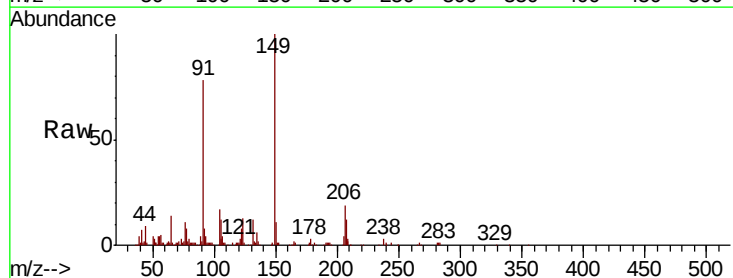
Tgt Ion:149 Resp: 71539

Ion Ratio Lower Upper

149 100

91 78.5 63.1 94.7

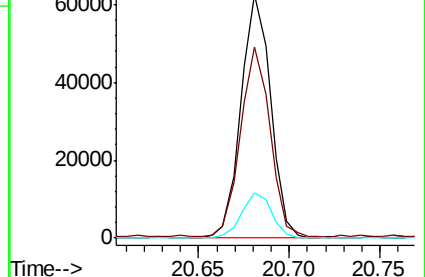
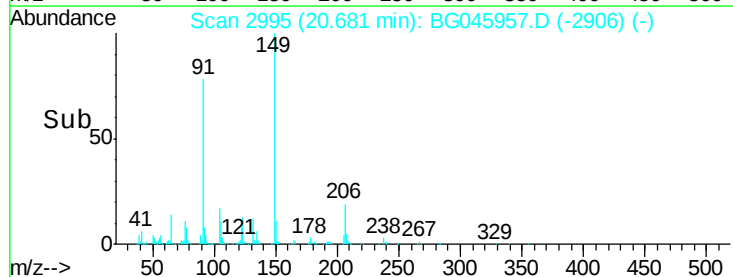
206 18.8 17.4 26.0

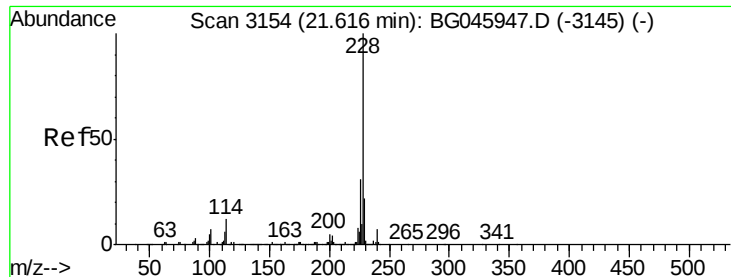


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 3.959 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

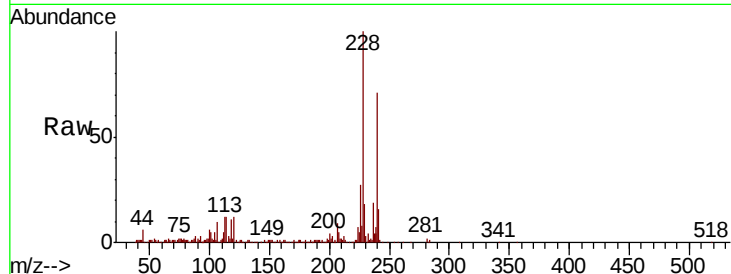
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

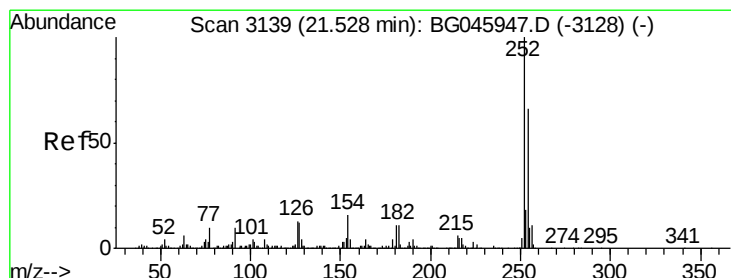
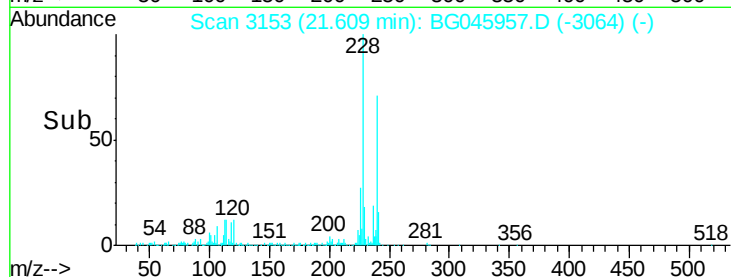
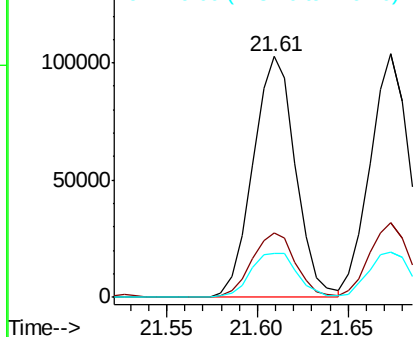
Tot Ion:	228	Resp:	168531
Ion Ratio	Lower	Upper	
228	100		
226	26.6	24.8	37.2
229	18.2	17.8	26.8

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 4.110 ng

RT: 21.52 min Scan# 3138

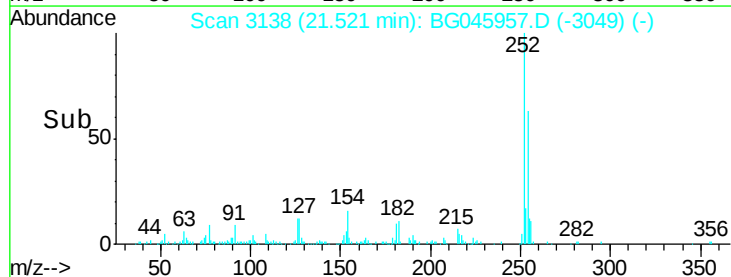
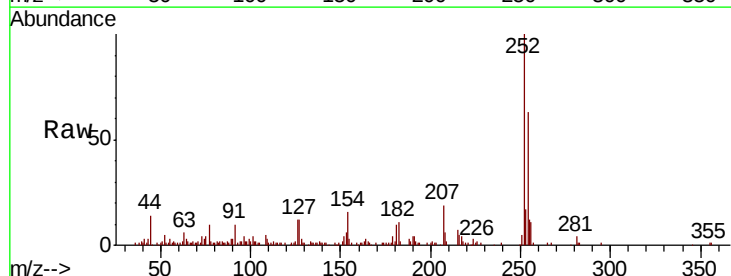
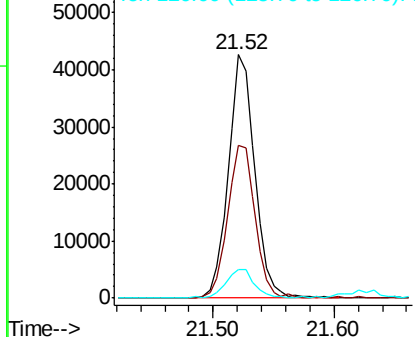
Delta R.T. -0.01 min

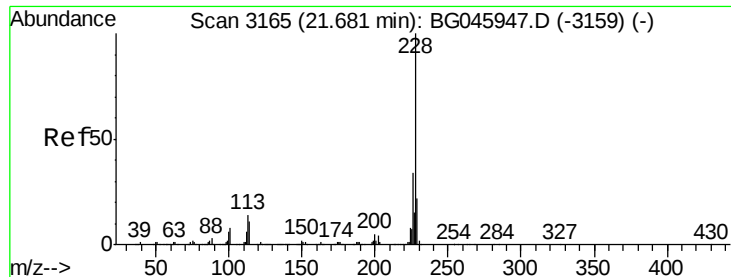
Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	252	Resp:	64639
Ion Ratio	Lower	Upper	
252	100		
254	62.9	52.9	79.3
126	11.6	10.4	15.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 3.887 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Instrument :

BNA_G

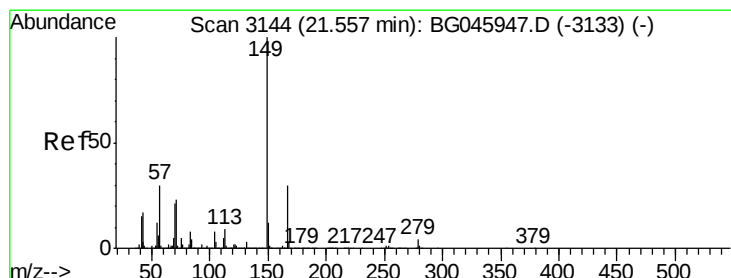
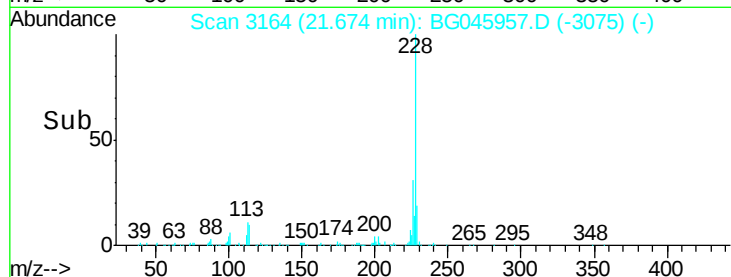
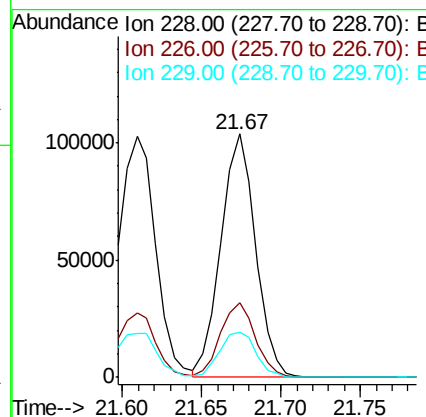
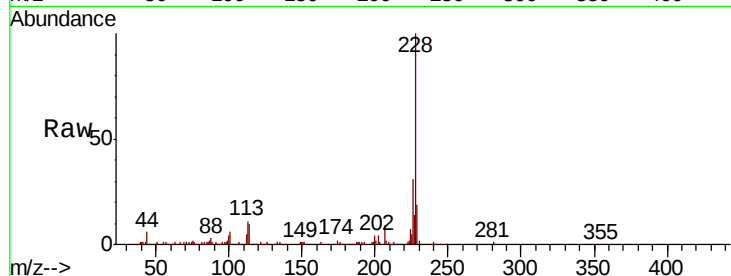
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	228	Resp:	157637
Ion Ratio	Lower	Upper	
228	100		
226	30.6	26.7	40.1
229	18.8	17.3	25.9

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.631 ng

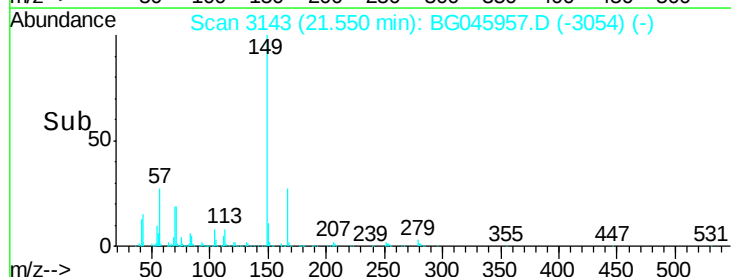
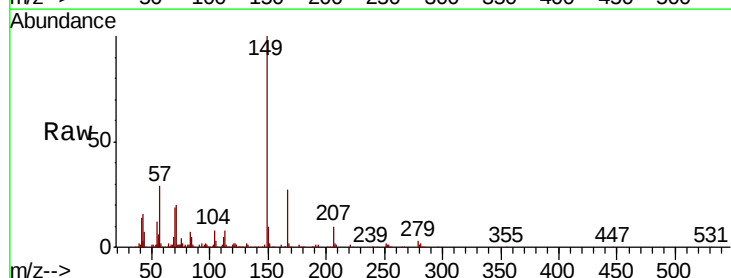
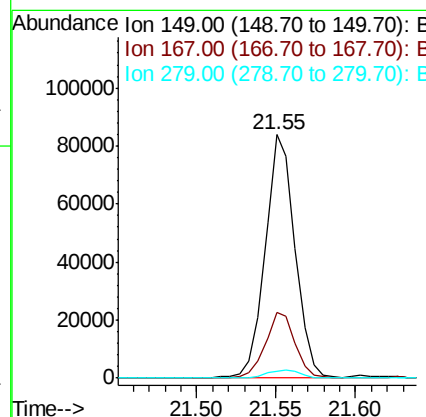
RT: 21.55 min Scan# 3143

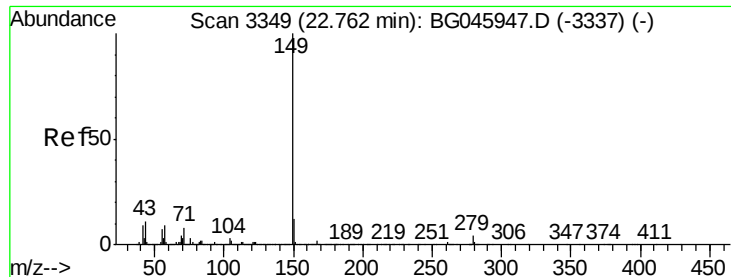
Delta R.T. -0.01 min

Lab File: BG045957.D

Acq: 7 Jul 2020 11:44

Tgt Ion:	149	Resp:	110045
Ion Ratio	Lower	Upper	
149	100		
167	26.8	23.8	35.8
279	3.0	3.5	5.3#





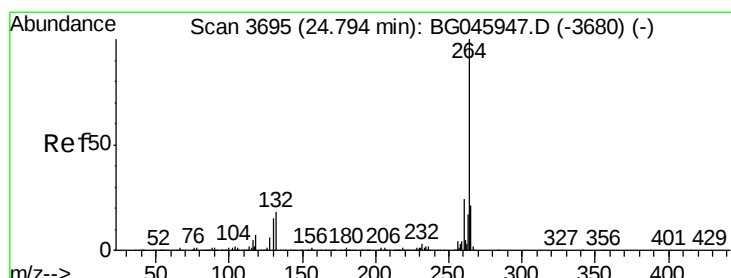
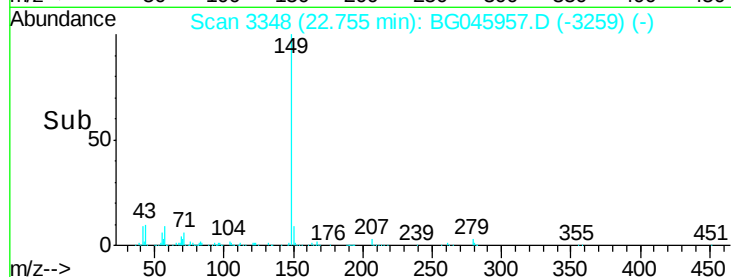
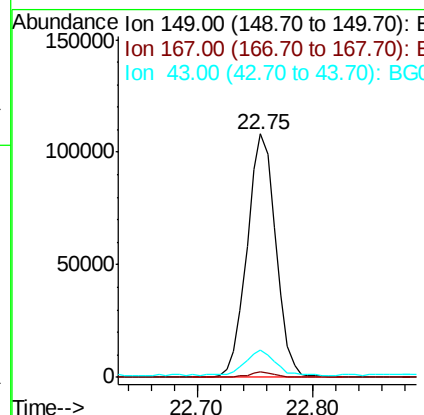
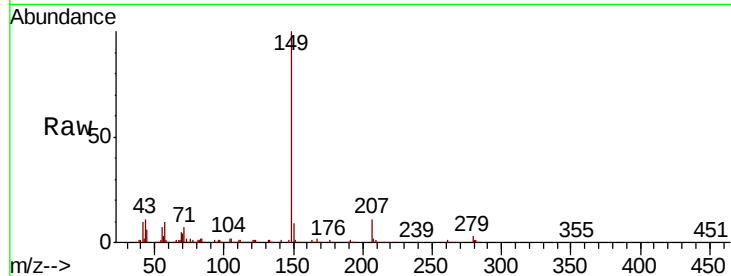
#85
Di-n-octyl phthalate
Concen: 3.539 ng
RT: 22.75 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.9	1.4	2.0
43	11.1	8.6	12.8

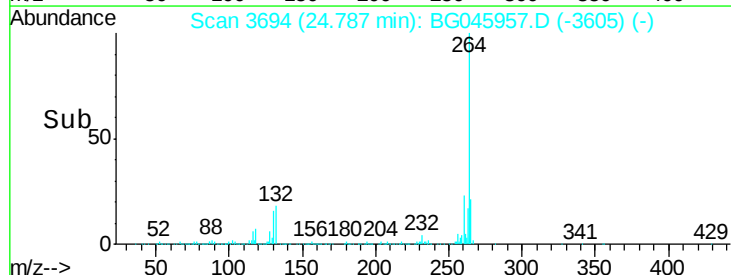
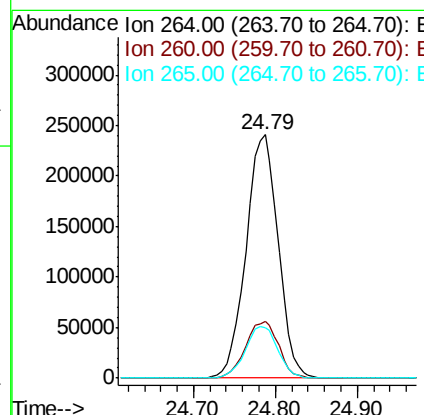
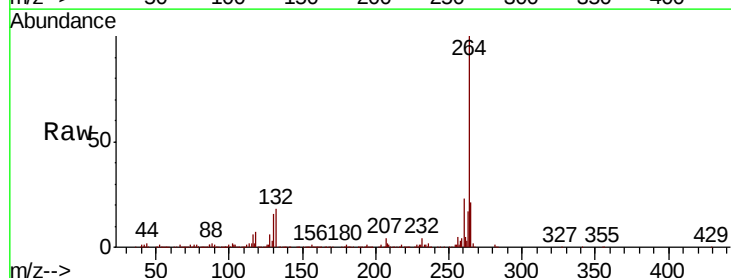
Manual Integrations
APPROVED

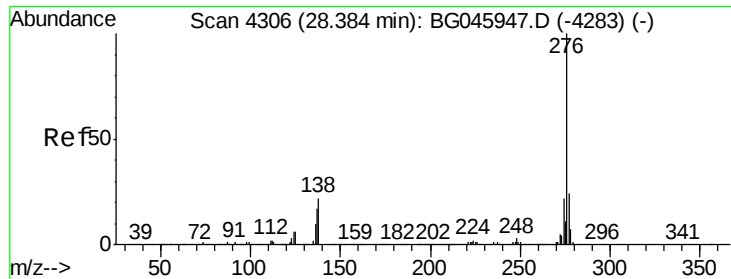
mohammad
7/9/2020 10:55:14 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	19.0	28.6
265	20.8	16.9	25.3





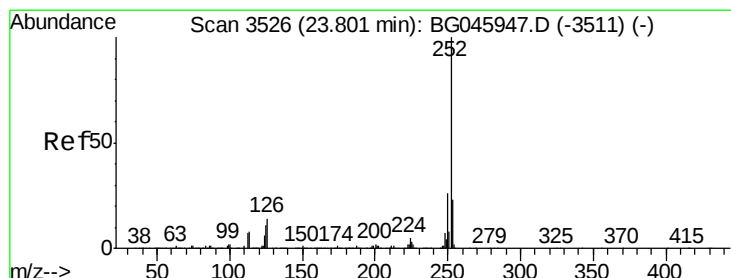
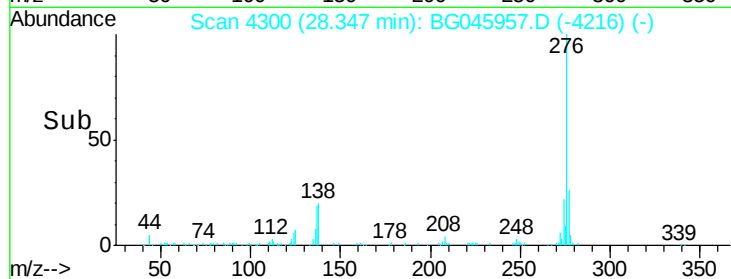
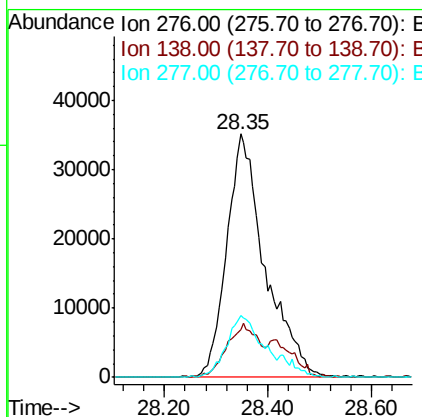
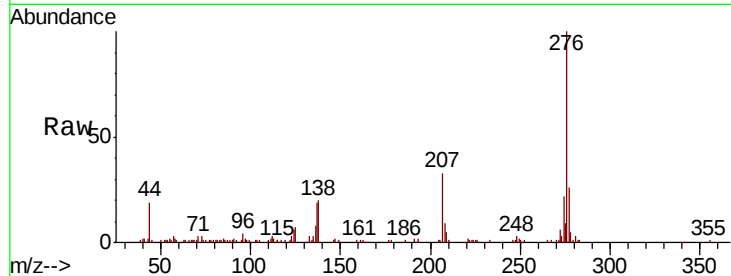
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.743 ng
RT: 28.35 min Scan# 4300
Delta R.T. -0.04 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.4	24.6
277	22.8	20.6	31.0

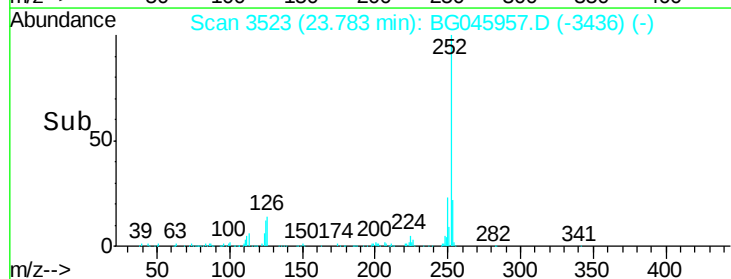
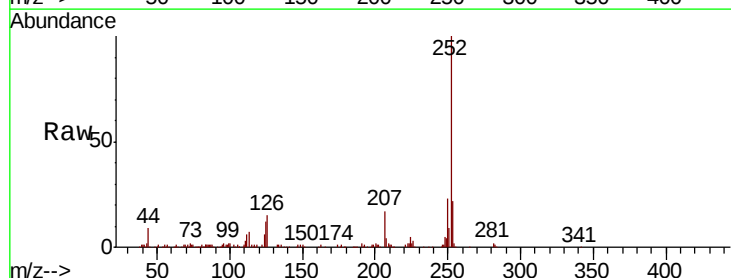
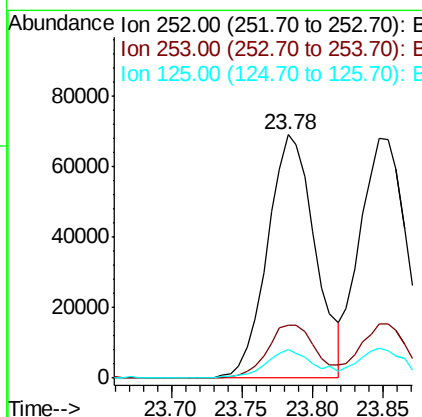
Manual Integrations
APPROVED

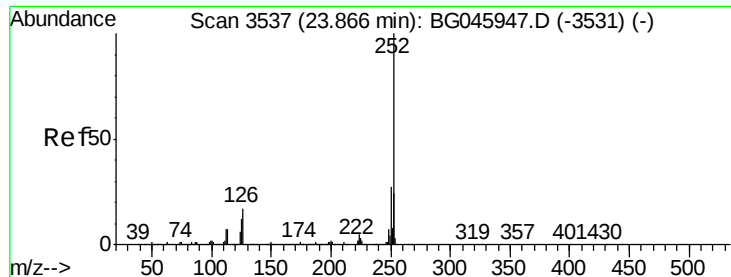
mohammad
7/9/2020 10:55:14 AM



#88
Benzo(b)fluoranthene
Concen: 3.897 ng
RT: 23.78 min Scan# 3523
Delta R.T. -0.02 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.5	27.7
125	11.9	9.2	13.8





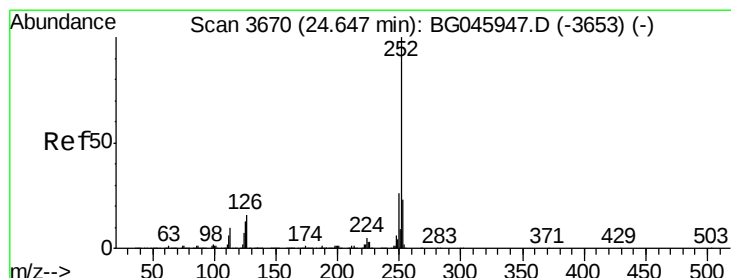
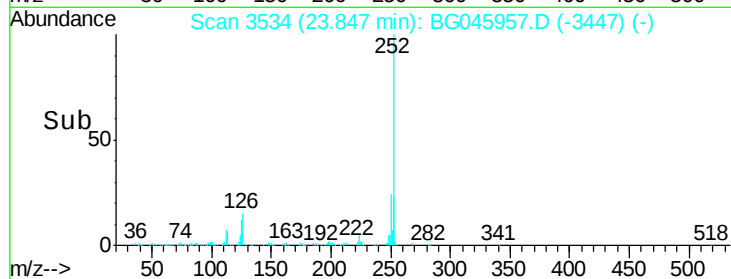
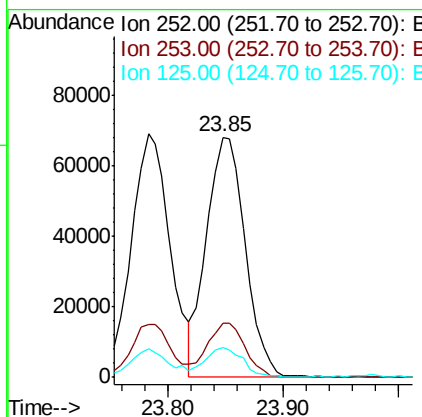
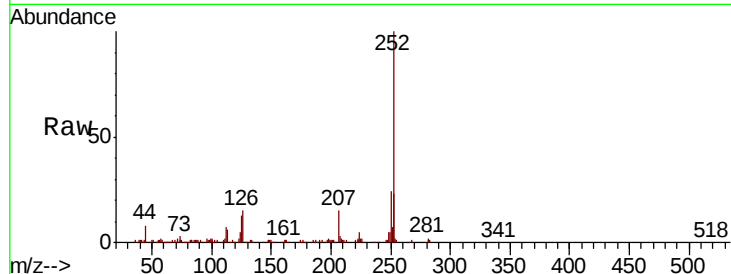
#89
Benzo(k)fluoranthene
Concen: 4.028 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.02 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
252	100	159088		
253	22.6		18.9	28.3
125	12.5		9.6	14.4

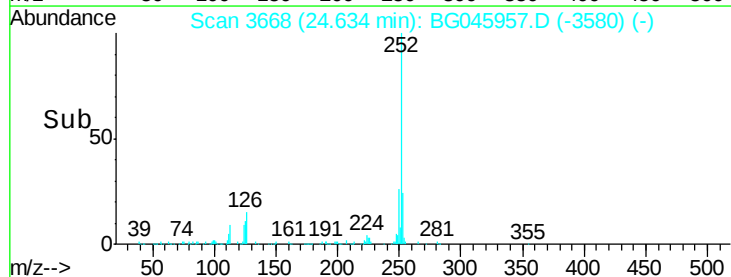
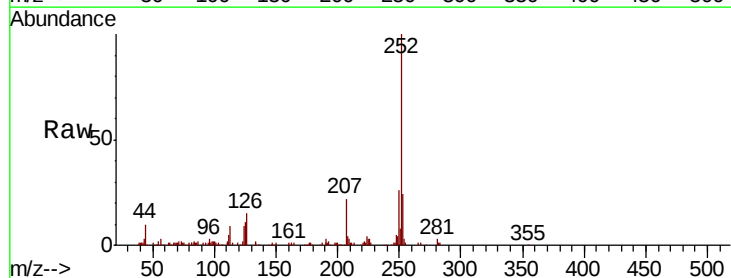
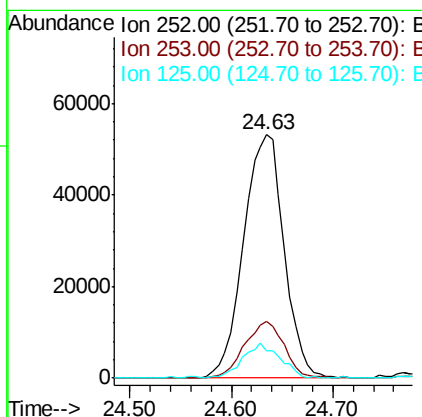
Manual Integrations
APPROVED

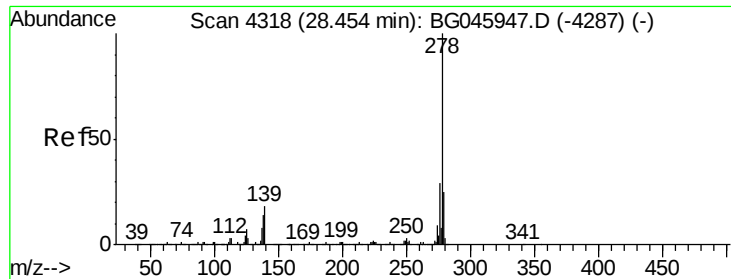
mohammad
7/9/2020 10:55:14 AM



#90
Benzo(a)pyrene
Concen: 3.752 ng
RT: 24.63 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	147387		
253	23.5		18.6	28.0
125	11.2		10.5	15.7





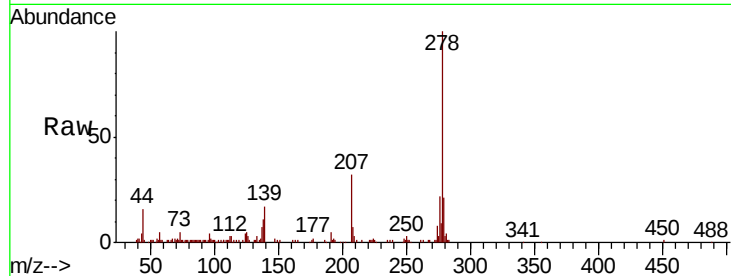
#91
Dibenzo(a,h)anthracene
Concen: 3.929 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.02 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

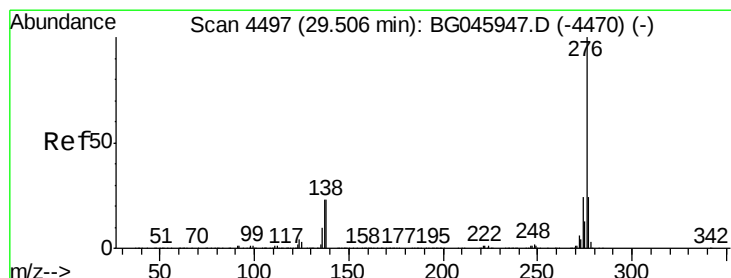
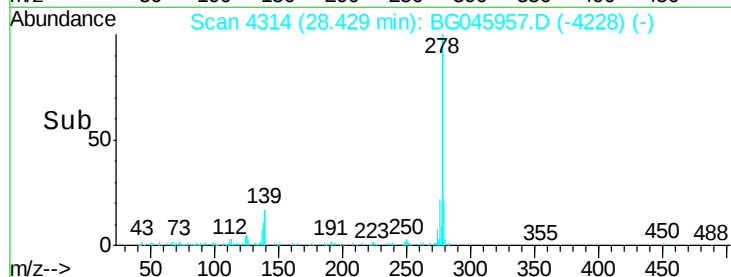
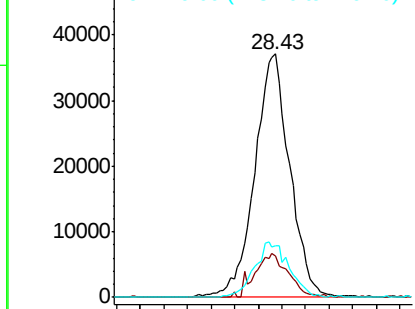
Tot Ion:	278	Resp:	152541
Ion Ratio	Lower	Upper	
278	100		
139	17.2	14.3	21.5
279	21.2	19.8	29.6

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:14 AM

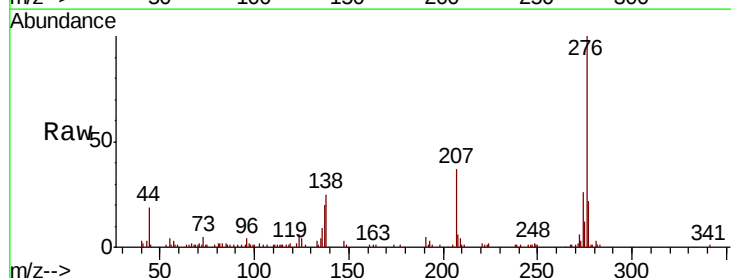


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.893 ng
RT: 29.46 min Scan# 4489
Delta R.T. -0.05 min
Lab File: BG045957.D
Acq: 7 Jul 2020 11:44

Tgt Ion:	276	Resp:	152107
Ion Ratio	Lower	Upper	
276	100		
277	21.7	19.4	29.0
138	25.4	18.6	28.0



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

