

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045428.D
 Acq On : 19 May 2020 17:25
 Operator : CG/JU
 Sample : L2182-07
 Misc : WATER - LOD - 5PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 5/20/2020 1:19:58 PM

Quant Time: May 20 01:45:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:13:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	92765	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	383540	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	272104	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	632625	20.00	ng	0.00
76) Chrysene-d12	21.62	240	653057	20.00	ng	0.00
87) Perylene-d12	24.76	264	684405	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	580706	122.34	ng	0.00
7) Phenol-d6	7.19	99	827088	122.42	ng	0.00
23) Nitrobenzene-d5	9.13	82	564850	80.31	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	433407	124.55	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1313680	81.89	ng	0.00
79) Terphenyl-d14	19.97	244	2345160	83.75	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	9475	4.025	ng	92
3) Pyridine	3.83	79	18088	2.759	ng	# 89
4) n-Nitrosodimethylamine	3.75	42	5823	2.714	ng	# 74
6) Aniline	7.29	93	32561	3.692	ng	# 95
8) 2-Chlorophenol	7.55	128	20206	3.882	ng	89
9) Benzaldehyde	7.10	77	19225	4.368	ng	92
10) Phenol	7.22	94	27309	3.922	ng	86
11) bis(2-Chloroethyl)ether	7.38	93	21327	3.927	ng	96
12) 1,3-Dichlorobenzene	7.86	146	23772	3.800	ng	93
13) 1,4-Dichlorobenzene	8.00	146	25076	4.062	ng	93
14) 1,2-Dichlorobenzene	8.32	146	23295	3.923	ng	91
15) Benzyl Alcohol	8.22	79	18367	3.291	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	20579	3.992	ng	100
17) 2-Methylphenol	8.45	107	19731	3.786	ng	87
18) Hexachloroethane	9.05	117	8957	3.788	ng	# 77
19) n-Nitroso-di-n-propylamine	8.76	70	17151	3.671	ng	94
20) 3+4-Methylphenols	8.79	107	23893m	3.367	ng	
22) Acetophenone	8.79	105	32965	3.626	ng	# 93
24) Nitrobenzene	9.16	77	27919	3.705	ng	93
25) Isophorone	9.69	82	51601	3.725	ng	98
26) 2-Nitrophenol	9.88	139	11514	3.572	ng	92
27) 2,4-Dimethylphenol	9.98	122	19234	4.023	ng	87
28) bis(2-Chloroethoxy)methane	10.17	93	28380	3.907	ng	91
29) 2,4-Dichlorophenol	10.46	162	18823	3.334	ng	98
30) 1,2,4-Trichlorobenzene	10.64	180	24637	3.693	ng	95
31) Naphthalene	10.82	128	69438	3.885	ng	98
32) Benzoic acid	10.13	122	7543m	2.627	ng	
33) 4-Chloroaniline	10.95	127	26071	3.490	ng	# 90
34) Hexachlorobutadiene	11.11	225	16516	3.502	ng	90
35) Caprolactam	11.69	113	7708	3.720	ng	86
36) 4-Chloro-3-methylphenol	12.11	107	22634	3.558	ng	# 89
37) 2-Methylnaphthalene	12.43	142	51902	3.896	ng	92
38) 1-Methylnaphthalene	12.65	142	49576	3.940	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	29856	3.928	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045428.D
 Acq On : 19 May 2020 17:25
 Operator : CG/JU
 Sample : L2182-07
 Misc : WATER - LOD - 5PPM
 ALS Vial : 8 Sample Multiplier: 1

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

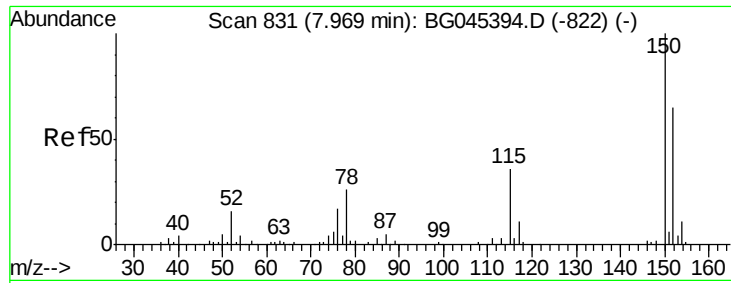
Manual Integrations
 APPROVED

mohammad
 5/20/2020 1:19:58 PM

Quant Time: May 20 01:45:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:13:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	10374	2.365	ng	98
43) 2,4,6-Trichlorophenol	13.06	196	18423	3.489	ng	93
44) 2,4,5-Trichlorophenol	13.15	196	20274	3.360	ng	97
46) 1,1'-Biphenyl	13.44	154	73092	4.372	ng	92
47) 2-Chloronaphthalene	13.48	162	50213	3.698	ng	99
48) 2-Nitroaniline	13.69	65	13768	3.083	ng	92
49) Acenaphthylene	14.33	152	87548	4.015	ng	96
50) Dimethylphthalate	14.06	163	73098	3.916	ng	100
51) 2,6-Dinitrotoluene	14.18	165	16064	3.814	ng	91
52) Acenaphthene	14.67	154	52058	3.566	ng	86
53) 3-Nitroaniline	14.53	138	13687	3.197	ng #	85
54) 2,4-Dinitrophenol	14.75	184	219	0.090	ng #	52
55) Dibenzofuran	15.01	168	86329	3.982	ng	99
56) 4-Nitrophenol	14.92	139	8459	2.609	ng #	84
57) 2,4-Dinitrotoluene	14.97	165	21074	3.455	ng #	95
58) Fluorene	15.65	166	73604	4.133	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.25	232	17740	3.342	ng #	97
60) Diethylphthalate	15.42	149	77038	3.965	ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	39587	3.884	ng	94
62) 4-Nitroaniline	15.69	138	14254	3.189	ng	93
63) Azobenzene	15.94	77	70133	3.871	ng	96
65) 4,6-Dinitro-2-methylphenol	15.74	198	8529	2.315	ng	87
66) n-Nitrosodiphenylamine	15.87	169	64801	4.266	ng	95
67) 4-Bromophenyl-phenylether	16.55	248	25585	3.735	ng	83
68) Hexachlorobenzene	16.67	284	30102	4.201	ng	95
69) Atrazine	16.82	200	24324	3.888	ng	91
70) Pentachlorophenol	17.03	266	2026	0.545	ng #	81
71) Phenanthrene	17.40	178	121383	4.395	ng	98
72) Anthracene	17.49	178	121038	4.364	ng	99
73) Carbazole	17.77	167	112168	4.149	ng	96
74) Di-n-butylphthalate	18.32	149	137296	4.231	ng #	97
75) Fluoranthene	19.41	202	154597	4.401	ng	99
77) Benzidine	19.60	184	50253	2.740	ng	98
78) Pyrene	19.77	202	162878	4.375	ng	97
80) Butylbenzylphthalate	20.66	149	62439	3.886	ng	99
81) Benzo(a)anthracene	21.59	228	156862	4.312	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	61008	4.275	ng	95
83) Chrysene	21.66	228	149973	4.287	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	90018	4.075	ng #	98
85) Di-n-octyl phthalate	22.70	149	153383	4.043	ng	98
86) Indeno(1,2,3-cd)pyrene	28.34	276	174196	3.808	ng #	71
88) Benzo(b)fluoranthene	23.77	252	153716	4.188	ng	99
89) Benzo(k)fluoranthene	23.83	252	145962m	4.233	ng	
90) Benzo(a)pyrene	24.62	252	141324	4.134	ng #	94
91) Dibenzo(a,h)anthracene	28.40	278	146001	4.250	ng	99
92) Benzo(g,h,i)perylene	29.45	276	146752	4.271	ng	97

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



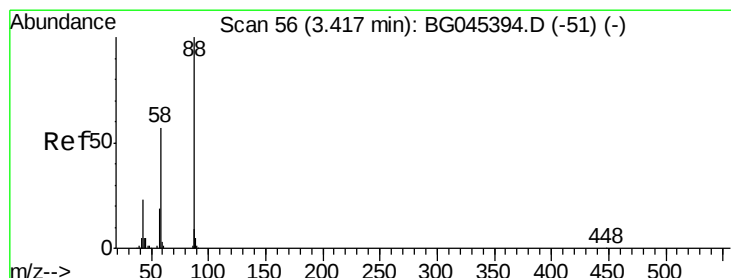
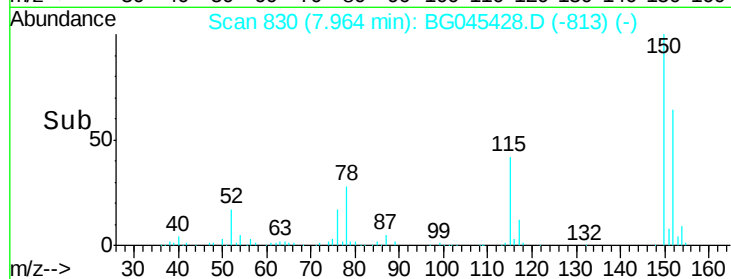
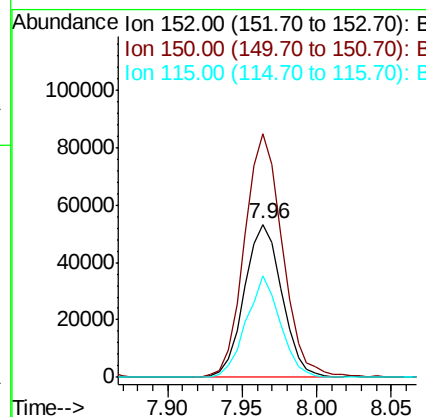
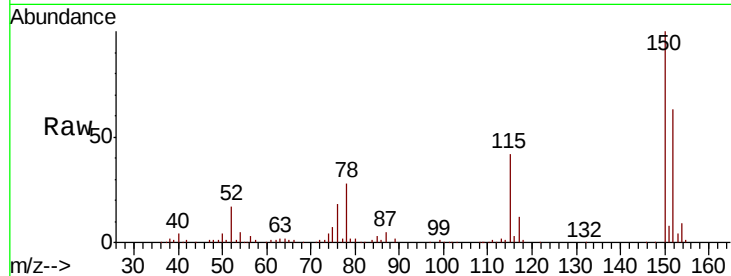
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.4	183.6
115	66.5	44.2	66.4

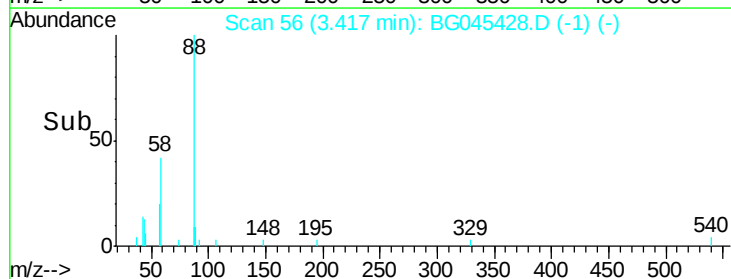
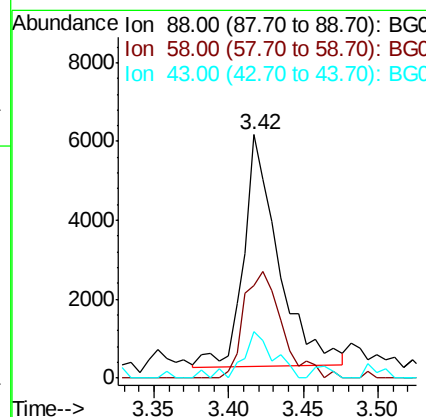
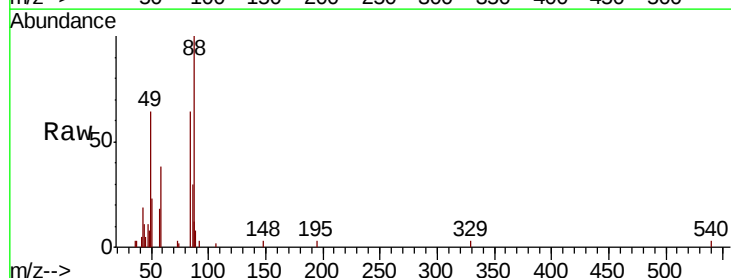
Manual Integrations
 APPROVED

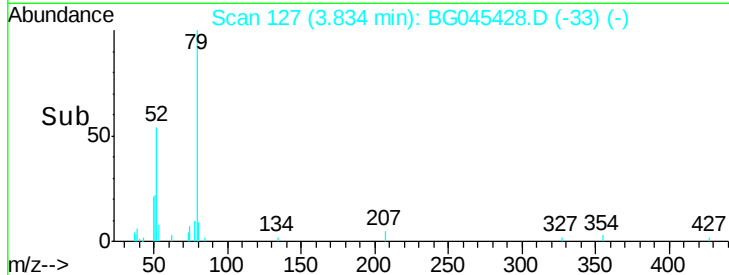
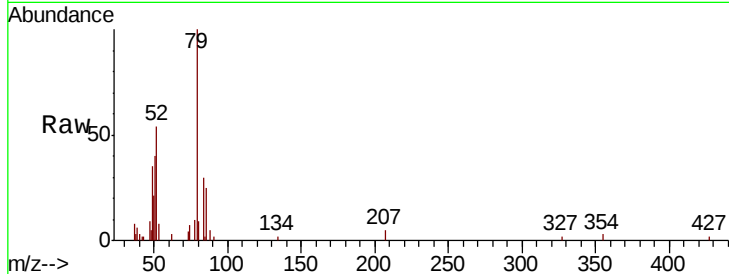
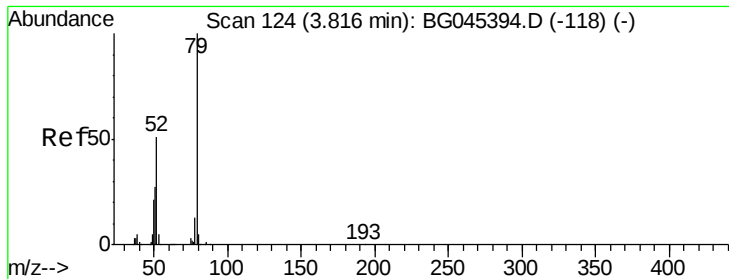
mohammad
 5/20/2020 1:19:58 PM



#2
 1,4-Dioxane
 Concen: 4.025 ng
 RT: 3.42 min Scan# 56
 Delta R.T. 0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	50.7	45.7	68.5
43	17.3	16.8	25.2





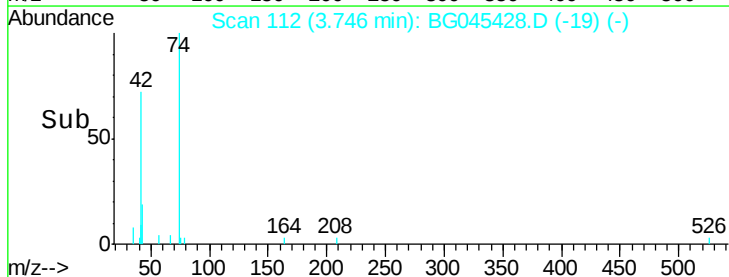
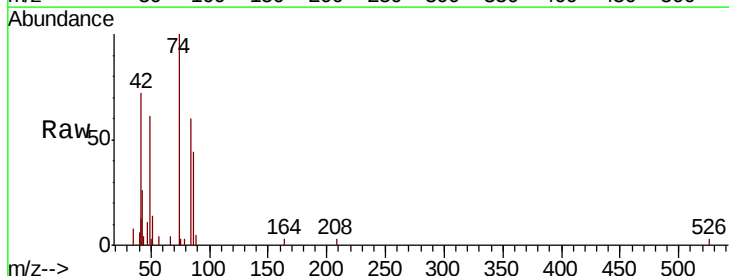
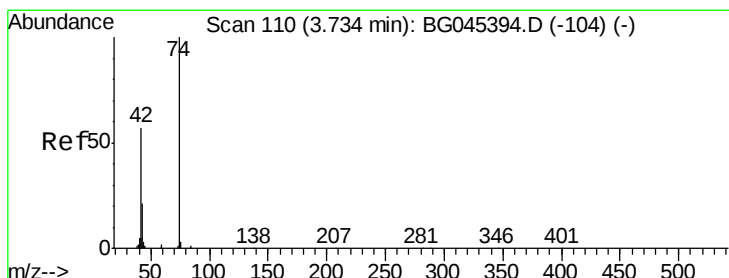
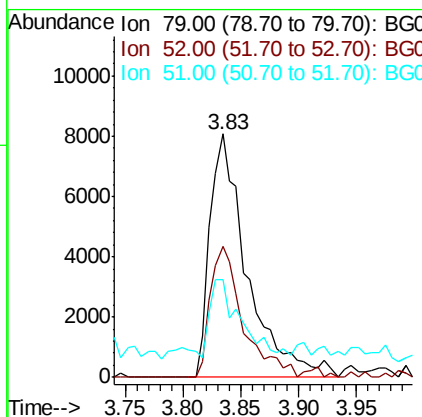
#3
 Pvridine
 Concen: 2.759 ng
 RT: 3.83 min Scan# 127
 Delta R.T. 0.02 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	53.8		40.8	61.2
51	39.9		21.9	32.9#

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

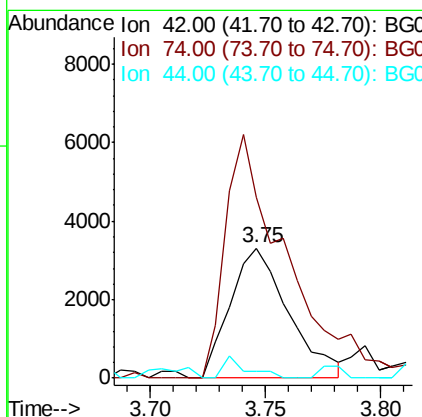
Manual Integrations
 APPROVED

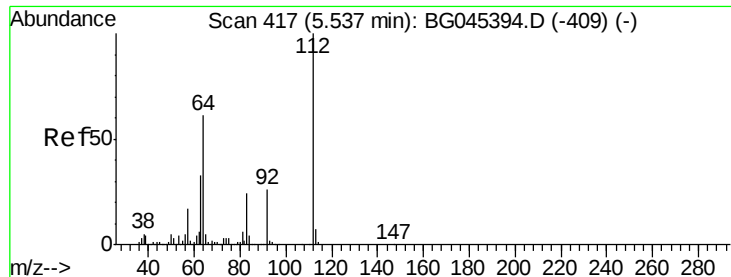
mohammad
 5/20/2020 1:19:58 PM



#4
 n-Nitrosodimethylamine
 Concen: 2.714 ng
 RT: 3.75 min Scan# 112
 Delta R.T. 0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	139.3		141.3	211.9#
44	4.9		4.2	6.4





#5

2-Fluorophenol

Concen: 122.338 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

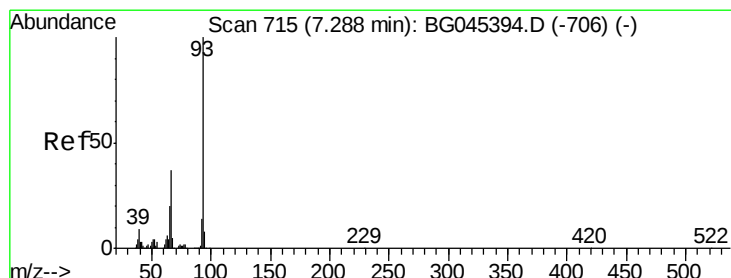
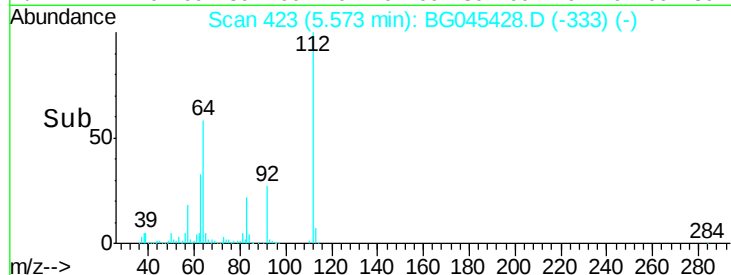
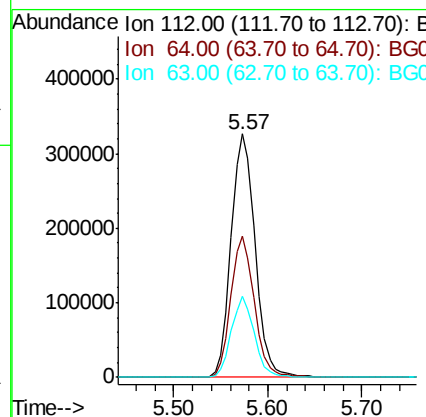
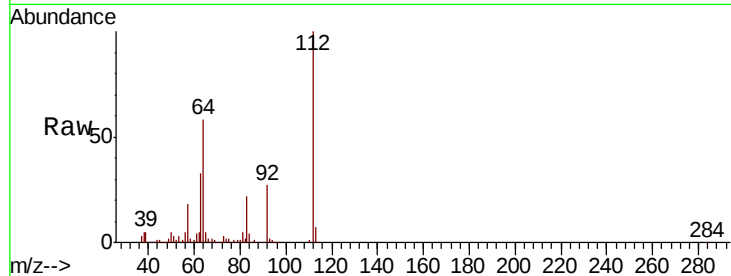
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	112	Resp:	580706
Ion Ratio	Lower	Upper	
112	100		
64	57.8	48.6	72.8
63	33.4	26.5	39.7

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#6

Aniline

Concen: 3.692 ng

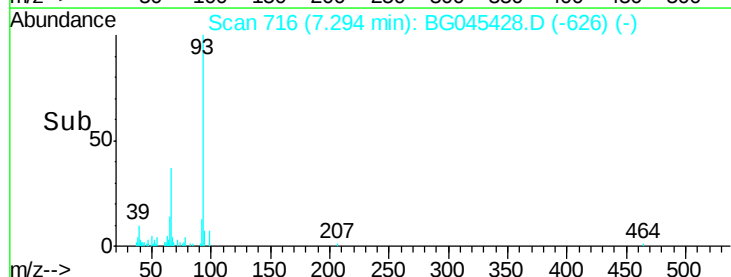
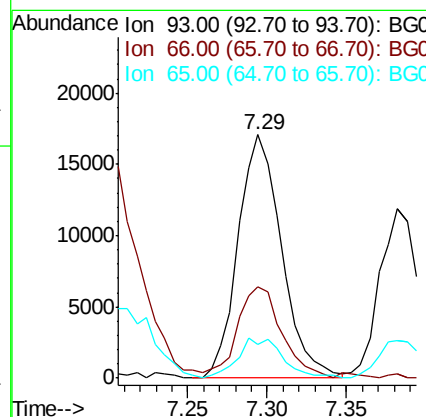
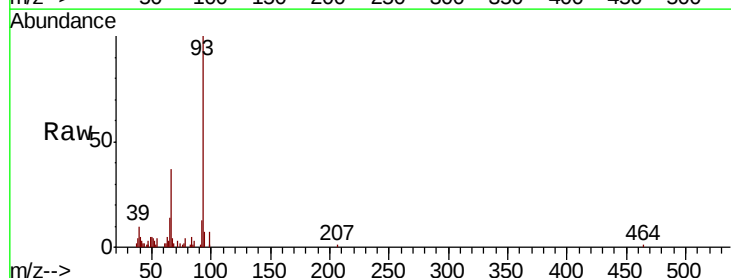
RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Tgt Ion:	93	Resp:	32561
Ion Ratio	Lower	Upper	
93	100		
66	37.3	29.6	44.4
65	13.9	15.9	23.9#





#7

Phenol-d6

Concen: 122.423 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

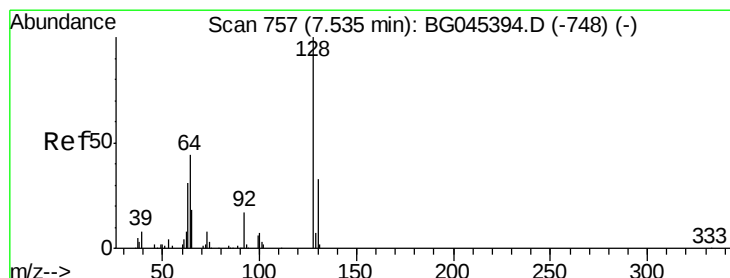
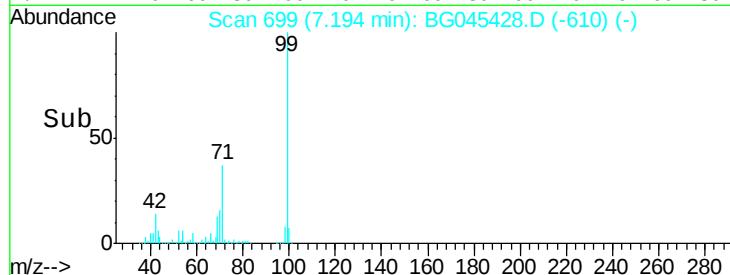
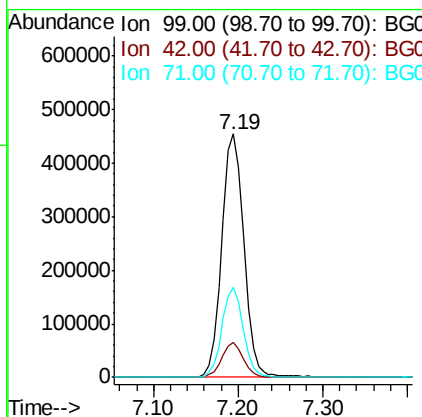
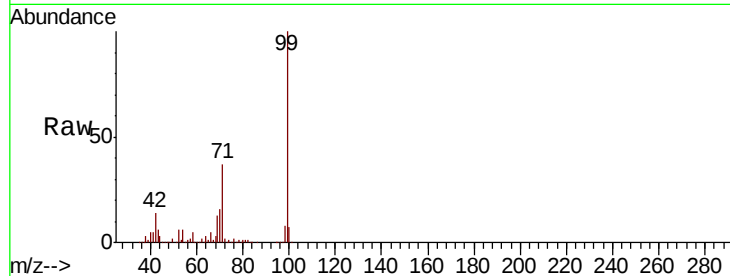
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	99	Resp:	827088
Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	37.2	30.8	46.2

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#8

2-Chlorophenol

Concen: 3.882 ng

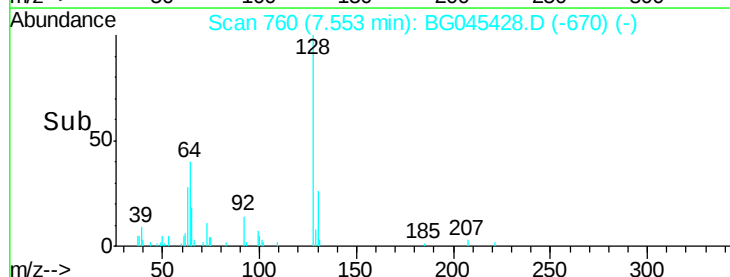
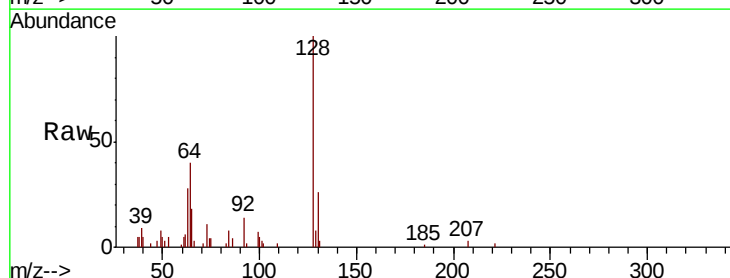
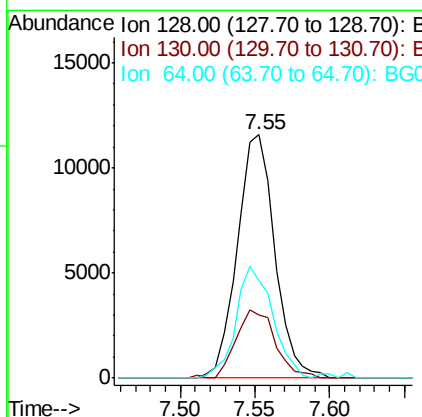
RT: 7.55 min Scan# 760

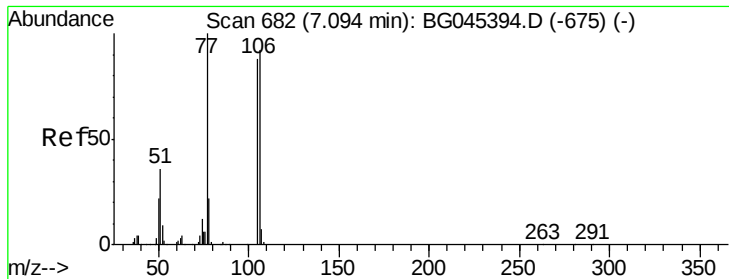
Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Tgt Ion:	128	Resp:	20206
Ion	Ratio	Lower	Upper
128	100		
130	25.9	12.6	52.6
64	40.4	27.0	67.0





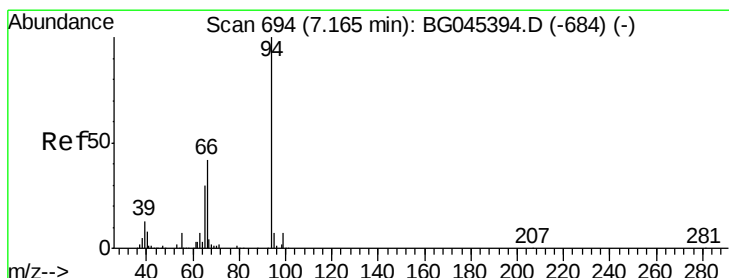
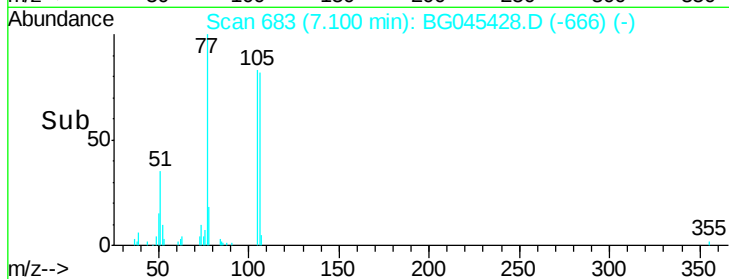
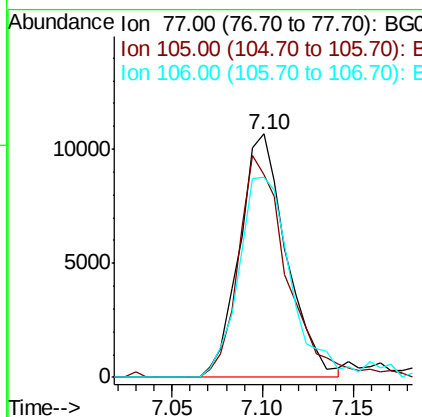
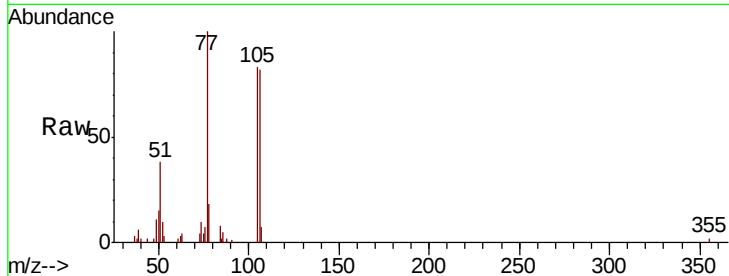
#9
Benzaldehyde
Concen: 4.368 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		19225		
105	83.2	68.5	108.5		
106	81.9	71.6	111.6		

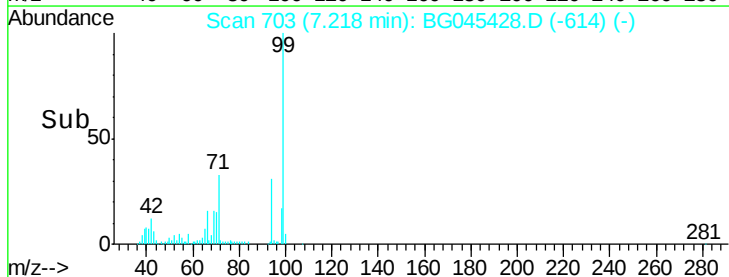
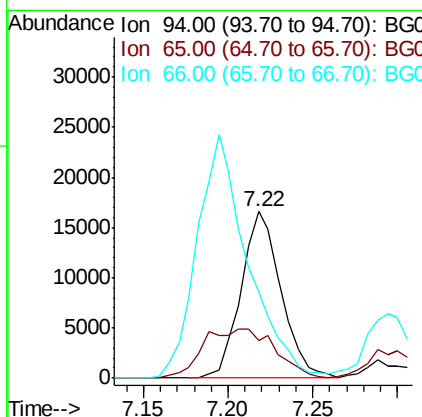
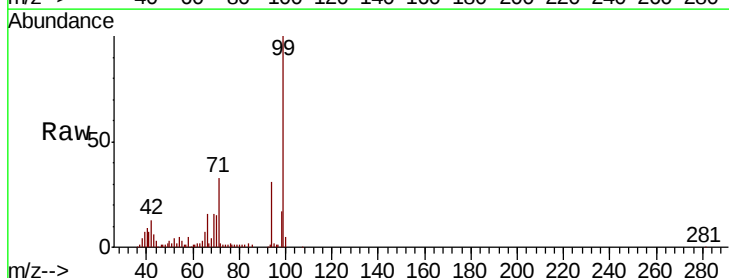
Manual Integrations
APPROVED

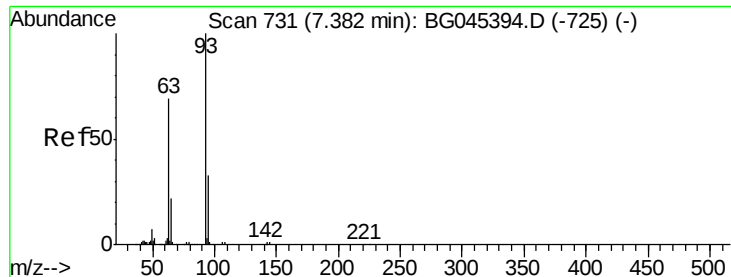
mohammad
5/20/2020 1:19:58 PM



#10
Phenol
Concen: 3.922 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		27309		
65	22.8	9.8	49.8		
66	51.4	22.0	62.0		





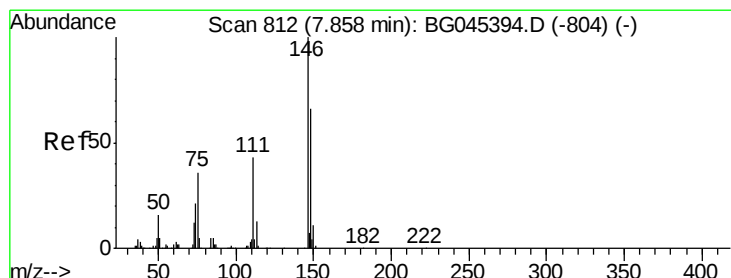
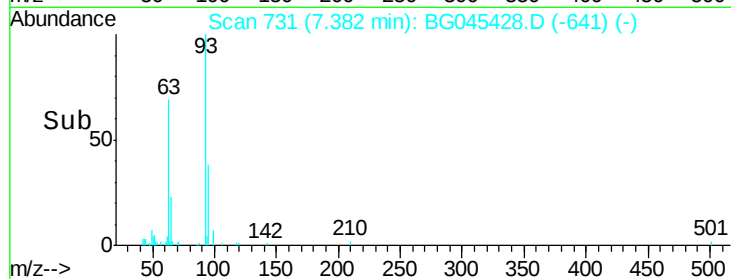
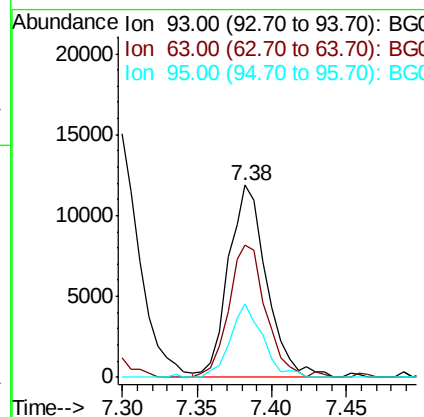
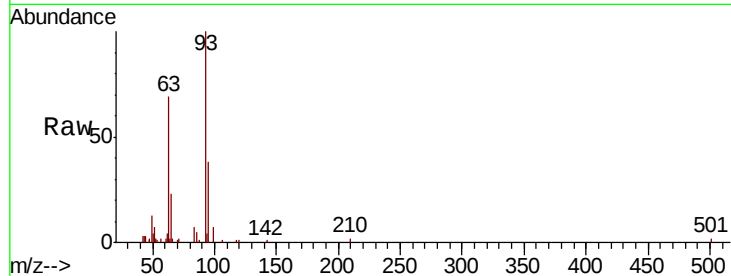
#11
bis(2-Chloroethyl)ether
Concen: 3.927 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	93	Resp:	21327
Ion	Ratio	Lower	Upper
93	100		
63	68.8	48.4	88.4
95	38.2	12.4	52.4

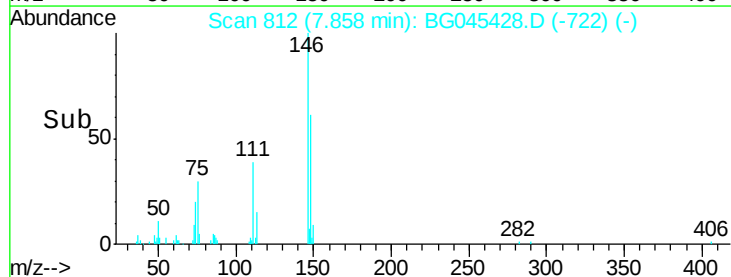
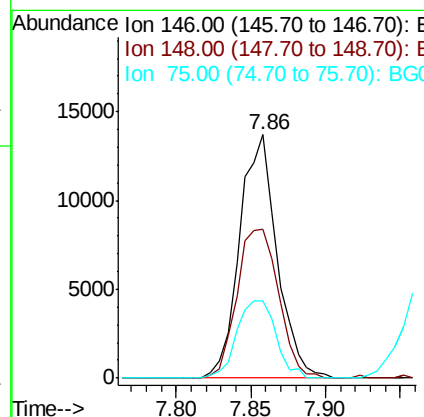
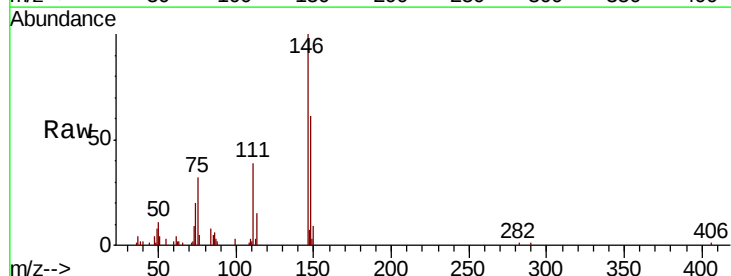
Manual Integrations
APPROVED

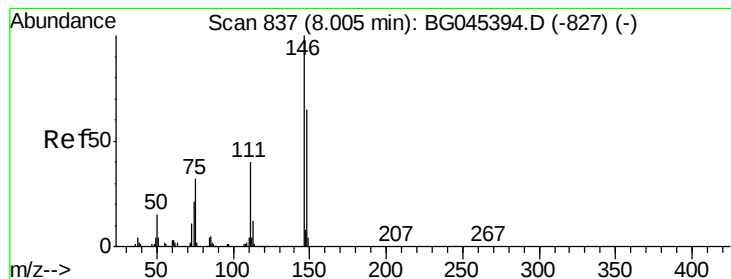
mohammad
5/20/2020 1:19:58 PM



#12
1,3-Dichlorobenzene
Concen: 3.800 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	146	Resp:	23772
Ion	Ratio	Lower	Upper
146	100		
148	61.0	53.2	79.8
75	31.6	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 4.062 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

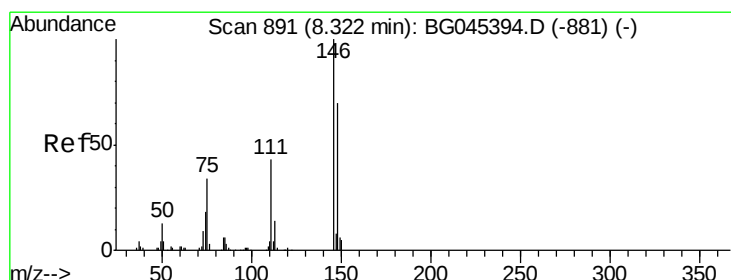
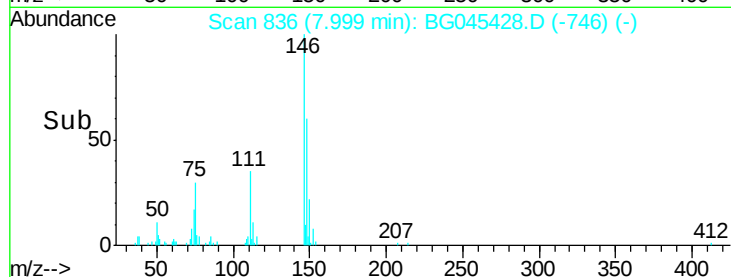
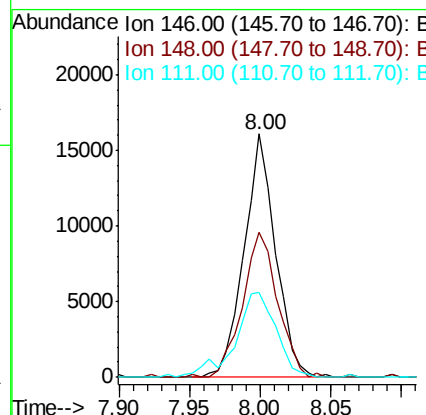
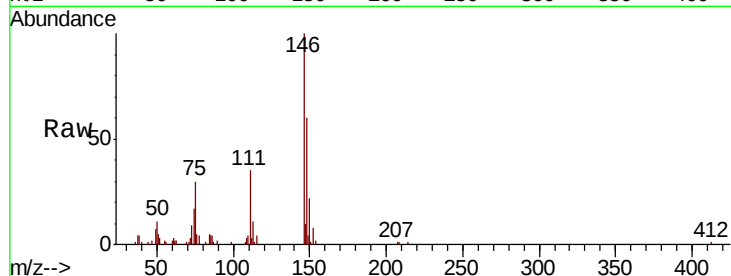
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	146	Resp:	25076
Ion Ratio	Lower	Upper	
146	100		
148	59.6	51.8	77.8
111	35.1	32.1	48.1

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#14

1,2-Dichlorobenzene

Concen: 3.923 ng

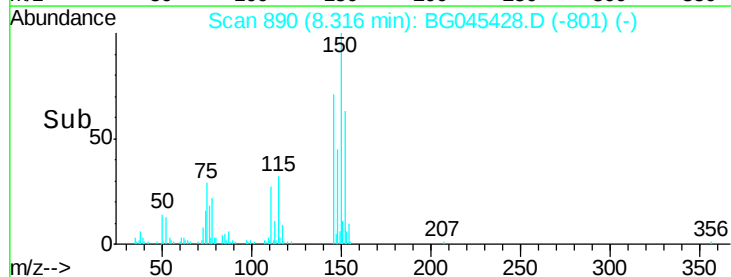
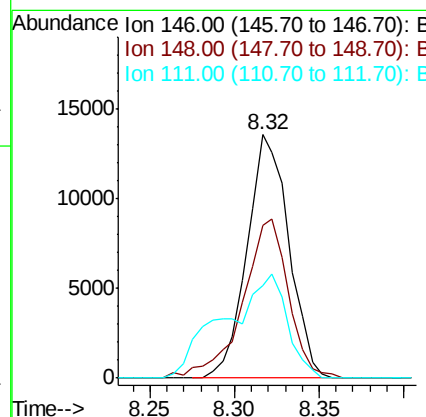
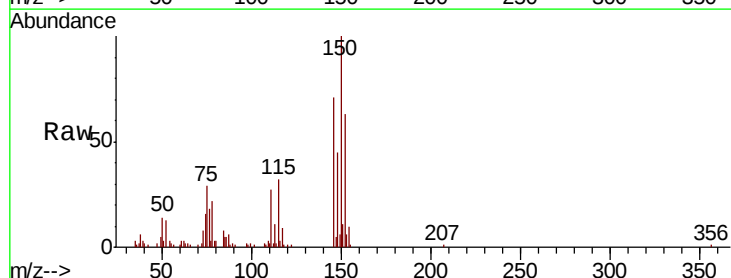
RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Tgt Ion:	146	Resp:	23295
Ion Ratio	Lower	Upper	
146	100		
148	62.9	55.9	83.9
111	38.1	35.0	52.4





#15

Benzyl Alcohol

Concen: 3.291 ng

RT: 8.22 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

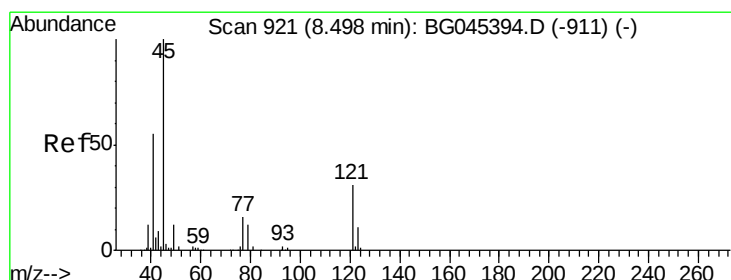
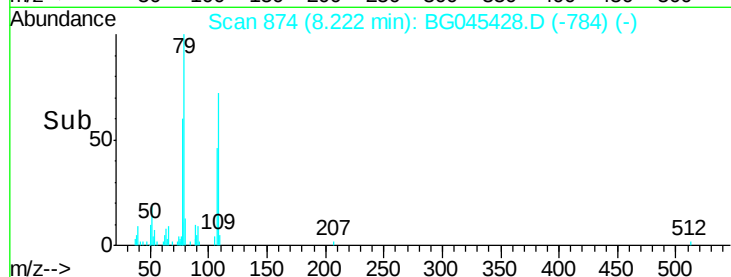
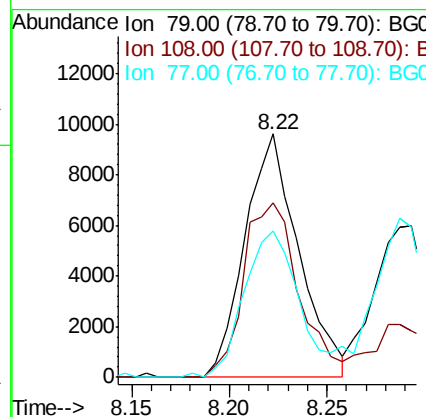
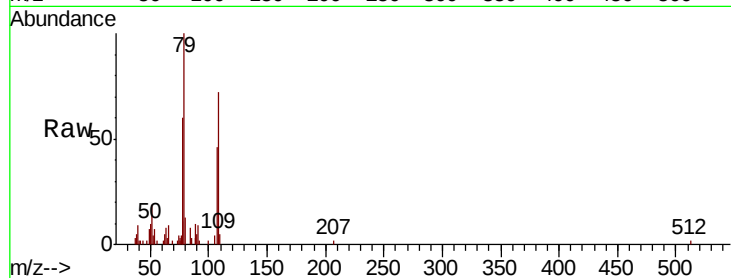
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	79	Resp:	18367
Ion Ratio	Lower	Upper	
79	100		
108	71.7	58.2	87.4
77	60.1	51.0	76.4

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.992 ng

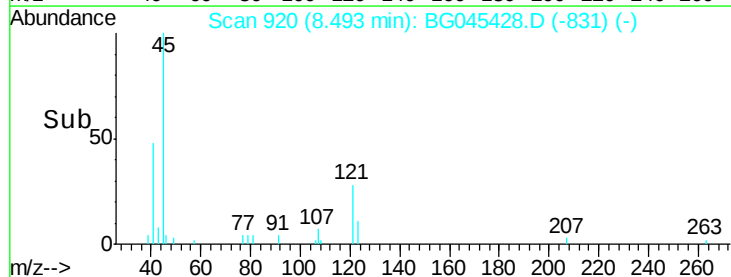
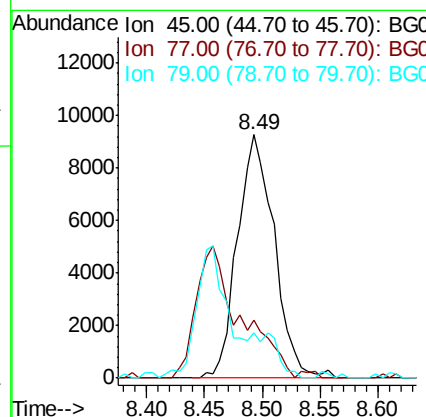
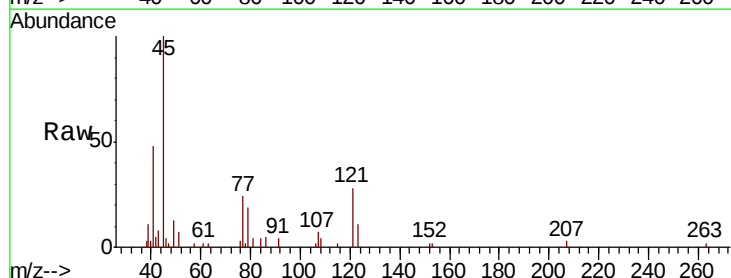
RT: 8.49 min Scan# 920

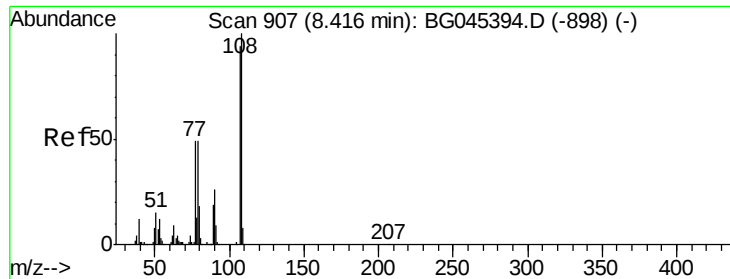
Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Tgt Ion:	45	Resp:	20579
Ion Ratio	Lower	Upper	
45	100		
77	23.8	4.0	44.0
79	18.6	0.0	38.6





#17

2-Methylphenol

Concen: 3.786 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

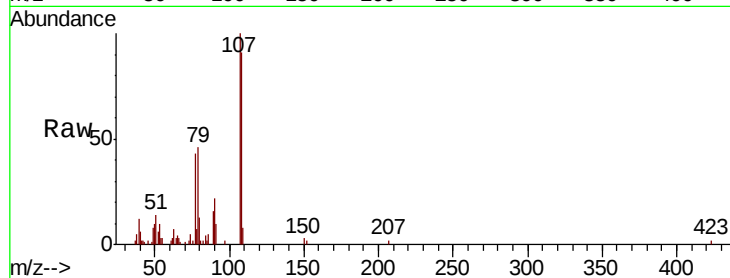
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	90.6	85.2	127.8	
77	43.1	41.6	62.4	
79	45.9	41.8	62.8	

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



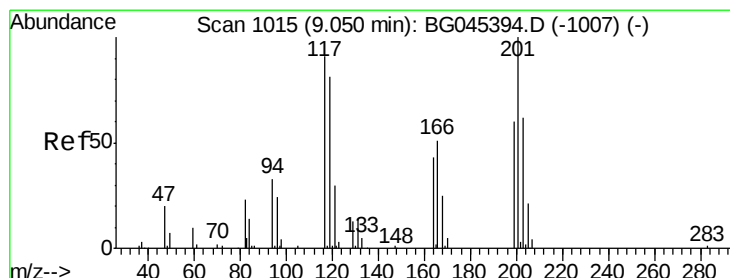
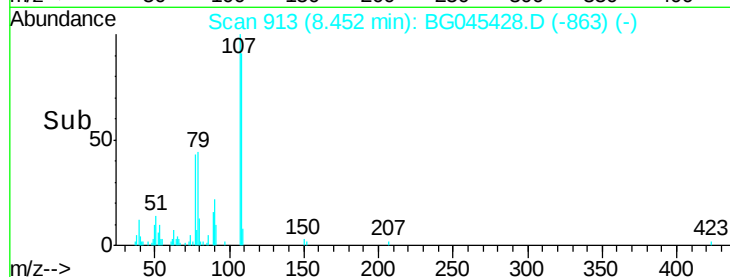
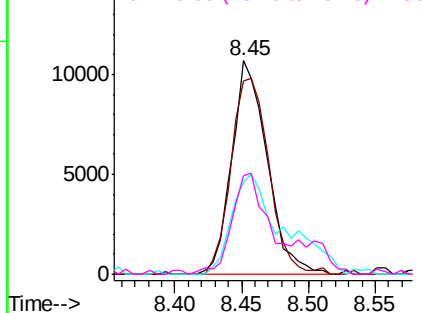
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 3.788 ng

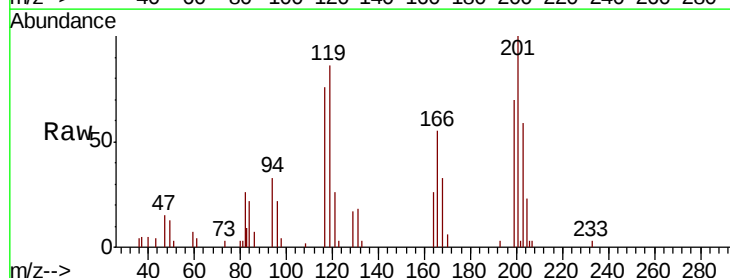
RT: 9.05 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	113.0	71.3	106.9#	
201	131.8	87.5	131.3#	

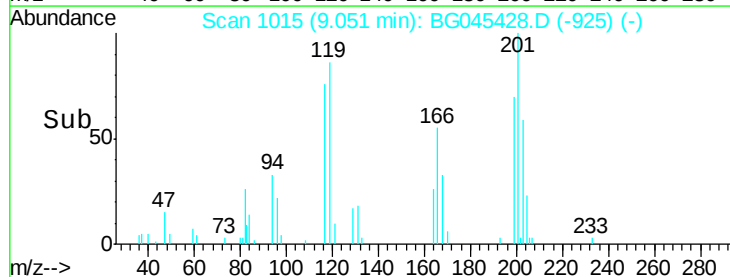
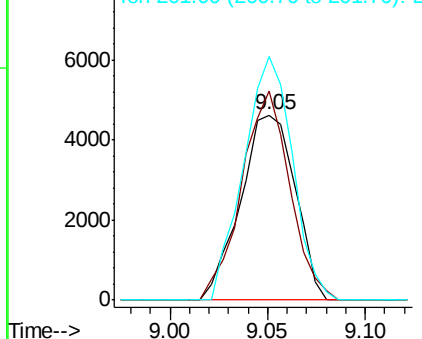


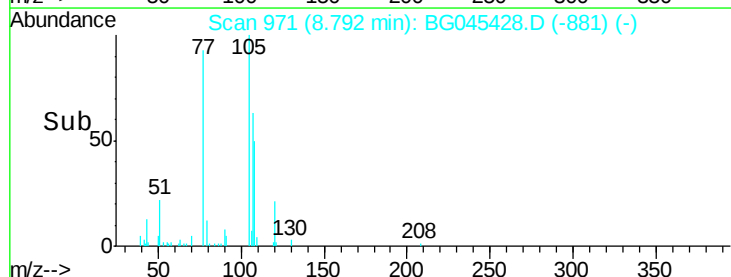
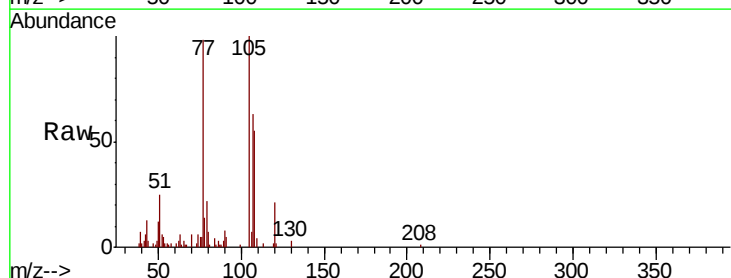
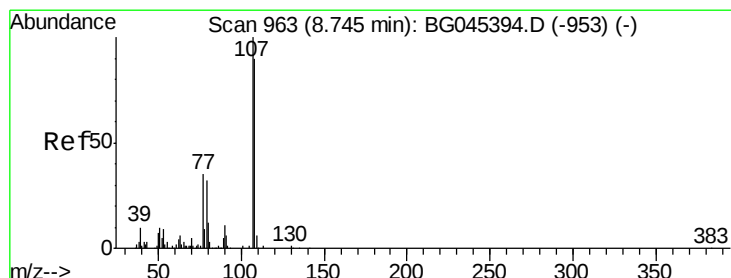
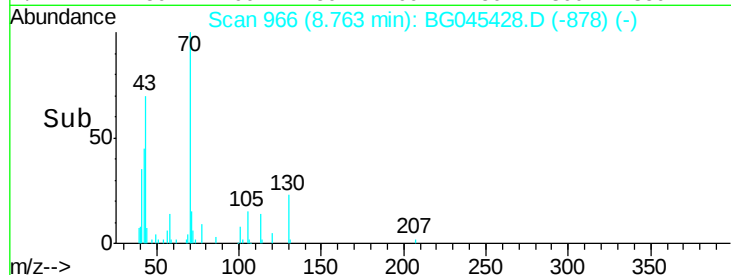
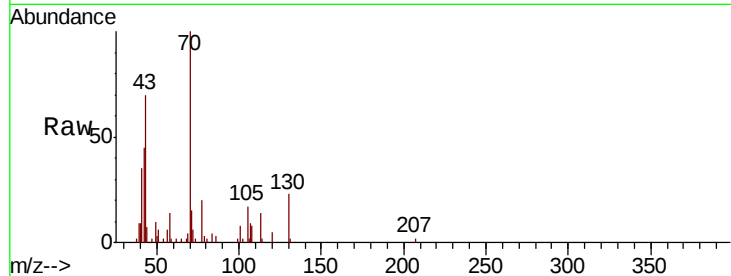
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

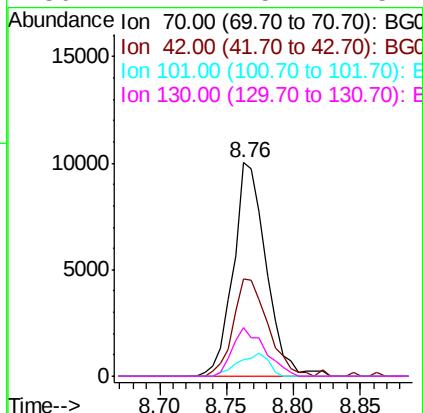
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 3.671 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		17151		
42	45.5	33.2	49.8		
101	7.9	7.8	11.6		
130	22.7	15.4	23.2		



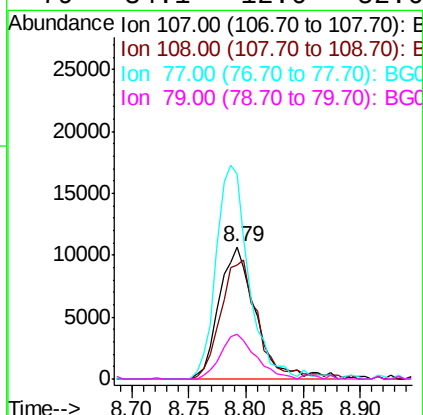
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

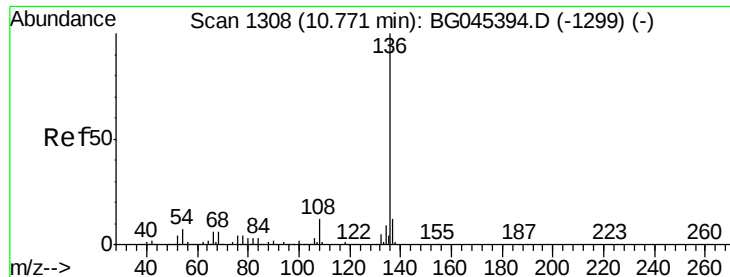
Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM

#20
3+4-Methylphenols
Concen: 3.367 ng m
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		23893		
108	86.8	70.3	110.3		
77	155.6	15.4	55.4#		
79	34.1	12.6	52.6		





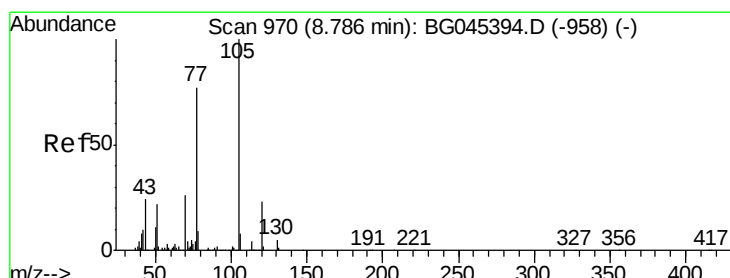
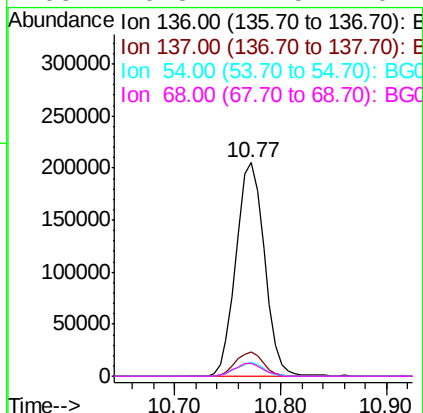
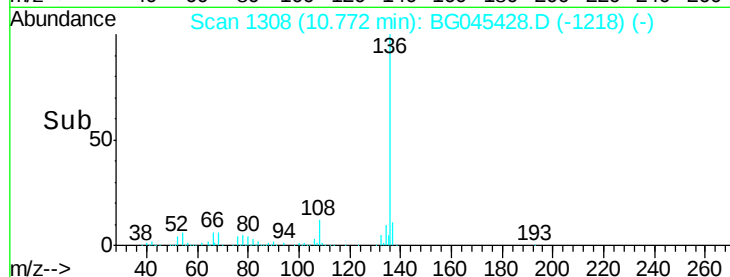
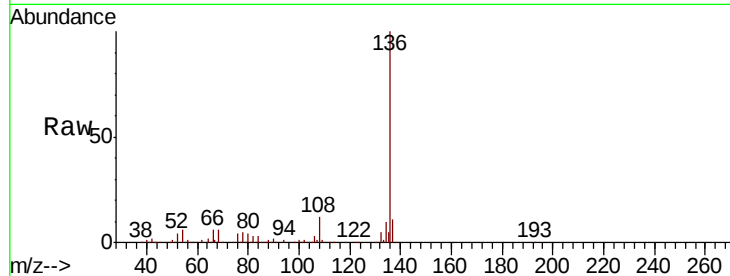
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.4	14.2	
54	6.4	5.8	8.6	
68	6.3	4.5	6.7	

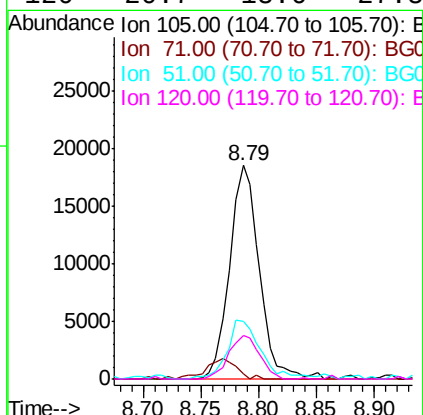
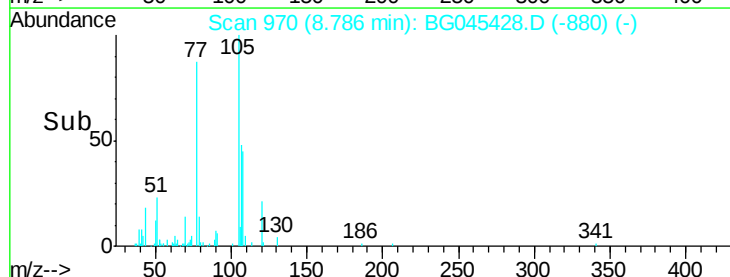
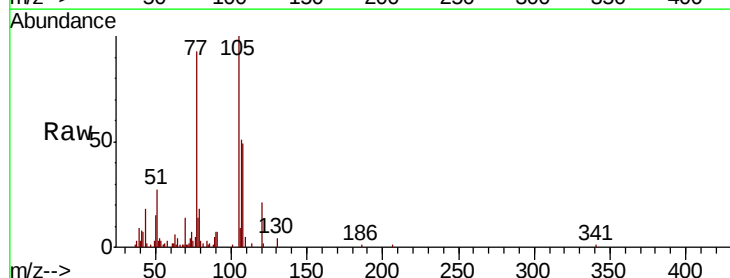
Manual Integrations
APPROVED

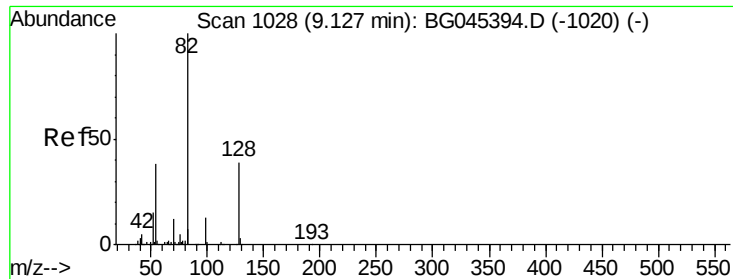
mohammad
5/20/2020 1:19:58 PM



#22
Acetophenone
Concen: 3.626 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.2	3.4	5.0#	
51	26.8	18.2	27.2	
120	20.7	18.6	27.8	





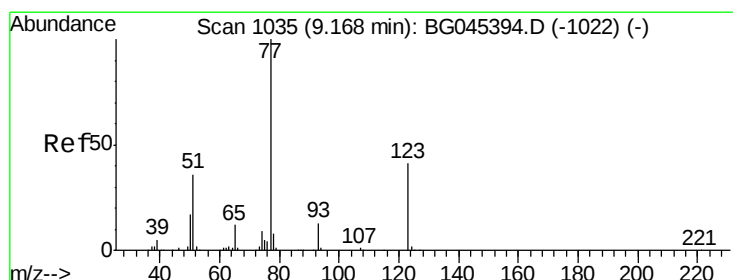
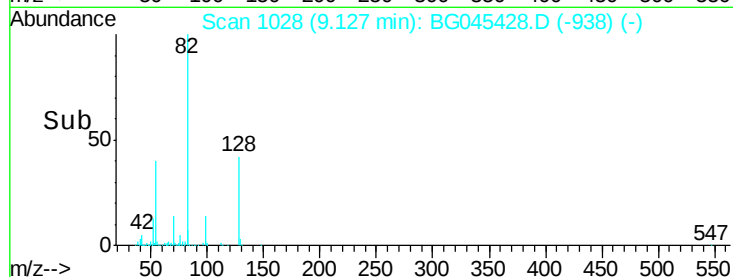
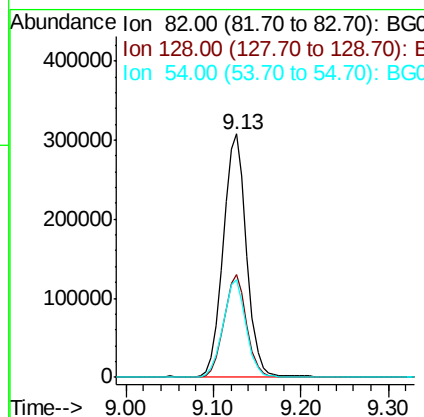
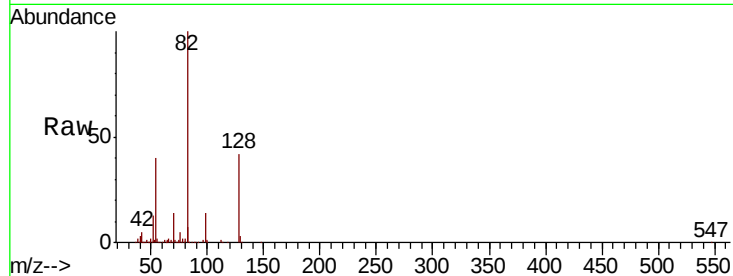
#23
Nitrobenzene-d5
Concen: 80.310 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.2	30.9	46.3	
54	40.1	30.3	45.5	

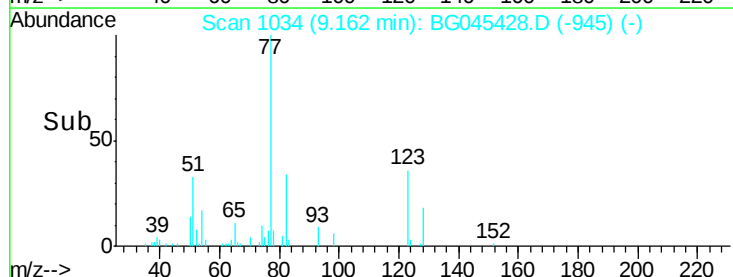
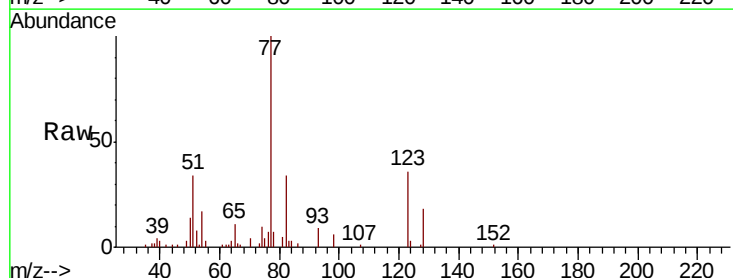
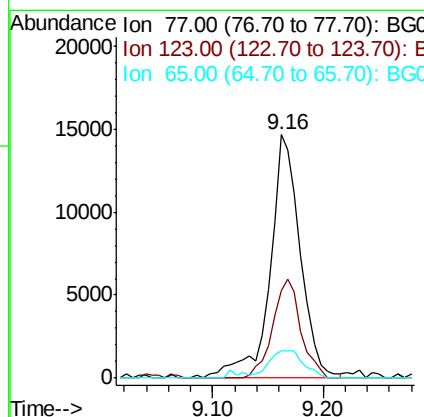
Manual Integrations
APPROVED

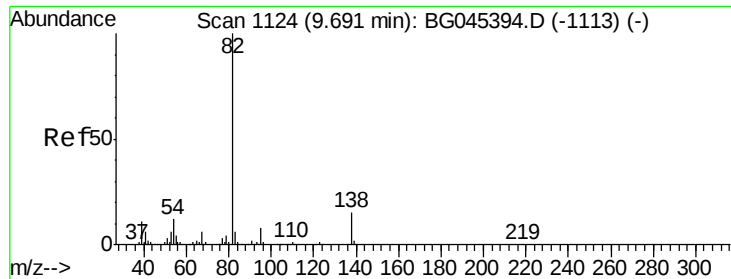
mohammad
5/20/2020 1:19:58 PM



#24
Nitrobenzene
Concen: 3.705 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.7	32.9	49.3	
65	11.2	9.4	14.2	





#25

Isophorone

Concen: 3.725 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

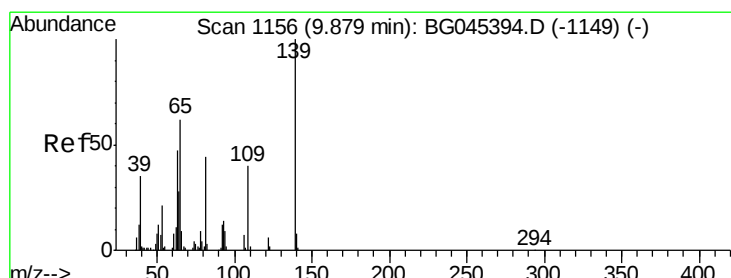
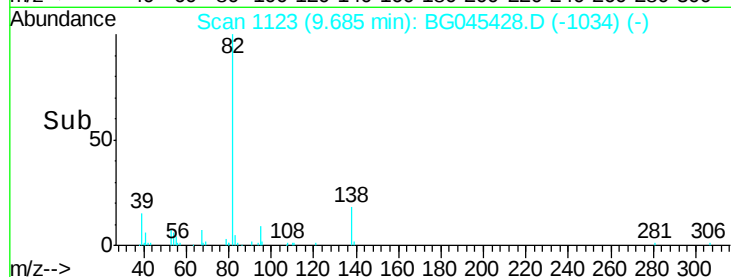
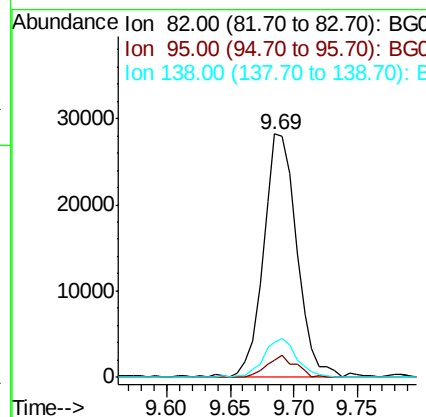
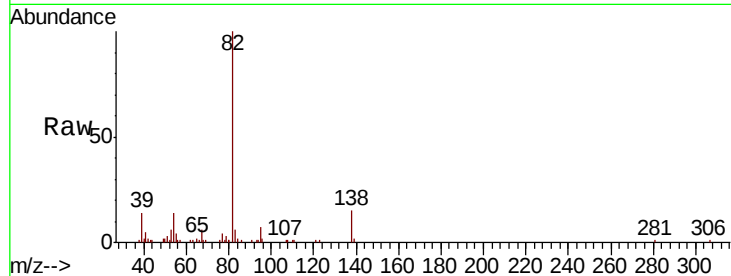
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	82	Resp:	51601
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.7	10.1
138	14.6	12.2	18.4

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#26

2-Nitrophenol

Concen: 3.572 ng

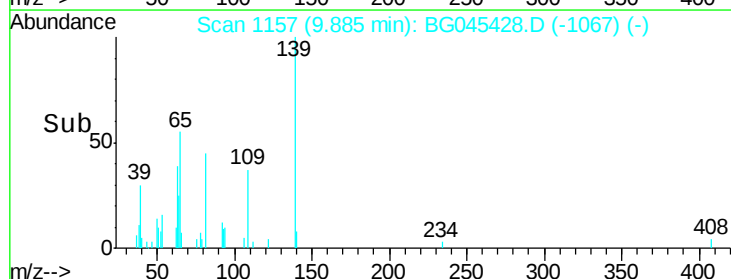
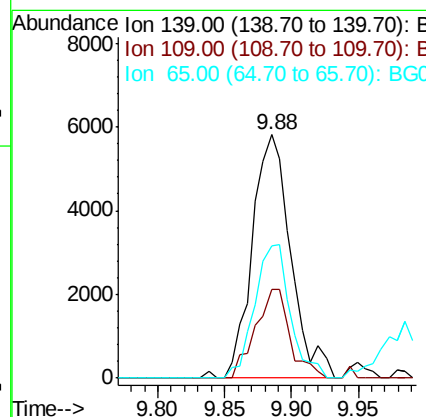
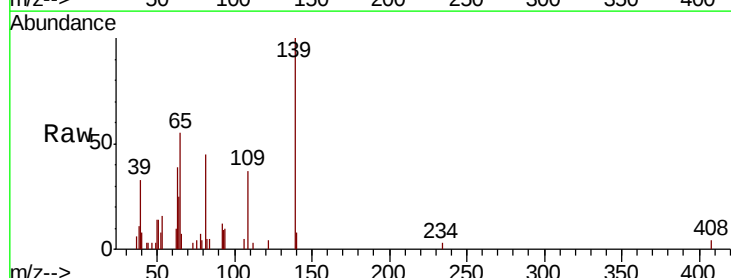
RT: 9.88 min Scan# 1157

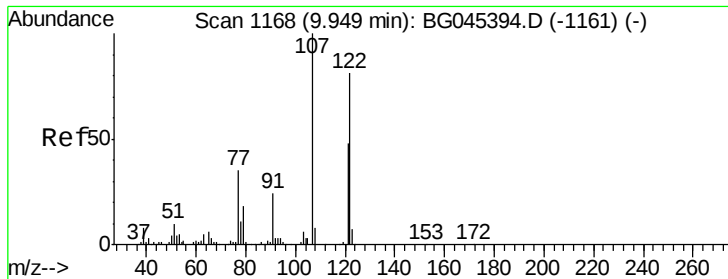
Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Tgt Ion:	139	Resp:	11514
Ion Ratio	Lower	Upper	
139	100		
109	36.5	32.2	48.4
65	54.6	49.6	74.4





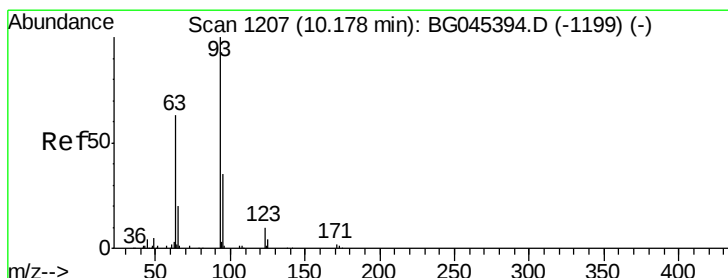
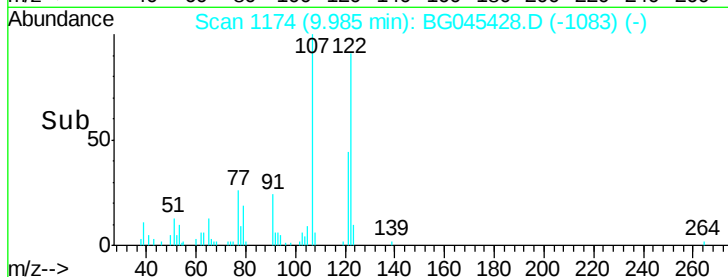
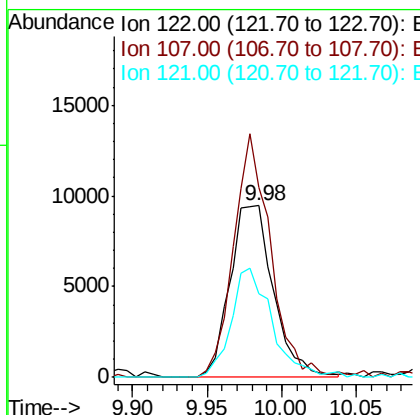
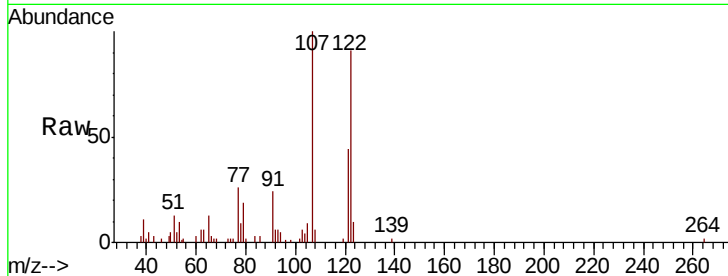
#27
 2,4-Dimethylphenol
 Concen: 4.023 ng
 RT: 9.98 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	19234		
107	110.3	99.0	148.4	
121	48.5	47.7	71.5	

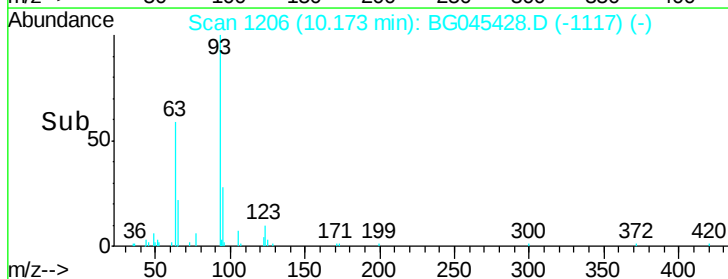
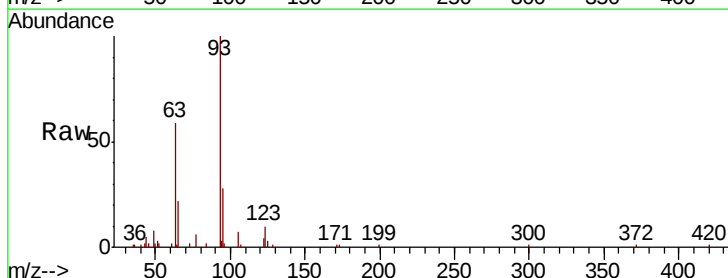
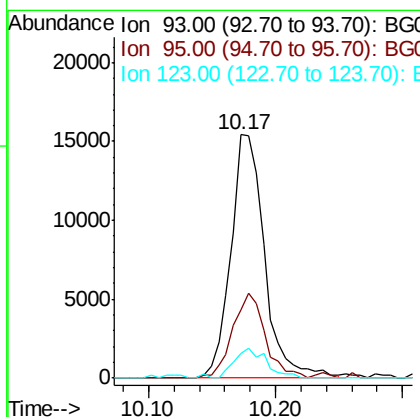
Manual Integrations
 APPROVED

mohammad
 5/20/2020 1:19:58 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.907 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	28380		
95	27.8	27.6	41.4	
123	10.0	8.1	12.1	





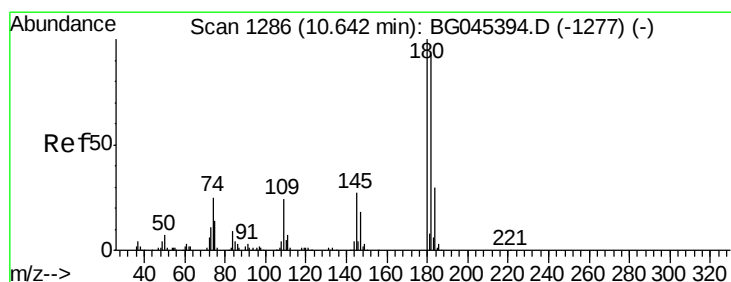
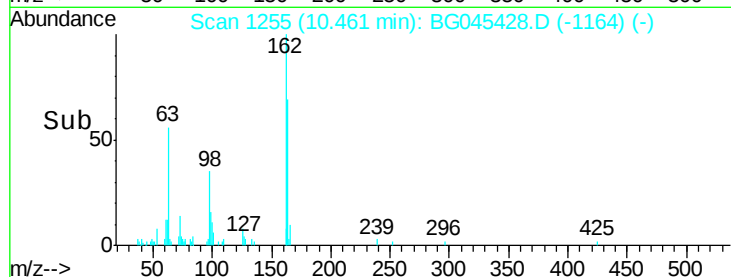
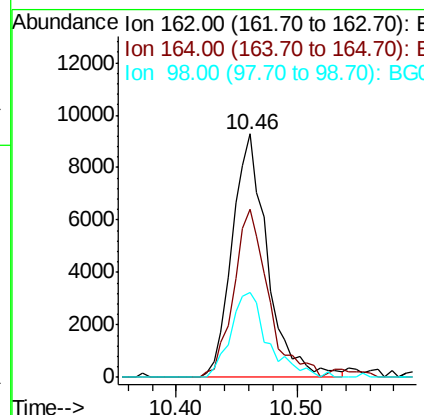
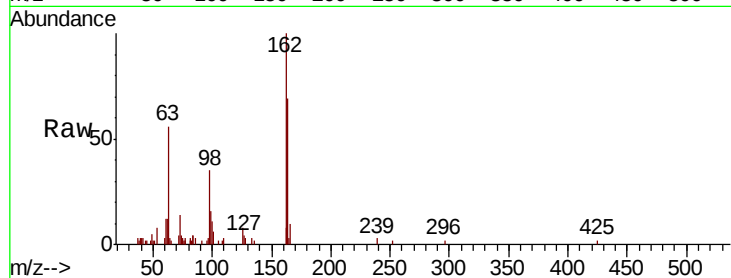
#29
 2,4-Dichlorophenol
 Concen: 3.334 ng
 RT: 10.46 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

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

Tot Ion:	162	Resp:	18823
Ion Ratio	Lower	Upper	
162	100		
164	68.9	46.8	86.8
98	35.1	15.2	55.2

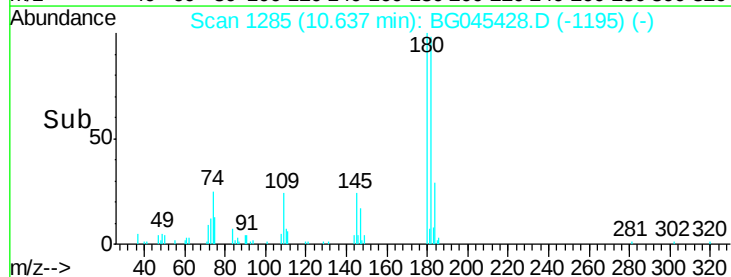
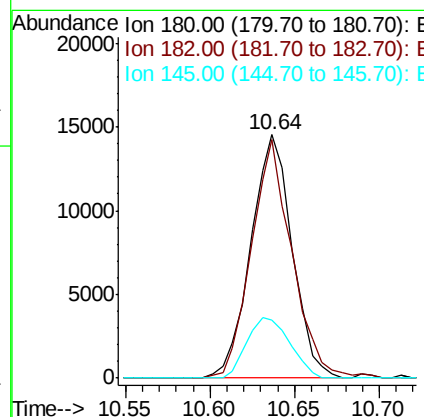
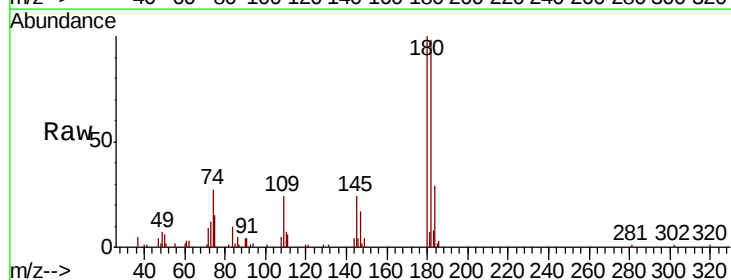
Manual Integrations
 APPROVED

mohammad
 5/20/2020 1:19:58 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 3.693 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion:	180	Resp:	24637
Ion Ratio	Lower	Upper	
180	100		
182	98.0	74.8	112.2
145	23.7	21.9	32.9





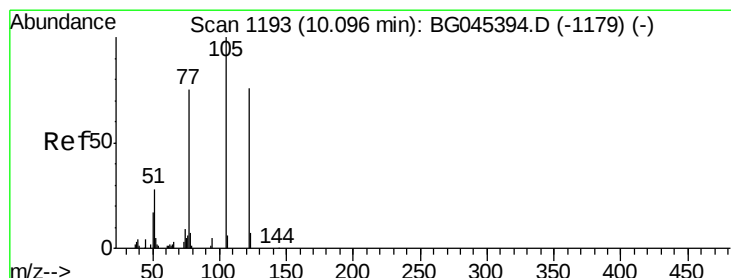
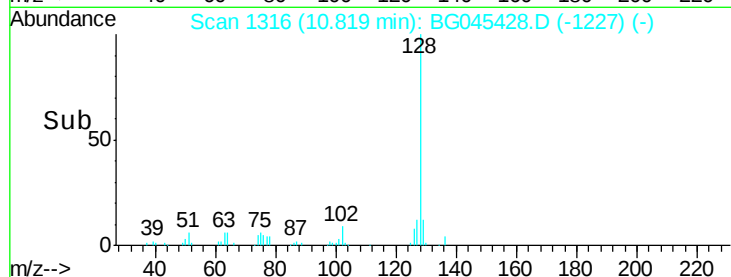
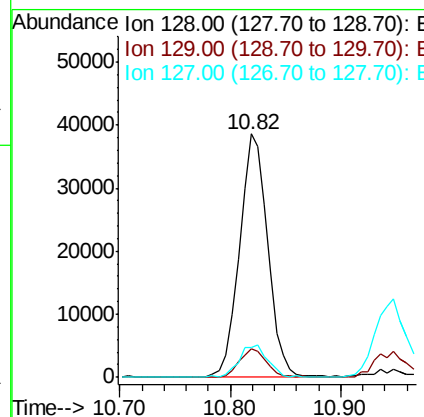
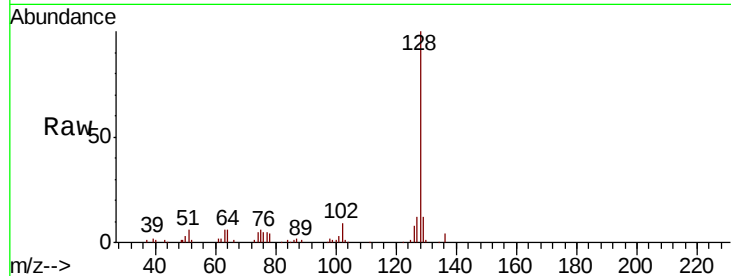
#31
Naphthalene
Concen: 3.885 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	12.2	10.7	16.1

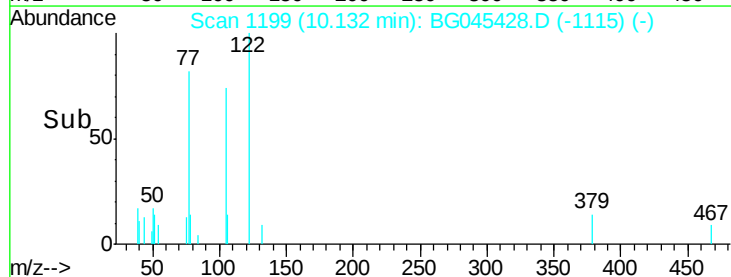
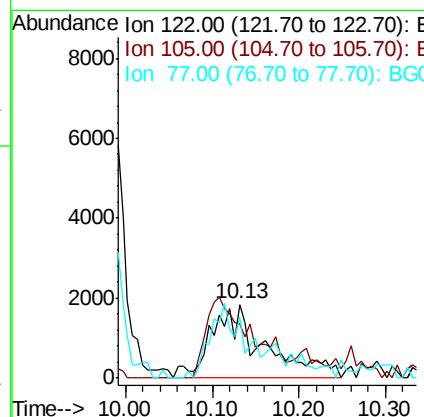
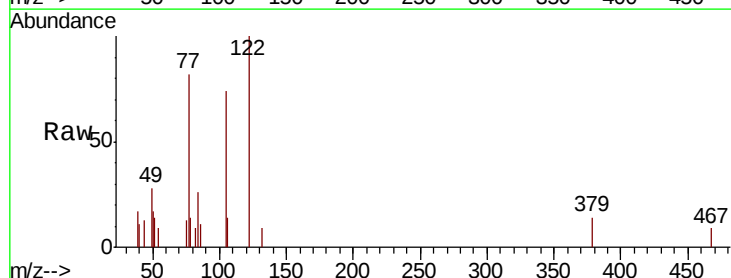
Manual Integrations
APPROVED

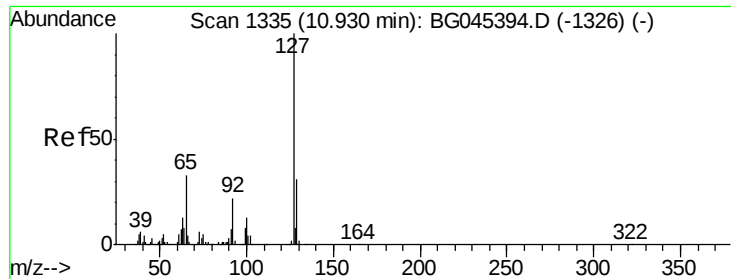
mohammad
5/20/2020 1:19:58 PM



#32
Benzoic acid
Concen: 2.627 ng m
RT: 10.13 min Scan# 1199
Delta R.T. -0.04 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	73.7	107.9	147.9#
77	81.7	78.9	118.9





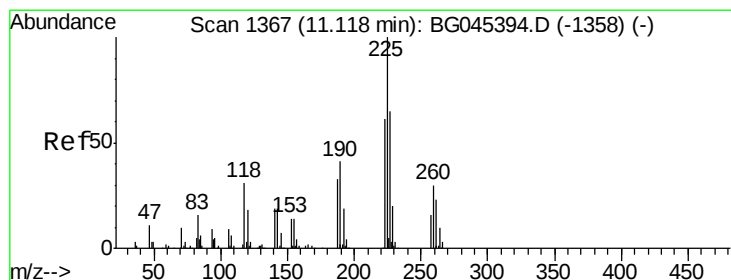
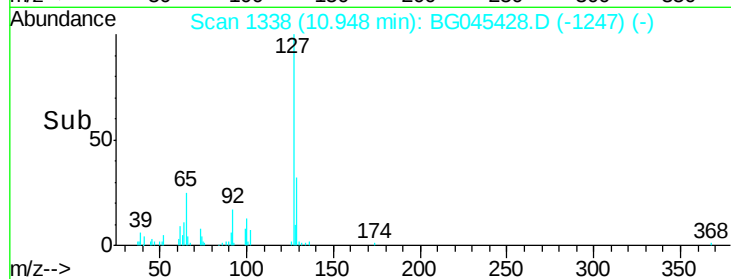
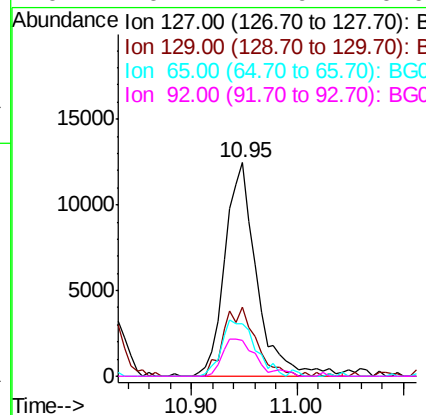
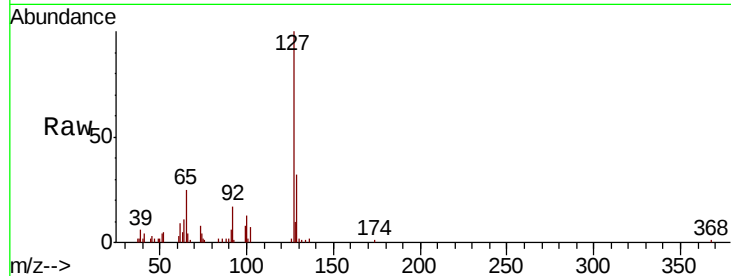
#33
4-Chloroaniline
Concen: 3.490 ng
RT: 10.95 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.7	37.1
65	24.5	26.2	39.2#
92	16.7	17.9	26.9#

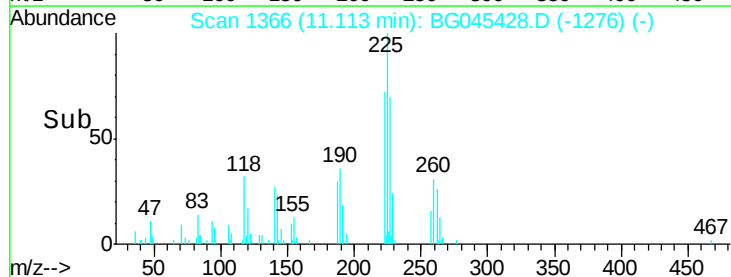
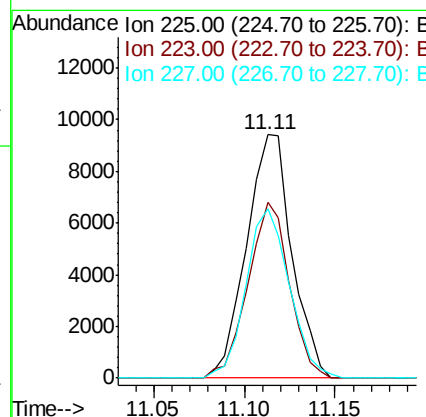
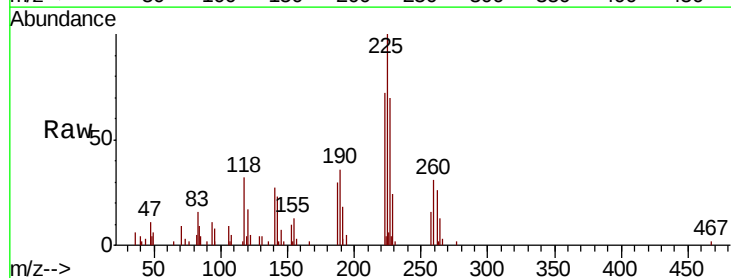
Manual Integrations
APPROVED

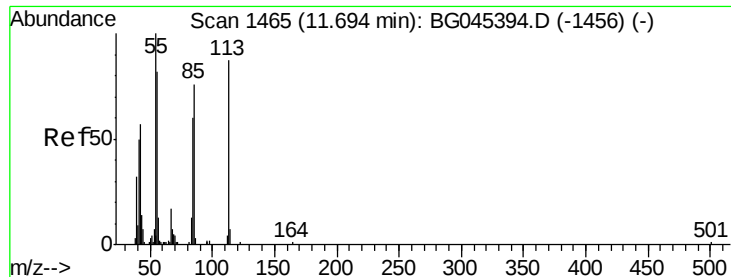
mohammad
5/20/2020 1:19:58 PM



#34
Hexachlorobutadiene
Concen: 3.502 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	72.2	49.1	73.7
227	69.8	52.0	78.0





#35

Caprolactam

Concen: 3.720 ng

RT: 11.69 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

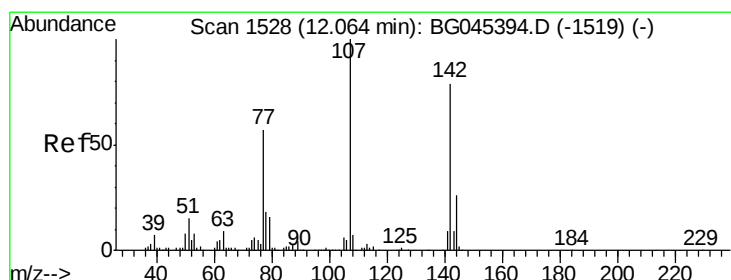
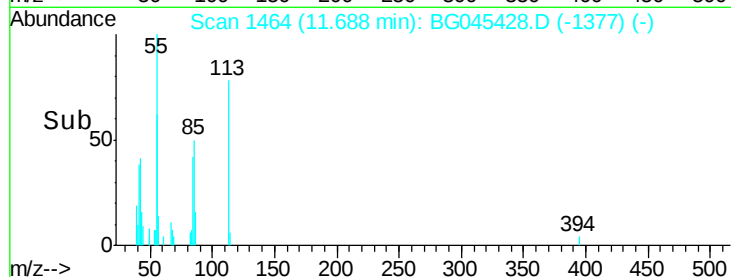
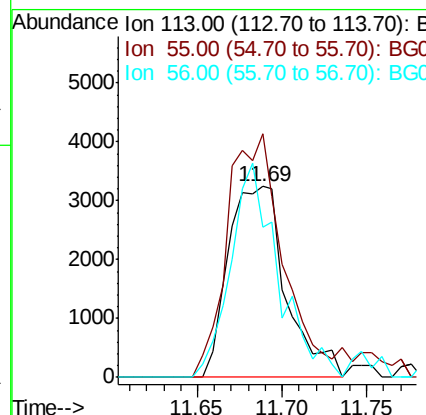
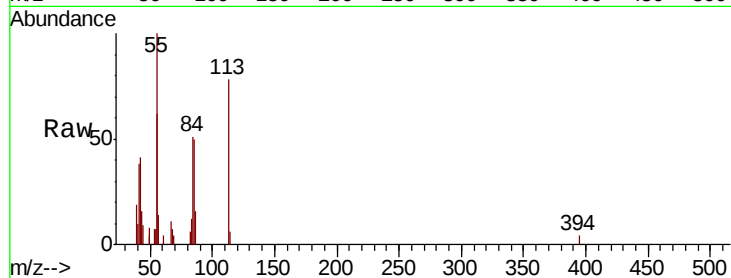
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	113	Resp:	7708
Ion	Ratio	Lower	Upper
113	100		
55	127.7	96.0	136.0
56	78.6	75.1	115.1

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#36

4-Chloro-3-methylphenol

Concen: 3.558 ng

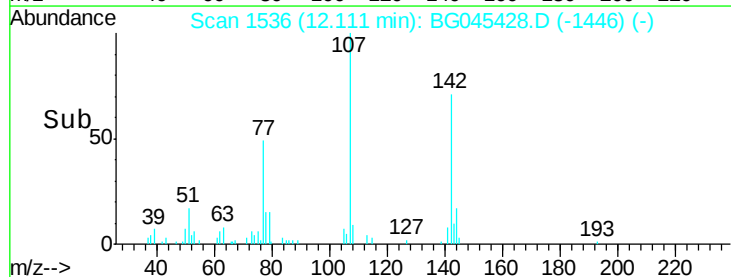
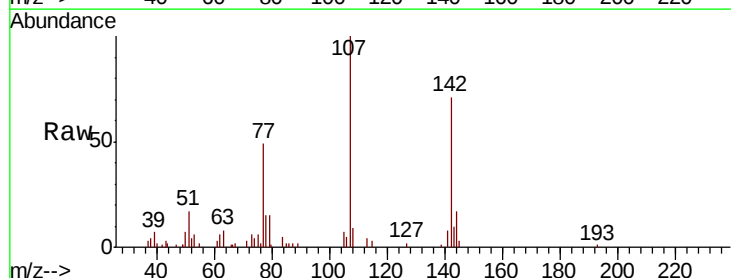
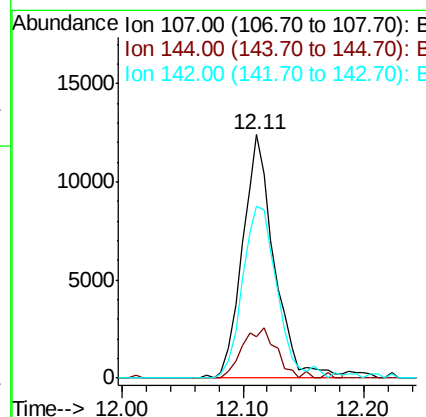
RT: 12.11 min Scan# 1536

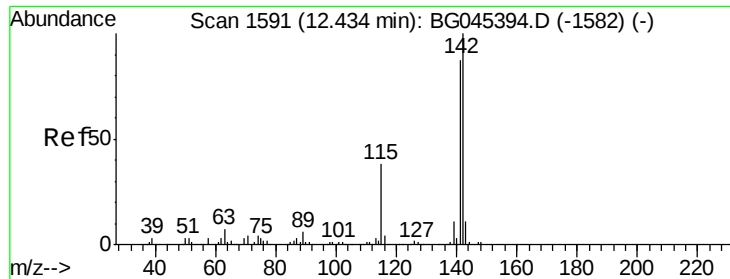
Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Tgt Ion:	107	Resp:	22634
Ion	Ratio	Lower	Upper
107	100		
144	16.7	20.8	31.2#
142	70.6	62.8	94.2





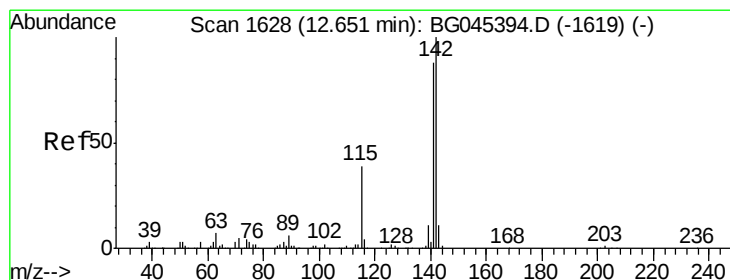
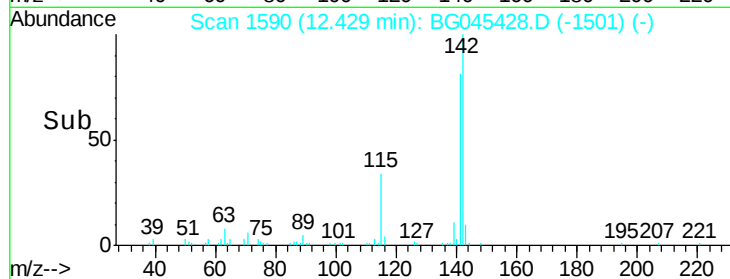
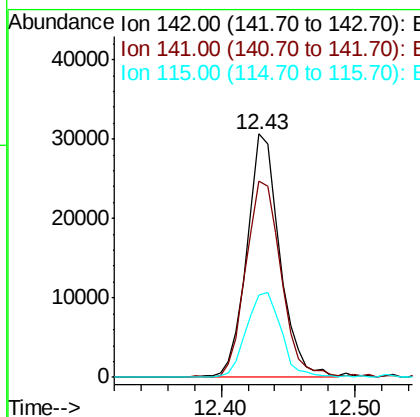
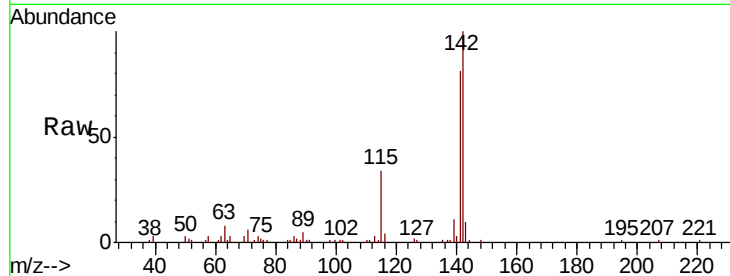
#37
2-Methylnaphthalene
Concen: 3.896 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	80.5	70.0	105.0
115	34.0	30.8	46.2

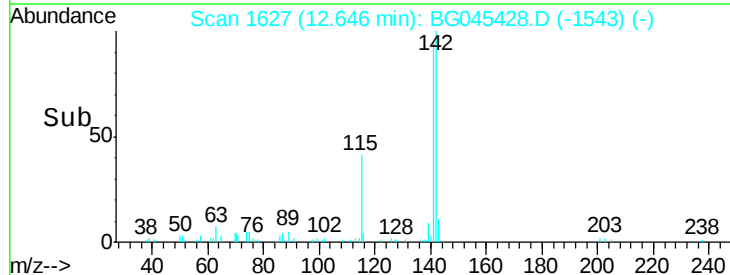
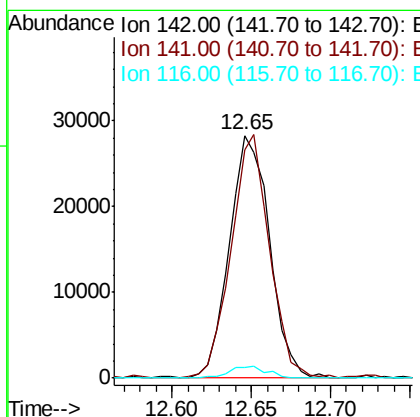
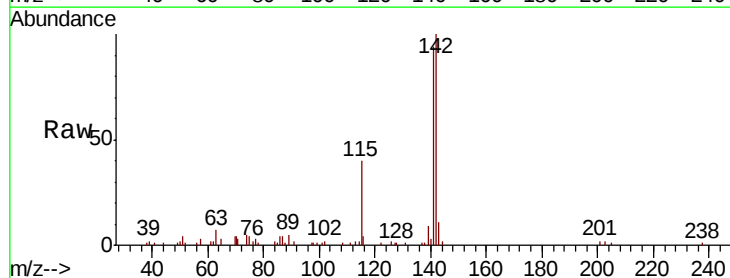
Manual Integrations
APPROVED

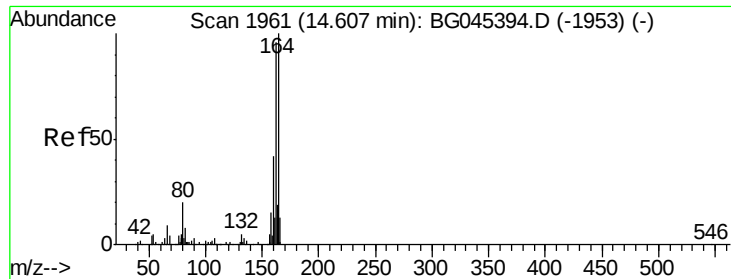
mohammad
5/20/2020 1:19:58 PM



#38
1-Methylnaphthalene
Concen: 3.940 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	70.8	106.2
116	4.1	3.0	4.6





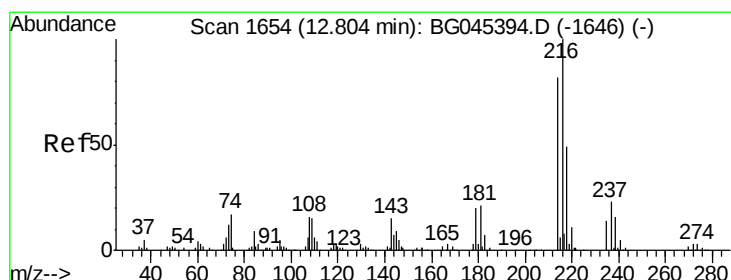
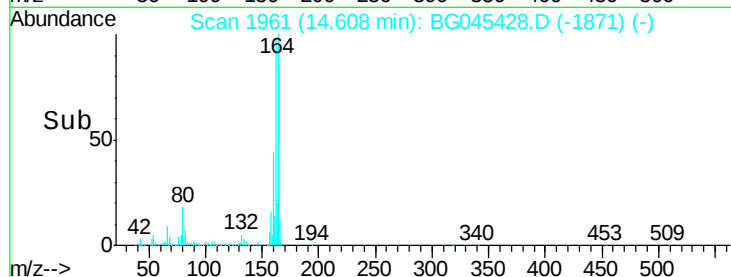
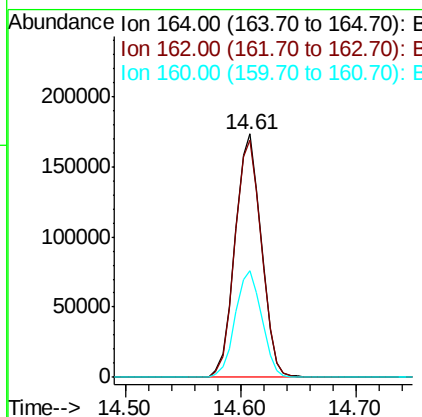
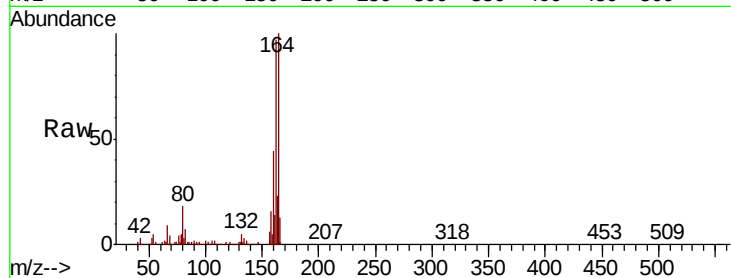
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.4	76.9	115.3
160	43.8	33.8	50.8

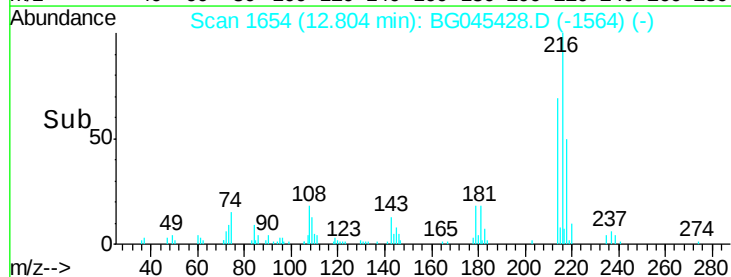
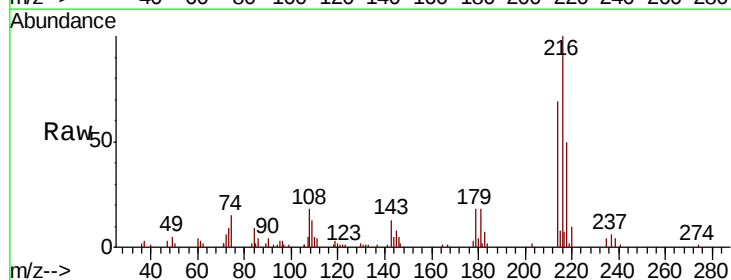
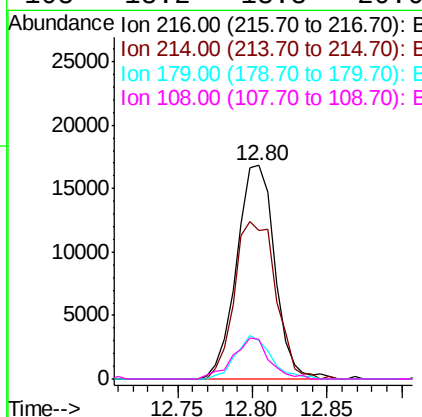
Manual Integrations
APPROVED

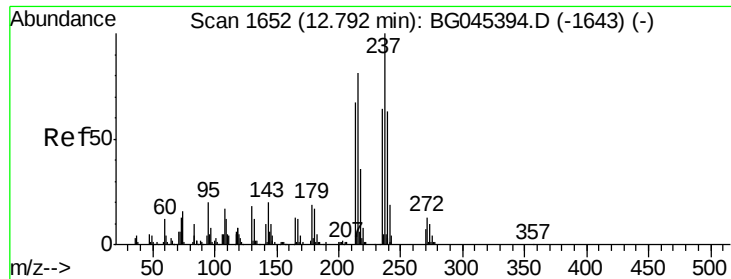
mohammad
5/20/2020 1:19:58 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.928 ng
RT: 12.80 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.7	95.5
179	18.6	16.1	24.1
108	18.2	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 2.365 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

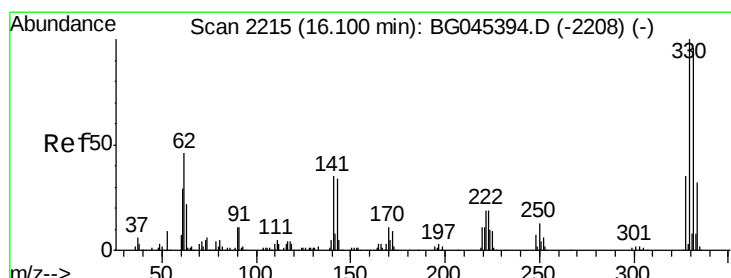
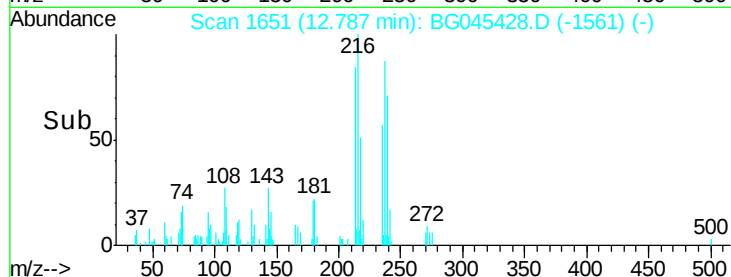
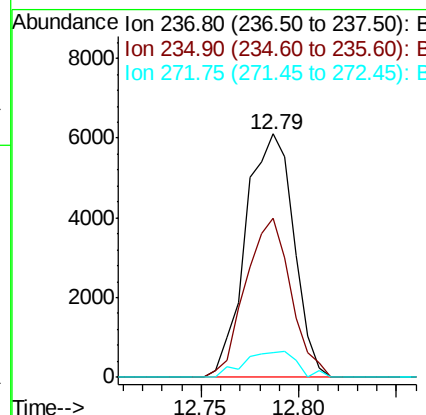
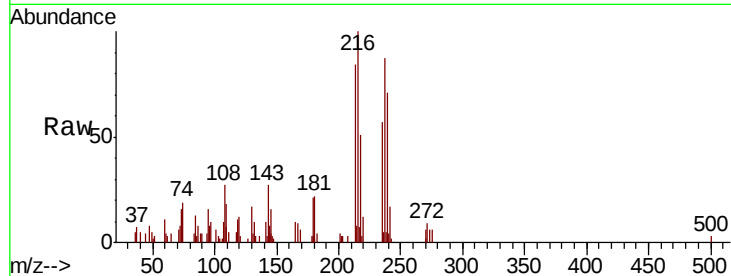
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	237	Resp:	10374
Ion Ratio	Lower	Upper	
237	100		
235	65.5	44.4	84.4
272	10.3	0.0	32.5

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#42

2,4,6-Tribromophenol

Concen: 124.546 ng

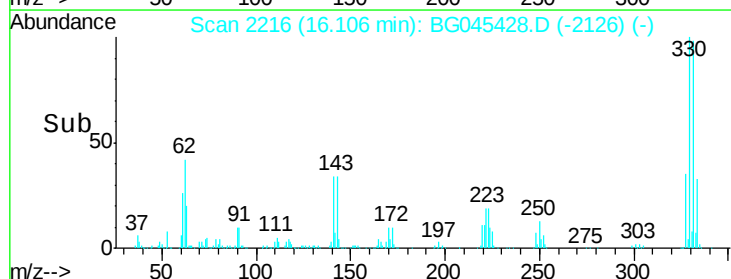
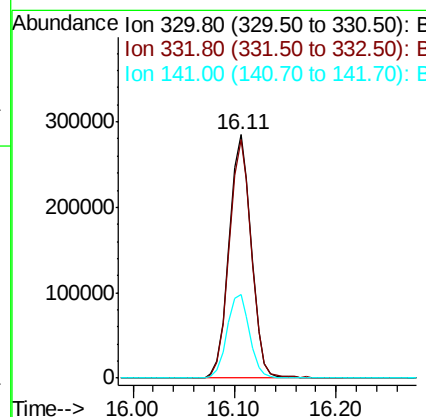
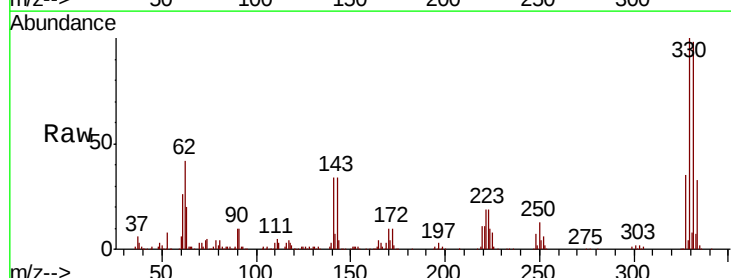
RT: 16.11 min Scan# 2216

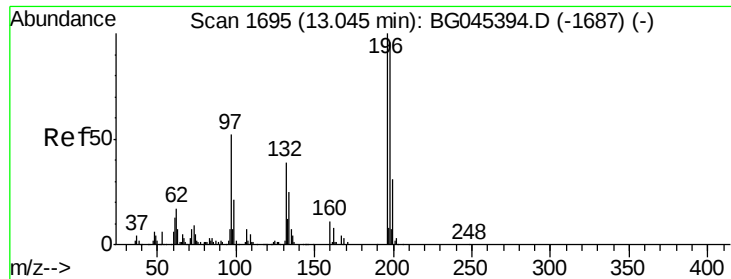
Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Tgt Ion:	330	Resp:	433407
Ion Ratio	Lower	Upper	
330	100		
332	97.6	78.2	117.4
141	35.0	28.2	42.4





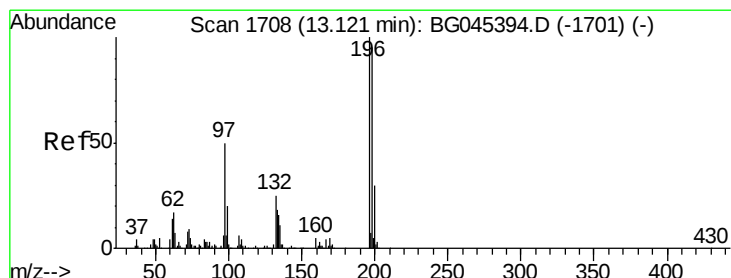
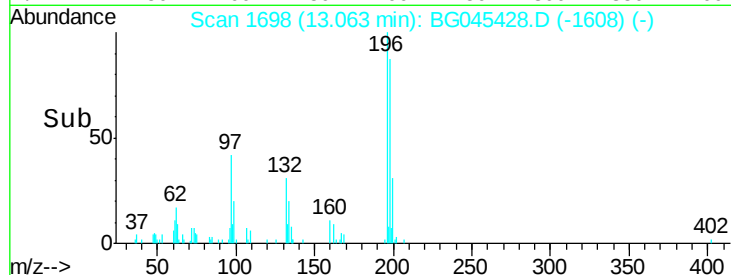
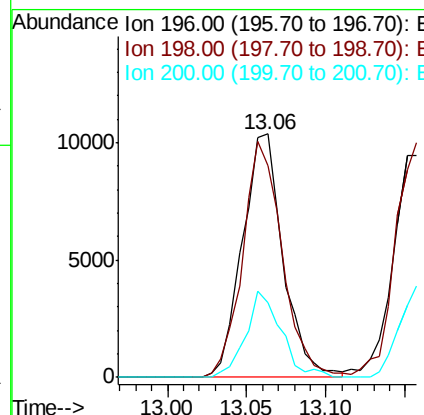
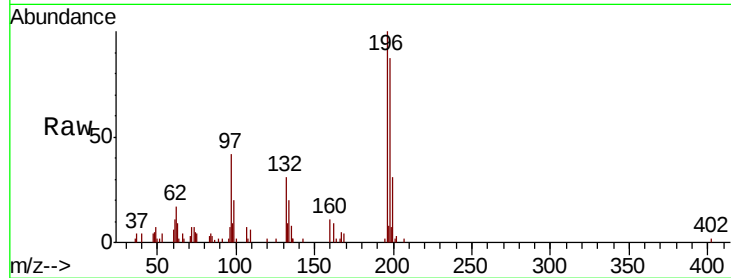
#43
 2,4,6-Trichlorophenol
 Concen: 3.489 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	18423		
198	87.2		76.7	115.1
200	30.9		24.9	37.3

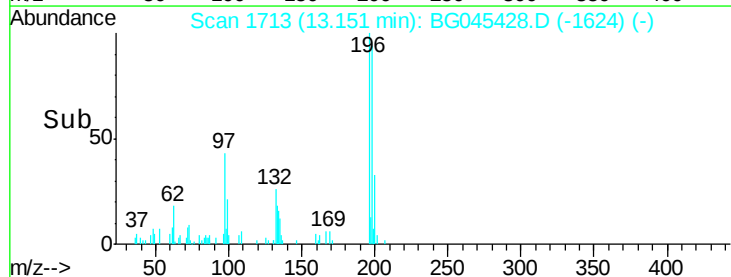
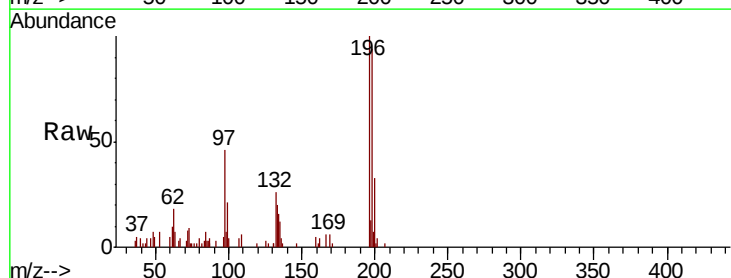
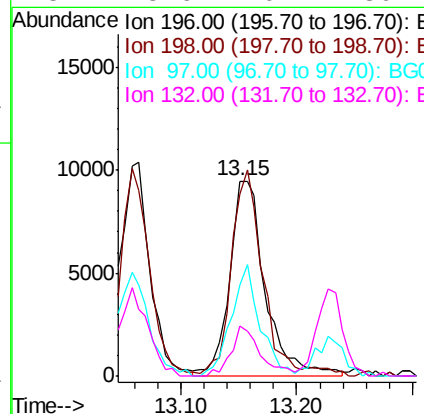
Manual Integrations
 APPROVED

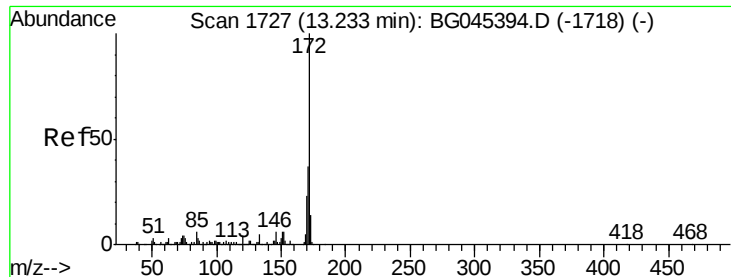
mohammad
 5/20/2020 1:19:58 PM



#44
 2,4,5-Trichlorophenol
 Concen: 3.360 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	20274		
198	93.6		76.1	114.1
97	46.3		40.0	60.0
132	25.6		20.2	30.2





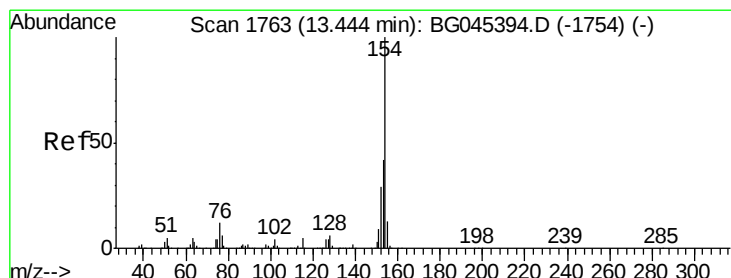
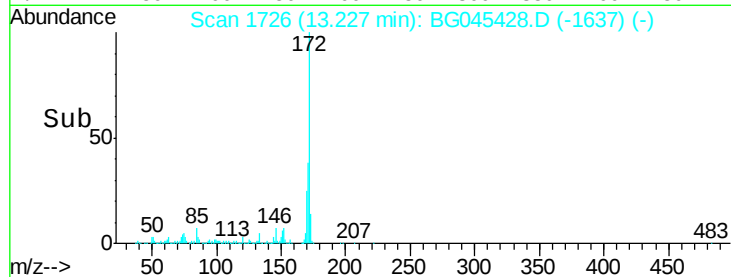
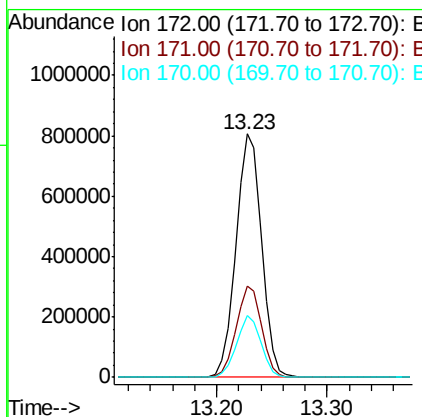
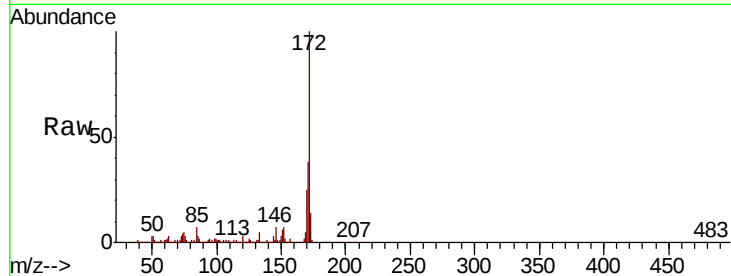
#45
2-Fluorobiphenyl
Concen: 81.890 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.5	44.3
170	25.2	18.5	27.7

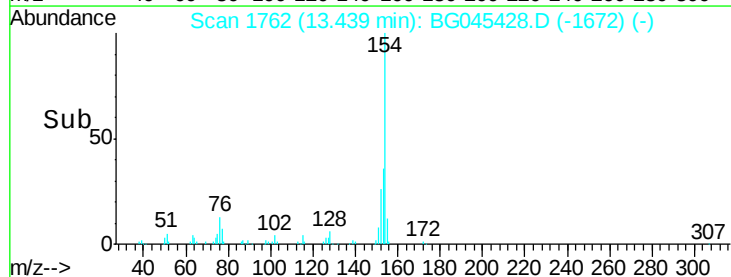
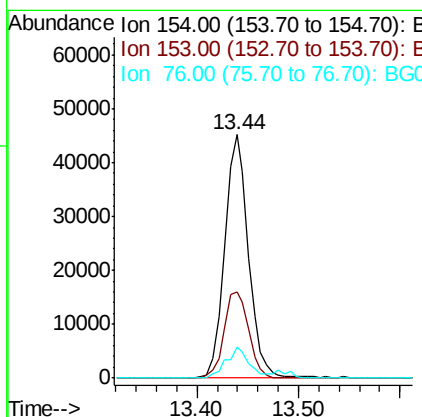
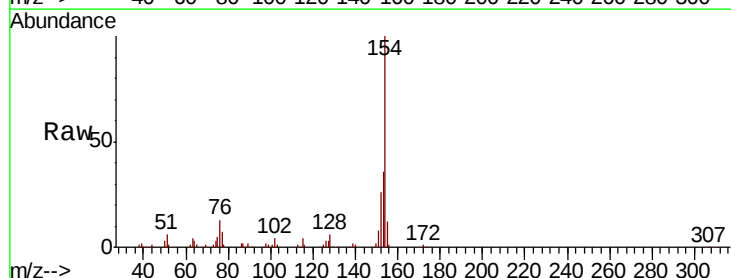
Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#46
1,1'-Biphenyl
Concen: 4.372 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	35.6	22.2	62.2
76	12.8	0.0	32.4





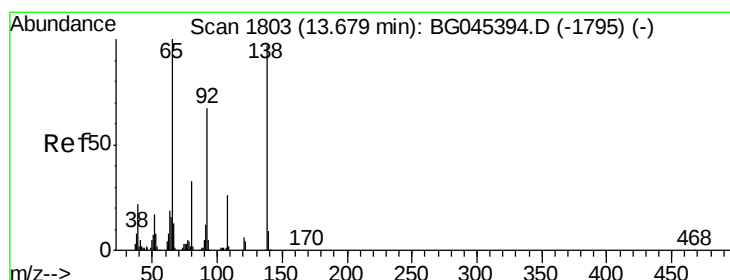
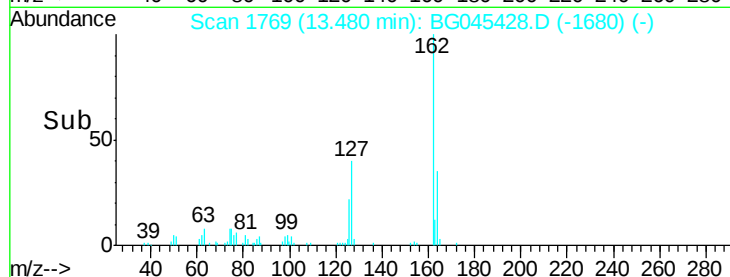
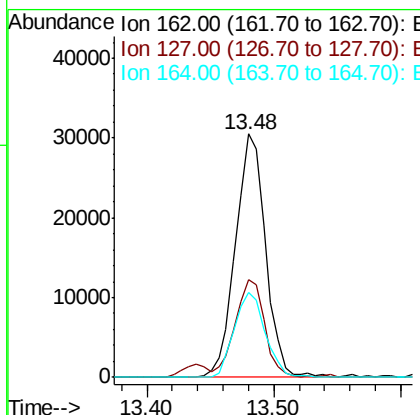
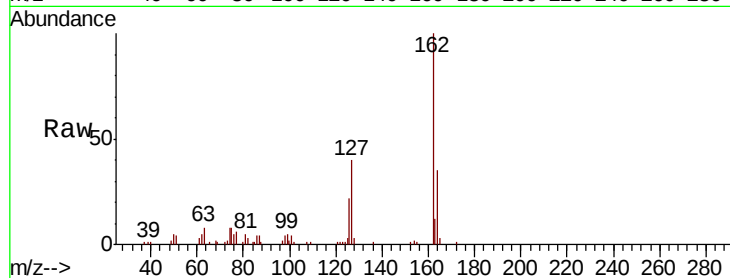
#47
2-Chloronaphthalene
Concen: 3.698 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion:	162	Resp:	50213
Ion Ratio	Lower	Upper	
162	100		
127	40.0	31.6	47.4
164	34.8	28.1	42.1

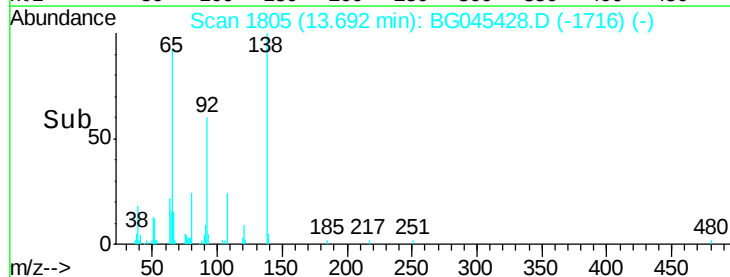
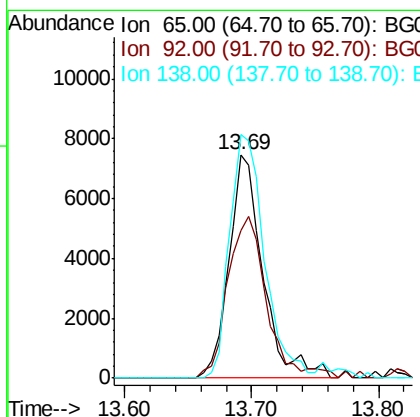
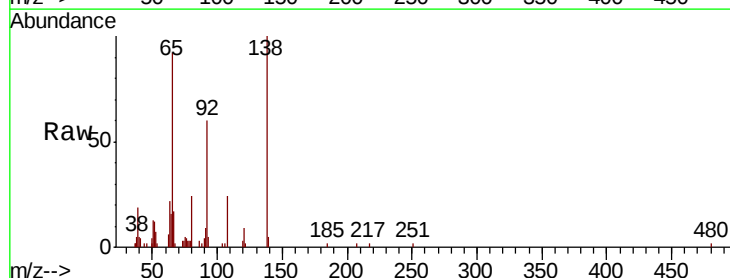
Manual Integrations
APPROVED

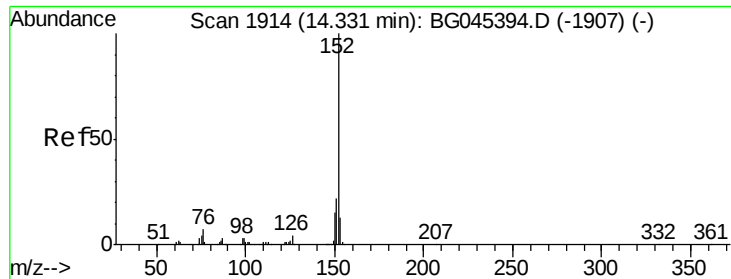
mohammad
5/20/2020 1:19:58 PM



#48
2-Nitroaniline
Concen: 3.083 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion:	65	Resp:	13768
Ion Ratio	Lower	Upper	
65	100		
92	65.9	53.8	80.8
138	109.1	77.9	116.9





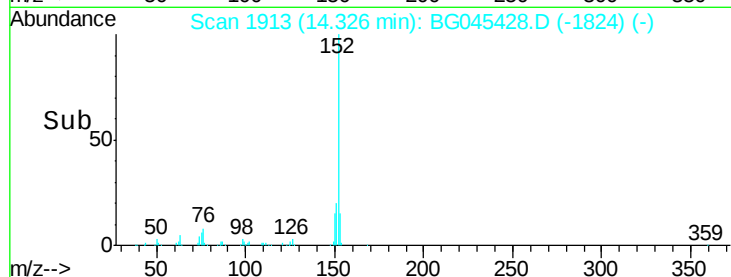
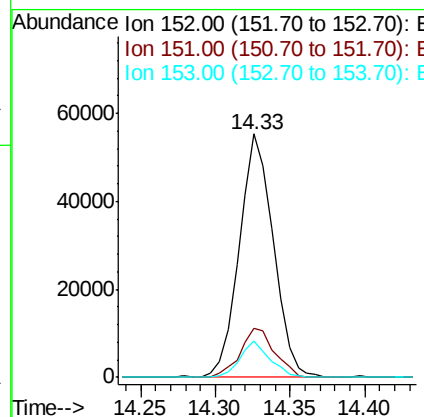
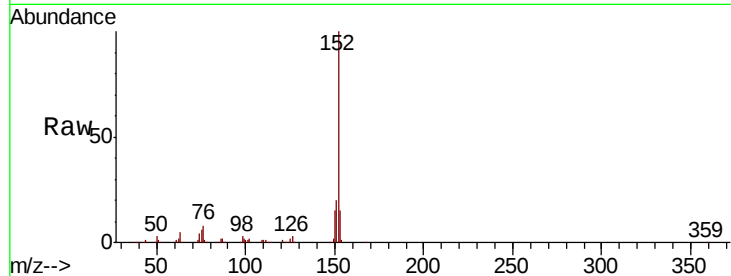
#49
Acenaphthylene
Concen: 4.015 ng
RT: 14.33 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion:	152	Resp:	87548
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.4	26.2
153	14.9	10.7	16.1

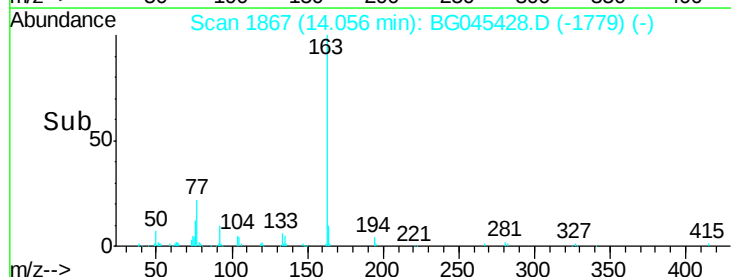
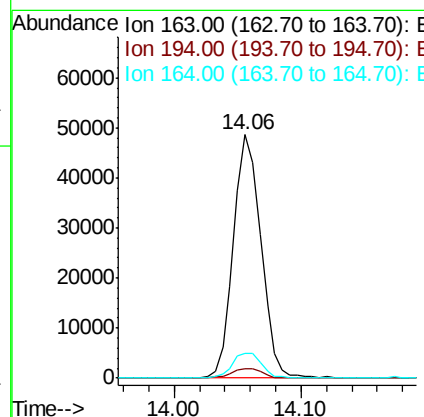
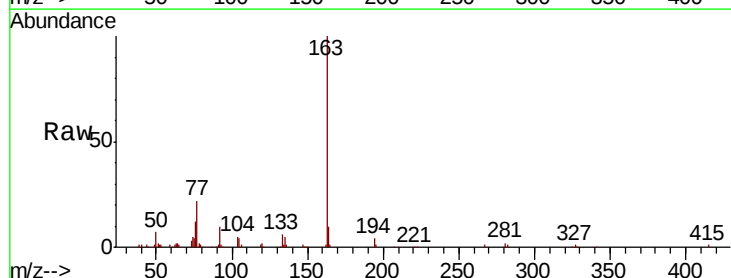
Manual Integrations
APPROVED

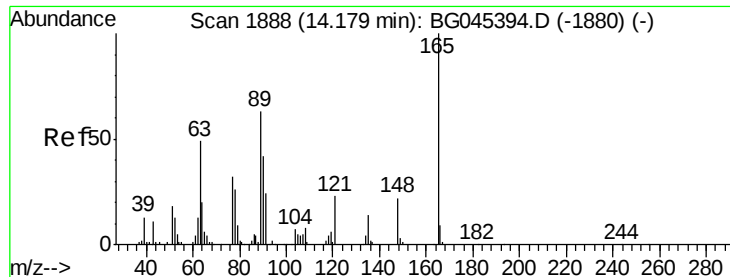
mohammad
5/20/2020 1:19:58 PM



#50
Dimethylphthalate
Concen: 3.916 ng
RT: 14.06 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion:	163	Resp:	73098
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.2	4.8
164	10.3	8.3	12.5





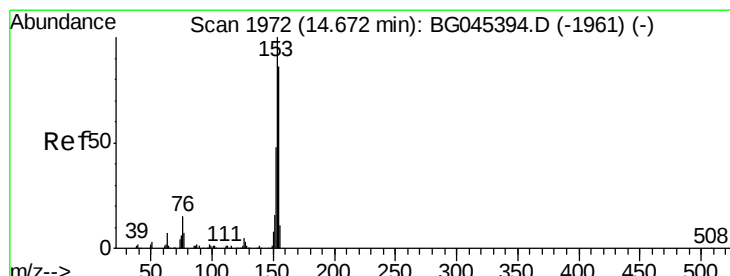
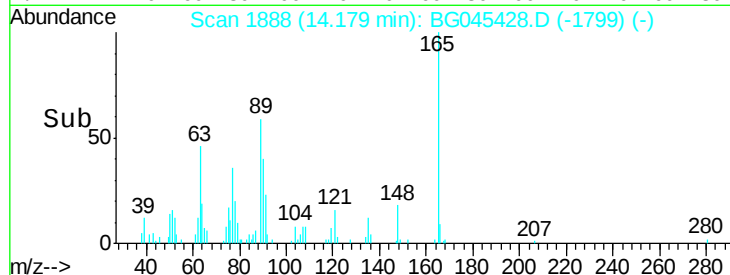
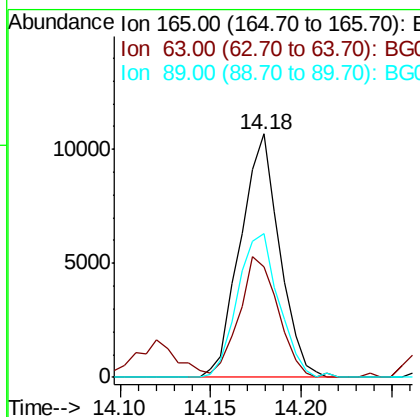
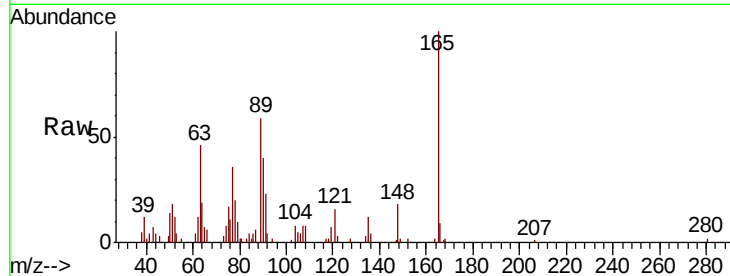
#51
 2,6-Dinitrotoluene
 Concen: 3.814 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	16064		
63	45.5		45.0	67.4
89	59.0		50.2	75.4

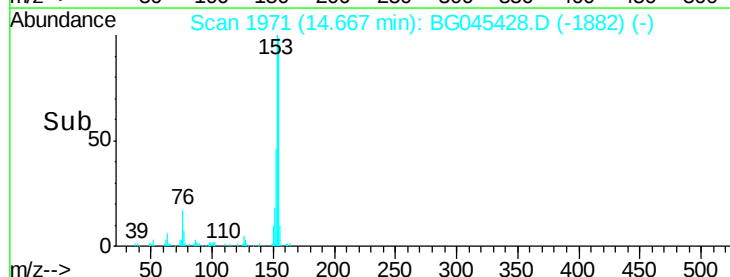
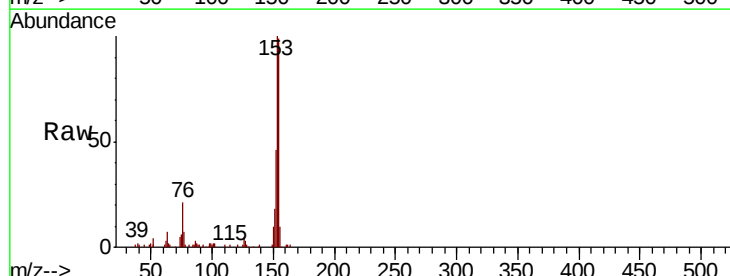
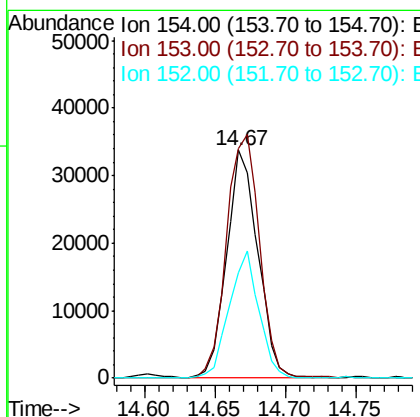
Manual Integrations
 APPROVED

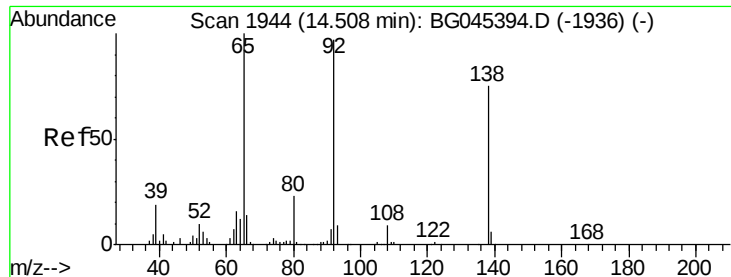
mohammad
 5/20/2020 1:19:58 PM



#52
 Acenaphthene
 Concen: 3.566 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	52058		
153	100.6		92.8	139.2
152	46.3		44.6	66.8





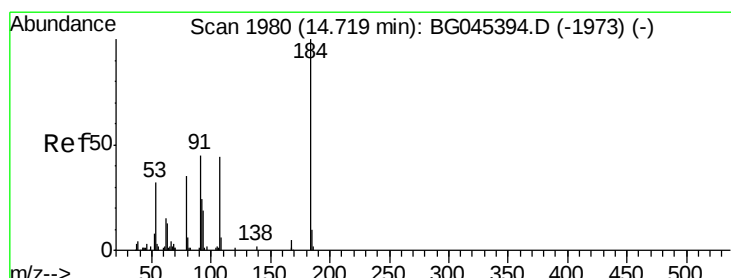
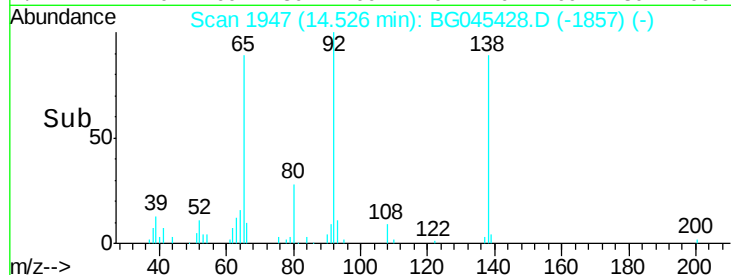
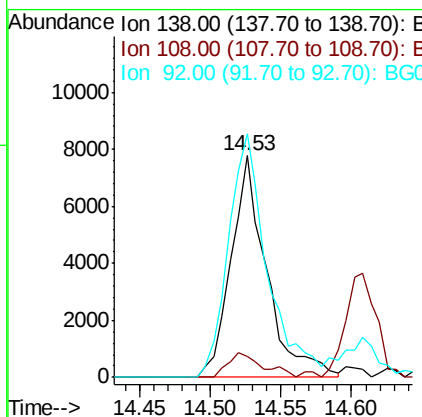
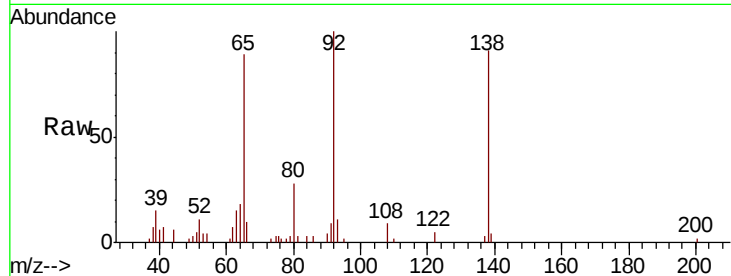
#53
3-Nitroaniline
Concen: 3.197 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	9.8	14.6#
92	109.8	103.0	154.4

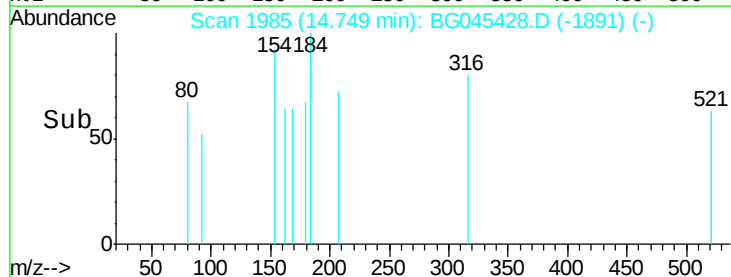
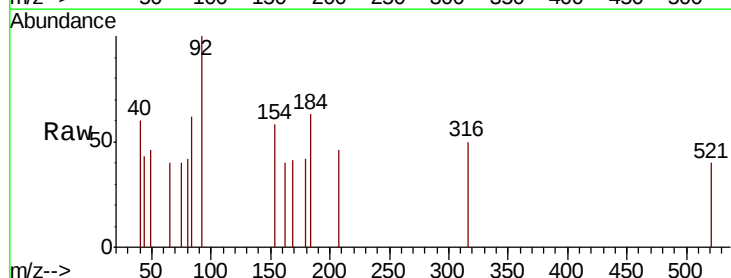
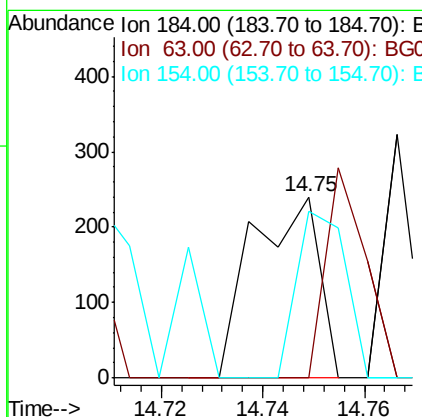
Manual Integrations
APPROVED

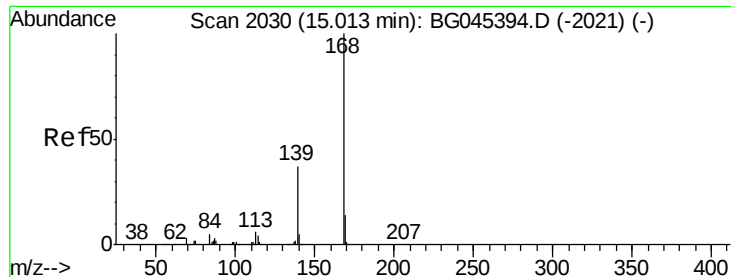
mohammad
5/20/2020 1:19:58 PM



#54
2,4-Dinitrophenol
Concen: 0.090 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.02 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	47.8	71.6#
154	92.1	58.3	87.5#





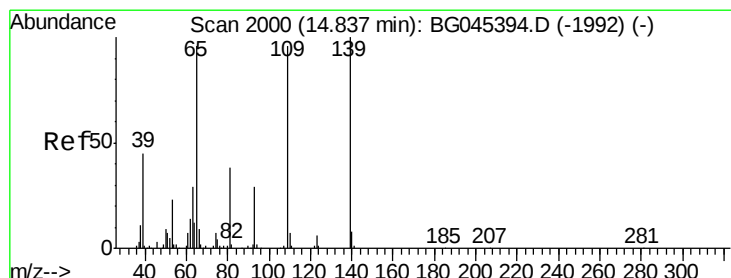
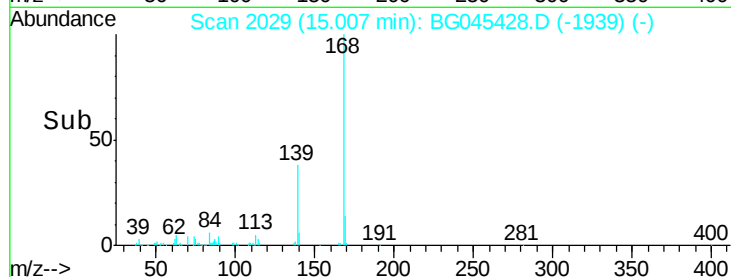
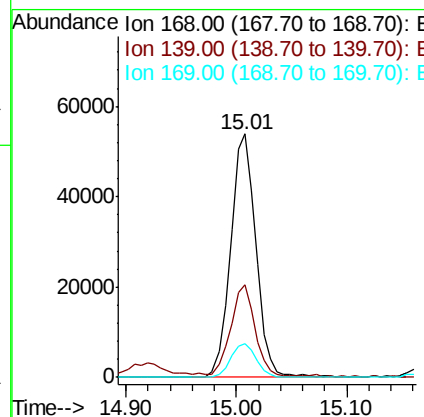
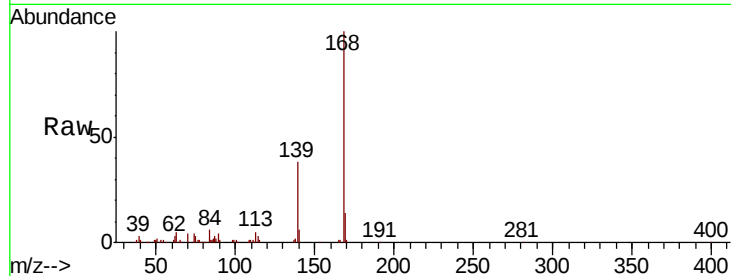
#55
Dibenzenofuran
Concen: 3.982 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.9	44.9
169	13.7	10.9	16.3

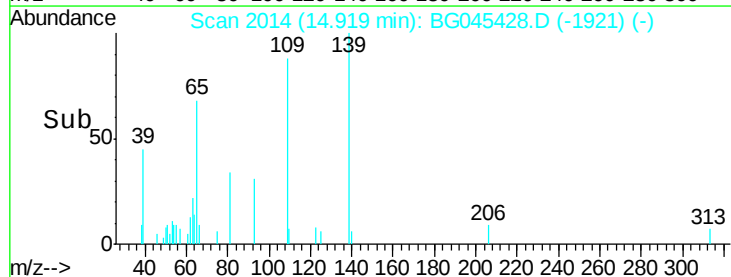
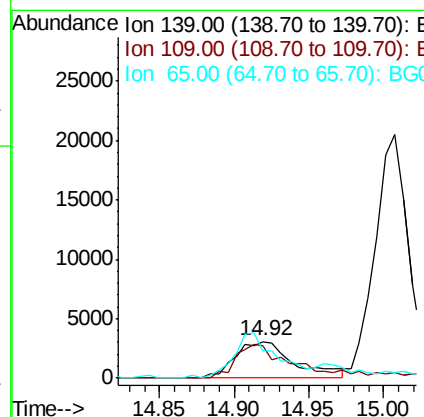
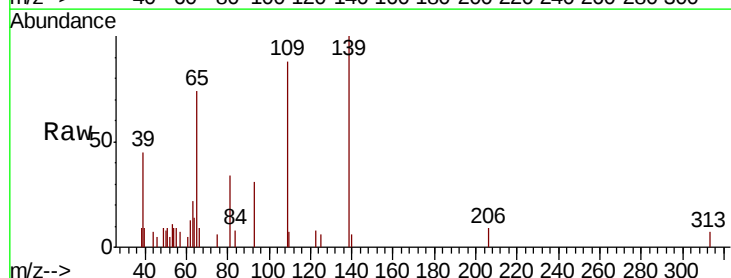
Manual Integrations
APPROVED

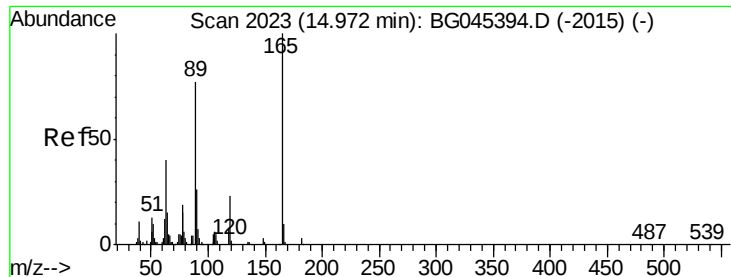
mohammad
5/20/2020 1:19:58 PM



#56
4-Nitrophenol
Concen: 2.609 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.5	75.6	115.6
65	73.5	76.8	116.8#





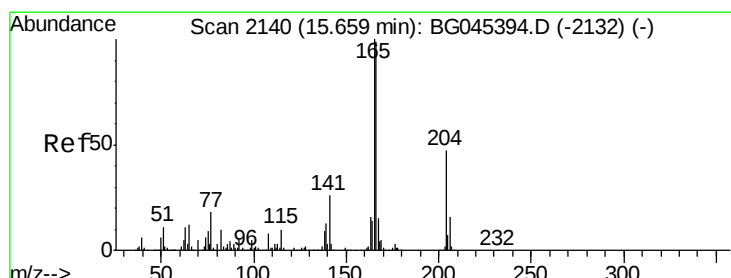
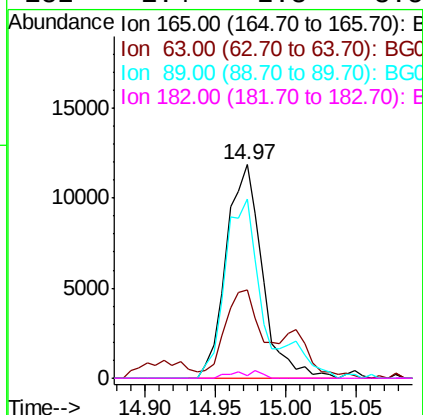
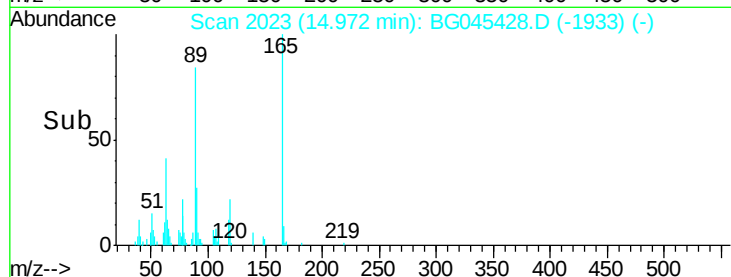
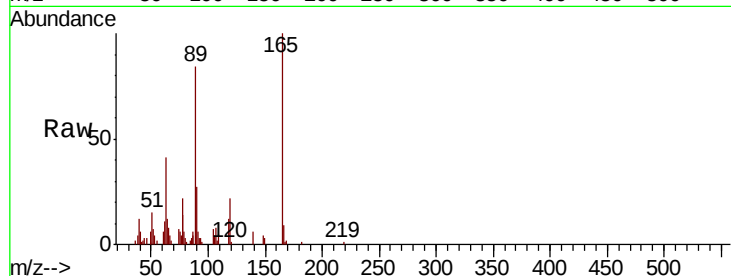
#57
2,4-Dinitrotoluene
Concen: 3.455 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.1	32.5	48.7
89	84.1	61.8	92.6
182	1.4	2.3	3.5

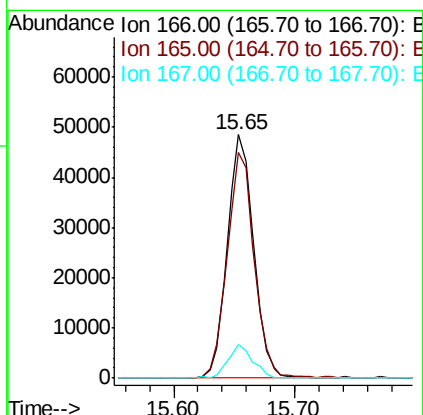
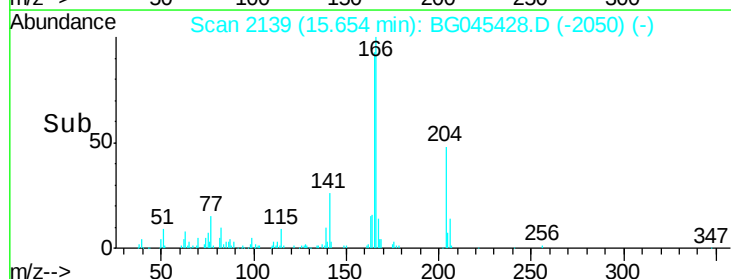
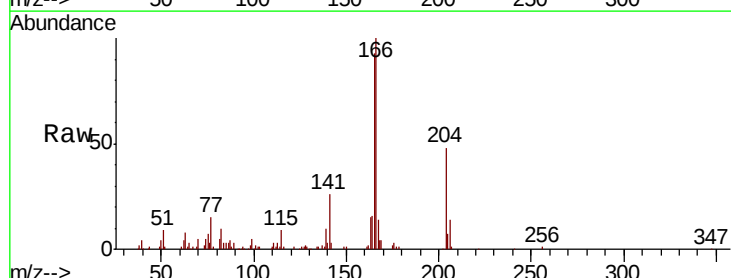
Manual Integrations
APPROVED

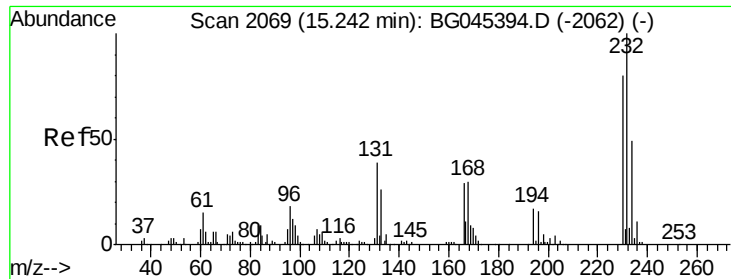
mohammad
5/20/2020 1:19:58 PM



#58
Fluorene
Concen: 4.133 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.7	80.8	121.2
167	13.7	12.0	18.0





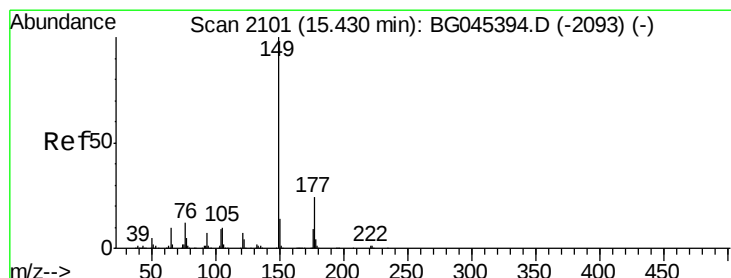
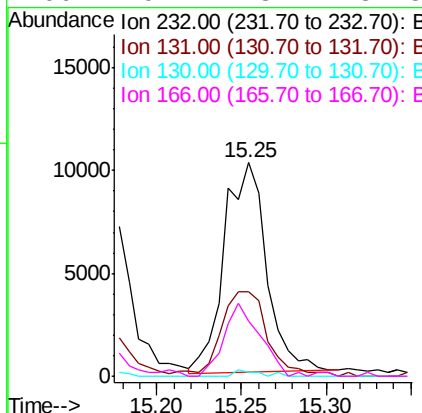
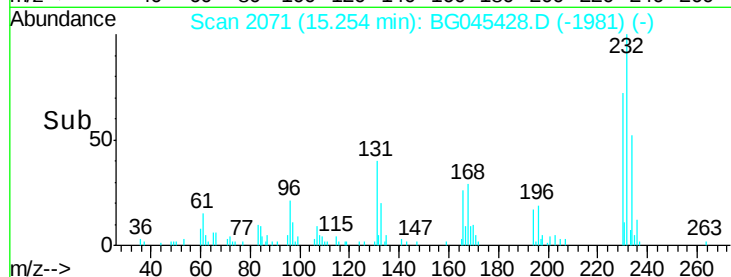
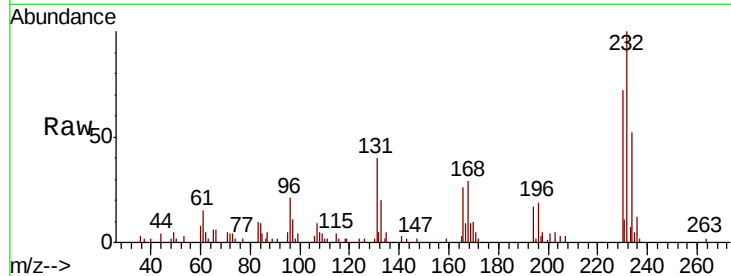
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.342 ng
 RT: 15.25 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

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

Tot Ion:232	Resp:	17740
Ion Ratio	Lower	Upper
232	100	
131	44.4	33.7 50.5
130	1.7	2.1 3.1#
166	29.7	23.2 34.8

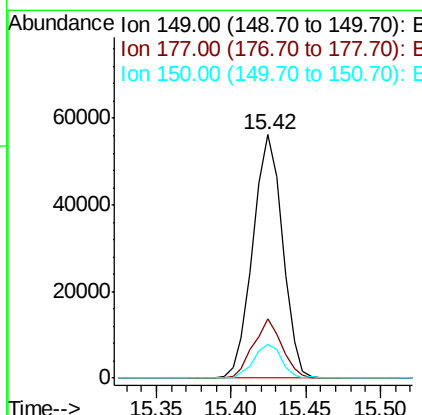
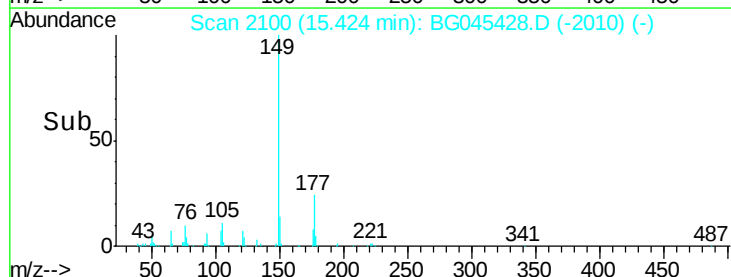
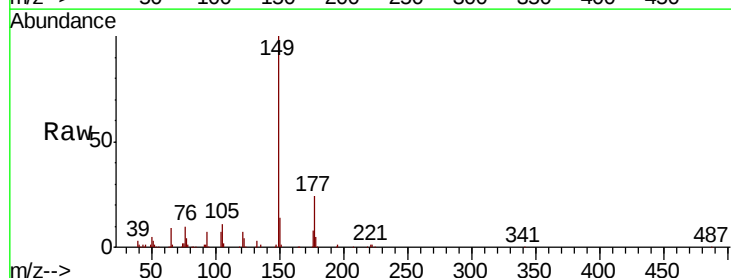
Manual Integrations
 APPROVED

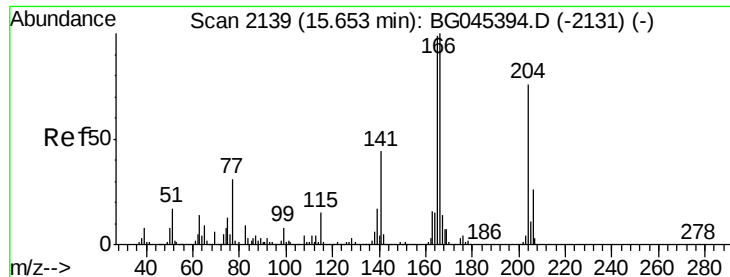
mohammad
 5/20/2020 1:19:58 PM



#60
 Diethylphthalate
 Concen: 3.965 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion:149	Resp:	77038
Ion Ratio	Lower	Upper
149	100	
177	24.3	19.0 28.4
150	13.6	11.4 17.0





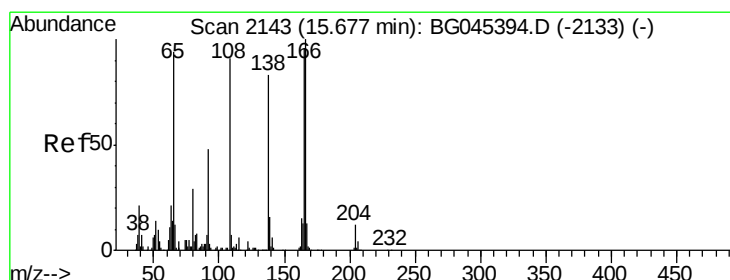
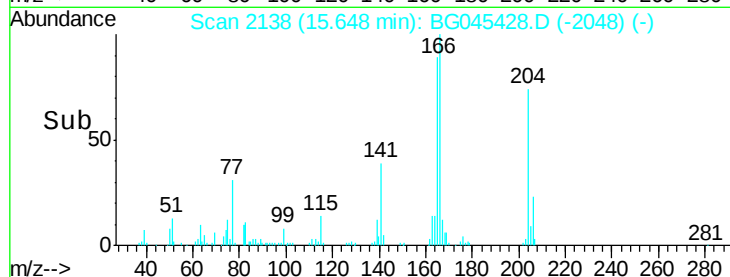
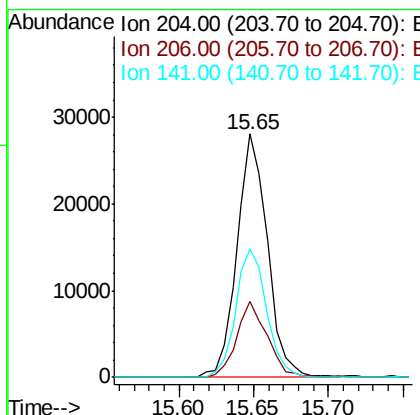
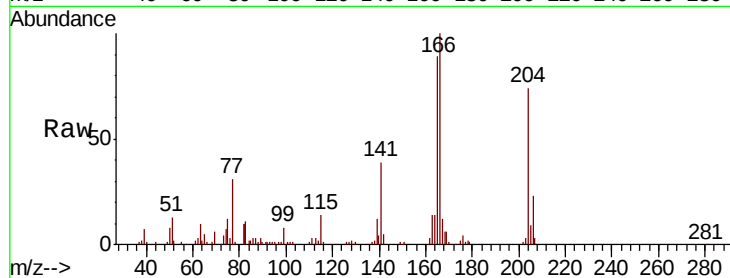
#61
4-Chlorophenyl-phenylether
Concen: 3.884 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.0	27.3	40.9
141	52.6	45.9	68.9

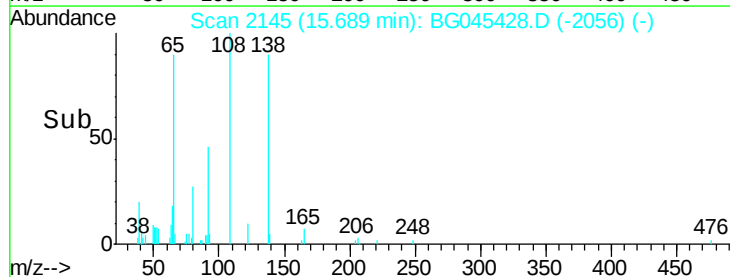
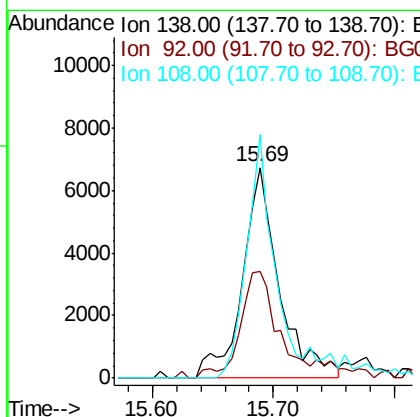
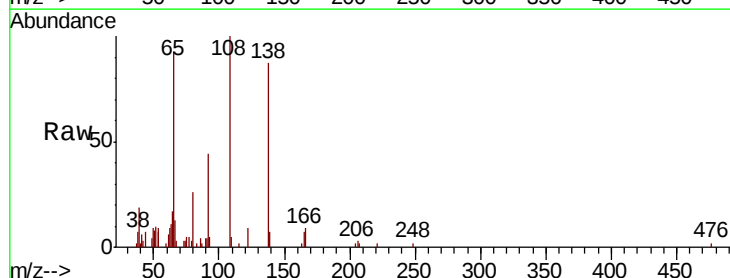
Manual Integrations
APPROVED

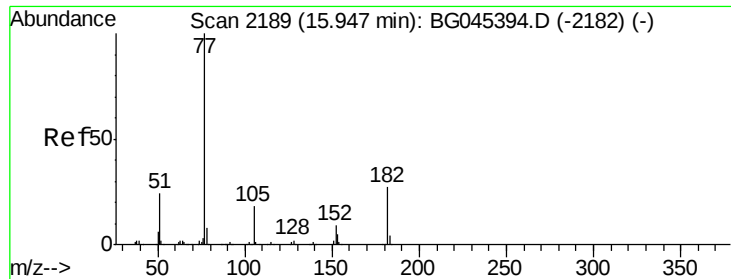
mohammad
5/20/2020 1:19:58 PM



#62
4-Nitroaniline
Concen: 3.189 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	38.0	78.0
108	115.5	89.3	129.3





#63

Azobenzene

Concen: 3.871 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

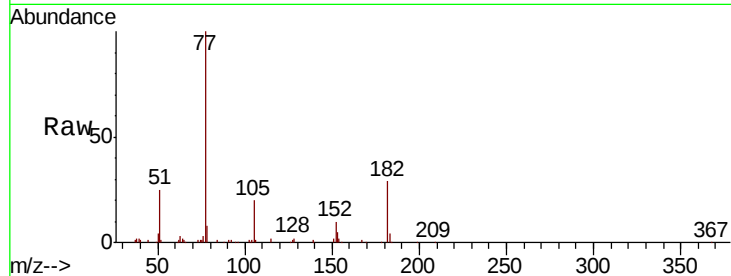
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

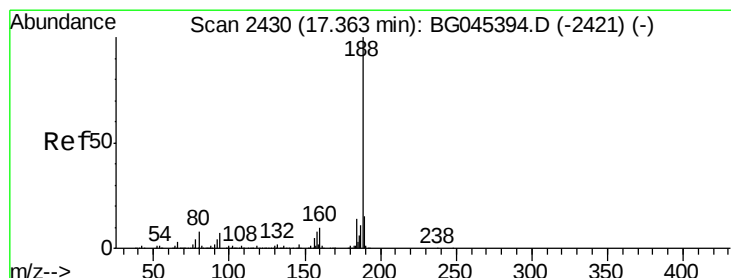
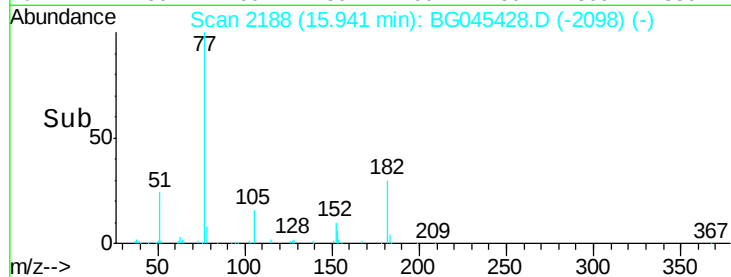
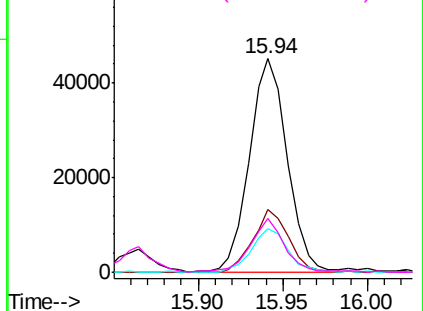
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.2	6.5	46.5	
105	20.2	0.0	37.9	
51	25.0	4.1	44.1	

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



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



#64

Phenanthrene-d10

Concen: 20.000 ng

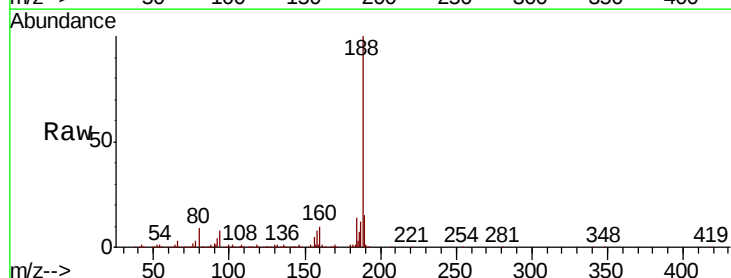
RT: 17.36 min Scan# 2429

Delta R.T. -0.00 min

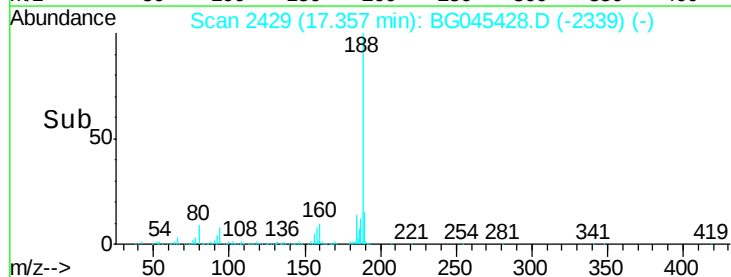
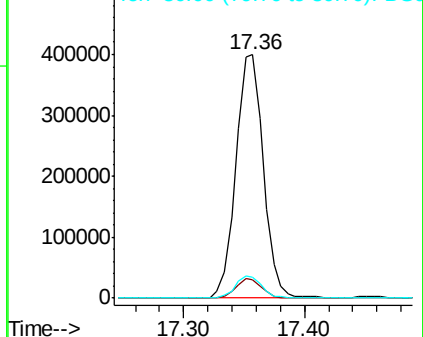
Lab File: BG045428.D

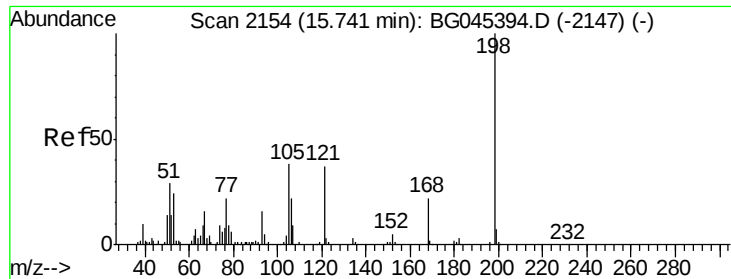
Acq: 19 May 2020 17:25

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	5.5	8.3	
80	8.5	6.6	10.0	



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





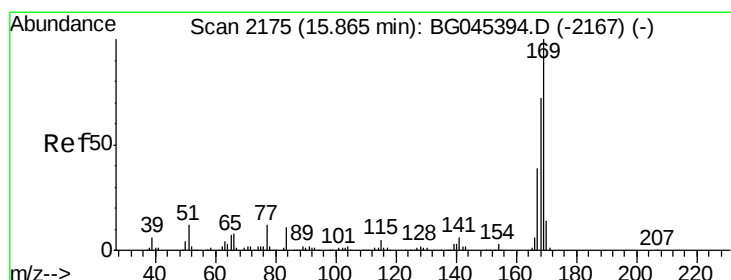
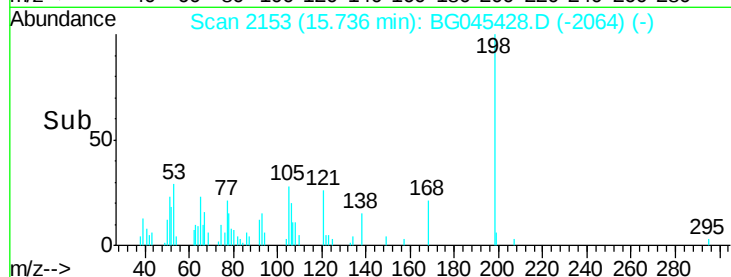
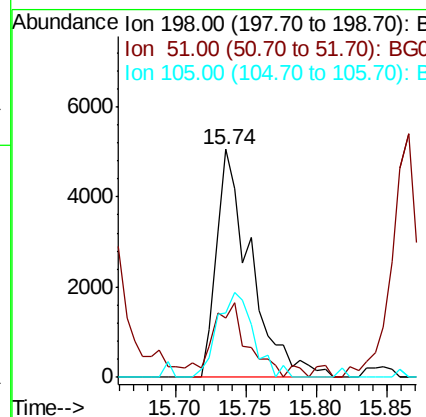
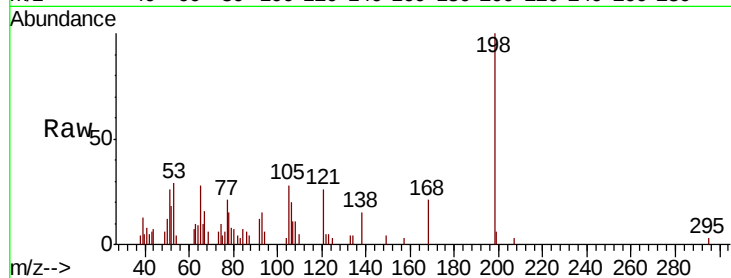
#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.315 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	8529		
51	26.0		10.0	50.0
105	28.5		18.9	58.9

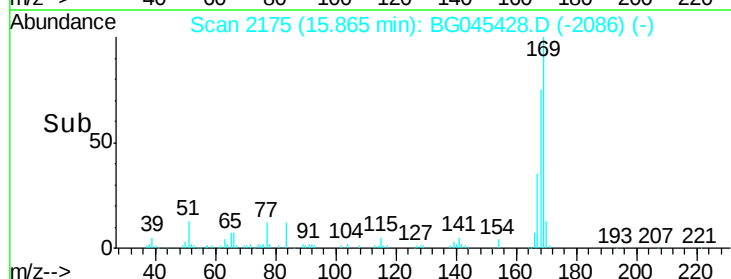
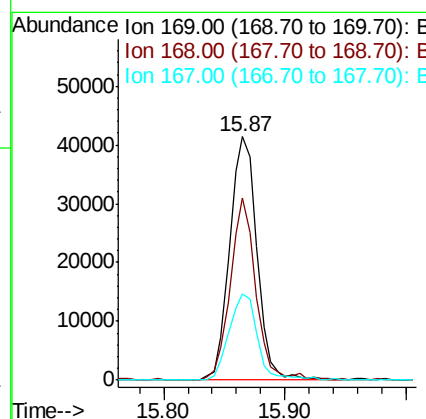
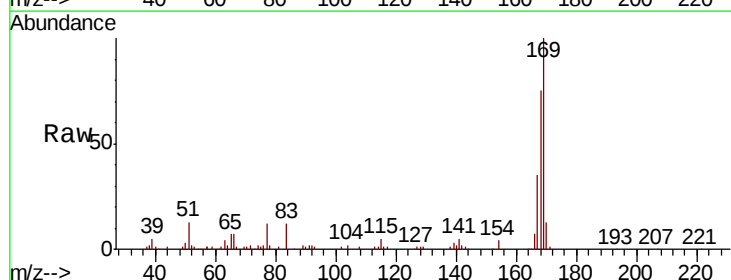
Manual Integrations
 APPROVED

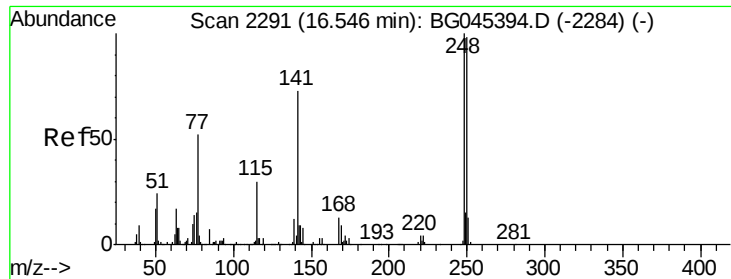
mohammad
 5/20/2020 1:19:58 PM



#66
 n-Nitrosodiphenylamine
 Concen: 4.266 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	64801		
168	75.0		57.8	86.6
167	35.3		31.5	47.3





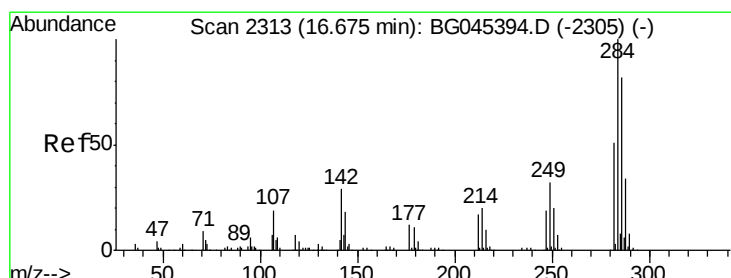
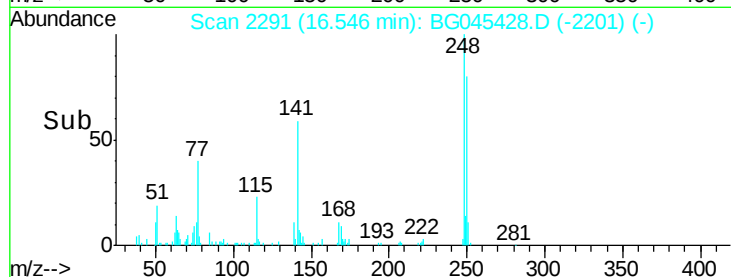
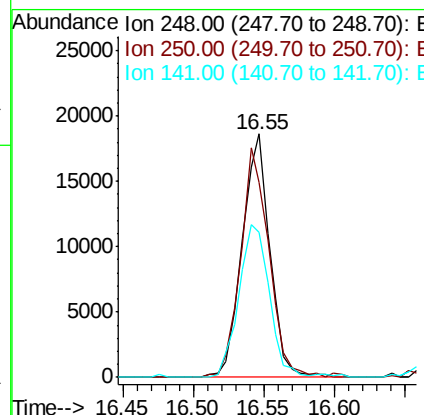
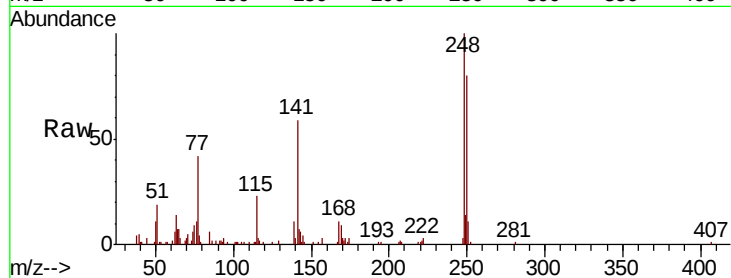
#67
4-Bromophenyl-phenylether
Concen: 3.735 ng
RT: 16.55 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	79.8	78.6	117.8
141	59.4	58.2	87.2

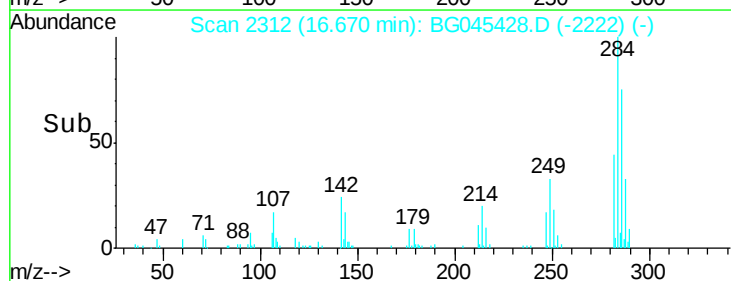
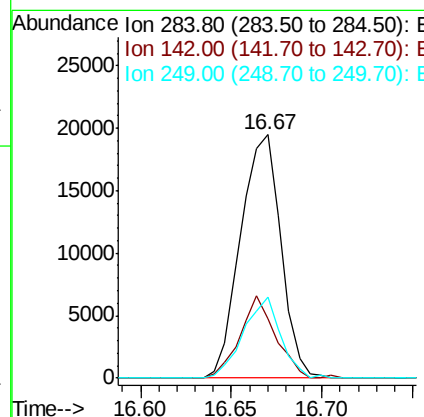
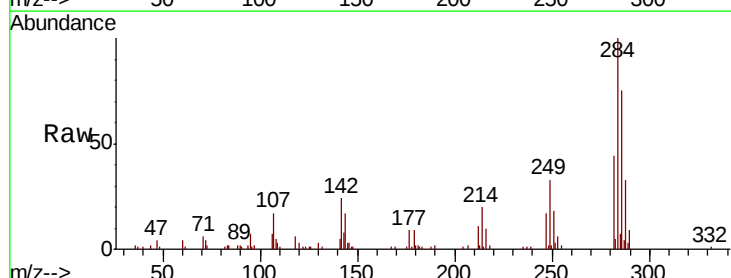
Manual Integrations
APPROVED

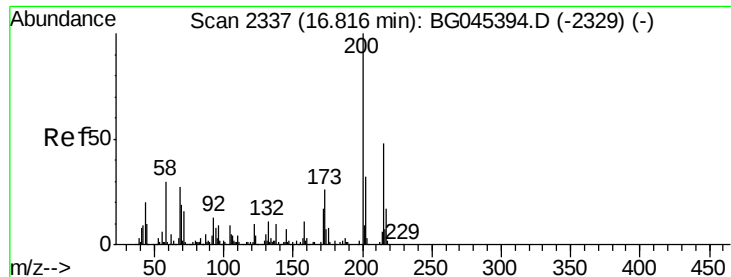
mohammad
5/20/2020 1:19:58 PM



#68
Hexachlorobenzene
Concen: 4.201 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.1	23.0	34.6
249	33.4	25.8	38.6





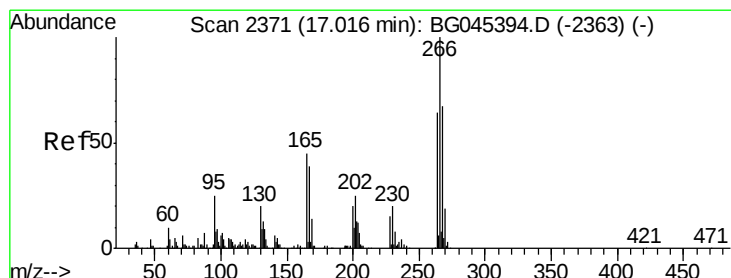
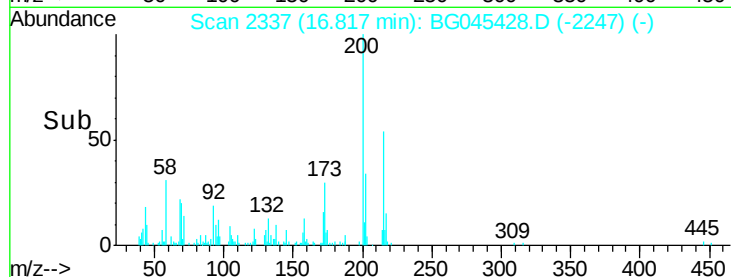
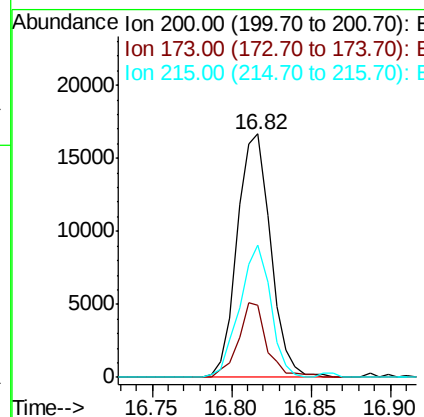
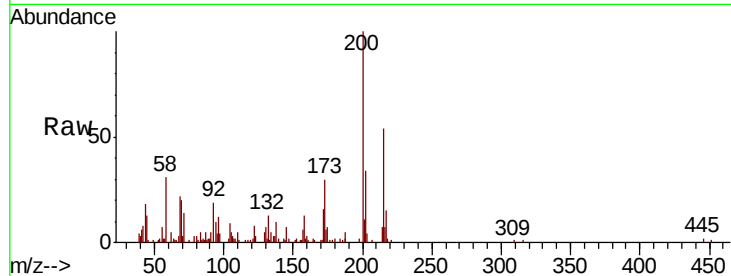
#69
Atrazine
Concen: 3.888 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.6	5.5	45.5
215	54.4	28.2	68.2

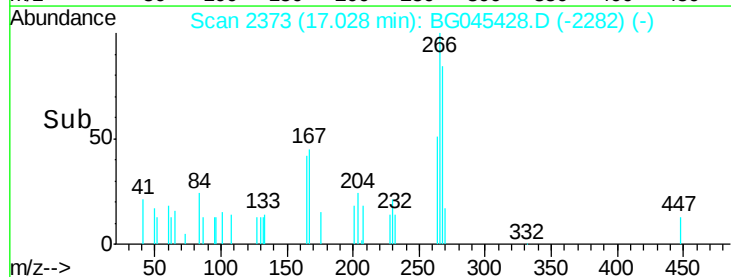
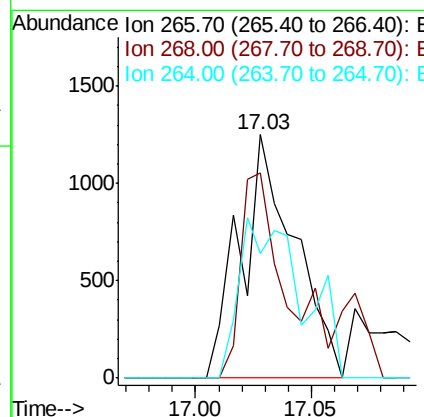
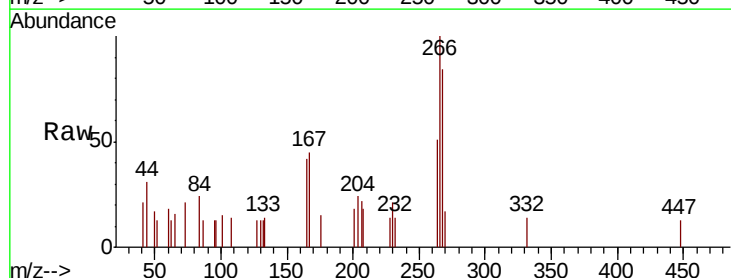
Manual Integrations
APPROVED

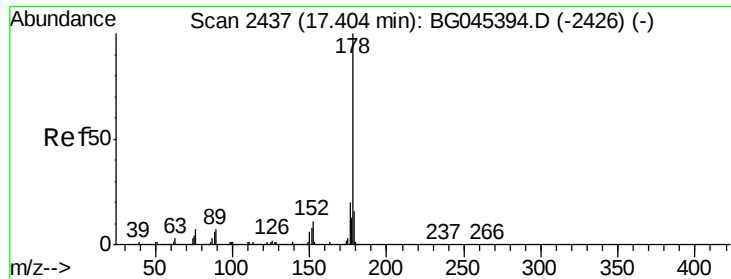
mohammad
5/20/2020 1:19:58 PM



#70
Pentachlorophenol
Concen: 0.545 ng
RT: 17.03 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	84.3	53.2	79.8#
264	51.3	51.0	76.4





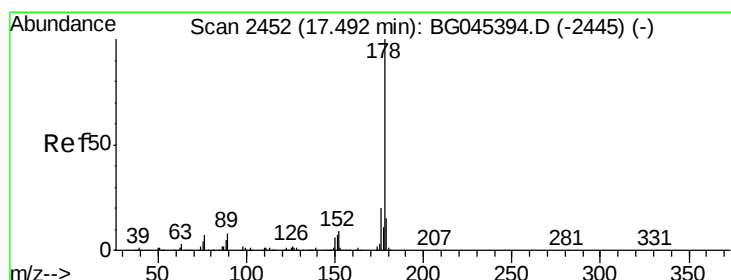
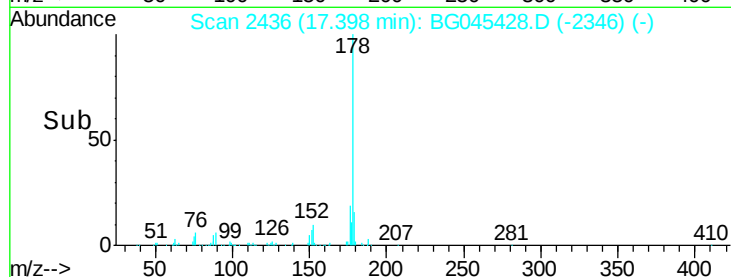
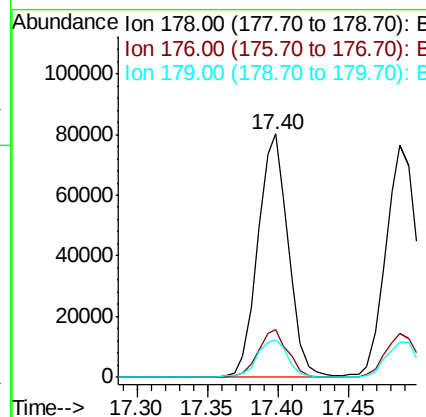
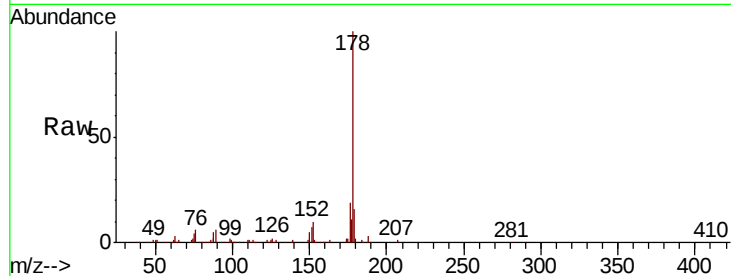
#71
Phenanthrene
Concen: 4.395 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		121383		
176	19.4	16.2	24.4		
179	15.5	13.1	19.7		

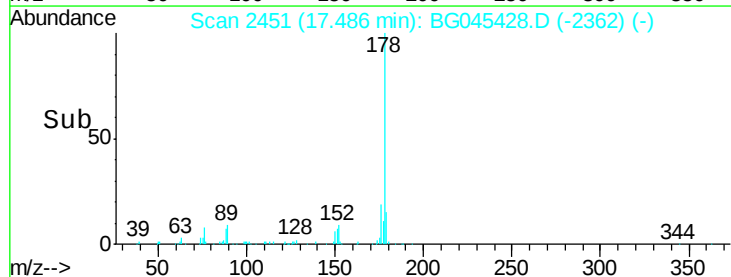
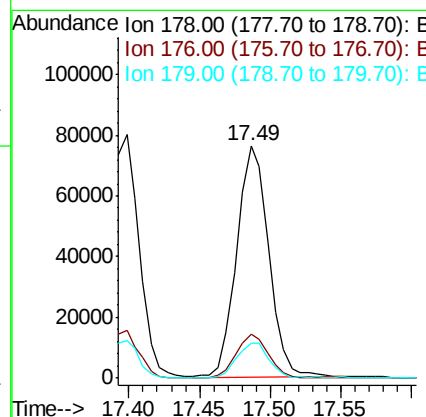
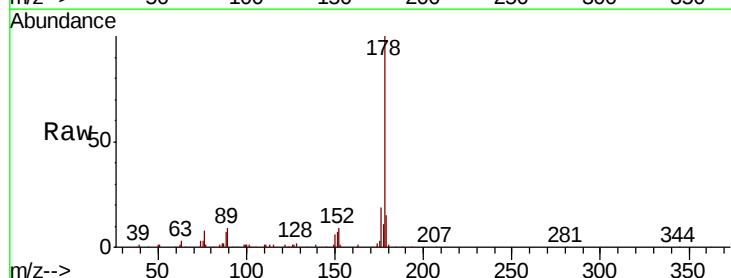
Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#72
Anthracene
Concen: 4.364 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		121038		
176	19.1	15.8	23.6		
179	14.8	12.2	18.4		





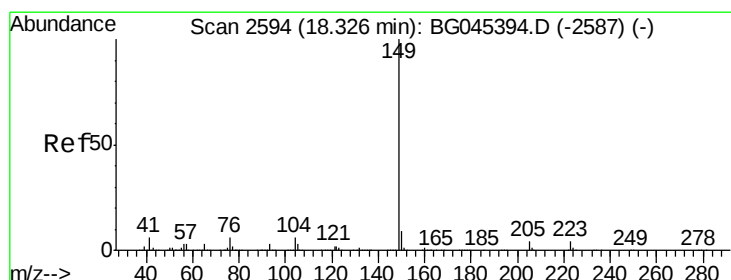
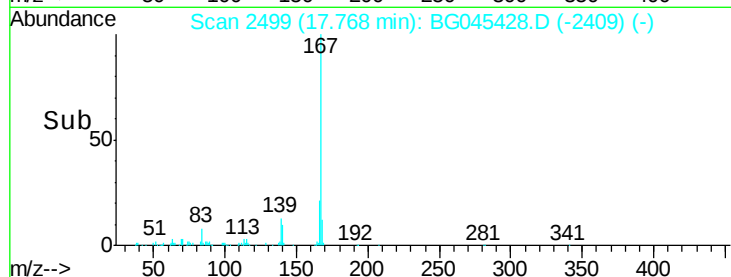
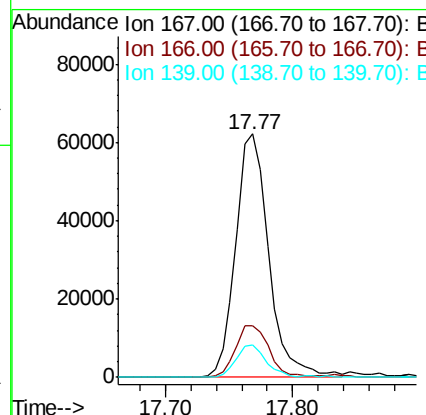
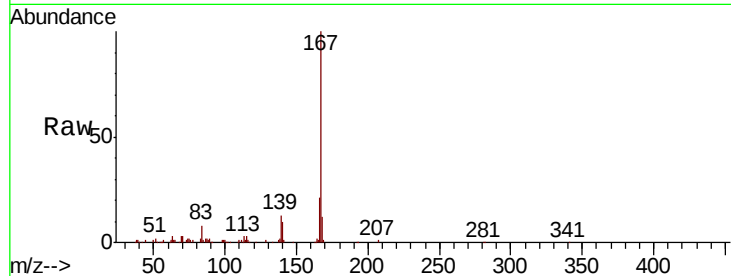
#73
 Carbazole
 Concen: 4.149 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	19.2	28.8
139	13.2	10.6	16.0

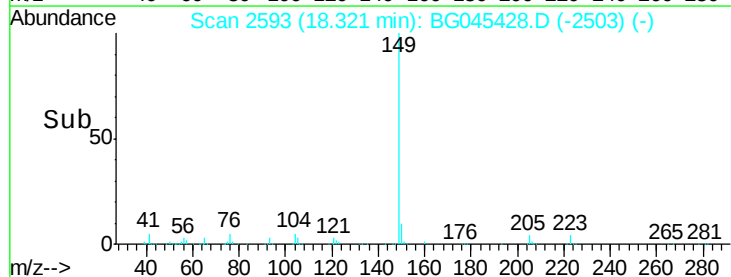
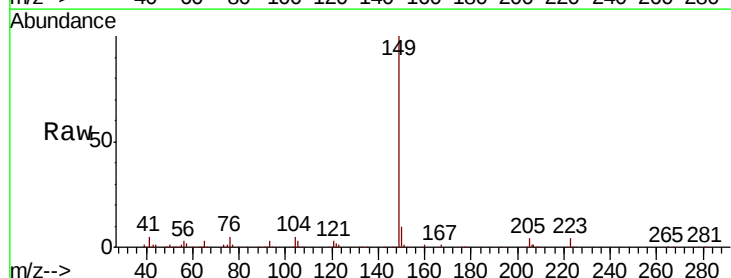
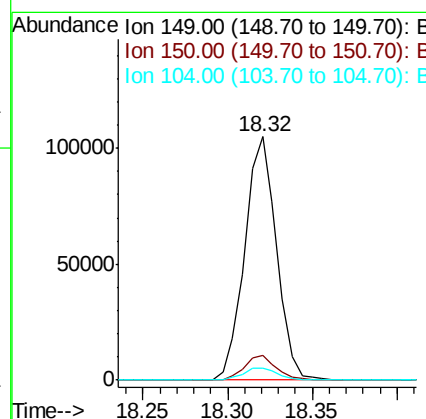
Manual Integrations
 APPROVED

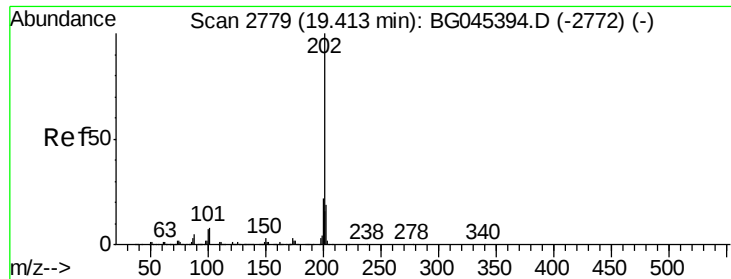
mohammad
 5/20/2020 1:19:58 PM



#74
 Di-n-butylphthalate
 Concen: 4.231 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	4.7	5.0	7.4#





#75

Fluoranthene

Concen: 4.401 ng

RT: 19.41 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

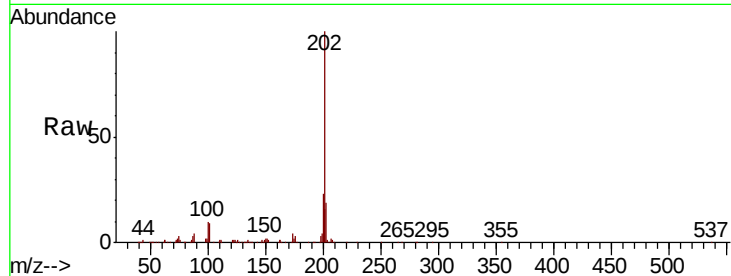
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

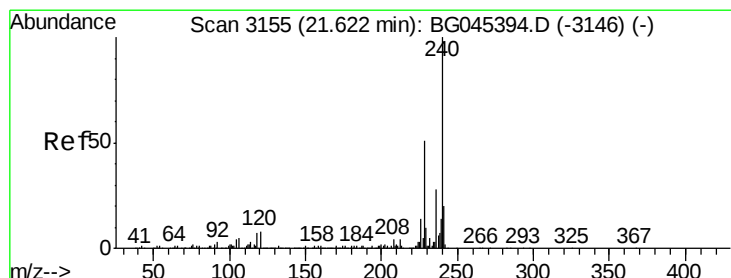
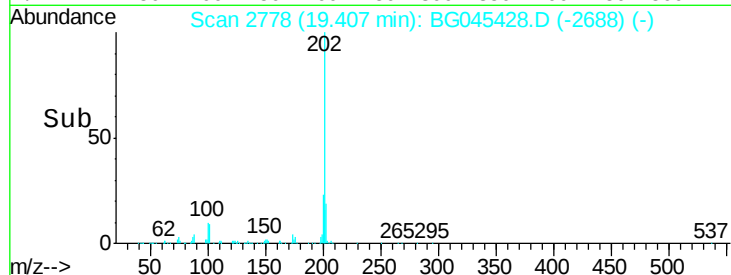
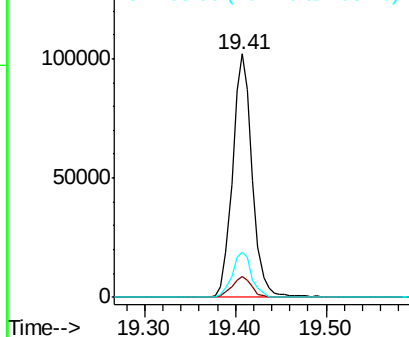
Tot Ion	Ratio	Resp	Lower	Upper
202	100	154597		
101	8.8	0.0	28.3	
203	18.6	0.0	39.0	

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

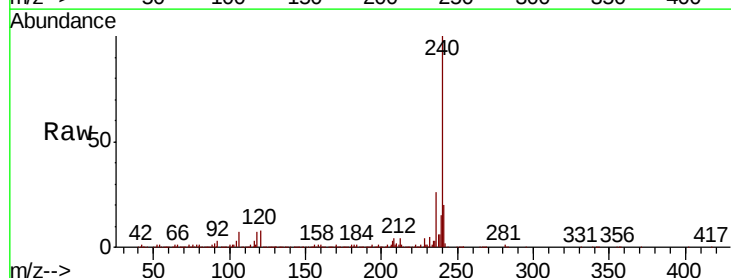
RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

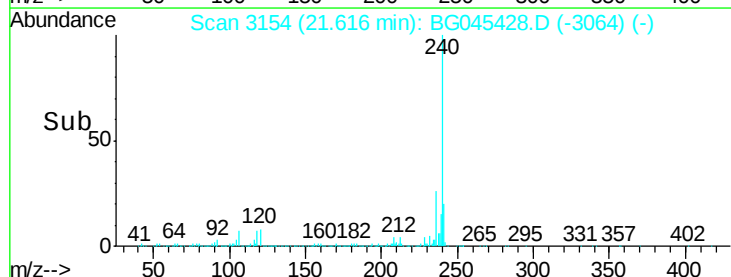
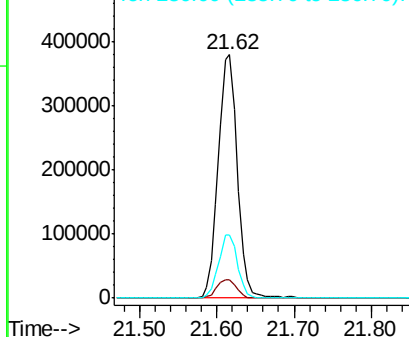
Lab File: BG045428.D

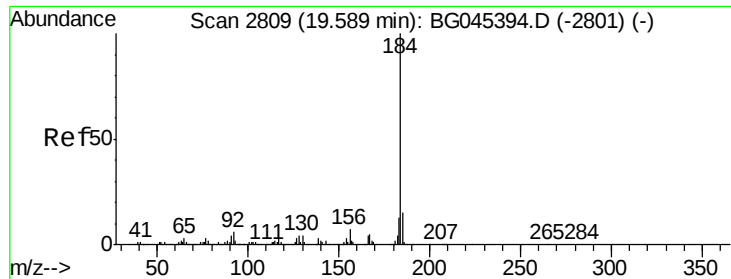
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	653057		
120	7.7	6.1	9.1	
236	25.8	22.3	33.5	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.740 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

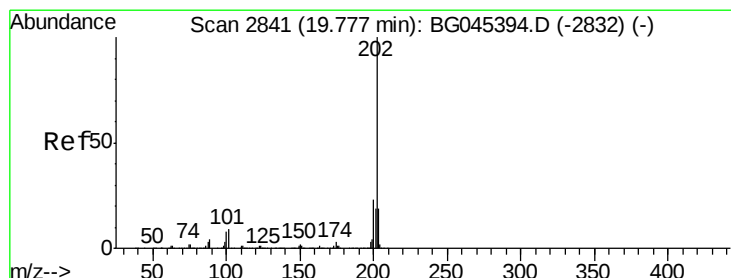
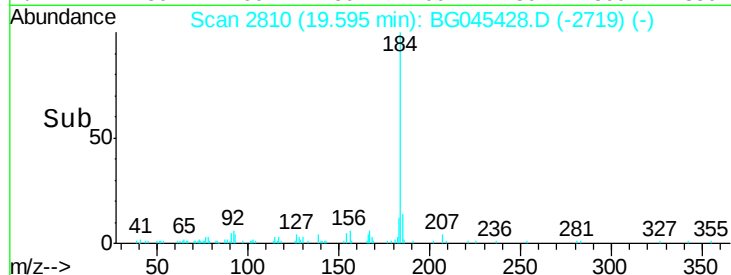
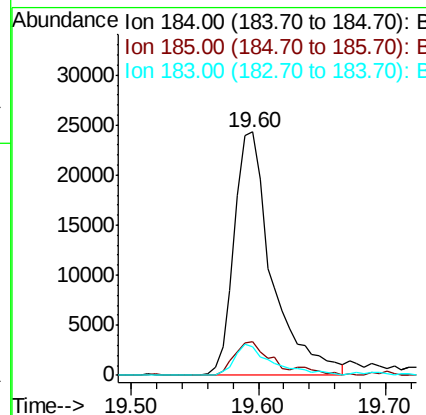
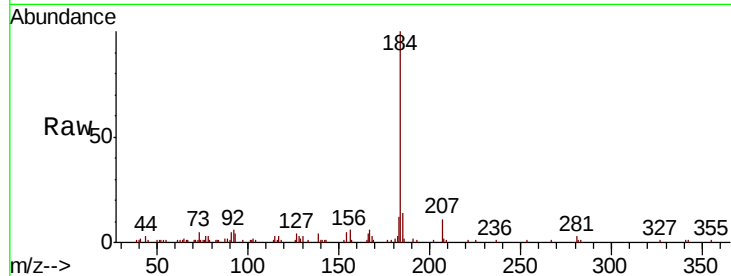
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	184	Resp:	50253
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.7	17.5
183	11.6	10.2	15.4

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#78

Pyrene

Concen: 4.375 ng

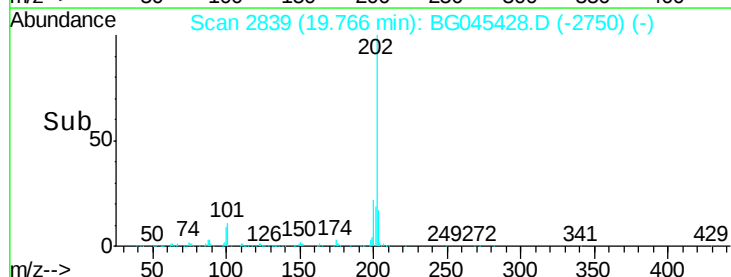
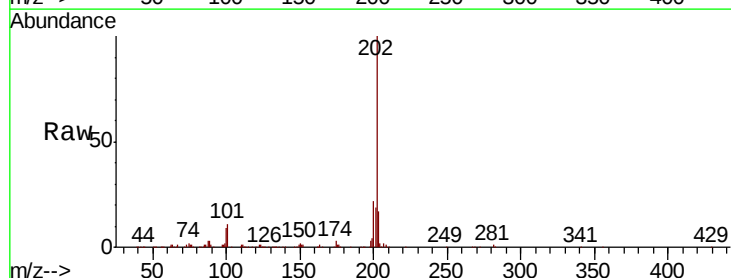
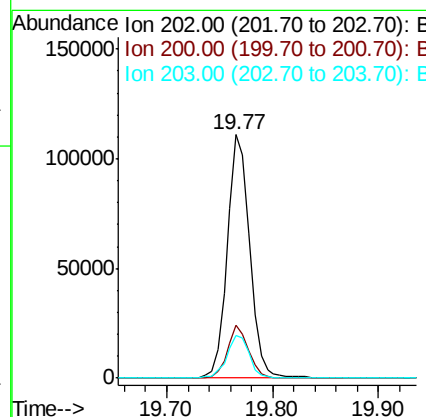
RT: 19.77 min Scan# 2839

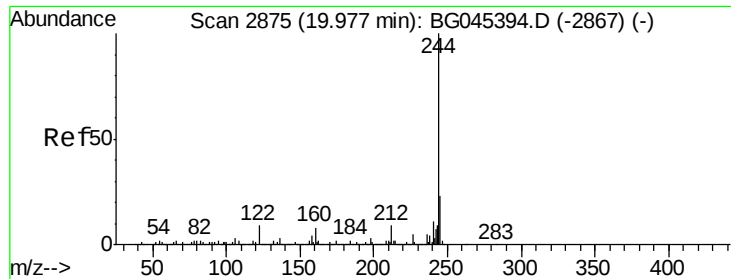
Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Tgt Ion:	202	Resp:	162878
Ion Ratio	Lower	Upper	
202	100		
200	21.6	18.2	27.2
203	17.3	15.1	22.7





#79

Terphenyl-d14

Concen: 83.754 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:244 Resp: 2345160

Ion Ratio Lower Upper

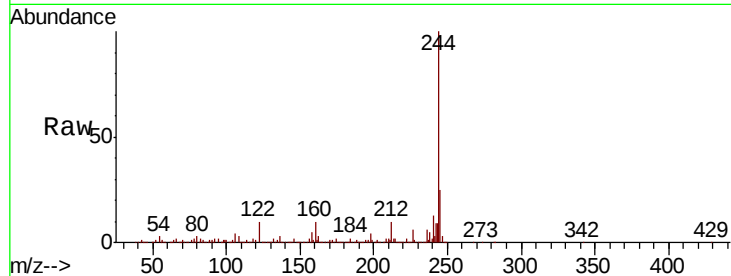
244 100

212 10.3 7.4 11.0

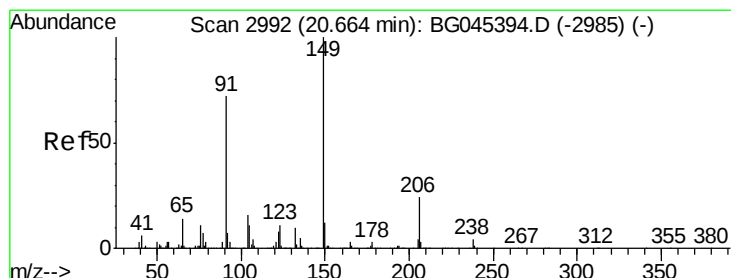
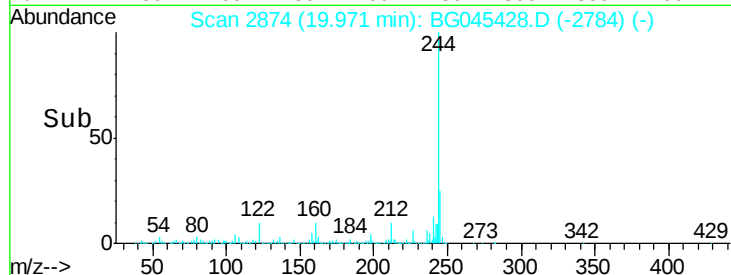
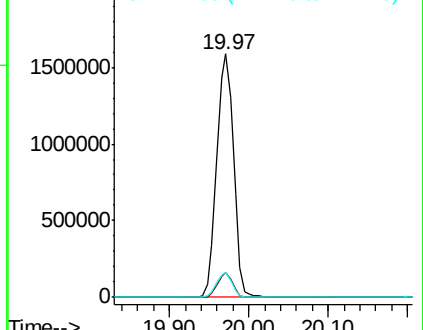
122 10.1 6.8 10.2

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



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: 3.886 ng

RT: 20.66 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

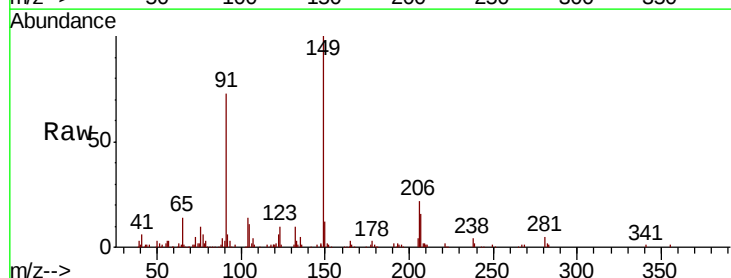
Tgt Ion:149 Resp: 62439

Ion Ratio Lower Upper

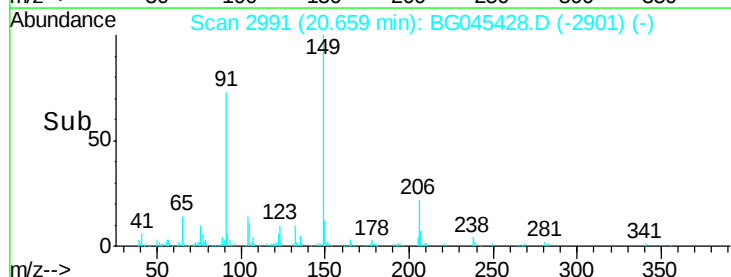
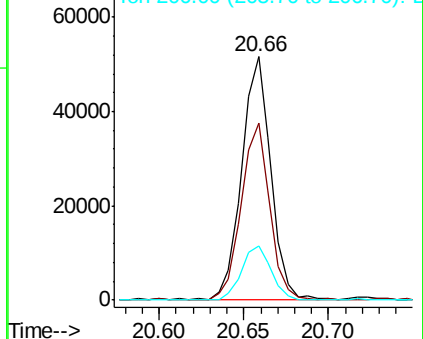
149 100

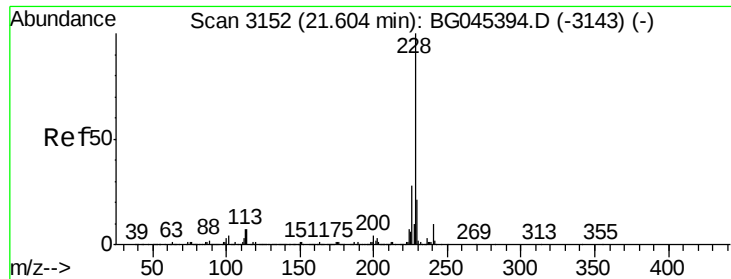
91 72.6 57.8 86.6

206 22.0 19.1 28.7



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





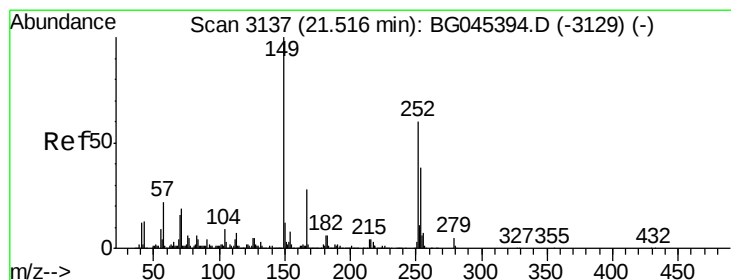
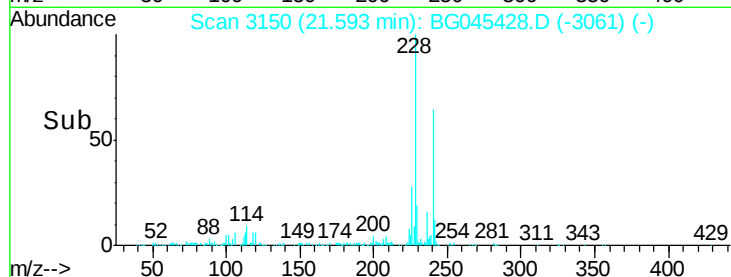
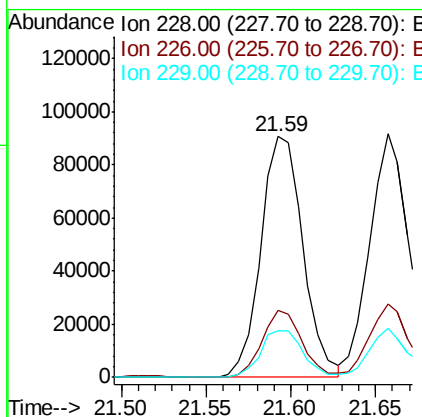
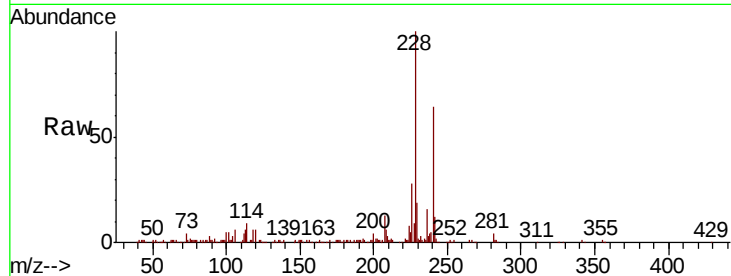
#81
Benzo(a)anthracene
Concen: 4.312 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	19.5	16.7	25.1

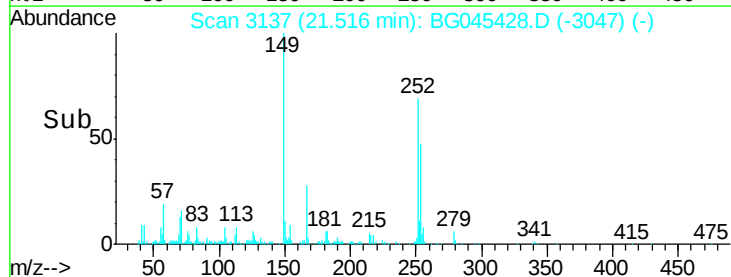
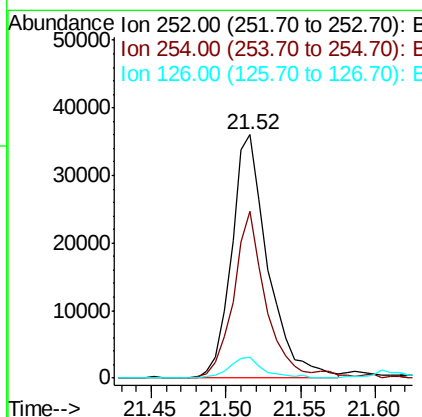
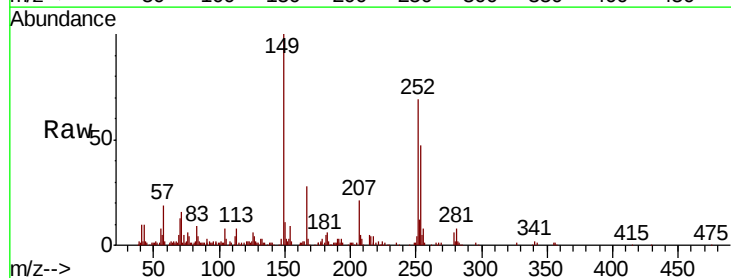
Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#82
3,3'-Dichlorobenzidine
Concen: 4.275 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.5	51.3	76.9
126	8.6	6.6	10.0





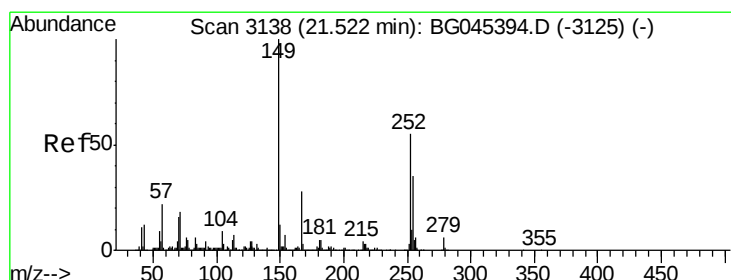
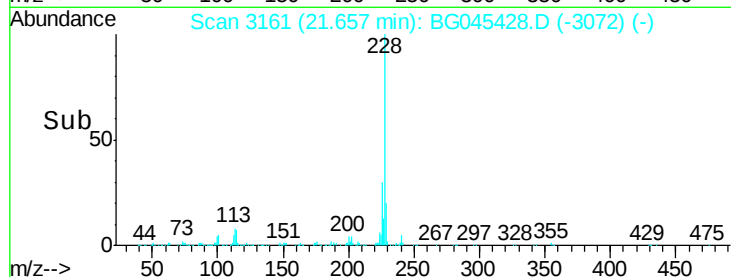
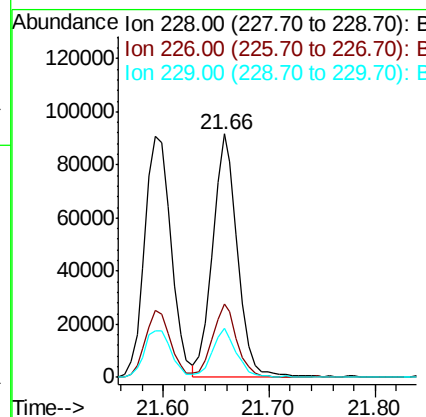
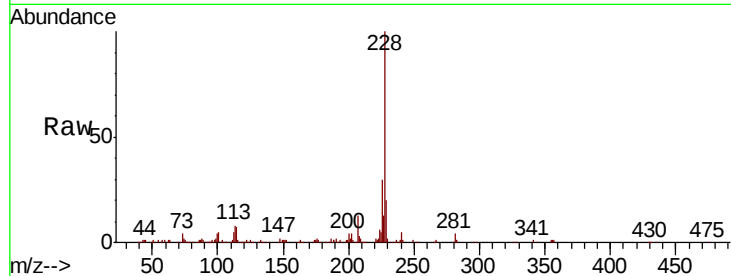
#83
 Chrysene
 Concen: 4.287 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

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

Tot Ion:	228	Resp:	149973
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.2	37.8
229	20.1	16.7	25.1

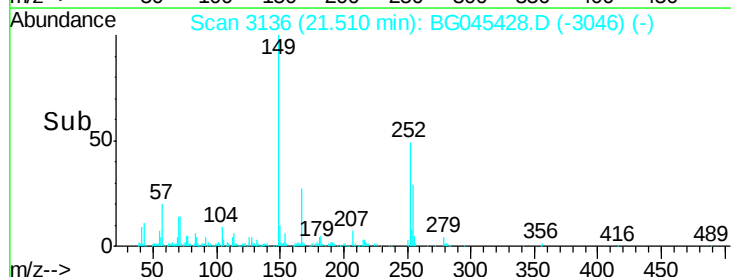
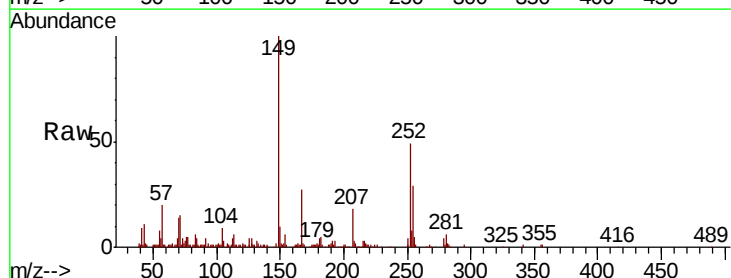
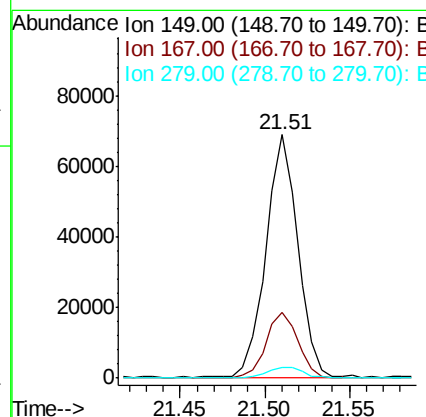
Manual Integrations
 APPROVED

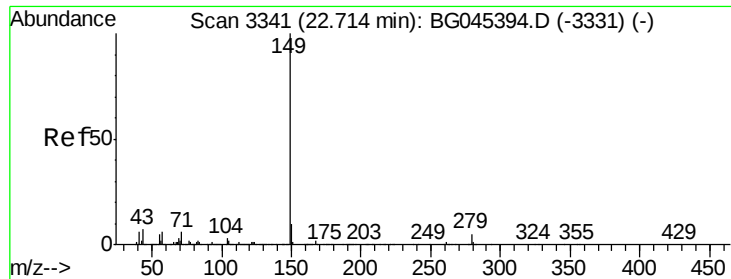
mohammad
 5/20/2020 1:19:58 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.075 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG045428.D
 Acq: 19 May 2020 17:25

Tgt Ion:	149	Resp:	90018
Ion Ratio	Lower	Upper	
149	100		
167	26.8	22.2	33.2
279	4.2	4.7	7.1#





#85

Di-n-octyl phthalate

Concen: 4.043 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Instrument :

BNA_G

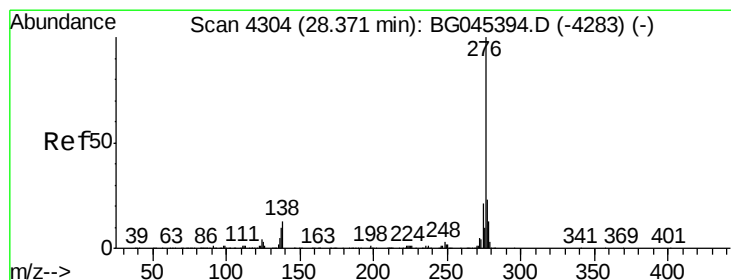
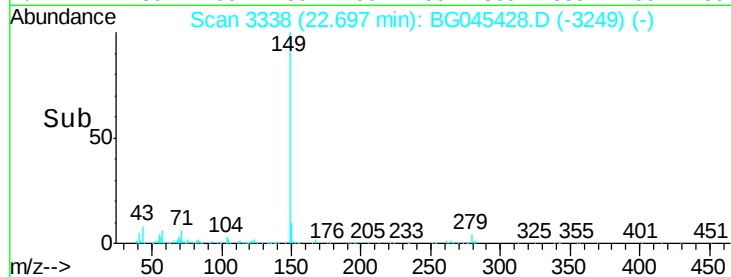
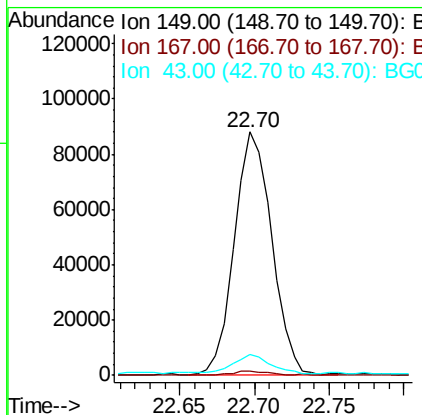
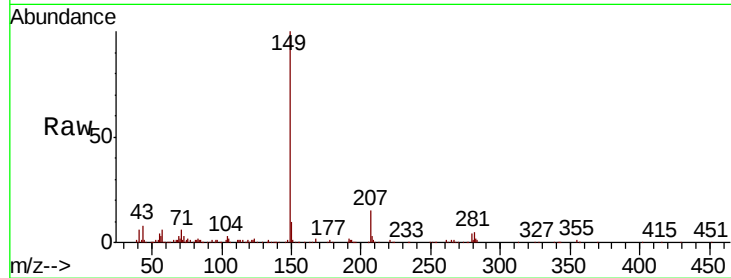
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	149	Resp:	153383
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.4	2.0
43	8.2	5.8	8.8

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 3.808 ng

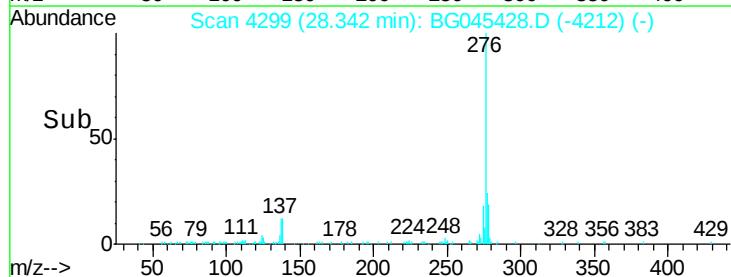
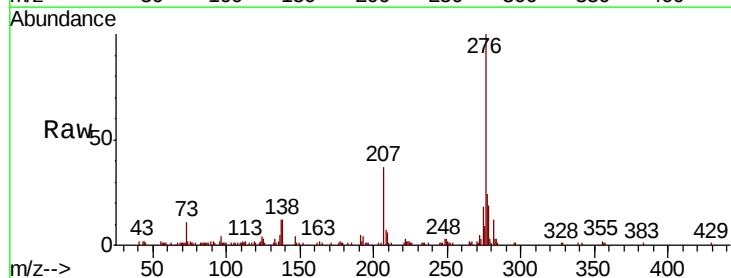
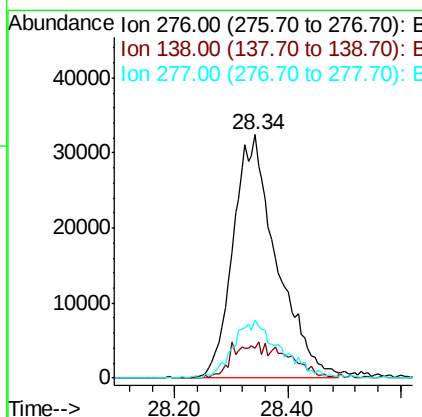
RT: 28.34 min Scan# 4299

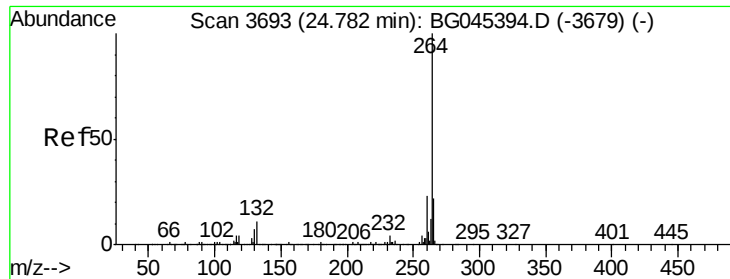
Delta R.T. -0.02 min

Lab File: BG045428.D

Acq: 19 May 2020 17:25

Tgt Ion:	276	Resp:	174196
Ion Ratio	Lower	Upper	
276	100		
138	0.0	8.6	12.8#
277	10.6	20.2	30.4#





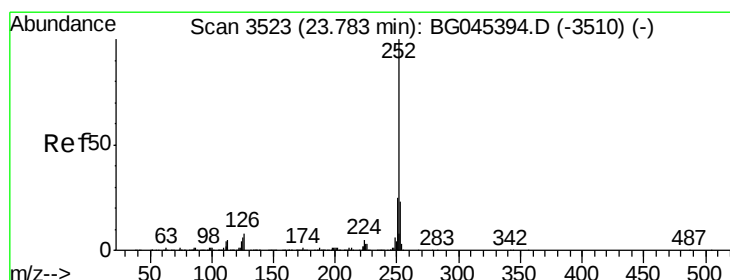
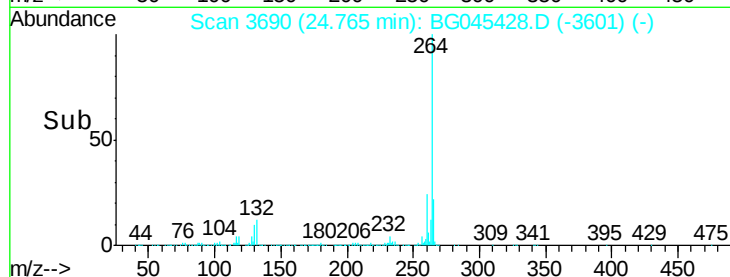
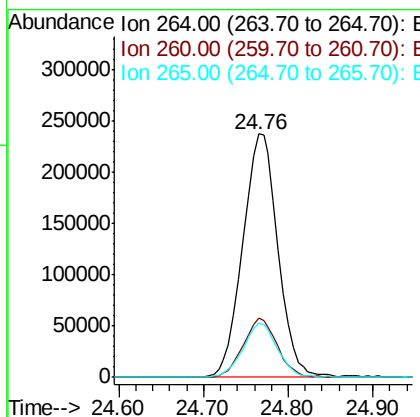
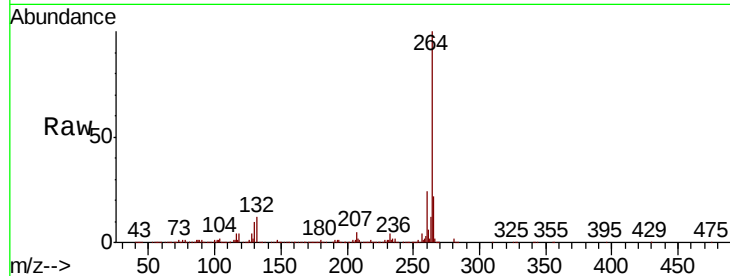
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	22.0	17.6	26.4

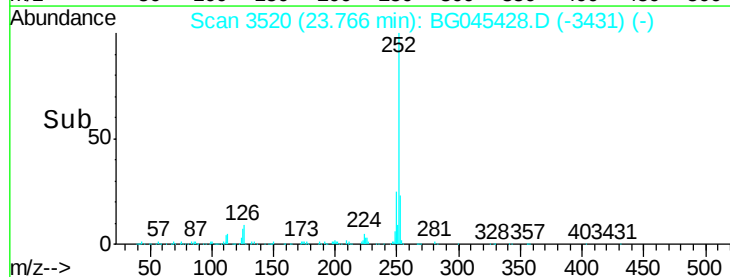
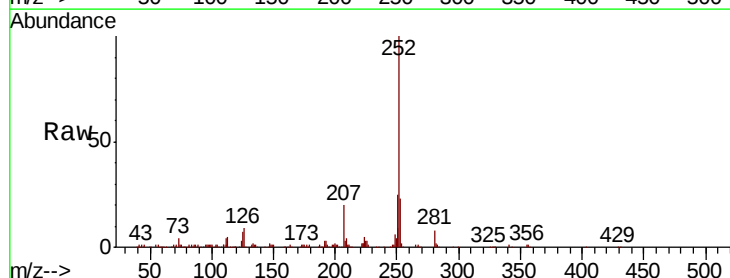
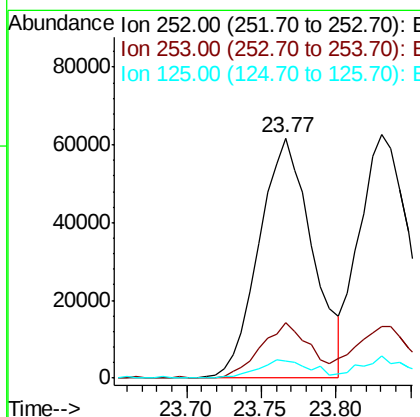
Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#88
Benzo(b)fluoranthene
Concen: 4.188 ng
RT: 23.77 min Scan# 3520
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	7.0	5.0	7.6





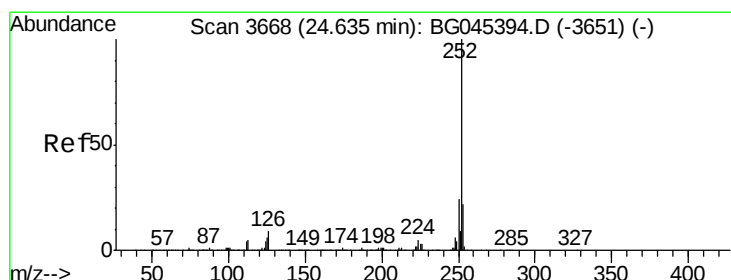
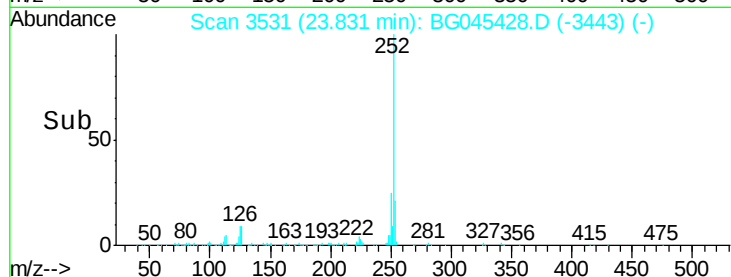
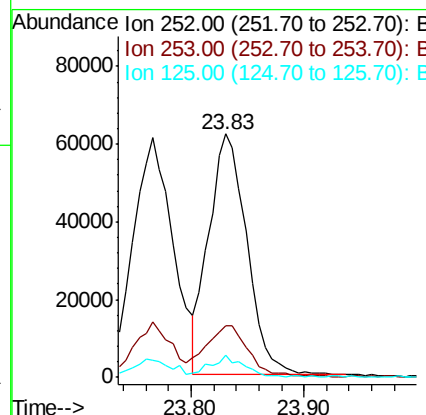
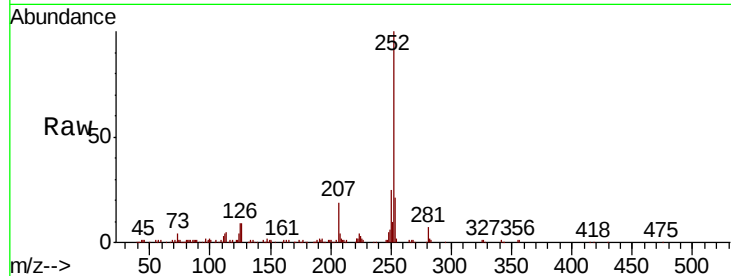
#89
Benzo(k)fluoranthene
Concen: 4.233 ng m
RT: 23.83 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.4	27.6
125	9.1	5.7	8.5#

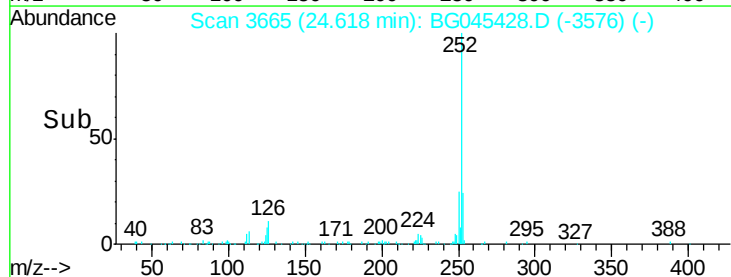
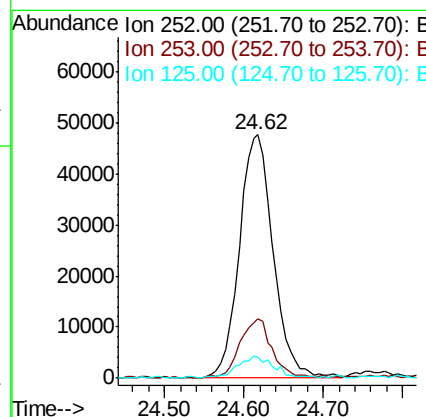
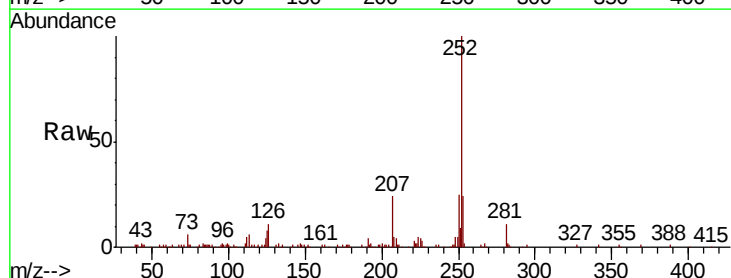
Manual Integrations
APPROVED

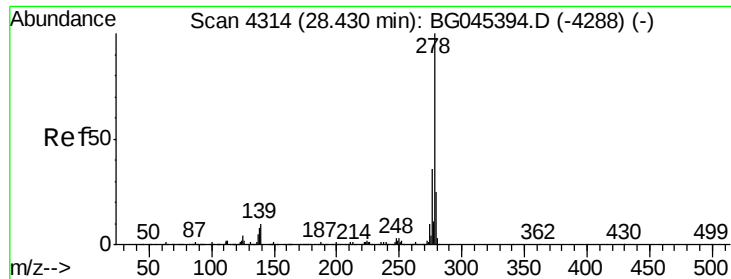
mohammad
5/20/2020 1:19:58 PM



#90
Benzo(a)pyrene
Concen: 4.134 ng
RT: 24.62 min Scan# 3665
Delta R.T. -0.01 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	8.4	5.0	7.6#





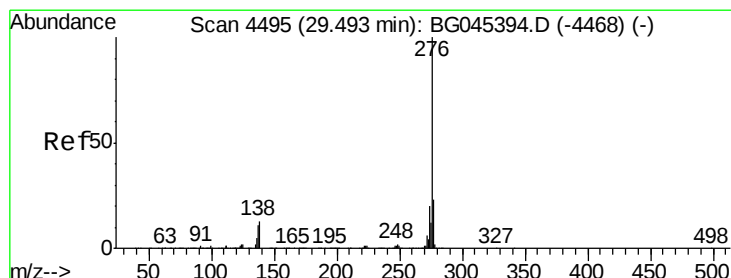
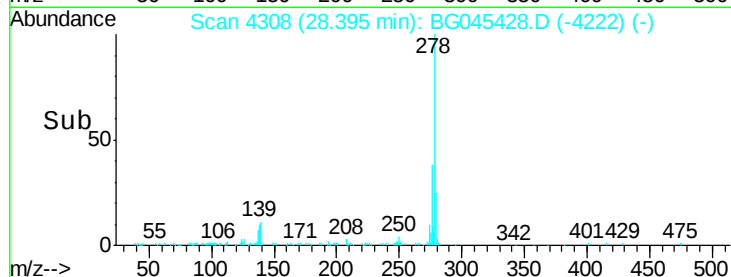
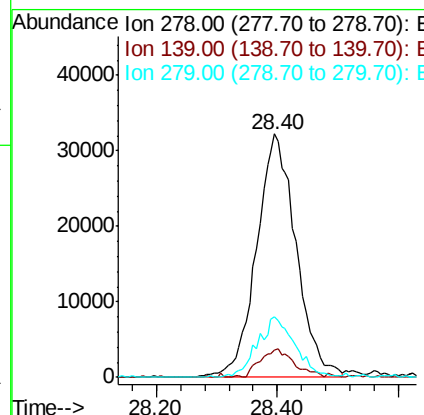
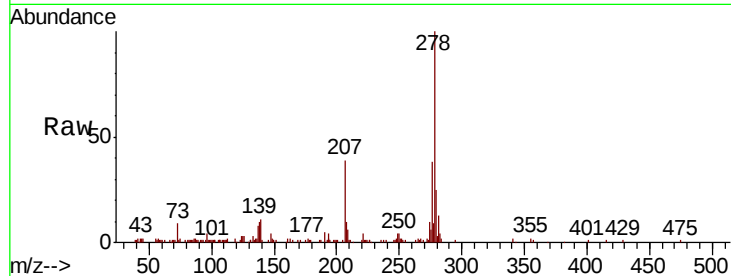
#91
Dibenzo(a,h)anthracene
Concen: 4.250 ng
RT: 28.40 min Scan# 4308
Delta R.T. -0.03 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

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

Tot Ion:278	Resp:	146001
Ion Ratio	Lower	Upper
278	100	
139	11.2	7.8 11.8
279	25.1	19.8 29.8

Manual Integrations
APPROVED

mohammad
5/20/2020 1:19:58 PM



#92
Benzo(g,h,i)perylene
Concen: 4.271 ng
RT: 29.45 min Scan# 4487
Delta R.T. -0.03 min
Lab File: BG045428.D
Acq: 19 May 2020 17:25

Tgt Ion:276	Resp:	146752
Ion Ratio	Lower	Upper
276	100	
277	22.9	18.1 27.1
138	10.3	10.2 15.4

