

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
 Data File : BG045983.D
 Acq On : 8 Jul 2020 16:38
 Operator : CG/JU
 Sample : L3216-08
 Misc : LOO-WTR-5PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Manual Integrations
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mohammad
 7/10/2020 11:45:44 AM

Quant Time: Jul 08 17:17:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 08 15:53:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	141461	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	590323	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	356277	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	716444	20.00	ng	0.00
76) Chrysene-d12	21.63	240	649675	20.00	ng	0.00
86) Perylene-d12	24.78	264	643538	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	873916	100.18	ng	0.00
7) Phenol-d6	7.16	99	1276531	101.64	ng	0.00
23) Nitrobenzene-d5	9.16	82	837680	81.68	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	333346	100.81	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1649405	72.21	ng	0.00
79) Terphenyl-d14	19.99	244	1699117	58.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	22784	5.661	ng	96
3) Pyridine	3.91	79	47565	3.909	ng	96
4) n-Nitrosodimethylamine	3.82	42	18805	4.570	ng	# 95
6) Aniline	7.33	93	74812	4.657	ng	97
8) 2-Chlorophenol	7.57	128	43786	4.663	ng	96
9) Benzaldehyde	7.14	77	50909	6.398	ng	97
10) Phenol	7.19	94	57904	4.596	ng	92
11) bis(2-Chloroethyl)ether	7.42	93	48894	4.693	ng	97
12) 1,3-Dichlorobenzene	7.90	146	47889	4.424	ng	97
13) 1,4-Dichlorobenzene	8.05	146	47559	4.467	ng	97
14) 1,2-Dichlorobenzene	8.36	146	45633	4.453	ng	94
15) Benzyl Alcohol	8.24	79	43628	4.430	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	58967	4.338	ng	96
17) 2-Methylphenol	8.44	107	39737	4.204	ng	96
18) Hexachloroethane	9.10	117	19311	4.714	ng	89
19) n-Nitroso-di-n-propylamine	8.81	70	40192	4.556	ng	98
20) 3+4-Methylphenols	8.76	107	51685	4.012	ng	97
22) Acetophenone	8.82	105	74628	4.732	ng	# 95
24) Nitrobenzene	9.20	77	56474	4.989	ng	100
25) Isophorone	9.73	82	107195	4.281	ng	99
26) 2-Nitrophenol	9.91	139	16151	4.377	ng	94
27) 2,4-Dimethylphenol	9.97	122	40895	4.589	ng	91
28) bis(2-Chloroethoxy)methane	10.21	93	64112	4.560	ng	93
29) 2,4-Dichlorophenol	10.44	162	37984	4.117	ng	93
30) 1,2,4-Trichlorobenzene	10.67	180	44118	4.316	ng	92
31) Naphthalene	10.85	128	146065	4.616	ng	97
32) Benzoic acid	10.03	122	11361m	2.354	ng	
33) 4-Chloroaniline	10.95	127	60328	4.266	ng	95
34) Hexachlorobutadiene	11.15	225	24467	4.099	ng	91
35) Caprolactam	11.69	113	13424	3.832	ng	94
36) 4-Chloro-3-methylphenol	12.07	107	42583	4.053	ng	97
37) 2-Methylnaphthalene	12.46	142	100770	4.479	ng	97
38) 1-Methylnaphthalene	12.67	142	98145	4.623	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	46747	4.655	ng	99

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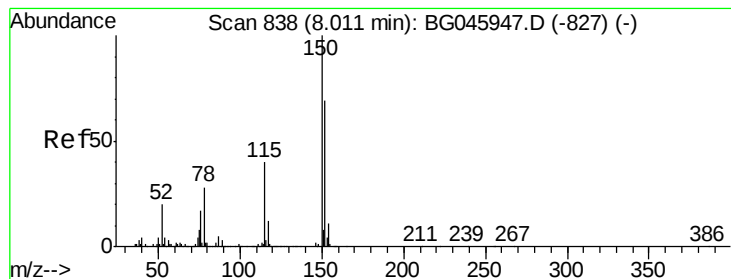
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	25126	4.216	ng	98
43) 2,4,6-Trichlorophenol	13.06	196	26276	3.869	ng	100
44) 2,4,5-Trichlorophenol	13.13	196	28440	3.703	ng	# 93
46) 1,1'-Biphenyl	13.46	154	133673	4.988	ng	89
47) 2-Chloronaphthalene	13.50	162	94728	4.480	ng	98
48) 2-Nitroaniline	13.69	65	24054	4.860	ng	93
49) Acenaphthylene	14.35	152	157194	4.607	ng	96
50) Dimethylphthalate	14.08	163	114026	4.265	ng	98
51) 2,6-Dinitrotoluene	14.18	165	20061	4.835	ng	96
52) Acenaphthene	14.69	154	91862	4.269	ng	97
53) 3-Nitroaniline	14.51	138	22474	4.371	ng	97
54) 2,4-Dinitrophenol	14.72	184	3650	2.494	ng	89
55) Dibenzofuran	15.02	168	147077	4.662	ng	99
56) 4-Nitrophenol	14.81	139	16447	3.776	ng	96
57) 2,4-Dinitrotoluene	14.97	165	23237	4.533	ng	# 90
58) Fluorene	15.67	166	118944	4.596	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	25442	4.291	ng	96
60) Diethylphthalate	15.45	149	119214	4.251	ng	97
61) 4-Chlorophenyl-phenylether	15.67	204	56426	4.383	ng	97
62) 4-Nitroaniline	15.67	138	23674	4.284	ng	91
63) Azobenzene	15.96	77	140581	4.671	ng	94
65) 4,6-Dinitro-2-methylphenol	15.73	198	7738	3.688	ng	86
66) n-Nitrosodiphenylamine	15.88	169	100748	4.538	ng	97
67) 4-Bromophenyl-phenylether	16.56	248	33240	4.154	ng	97
68) Hexachlorobenzene	16.68	284	35023	4.362	ng	92
69) Atrazine	16.82	200	32450	4.944	ng	96
70) Pentachlorophenol	17.02	266	13647	3.057	ng	86
71) Phenanthrene	17.41	178	176654	4.664	ng	99
72) Anthracene	17.50	178	181788	4.729	ng	97
73) Carbazole	17.76	167	171895	4.461	ng	94
74) Di-n-butylphthalate	18.34	149	202201	4.343	ng	96
75) Fluoranthene	19.42	202	204336	4.667	ng	96
77) Benzidine	19.59	184	105687	5.689	ng	97
78) Pyrene	19.78	202	213772	4.820	ng	93
80) Butylbenzylphthalate	20.68	149	80736	3.853	ng	99
81) Benzo(a)anthracene	21.61	228	194361	4.550	ng	92
82) 3,3'-Dichlorobenzidine	21.52	252	67668	4.287	ng	98
83) Chrysene	21.67	228	180646	4.439	ng	96
84) Bis(2-ethylhexyl)phthalate	21.55	149	124895	4.106	ng	94
85) Di-n-octyl phthalate	22.75	149	203125	3.848	ng	98
87) Indeno(1,2,3-cd)pyrene	28.35	276	201591	4.282	ng	96
88) Benzo(b)fluoranthene	23.78	252	180083	4.408	ng	97
89) Benzo(k)fluoranthene	23.85	252	188066	4.869	ng	99
90) Benzo(a)pyrene	24.63	252	168184	4.378	ng	98
91) Dibenzo(a,h)anthracene	28.42	278	168840	4.446	ng	95
92) Benzo(g,h,i)perylene	29.46	276	172677	4.519	ng	97

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



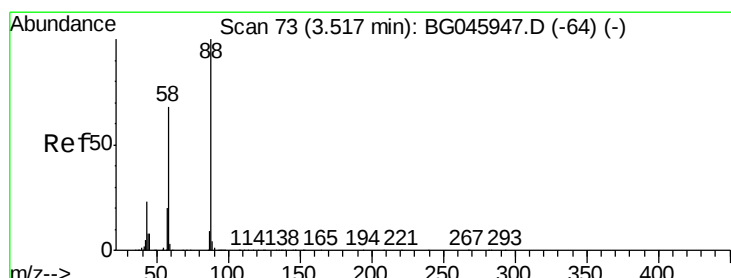
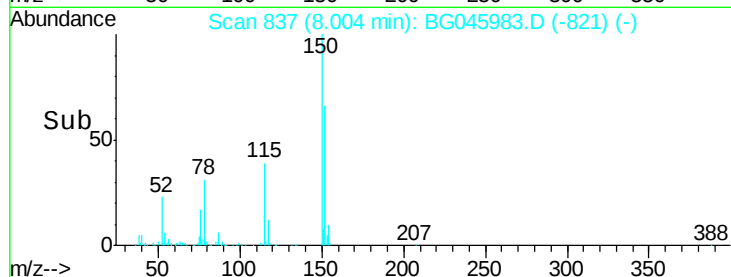
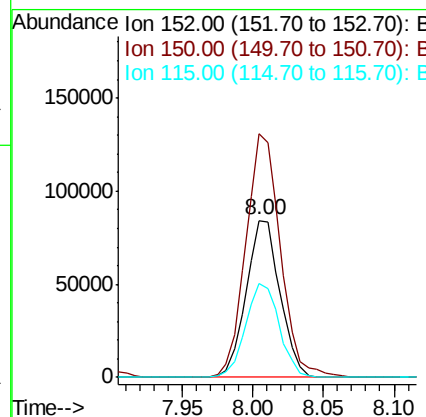
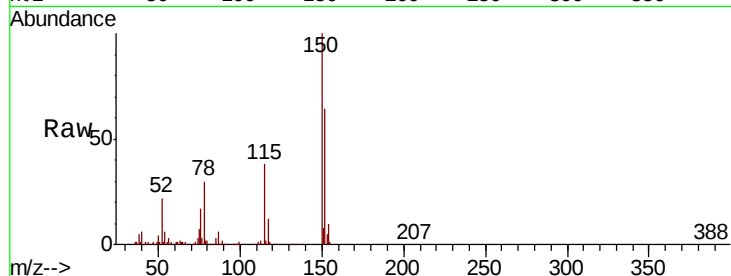
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	116.7	175.1
115	59.8	47.4	71.0

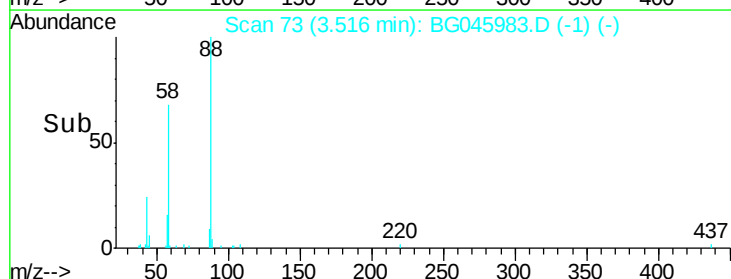
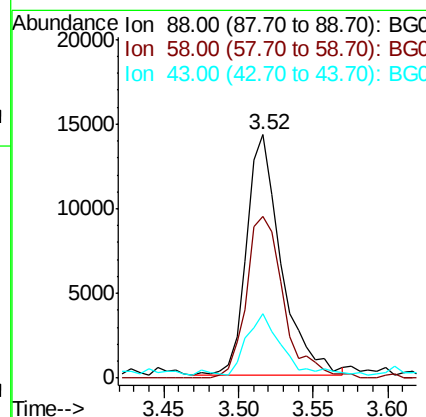
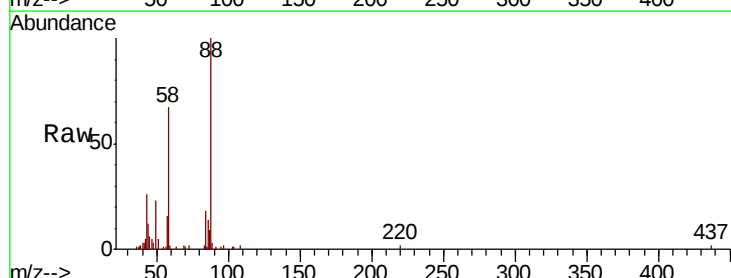
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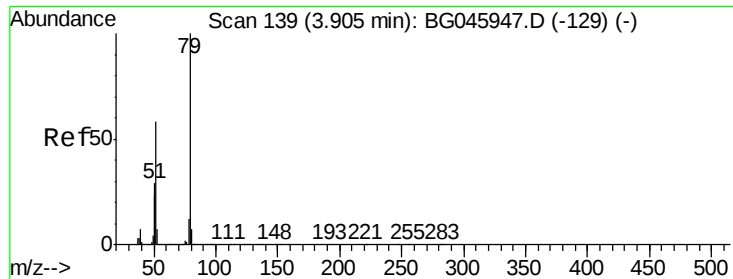
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#2
 1,4-Dioxane
 Concen: 5.661 ng
 RT: 3.52 min Scan# 73
 Delta R.T. -0.00 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	55.2	82.8
43	26.5	19.4	29.0





#3

Pvridine

Concen: 3.909 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

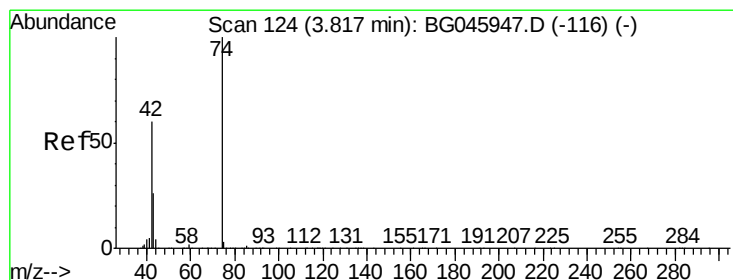
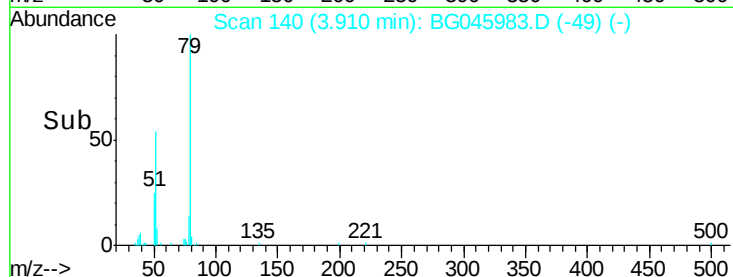
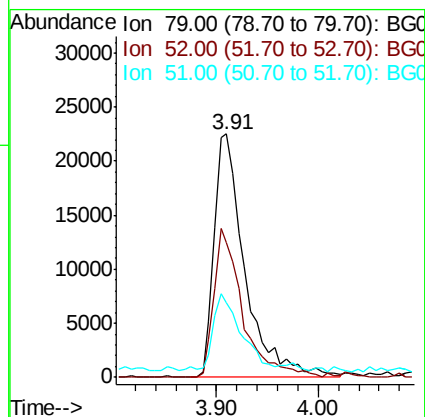
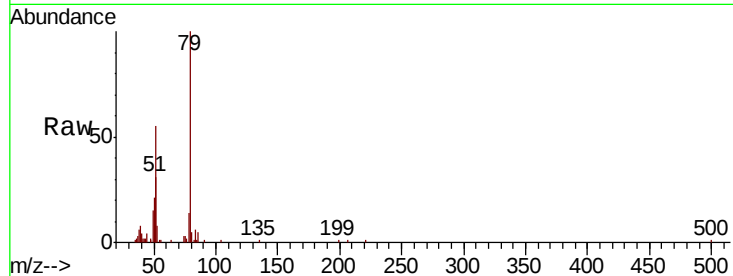
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	79	Resp:	47565
Ion	Ratio	Lower	Upper
79	100		
52	55.1	46.5	69.7
51	30.9	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 4.570 ng

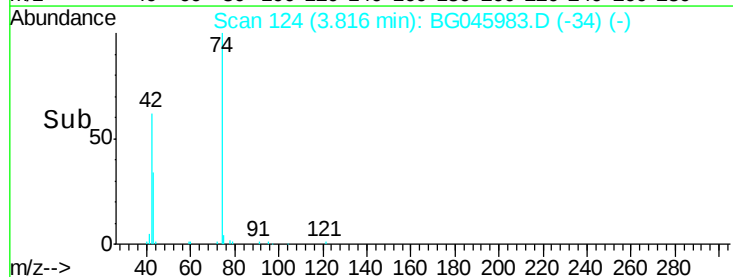
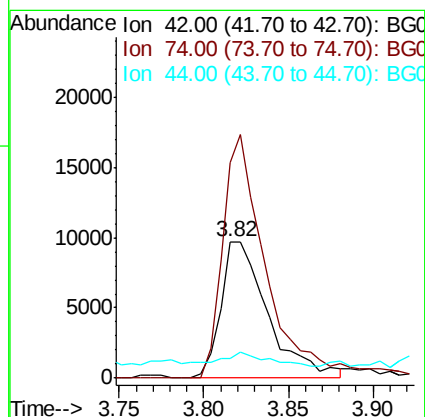
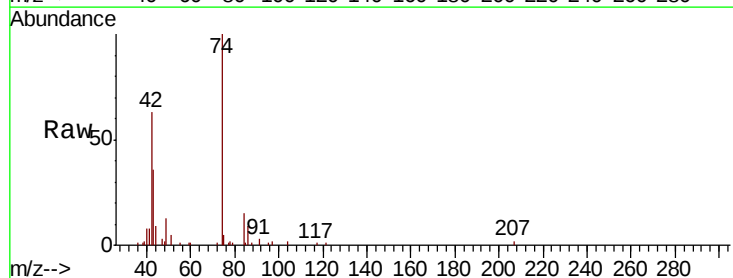
RT: 3.82 min Scan# 124

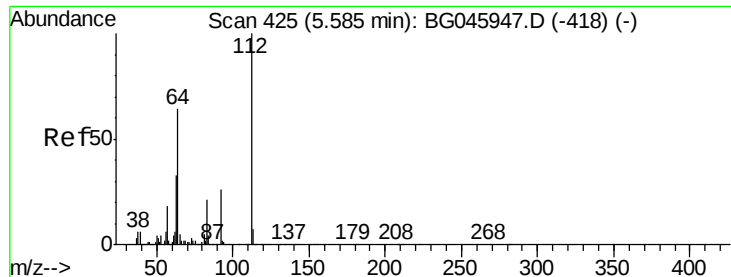
Delta R.T. -0.00 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Tgt Ion:	42	Resp:	18805
Ion	Ratio	Lower	Upper
42	100		
74	158.1	131.9	197.9
44	14.3	7.7	11.5#





#5

2-Fluorophenol

Concen: 100.183 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

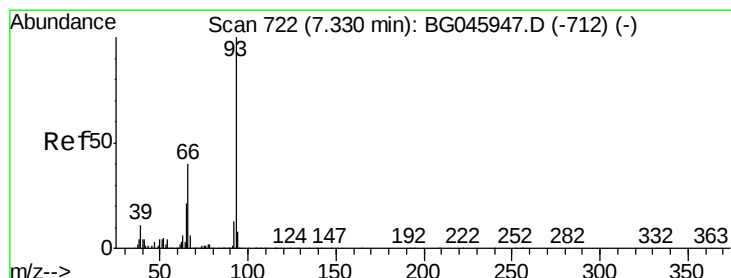
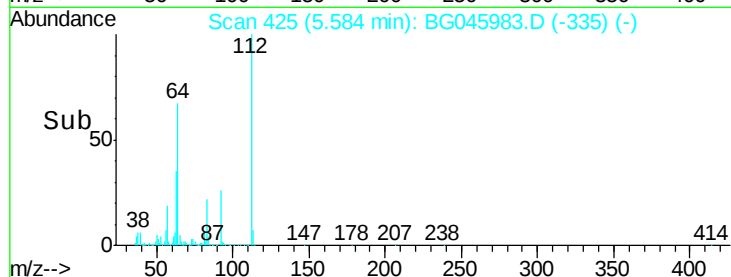
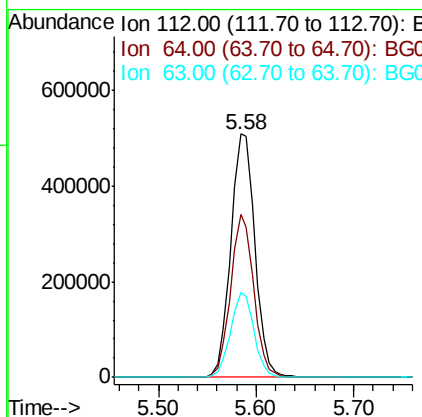
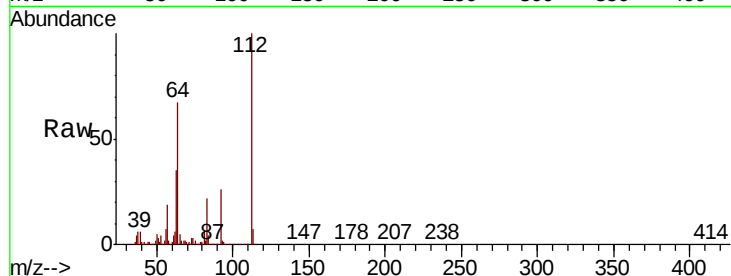
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	112	Resp:	873916
Ion Ratio	Lower	Upper	
112	100		
64	66.9	51.4	77.2
63	34.8	26.6	40.0

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#6

Aniline

Concen: 4.657 ng

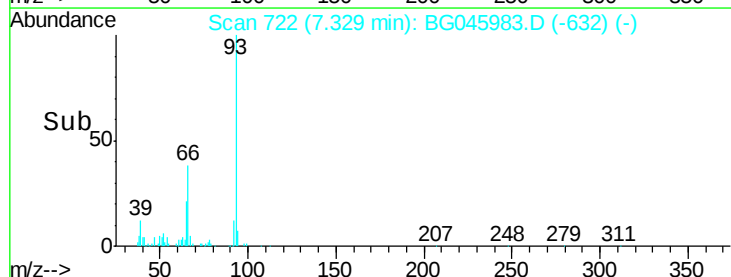
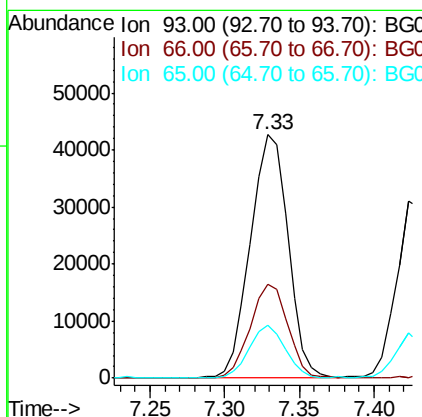
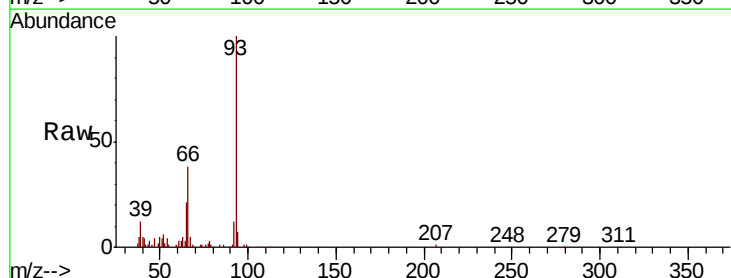
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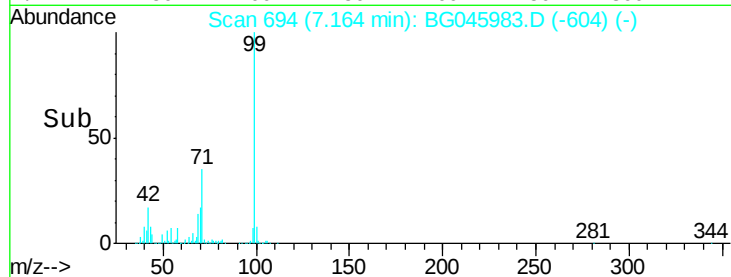
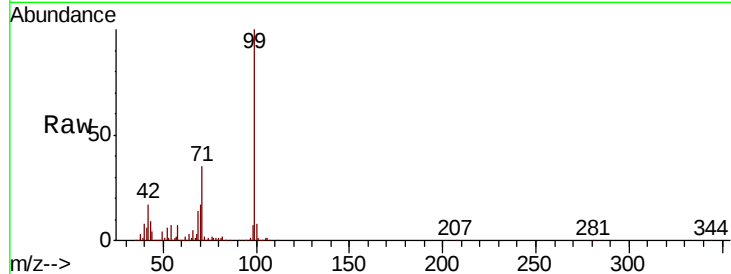
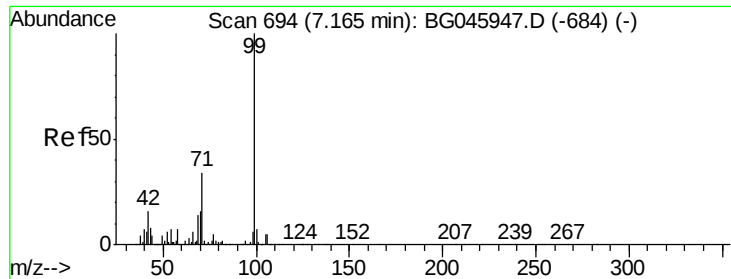
Delta R.T. -0.00 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Tgt Ion:	93	Resp:	74812
Ion Ratio	Lower	Upper	
93	100		
66	38.5	32.3	48.5
65	21.5	16.6	25.0





#7

Phenol-d6

Concen: 101.644 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Tot Ion:	99	Resp:	1276531
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.0	19.4
71	34.8	27.5	41.3

Instrument :

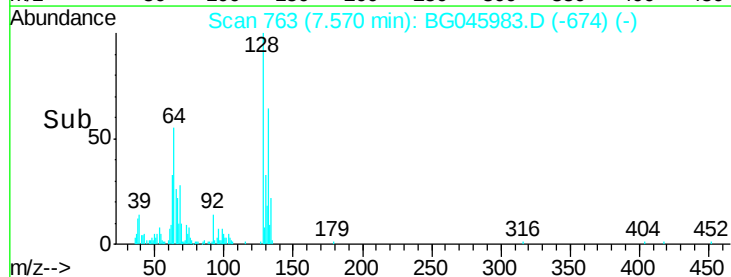
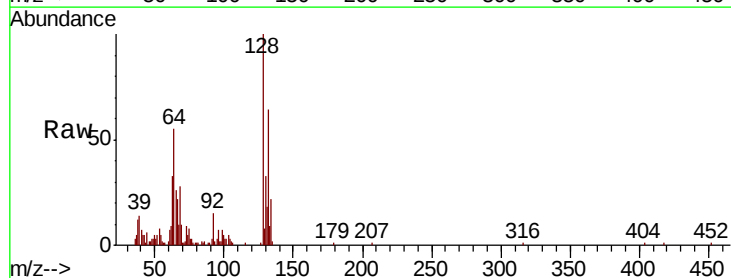
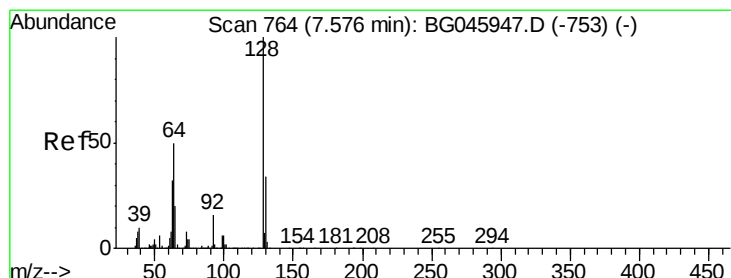
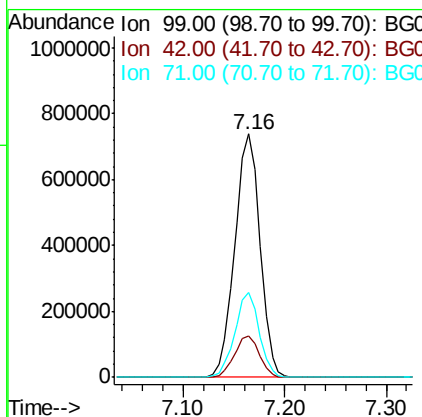
BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

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#8

2-Chlorophenol

Concen: 4.663 ng

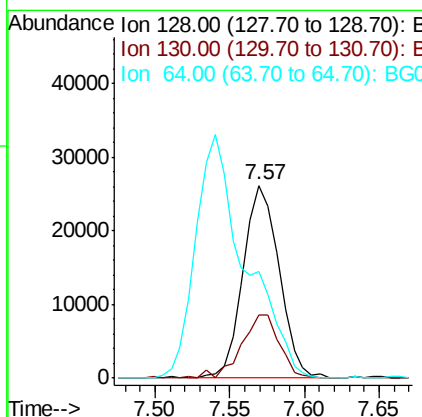
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Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Tgt Ion:	128	Resp:	43786
Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.6	53.6
64	55.2	30.6	70.6





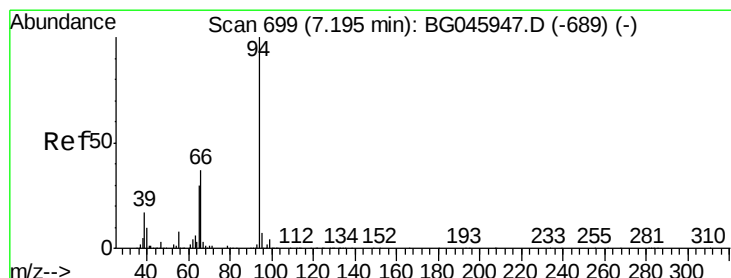
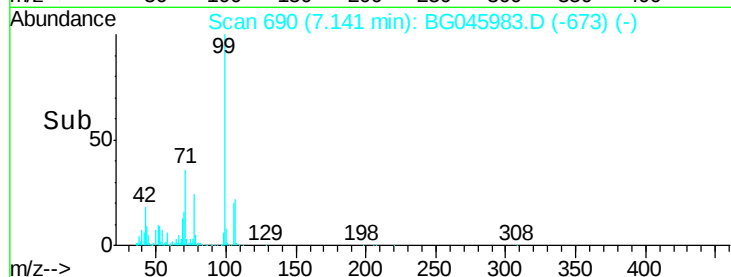
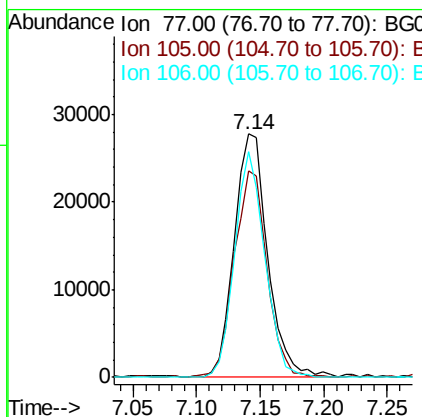
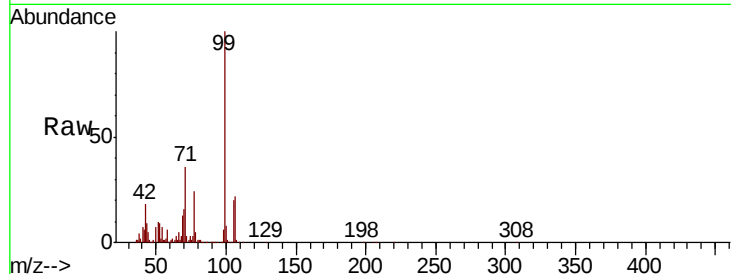
#9
Benzaldehyde
Concen: 6.398 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.00 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
77	100		
105	84.6	66.0	106.0
106	92.5	67.7	107.7

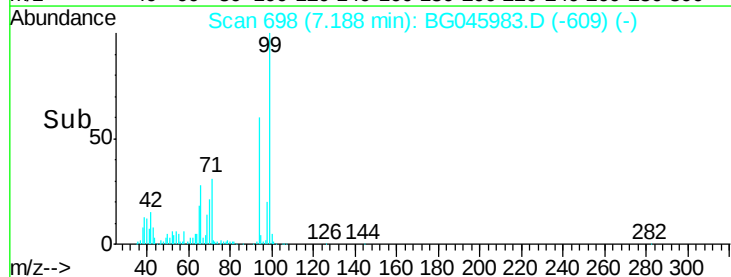
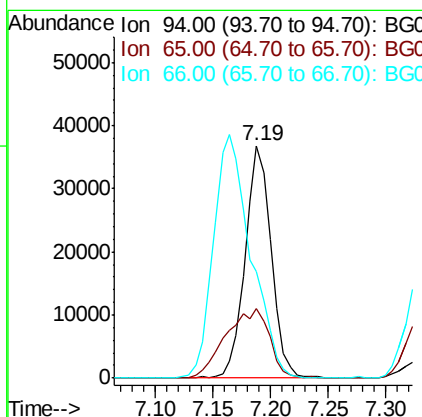
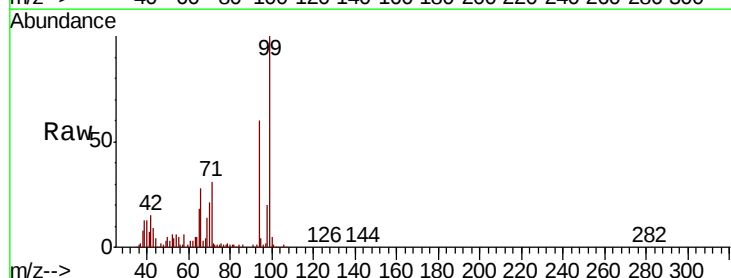
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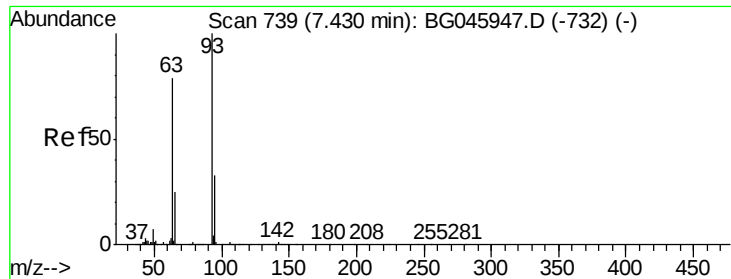
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#10
Phenol
Concen: 4.596 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.6	50.6
66	45.7	17.1	57.1





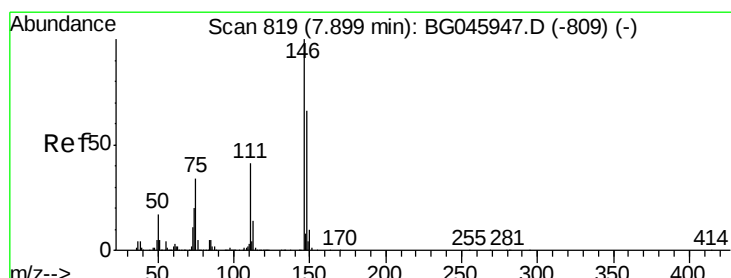
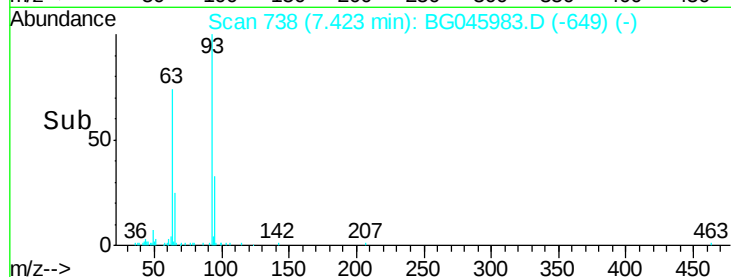
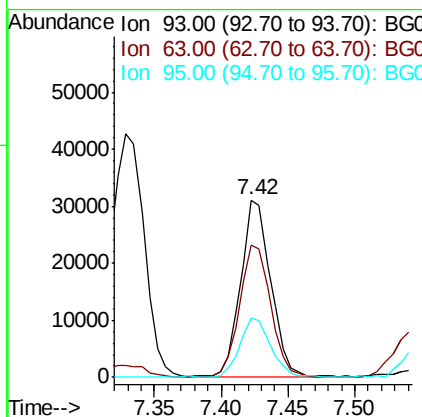
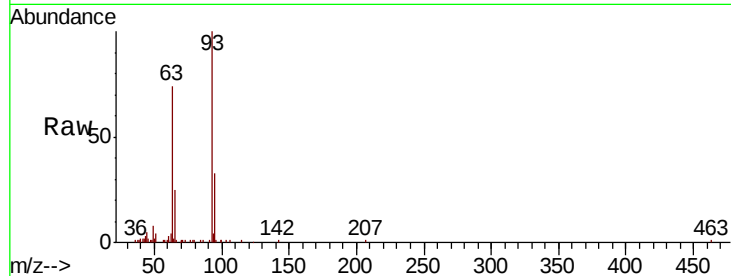
#11
bis(2-Chloroethyl)ether
Concen: 4.693 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.5	58.6	98.6
95	33.1	13.3	53.3

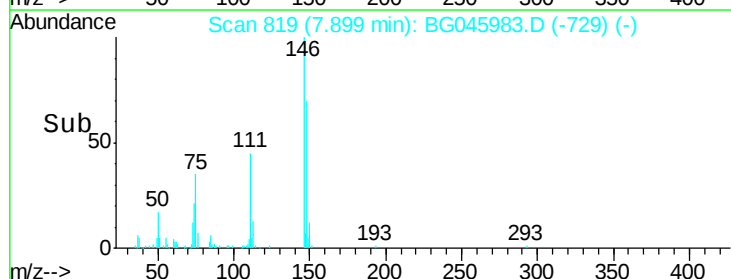
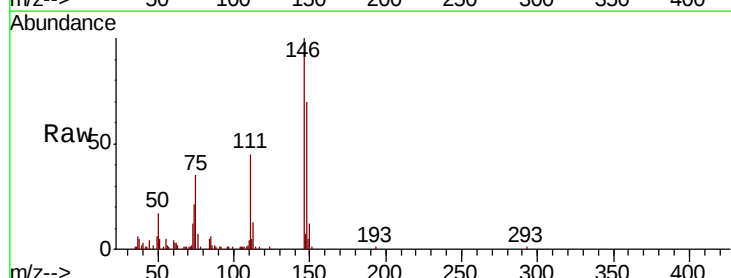
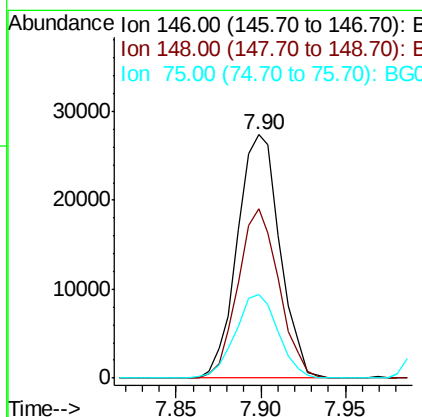
Manual Integrations
APPROVED

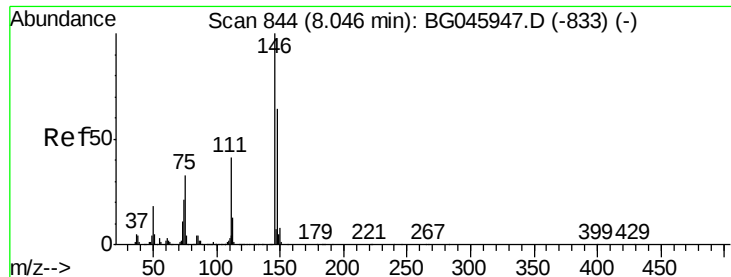
mohammad
7/10/2020 11:45:44 AM



#12
1,3-Dichlorobenzene
Concen: 4.424 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	52.8	79.2
75	34.5	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 4.467 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

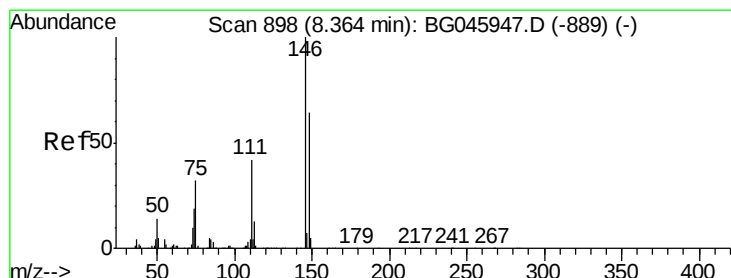
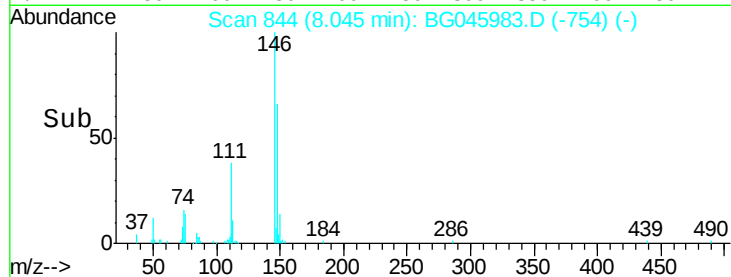
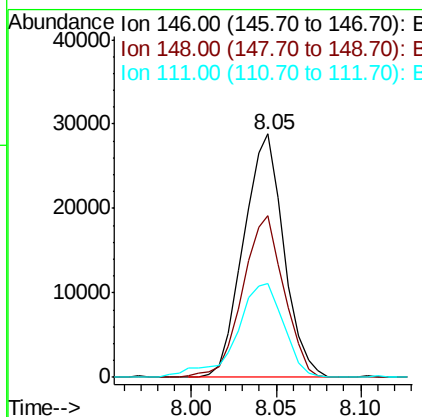
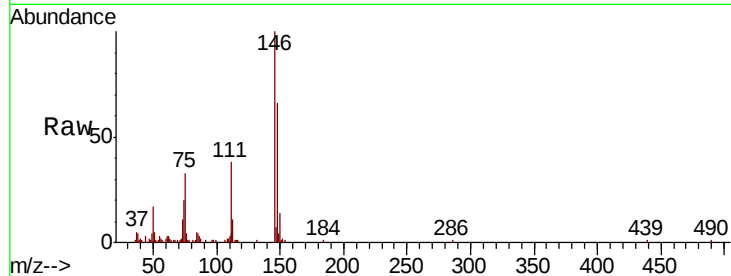
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	146	Resp:	47559
Ion Ratio	Lower	Upper	
146	100		
148	66.4	51.7	77.5
111	38.4	33.3	49.9

Manual Integrations
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mohammad
7/10/2020 11:45:44 AM



#14

1,2-Dichlorobenzene

Concen: 4.453 ng

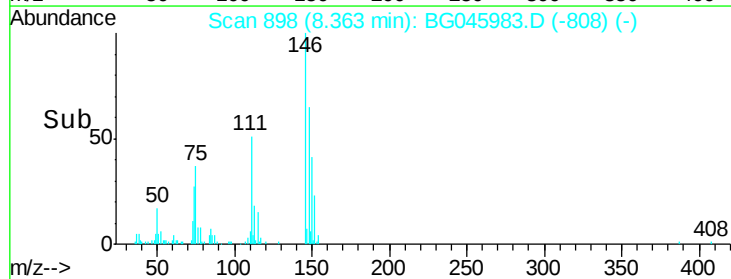
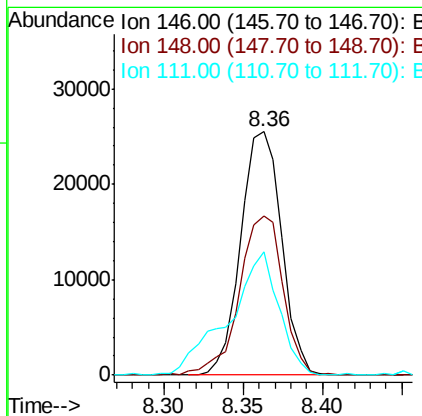
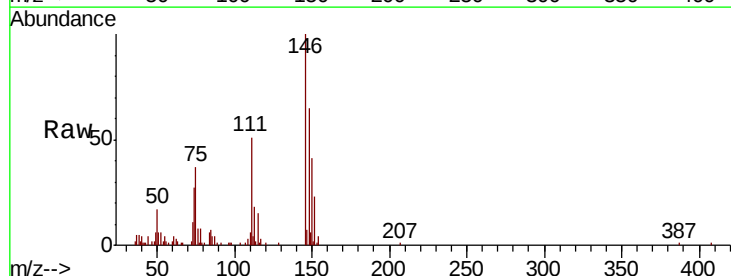
RT: 8.36 min Scan# 898

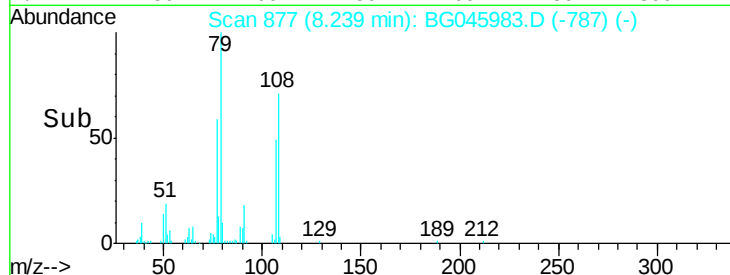
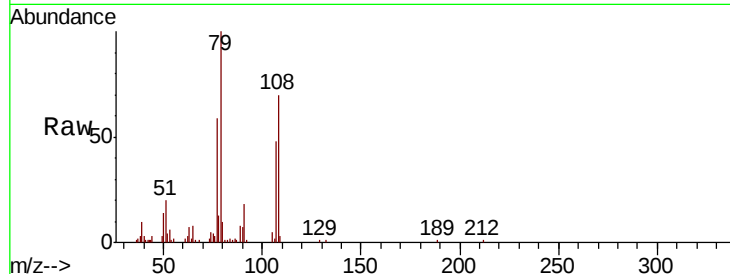
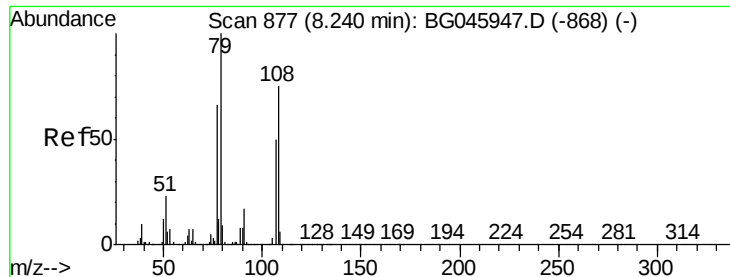
Delta R.T. -0.00 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Tgt Ion:	146	Resp:	45633
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.6	77.4
111	50.8	34.0	51.0





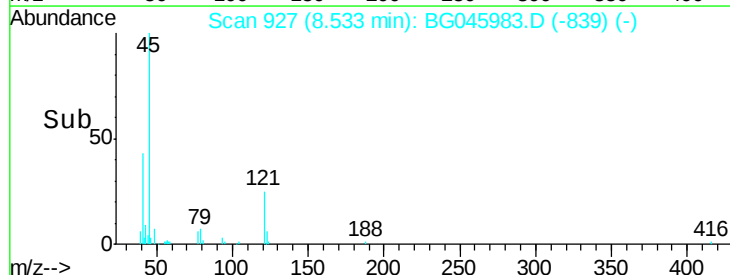
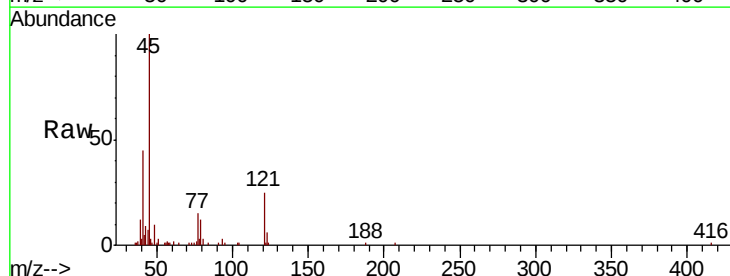
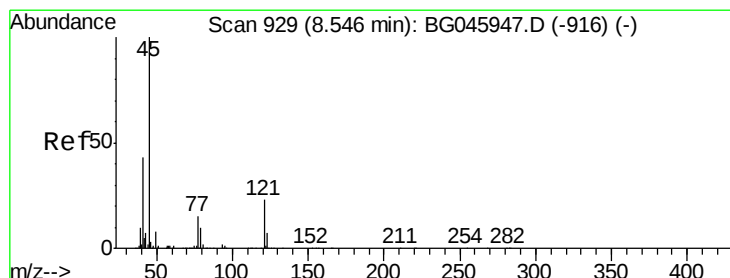
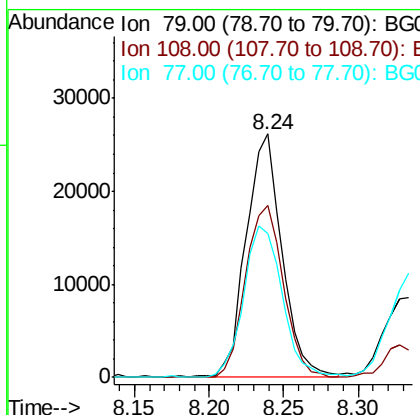
#15
Benzyl Alcohol
Concen: 4.430 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.00 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.5	60.2	90.4
77	59.2	52.9	79.3

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

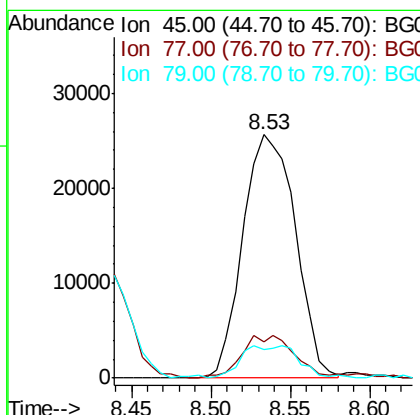
Manual Integrations
APPROVED

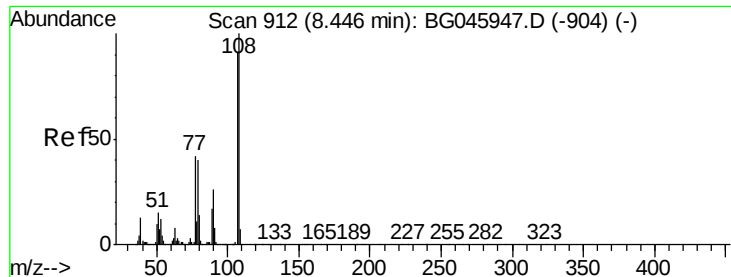
mohammad
7/10/2020 11:45:44 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.338 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	37.6
79	12.0	0.0	32.6





#17

2-Methylphenol

Concen: 4.204 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

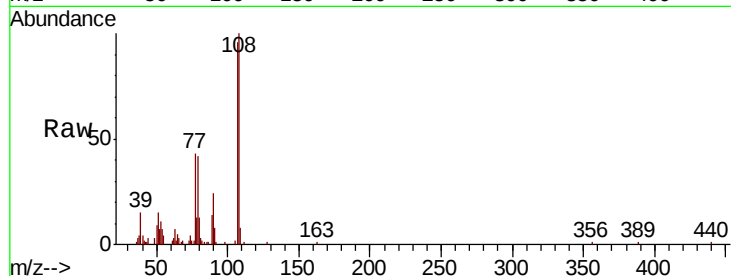
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.3	88.2	132.4	
77	44.8	37.0	55.4	
79	44.0	35.4	53.0	

Manual Integrations
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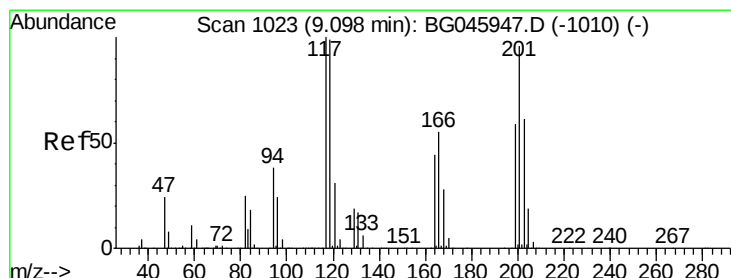
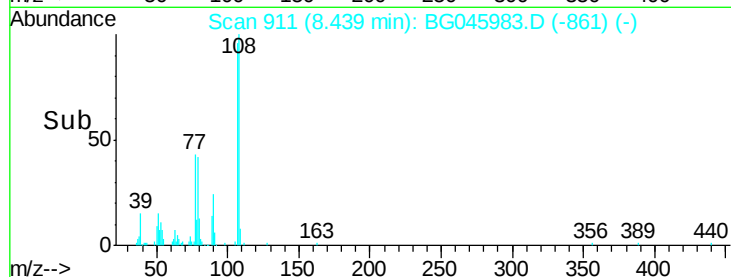
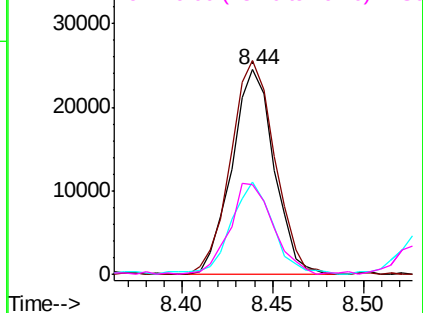
Abundance

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: 4.714 ng

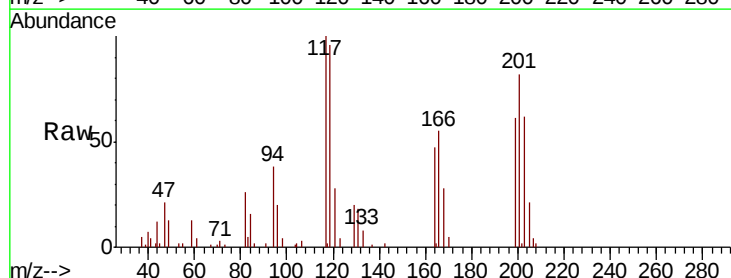
RT: 9.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	79.5	119.3	
201	80.4	77.0	115.4	

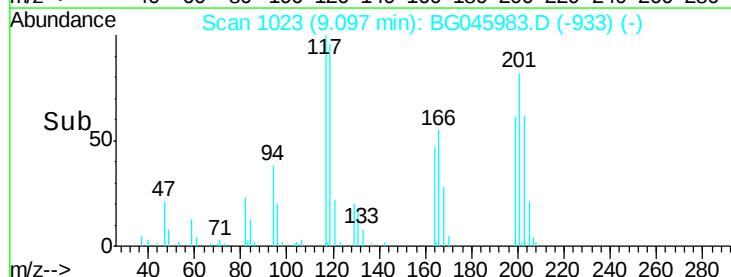
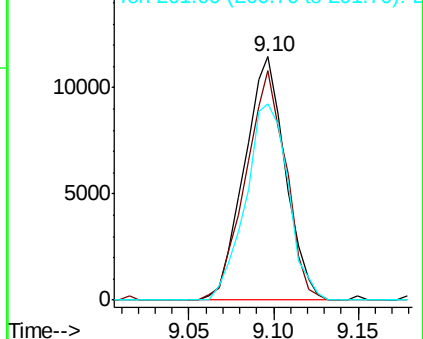


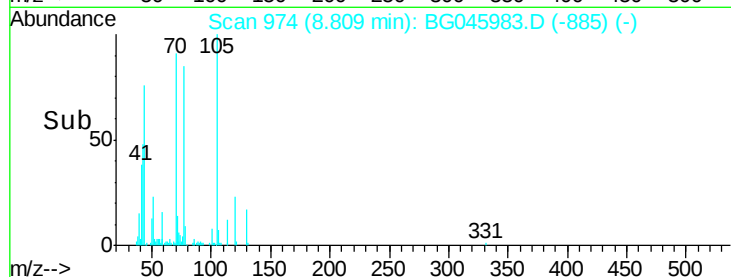
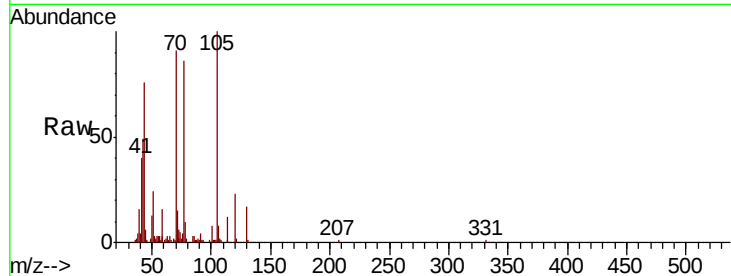
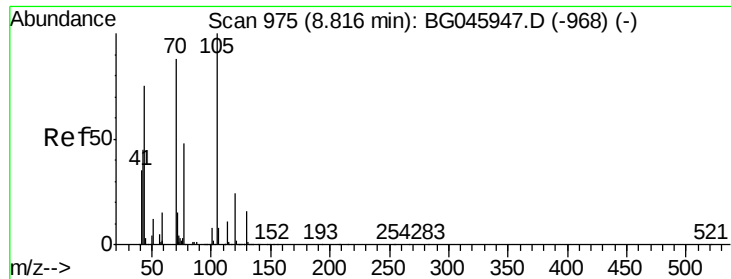
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





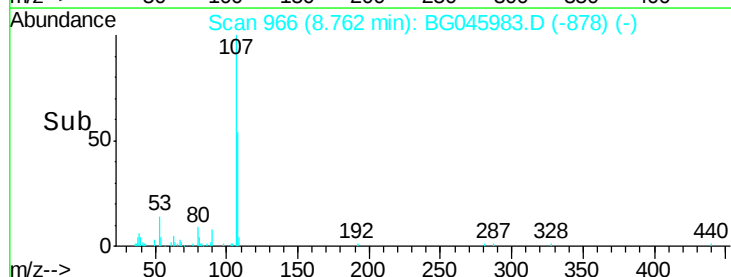
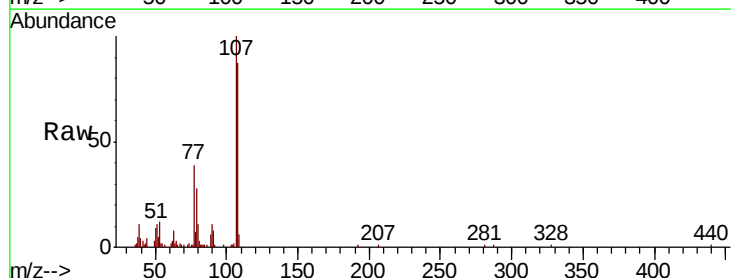
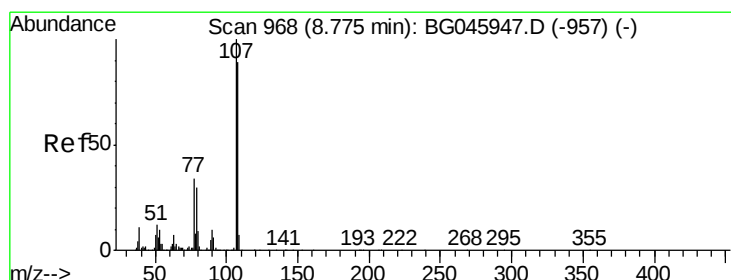
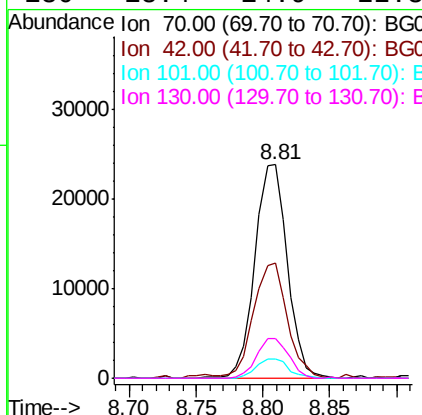
#19
n-Nitroso-di-n-propylamine
Concen: 4.556 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.8	41.4	62.0	
101	9.3	7.1	10.7	
130	18.4	14.9	22.3	

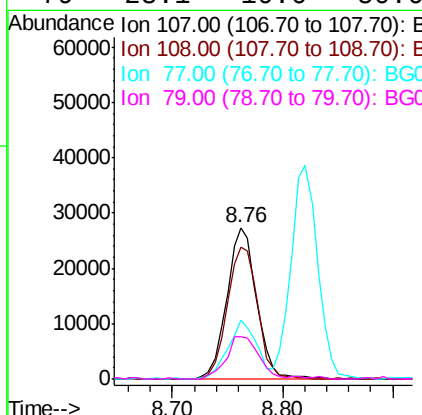
Manual Integrations
APPROVED

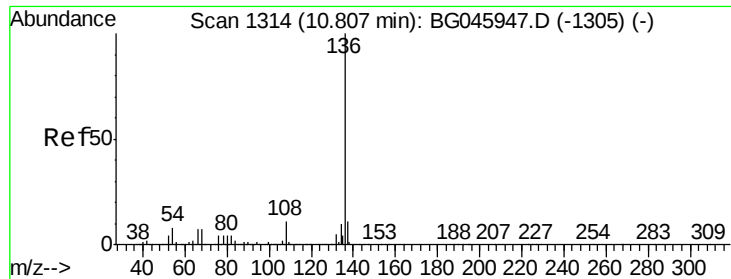
mohammad
7/10/2020 11:45:44 AM



#20
3+4-Methylphenols
Concen: 4.012 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	68.7	108.7	
77	39.2	14.6	54.6	
79	28.1	10.6	50.6	





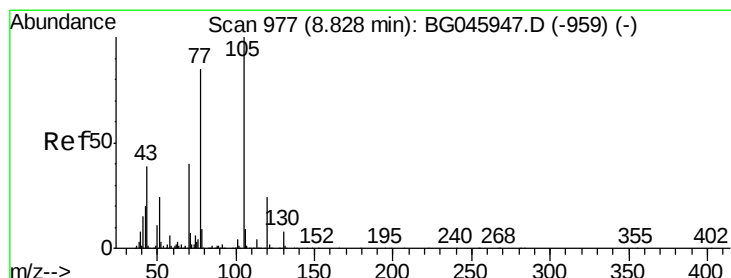
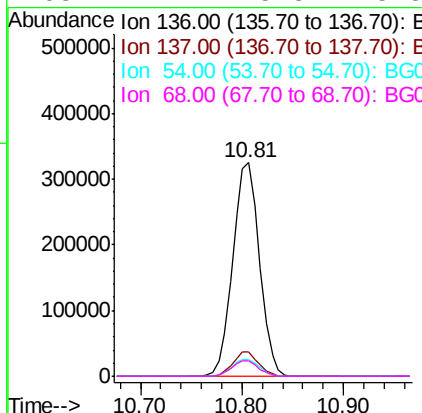
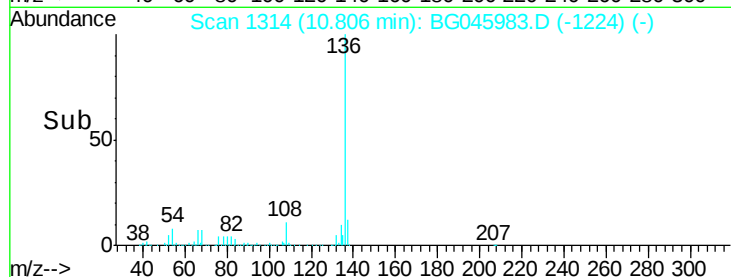
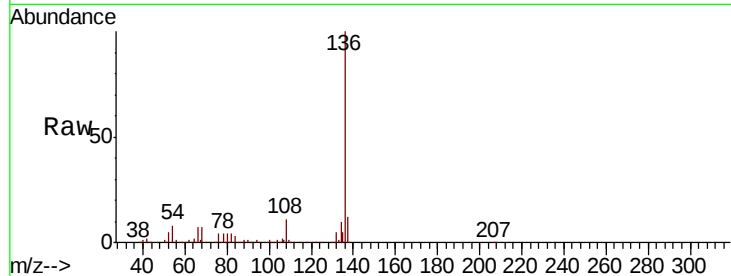
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.6	9.2	13.8		
54	8.0	6.2	9.4		
68	7.2	5.8	8.8		

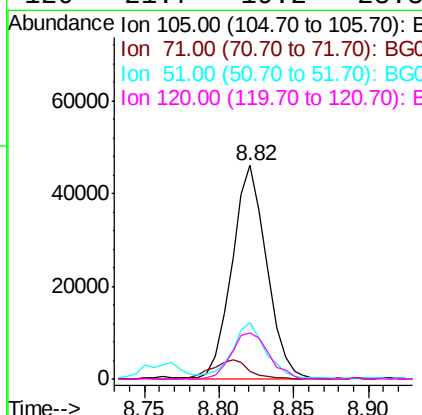
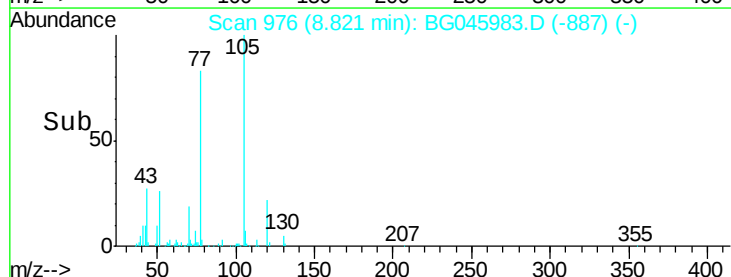
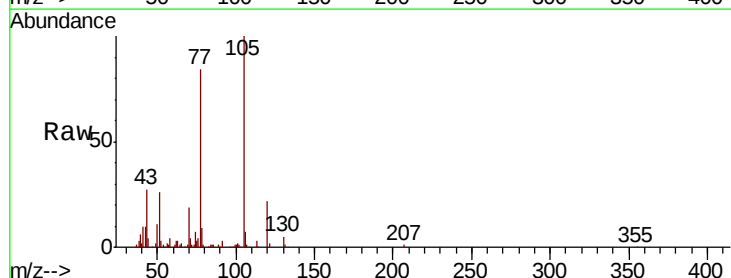
Manual Integrations
APPROVED

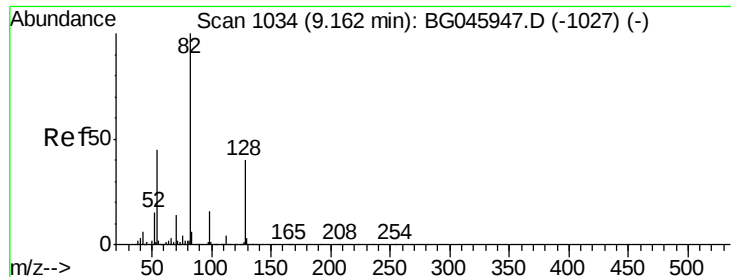
mohammad
7/10/2020 11:45:44 AM



#22
Acetophenone
Concen: 4.732 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	3.7	6.2	9.2#		
51	26.4	19.7	29.5		
120	21.7	19.2	28.8		





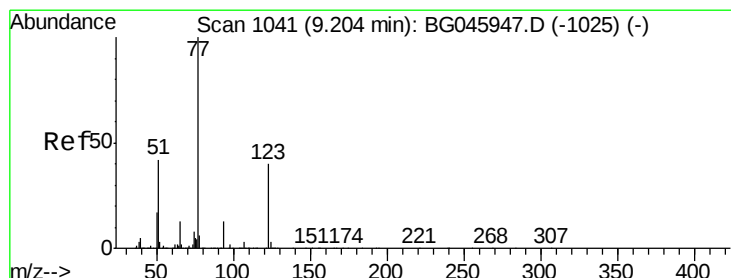
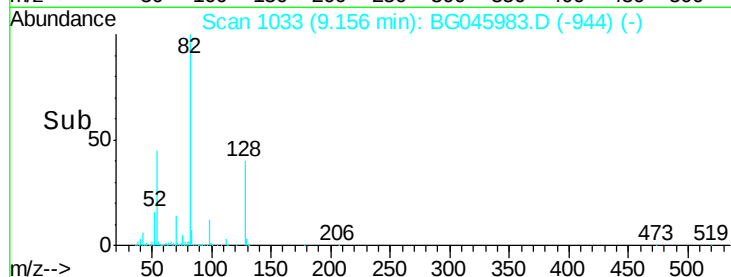
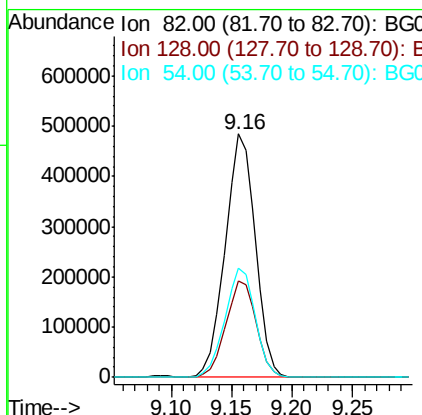
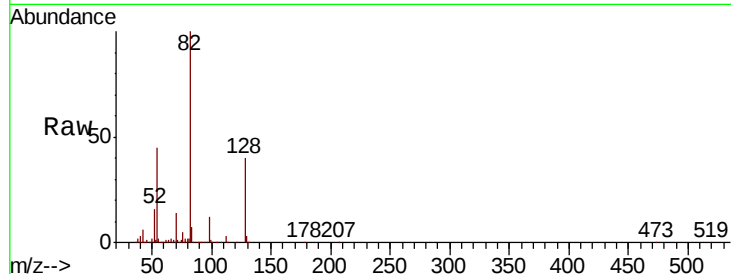
#23
Nitrobenzene-d5
Concen: 81.676 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	82	Resp	837680
Ion Ratio	100	Lower	Upper
82	100		
128	39.9	32.2	48.4
54	45.0	35.8	53.6

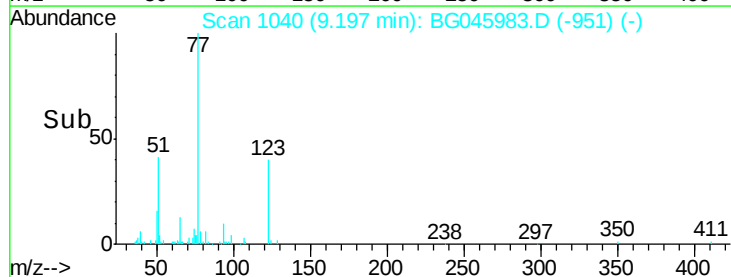
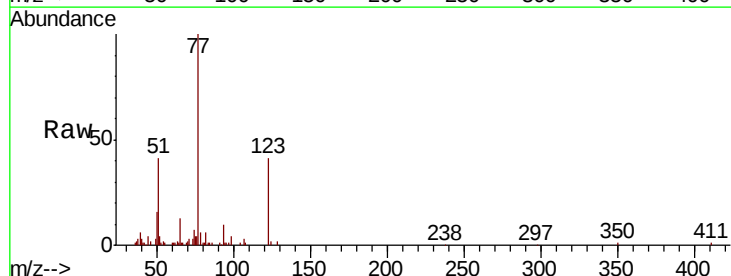
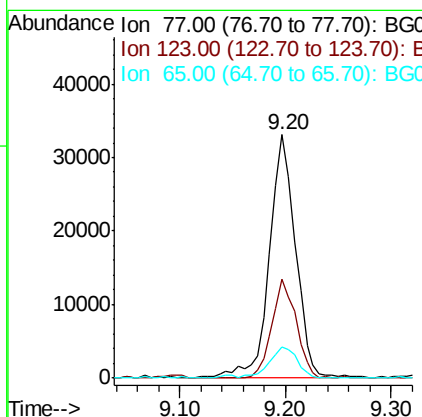
Manual Integrations
APPROVED

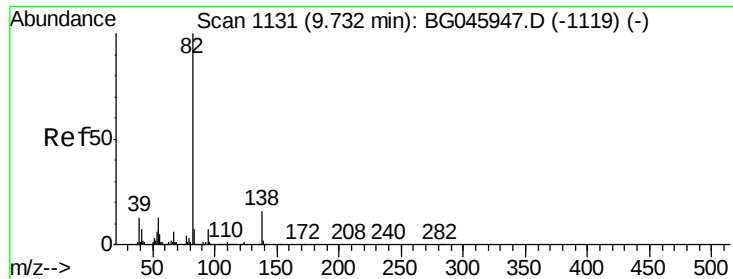
mohammad
7/10/2020 11:45:44 AM



#24
Nitrobenzene
Concen: 4.989 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	77	Resp	56474
Ion Ratio	100	Lower	Upper
77	100		
123	40.9	32.7	49.1
65	13.0	10.2	15.4





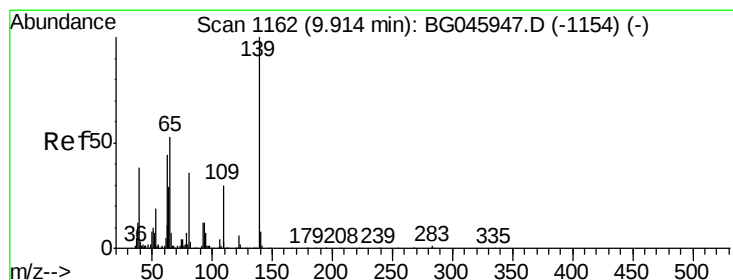
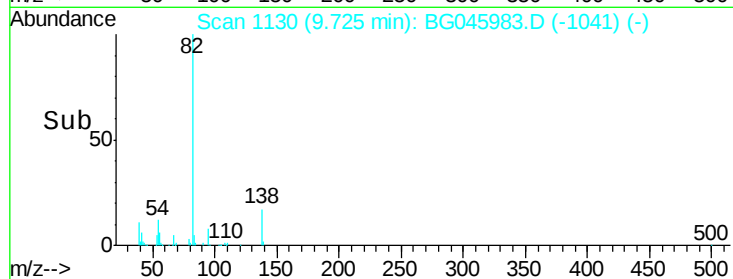
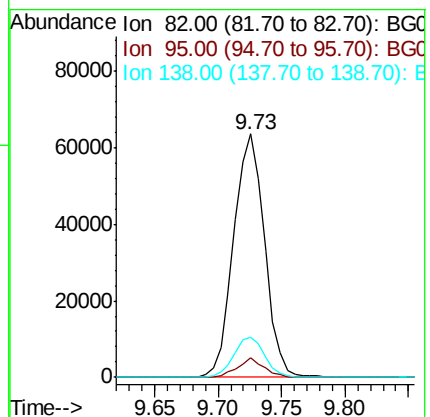
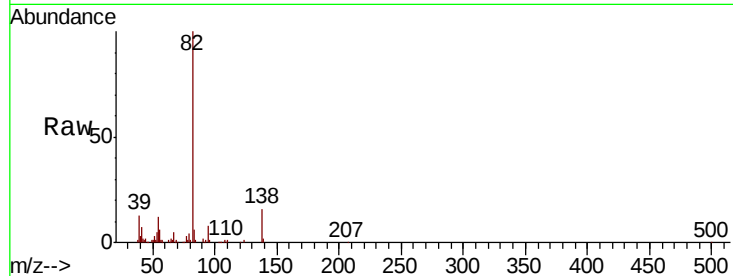
#25
Isophorone
Concen: 4.281 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.2	5.8	8.6	
138	16.3	12.9	19.3	

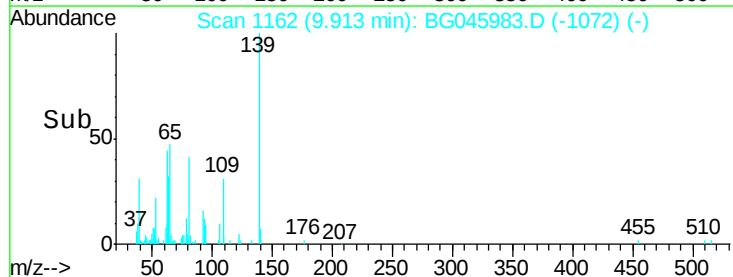
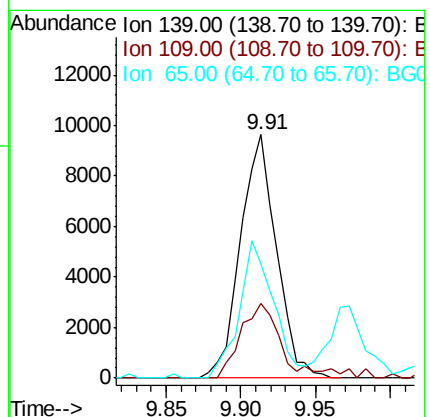
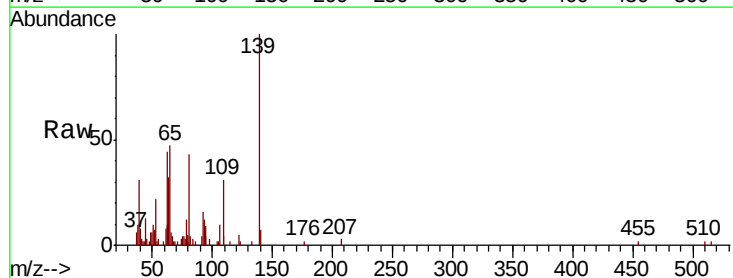
Manual Integrations
APPROVED

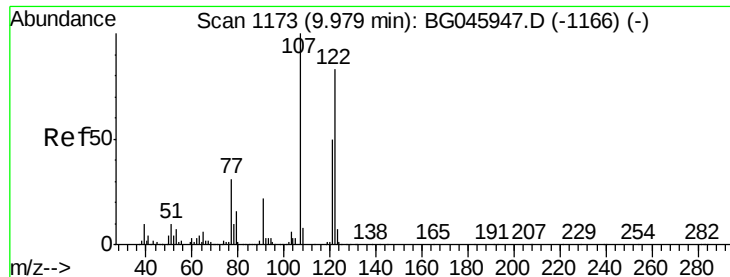
mohammad
7/10/2020 11:45:44 AM



#26
2-Nitrophenol
Concen: 4.377 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.7	24.6	37.0	
65	47.1	42.6	64.0	





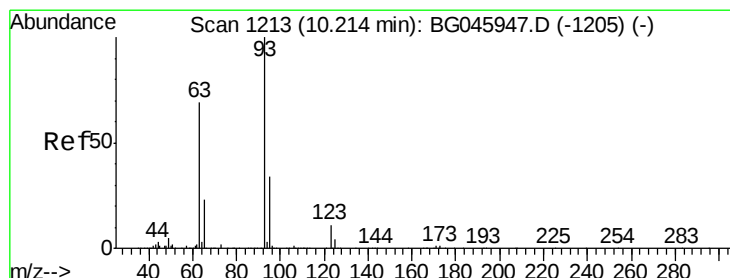
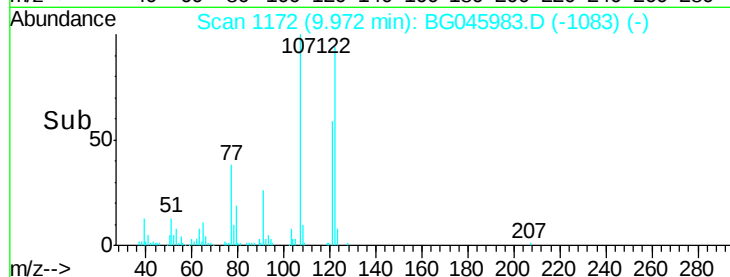
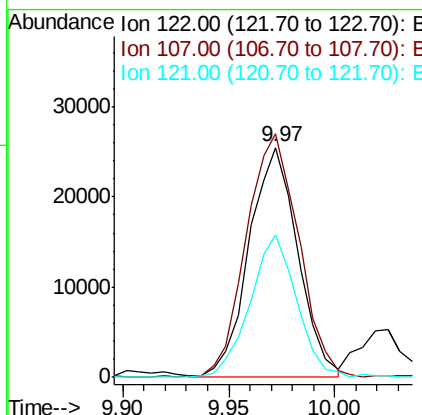
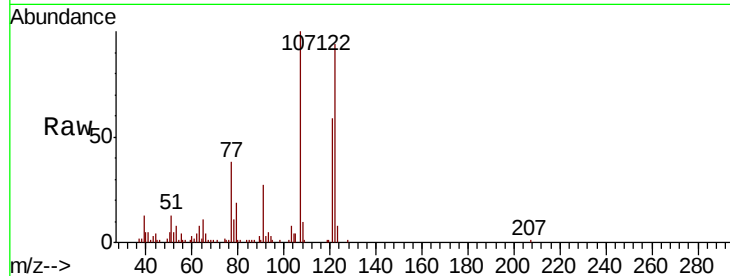
#27
2,4-Dimethylphenol
Concen: 4.589 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.0	95.6	143.4
121	62.1	47.7	71.5

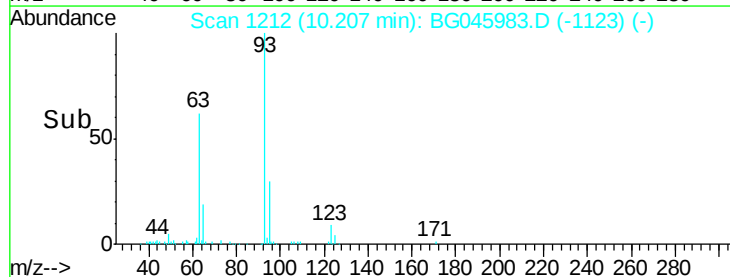
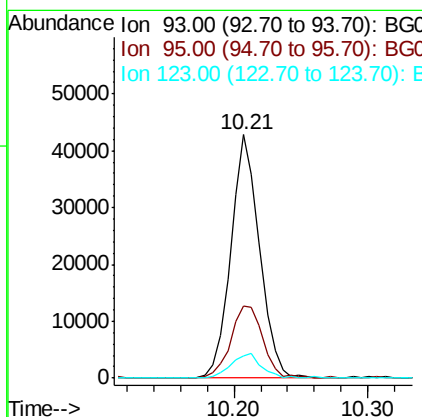
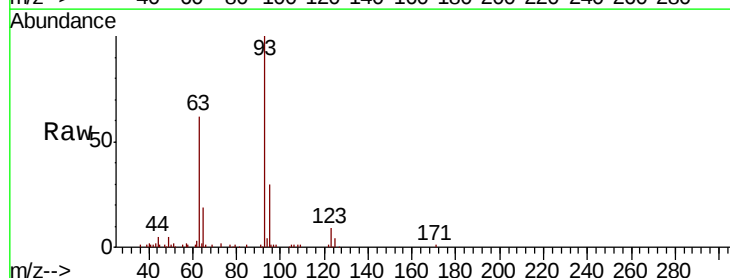
Manual Integrations
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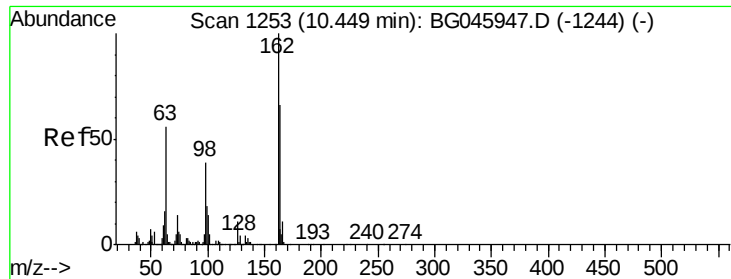
mohammad
7/10/2020 11:45:44 AM



#28
bis(2-Chloroethoxy)methane
Concen: 4.560 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.8	27.5	41.3
123	9.4	9.2	13.8





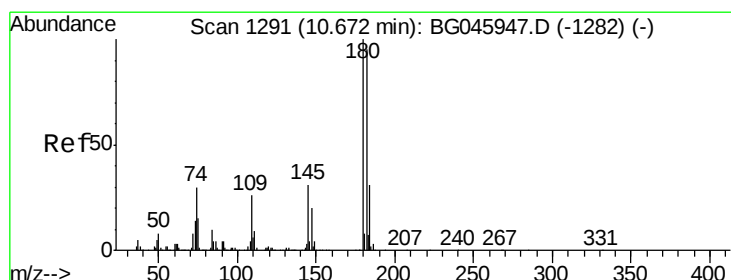
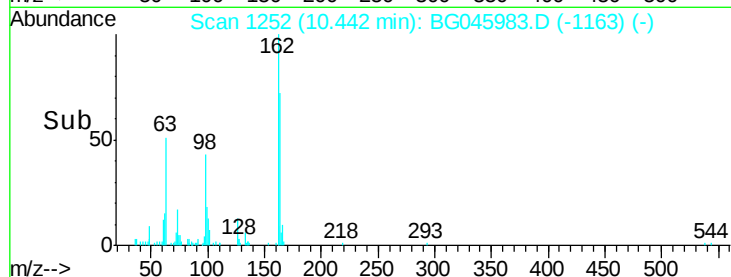
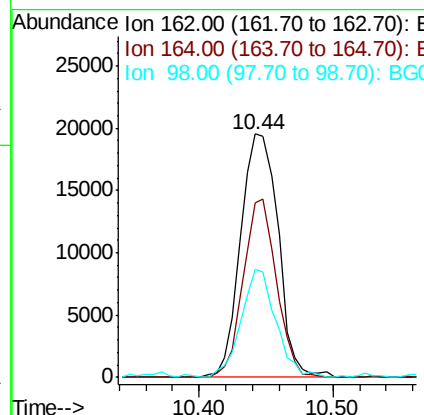
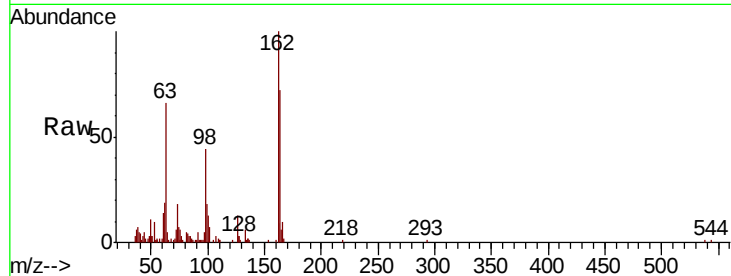
#29
 2,4-Dichlorophenol
 Concen: 4.117 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	71.6	46.0	86.0
98	44.1	19.2	59.2

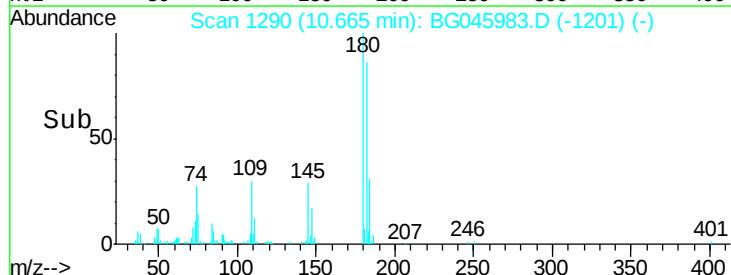
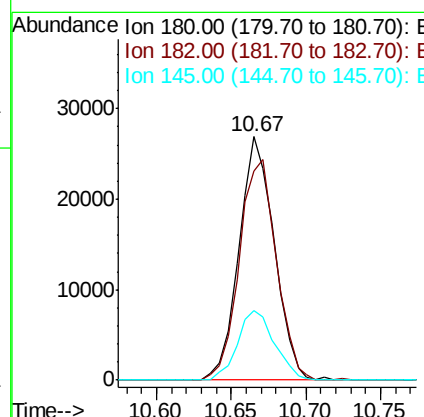
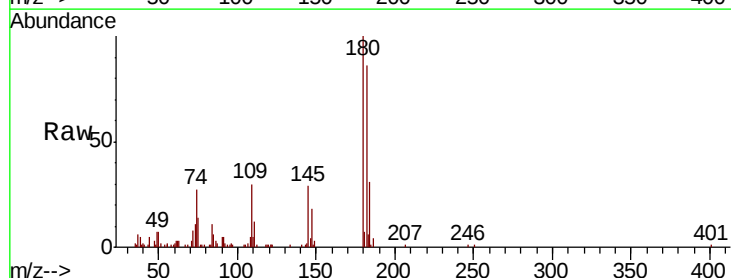
Manual Integrations
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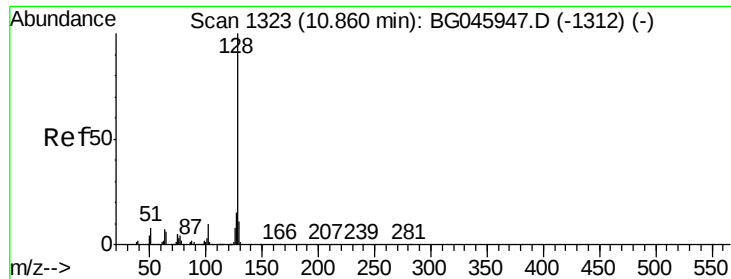
mohammad
 7/10/2020 11:45:44 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 4.316 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.0	76.3	114.5
145	28.6	24.8	37.2





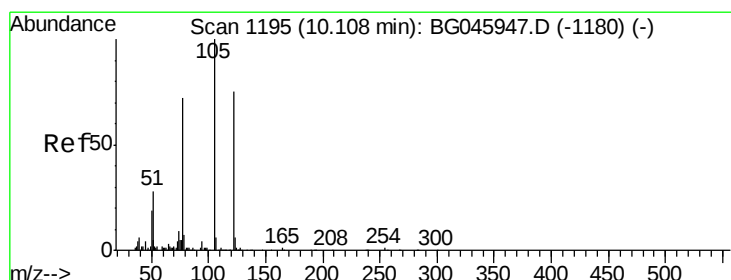
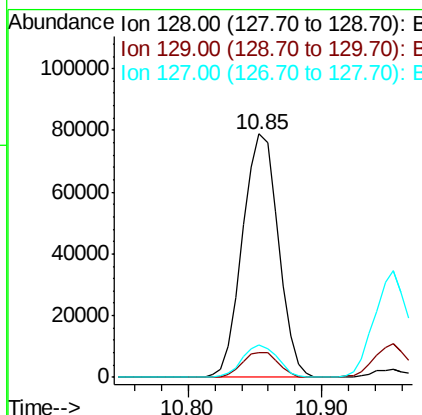
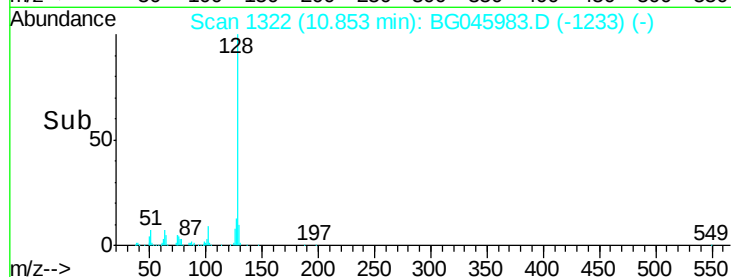
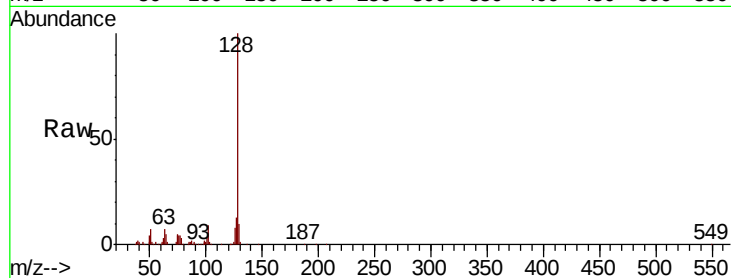
#31
Naphthalene
Concen: 4.616 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.2	13.8
127	13.3	11.8	17.6

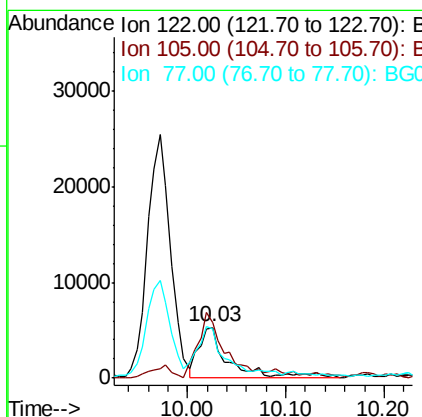
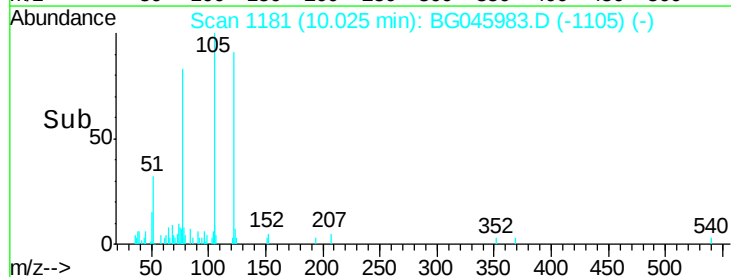
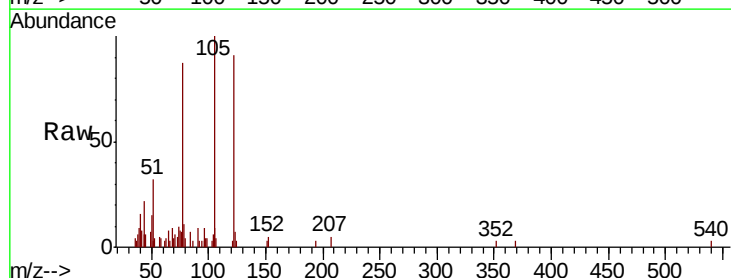
Manual Integrations
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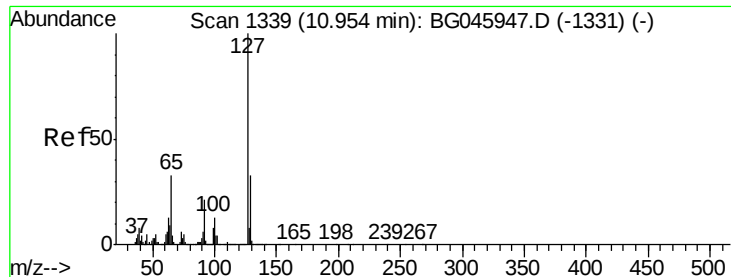
mohammad
7/10/2020 11:45:44 AM



#32
Benzoic acid
Concen: 2.354 ng m
RT: 10.03 min Scan# 1181
Delta R.T. -0.08 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	109.5	110.8	150.8#
77	95.3	76.4	116.4





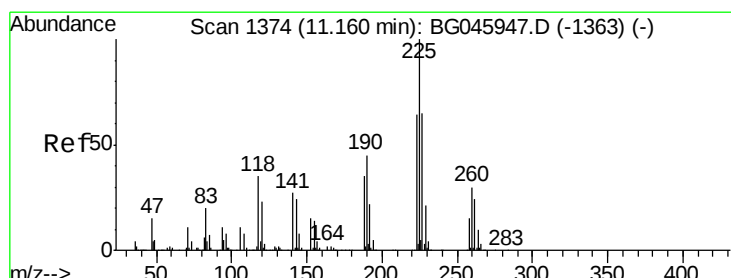
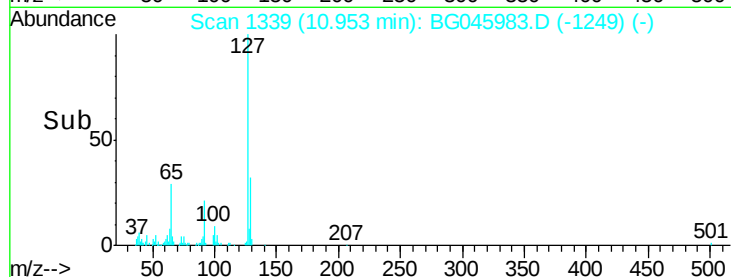
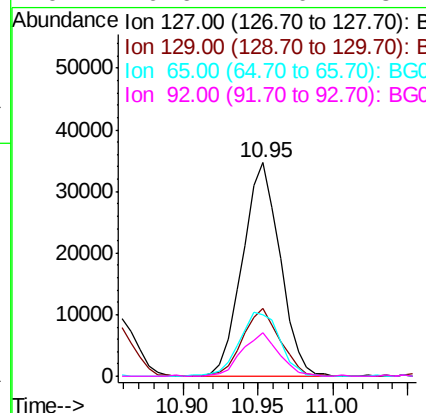
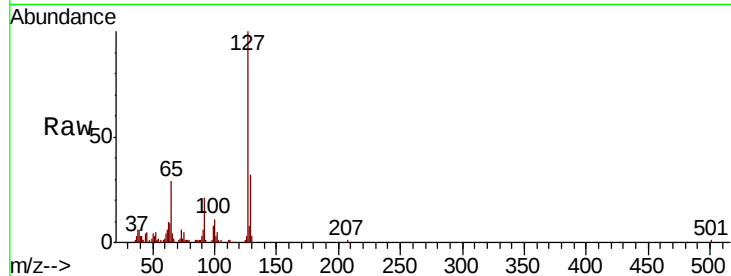
#33
4-Chloroaniline
Concen: 4.266 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.6	39.8		
65	28.7	26.8	40.2		
92	20.6	17.0	25.4		

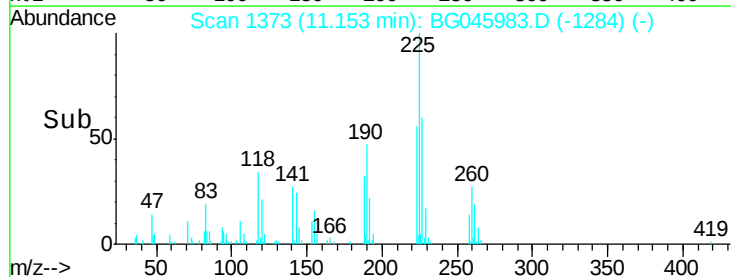
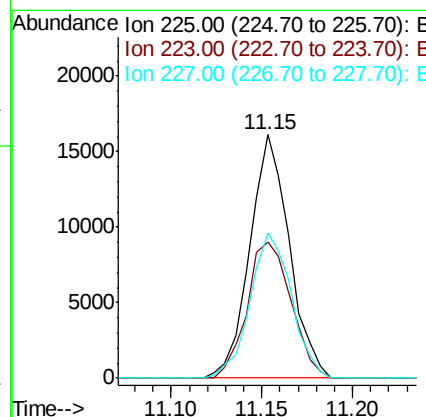
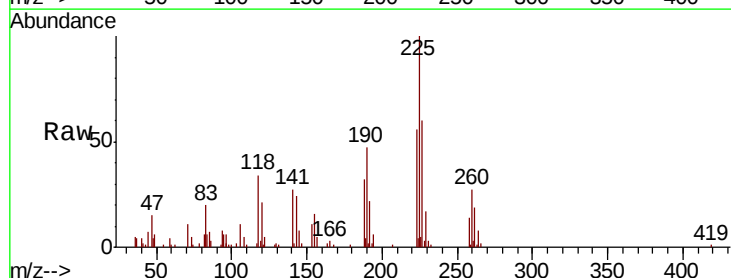
Manual Integrations
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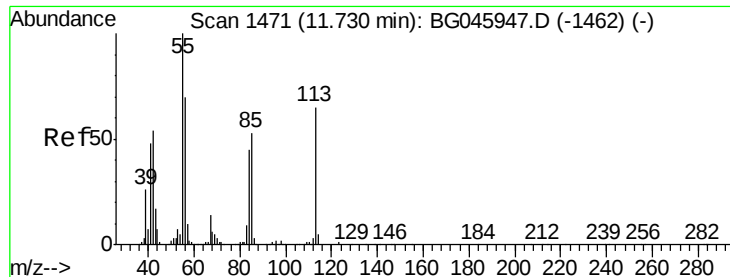
mohammad
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#34
Hexachlorobutadiene
Concen: 4.099 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	55.7	51.2	76.8		
227	59.8	52.3	78.5		





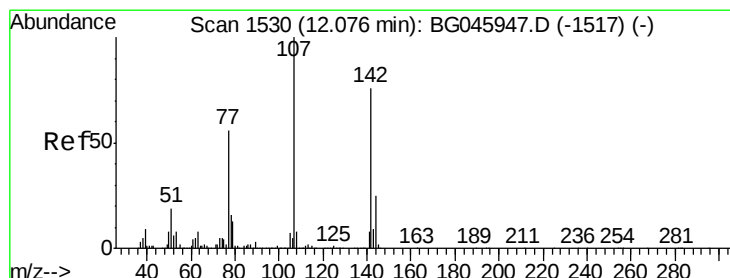
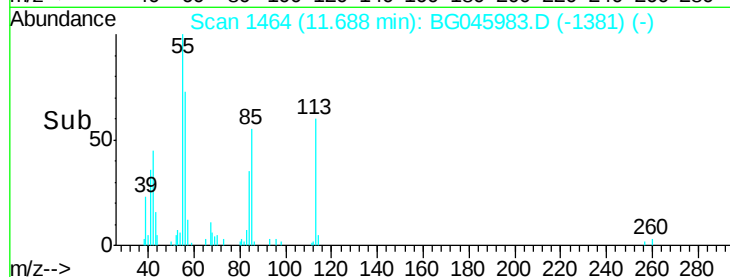
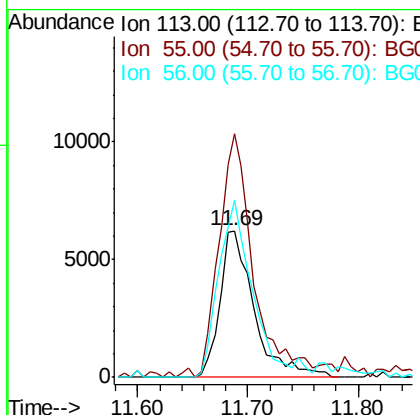
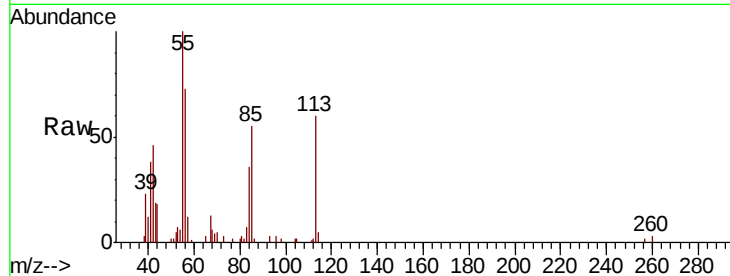
#35
 Caprolactam
 Concen: 3.832 ng
 RT: 11.69 min Scan# 1464
 Delta R.T. -0.04 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.8	141.6	181.6
56	121.0	89.6	129.6

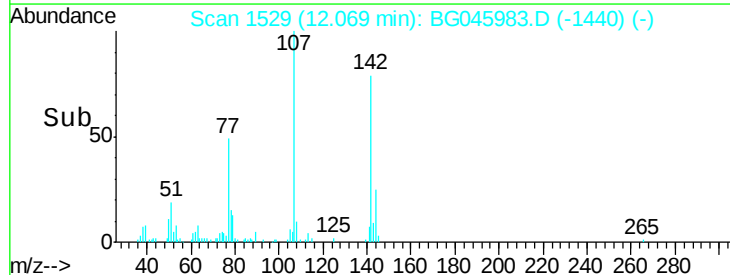
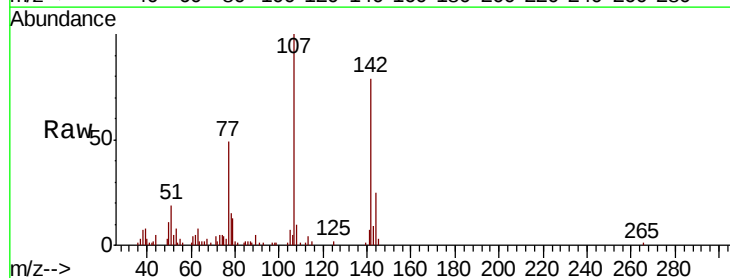
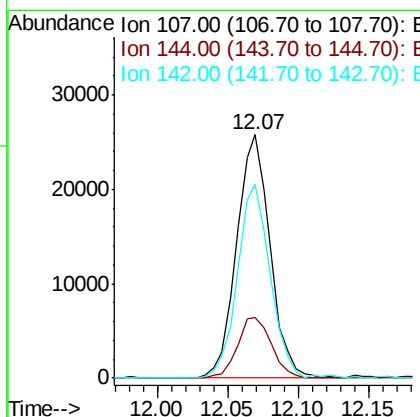
Manual Integrations
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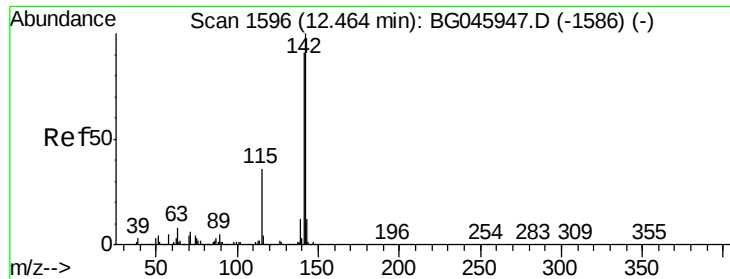
mohammad
 7/10/2020 11:45:44 AM



#36
 4-Chloro-3-methylphenol
 Concen: 4.053 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.0	30.0
142	79.4	61.1	91.7





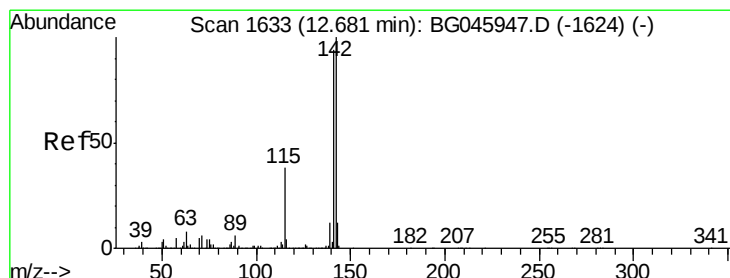
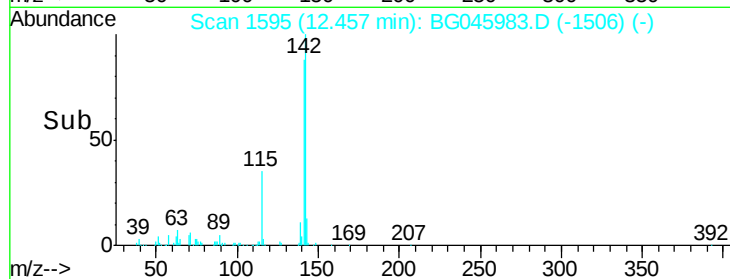
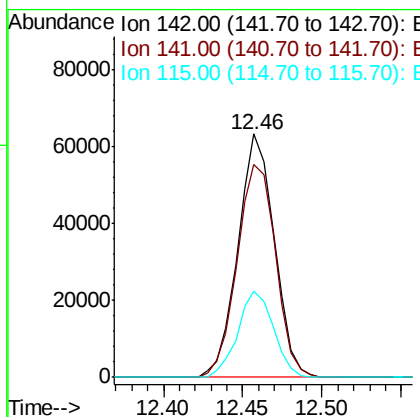
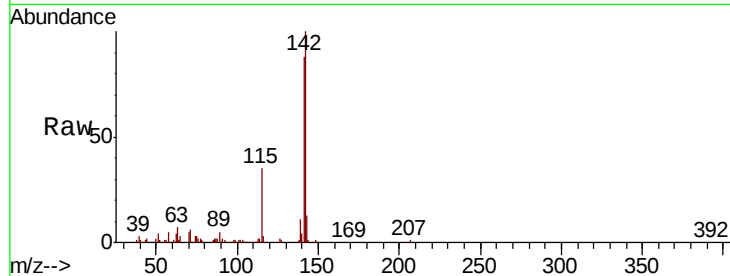
#37
2-Methylnaphthalene
Concen: 4.479 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
142	100	100770		
141	87.6		73.0	109.6
115	35.2		28.8	43.2

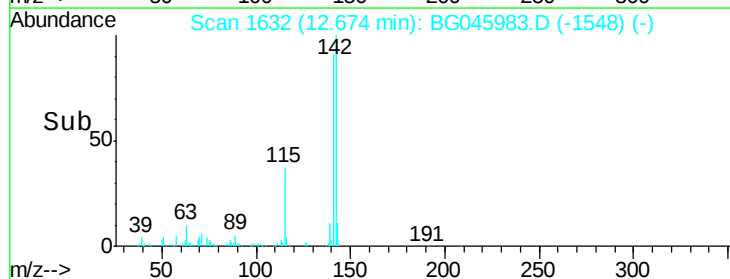
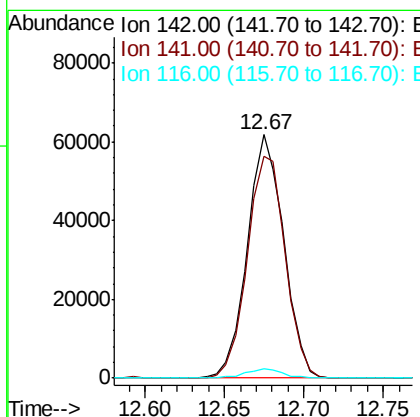
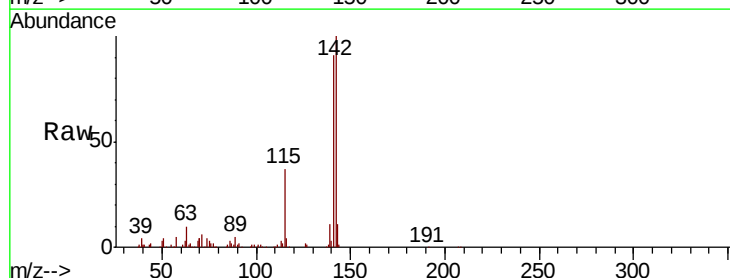
Manual Integrations
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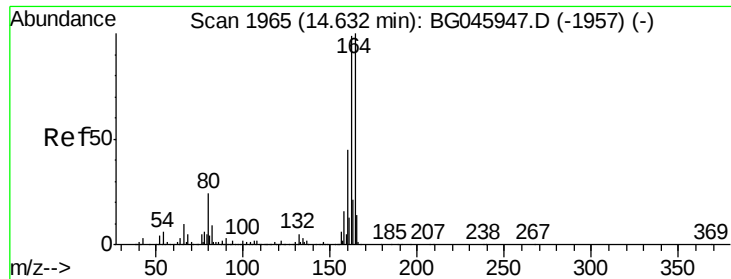
mohammad
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#38
1-Methylnaphthalene
Concen: 4.623 ng
RT: 12.67 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	98145		
141	91.1		75.2	112.8
116	3.8		3.1	4.7





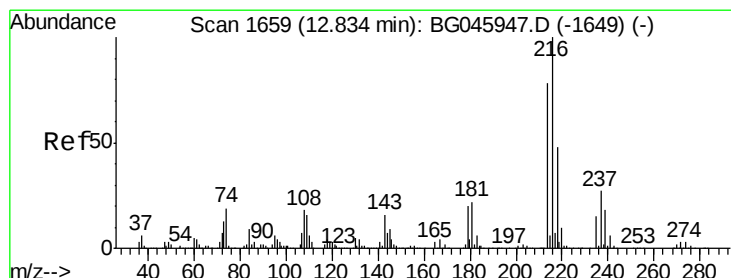
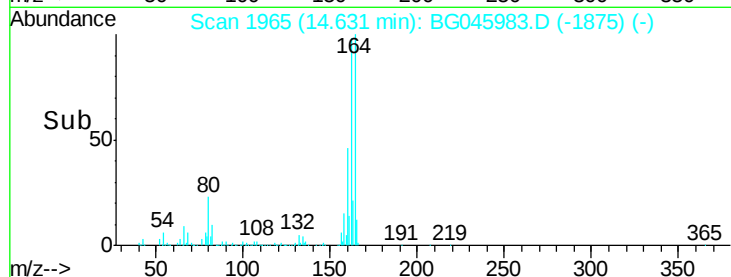
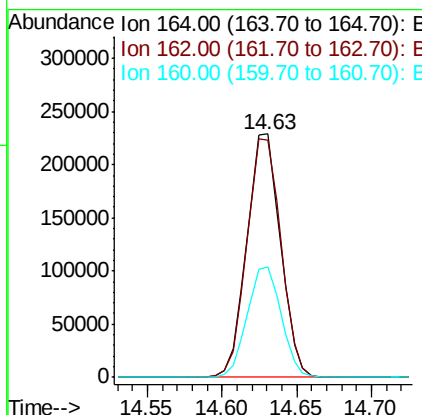
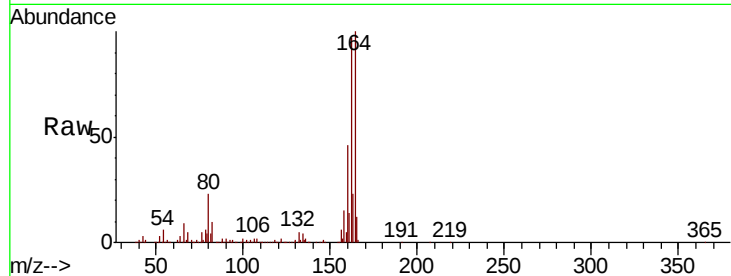
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.3	79.3	118.9
160	45.6	35.7	53.5

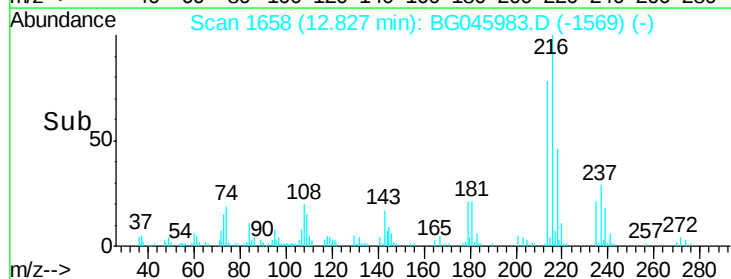
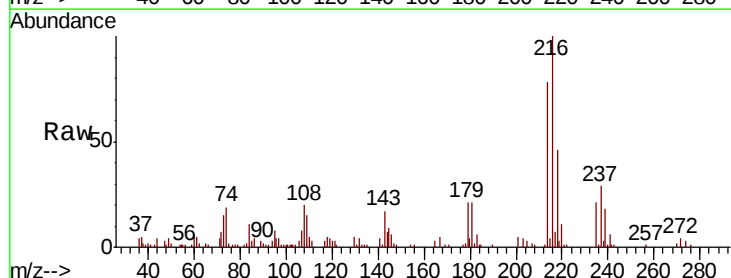
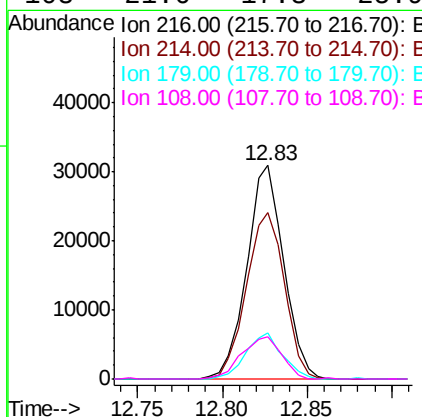
Manual Integrations
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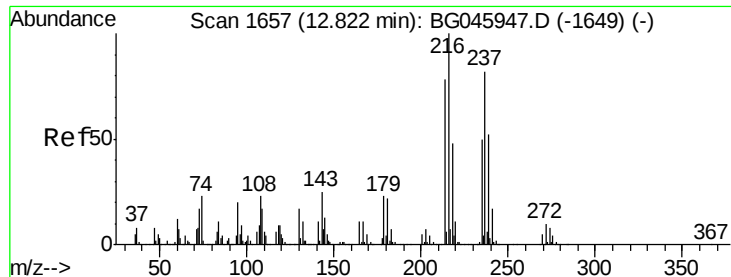
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.655 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.4
179	21.5	17.0	25.6
108	21.6	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 4.216 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

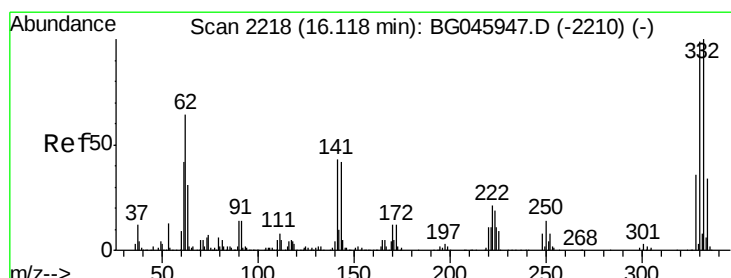
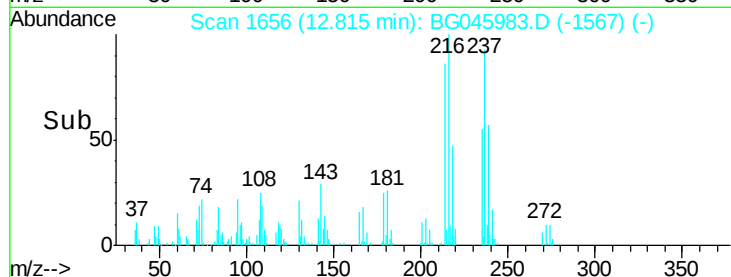
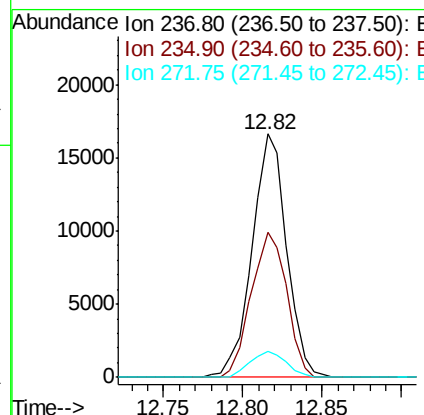
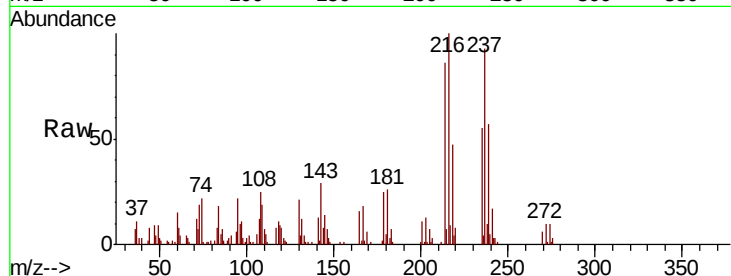
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	237	Resp:	25126
Ion Ratio	Lower	Upper	
237	100		
235	59.4	41.5	81.5
272	11.9	0.0	31.7

Manual Integrations
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7/10/2020 11:45:44 AM



#42

2,4,6-Tribromophenol

Concen: 100.812 ng

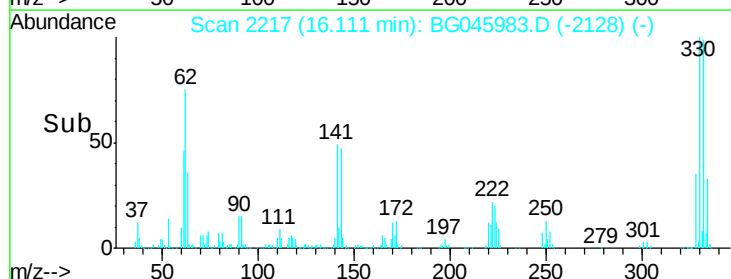
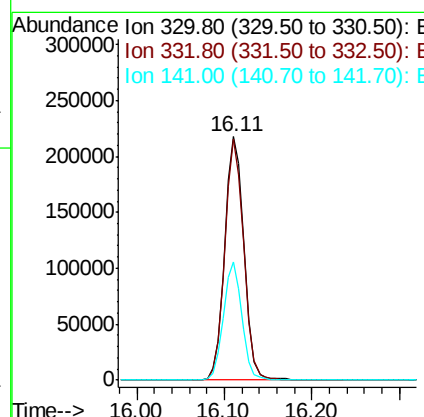
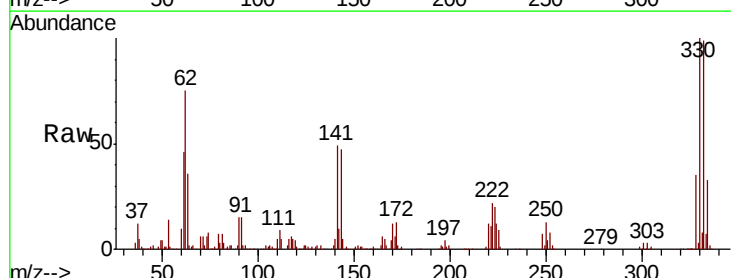
RT: 16.11 min Scan# 2217

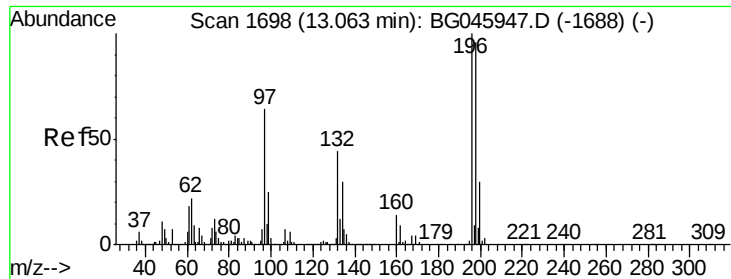
Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Tgt Ion:	330	Resp:	333346
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.3	117.5
141	46.5	36.6	54.8





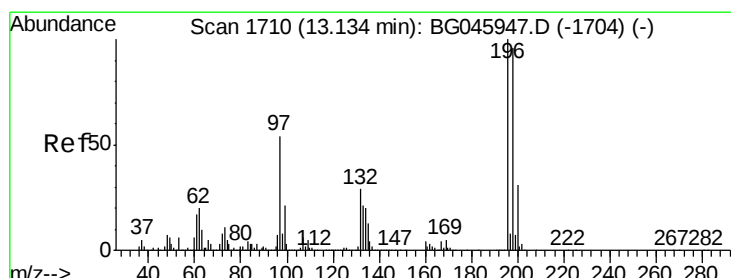
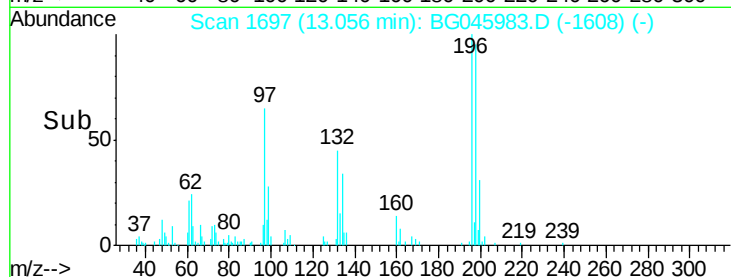
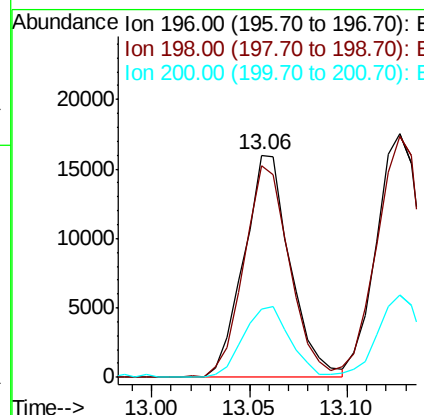
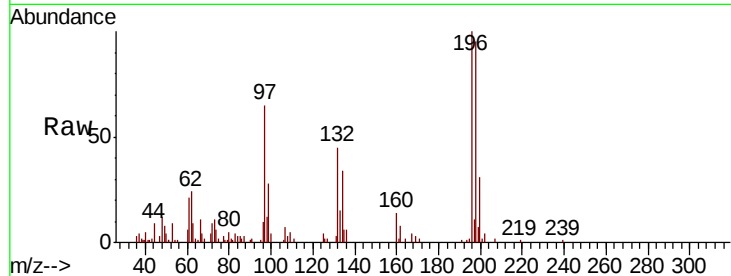
#43
2,4,6-Trichlorophenol
Concen: 3.869 ng
RT: 13.06 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	26276		
198	95.5	76.7	115.1	
200	30.7	24.3	36.5	

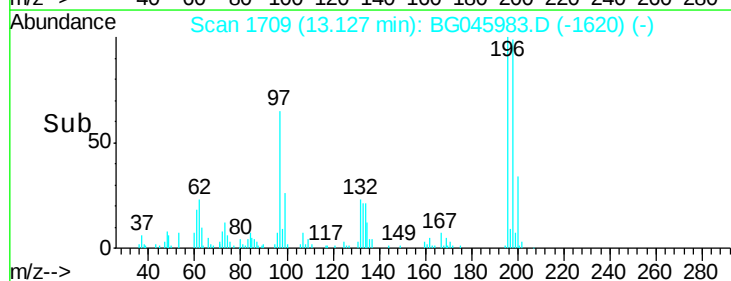
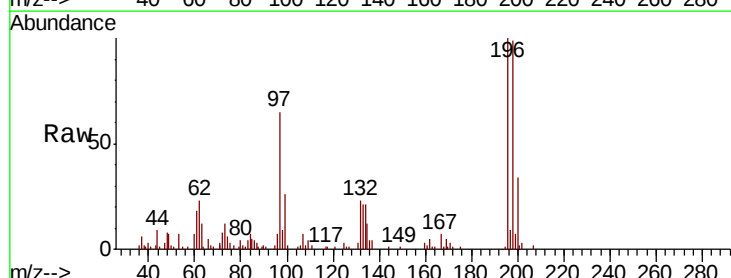
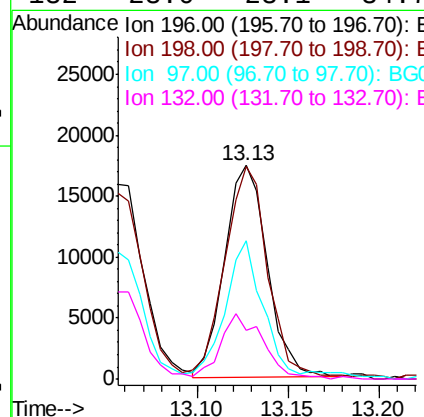
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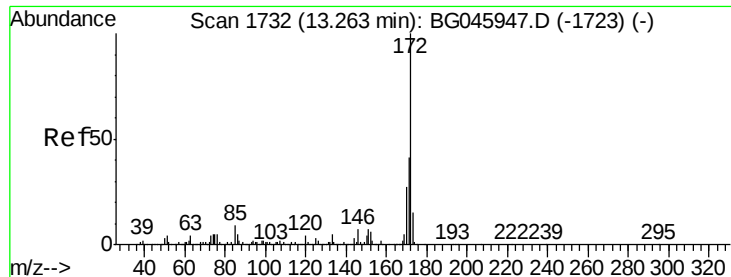
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 3.703 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	28440		
198	99.2	77.0	115.6	
97	64.9	44.3	66.5	
132	23.0	23.1	34.7	#





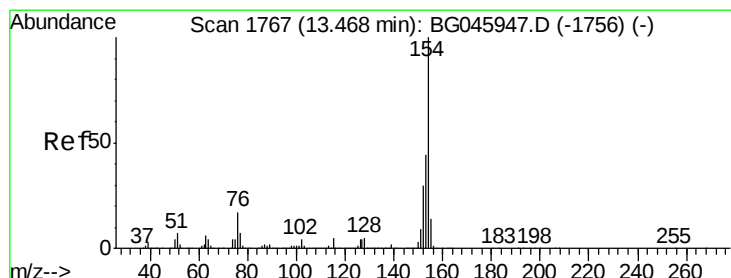
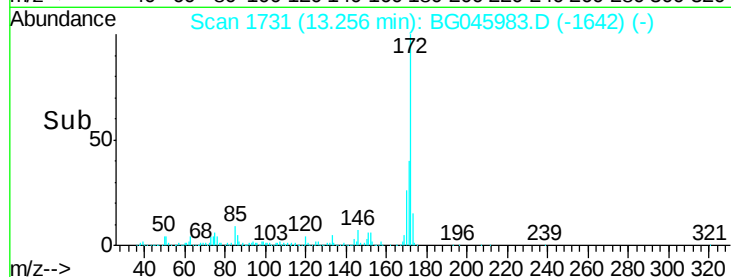
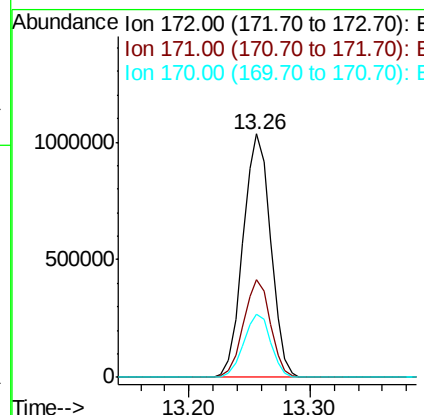
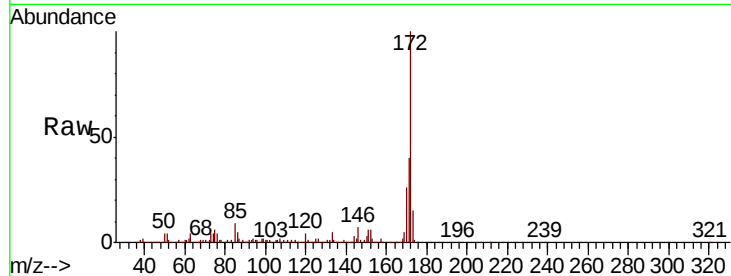
#45
2-Fluorobiphenyl
Concen: 72.213 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.0	32.9	49.3
170	26.2	21.8	32.6

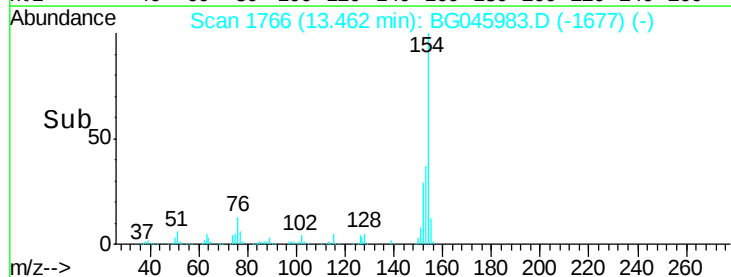
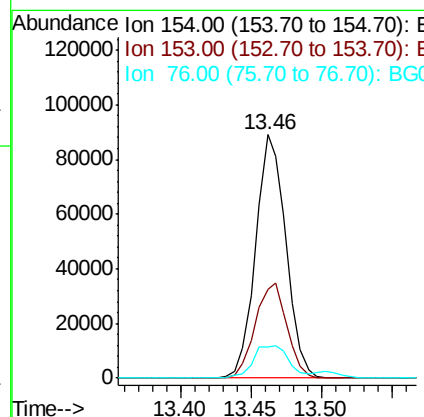
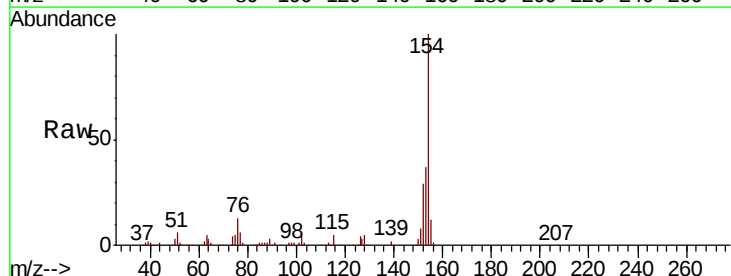
Manual Integrations
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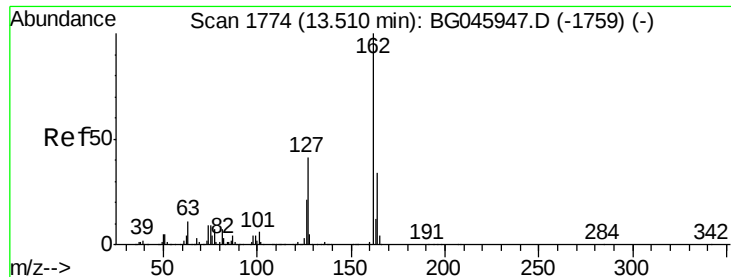
mohammad
7/10/2020 11:45:44 AM



#46
1,1'-Biphenyl
Concen: 4.988 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	36.5	23.6	63.6
76	12.8	0.0	36.9





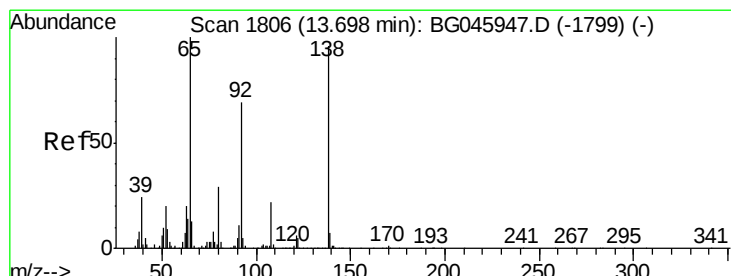
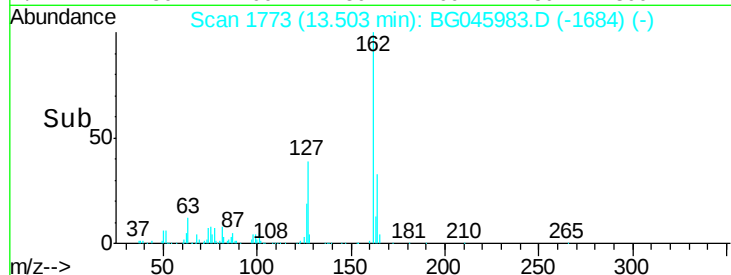
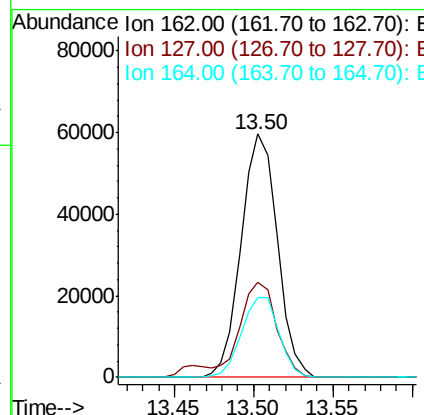
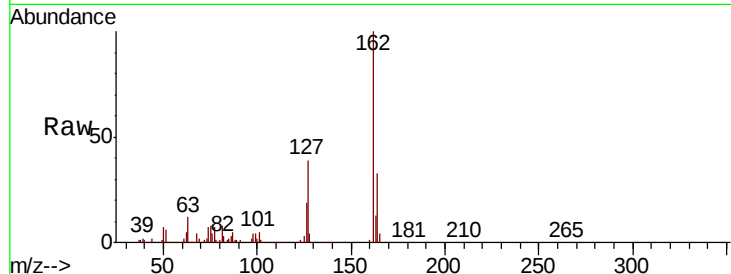
#47
 2-Chloronaphthalene
 Concen: 4.480 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion:	162	Resp:	94728
Ion Ratio	Lower	Upper	
162	100		
127	39.1	32.5	48.7
164	32.5	27.2	40.8

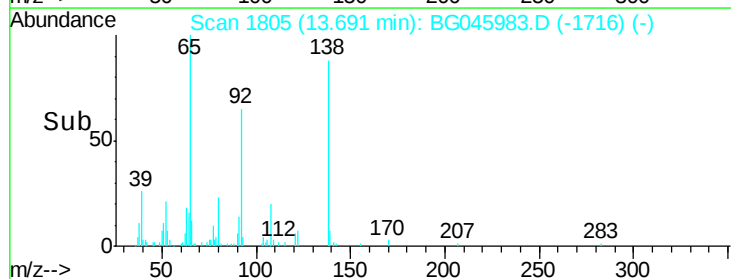
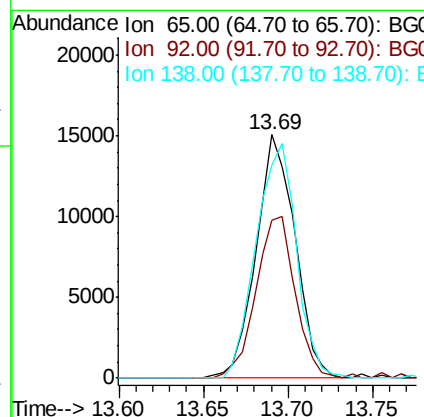
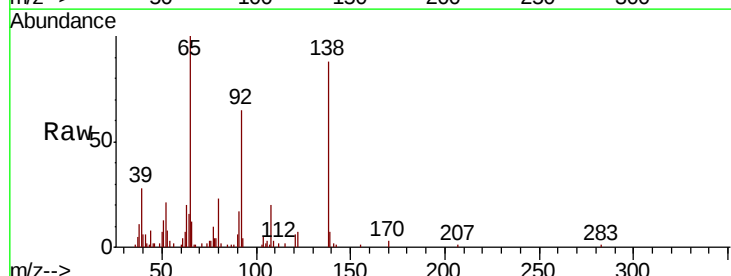
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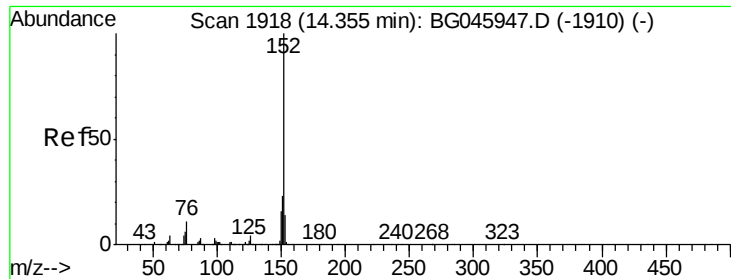
mohammad
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#48
 2-Nitroaniline
 Concen: 4.860 ng
 RT: 13.69 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Tgt Ion:	65	Resp:	24054
Ion Ratio	Lower	Upper	
65	100		
92	64.6	55.4	83.0
138	87.7	77.0	115.4





#49

Acenaphthylene

Concen: 4.607 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

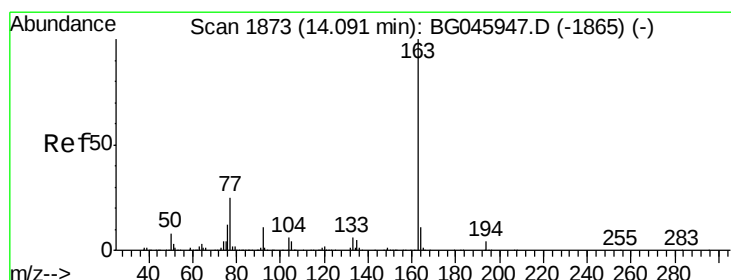
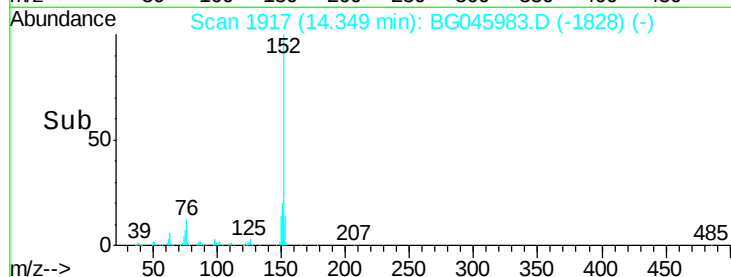
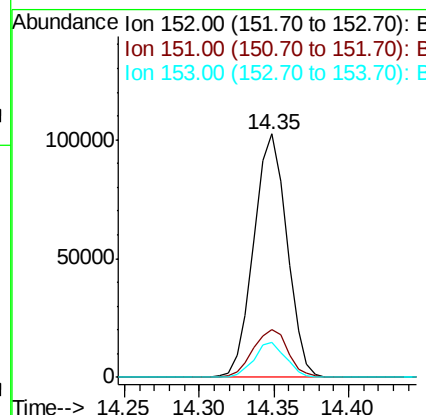
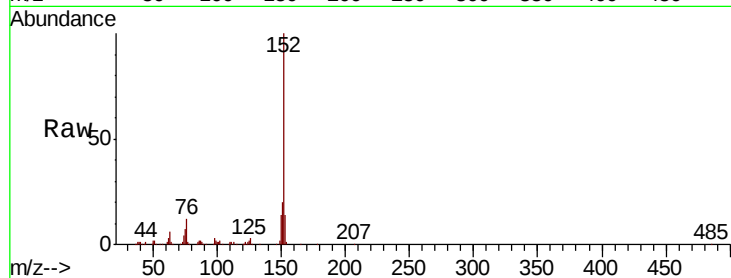
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	152	Resp:	157194
Ion Ratio	Lower	Upper	
152	100		
151	19.6	18.1	27.1
153	14.3	11.5	17.3

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#50

Dimethylphthalate

Concen: 4.265 ng

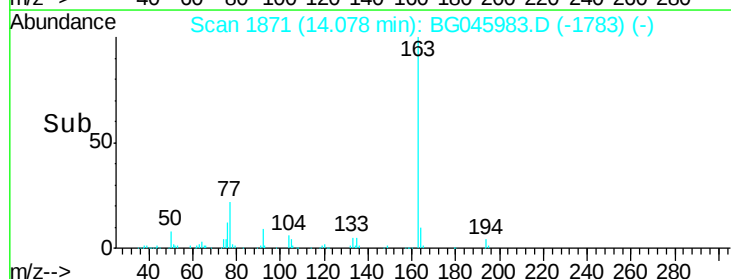
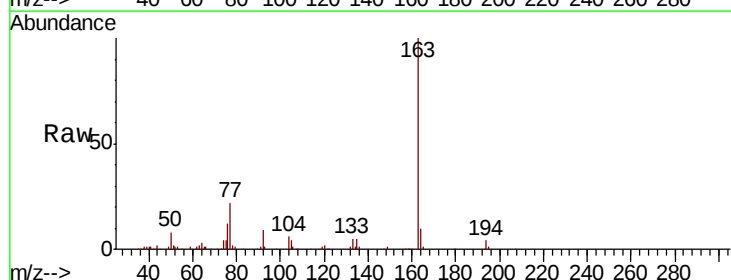
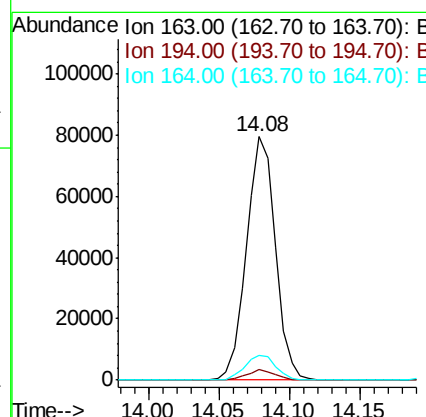
RT: 14.08 min Scan# 1871

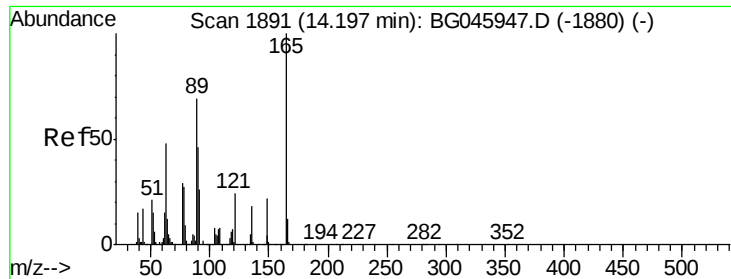
Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Tgt Ion:	163	Resp:	114026
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.2	8.9	13.3





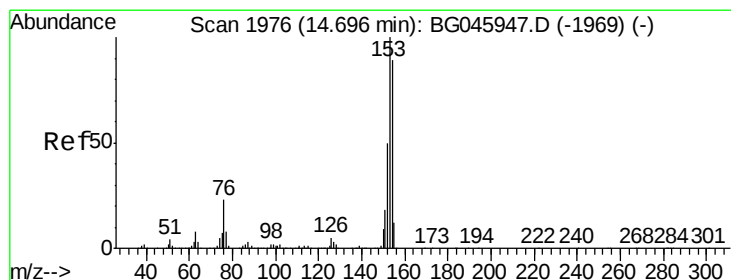
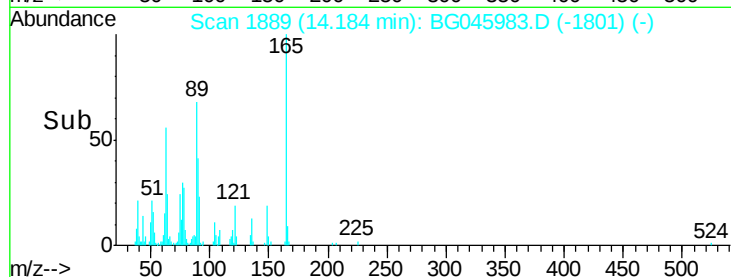
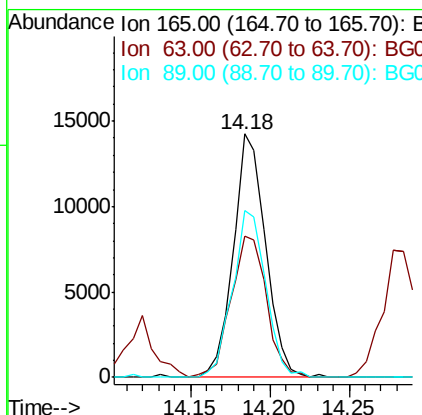
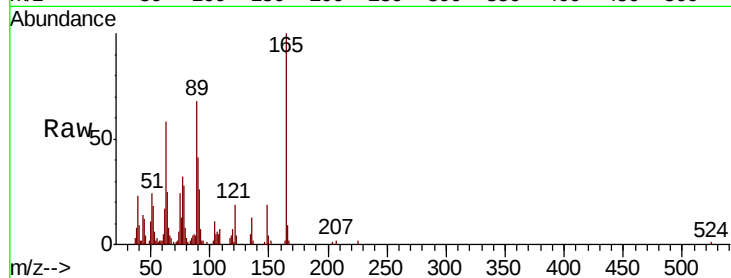
#51
2,6-Dinitrotoluene
Concen: 4.835 ng
RT: 14.18 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.2	51.0	76.4
89	68.3	55.7	83.5

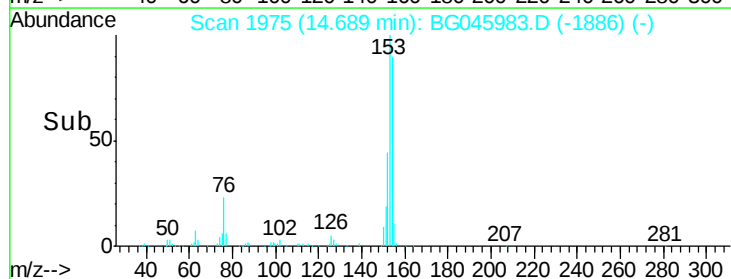
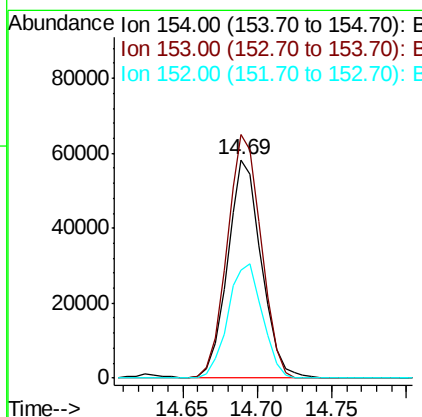
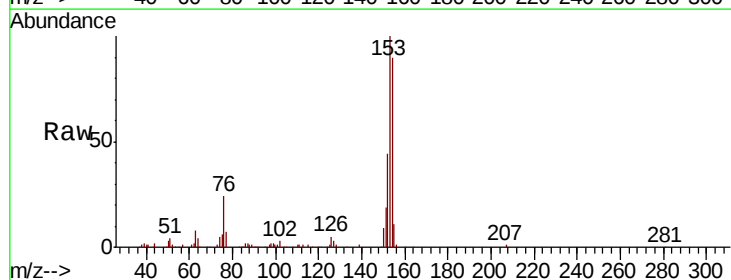
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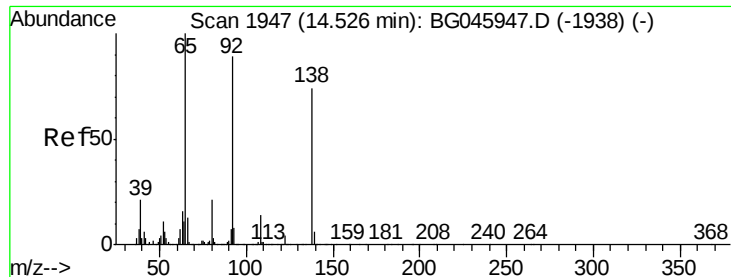
mohammad
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#52
Acenaphthene
Concen: 4.269 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.7	134.5
152	49.3	44.7	67.1





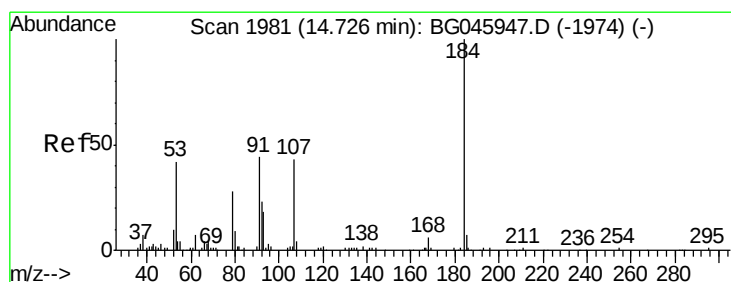
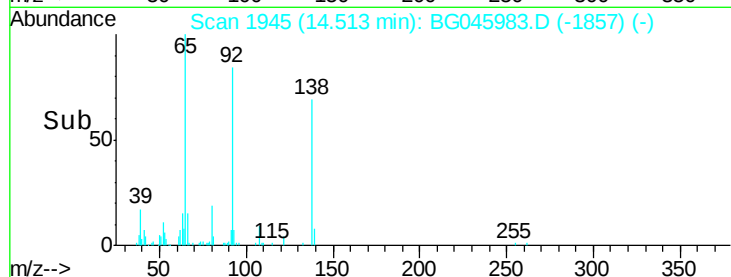
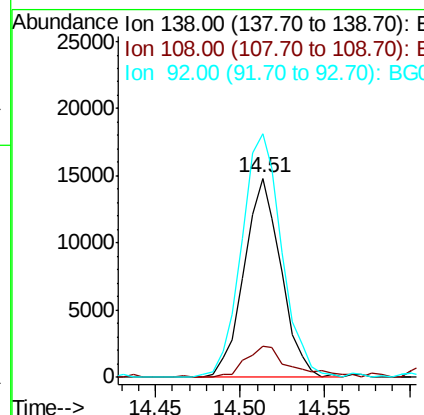
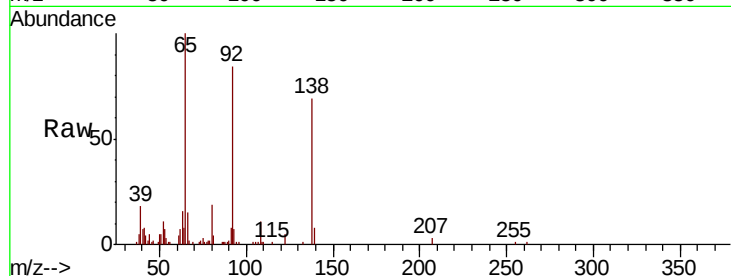
#53
3-Nitroaniline
Concen: 4.371 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.6	15.4	23.2
92	122.3	95.9	143.9

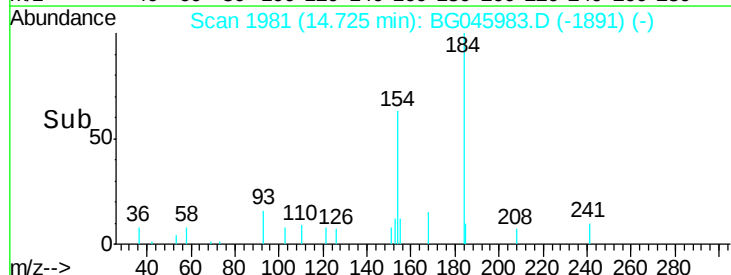
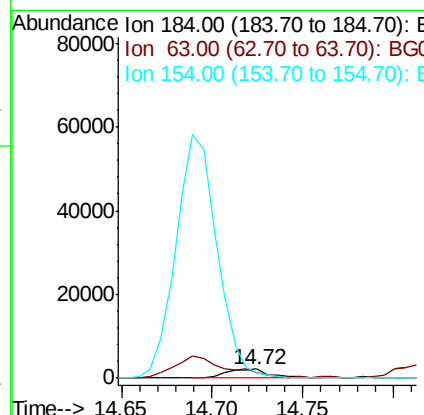
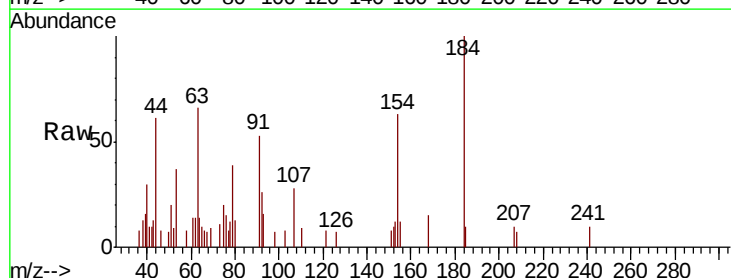
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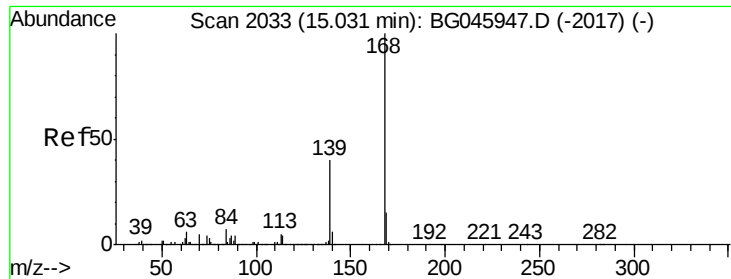
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#54
2,4-Dinitrophenol
Concen: 2.494 ng
RT: 14.72 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.7	46.0	69.0
154	63.0	58.2	87.2





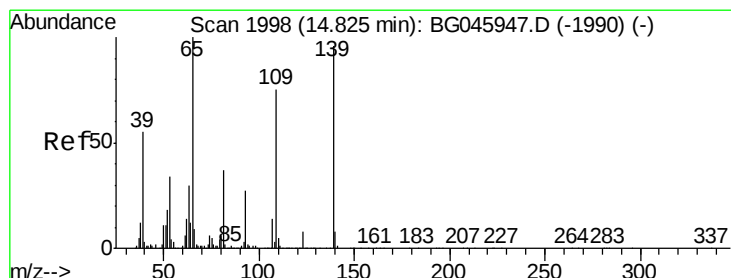
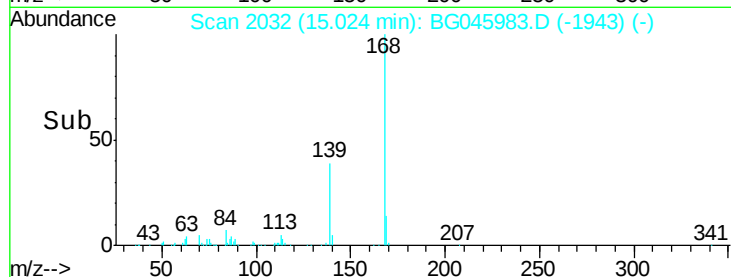
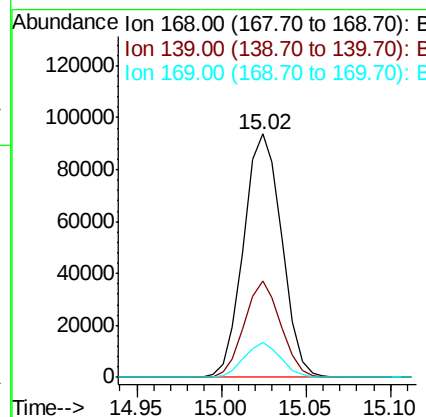
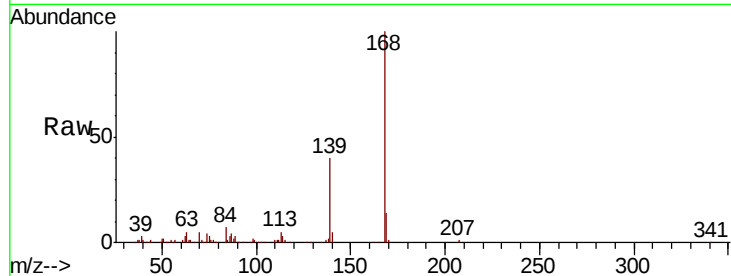
#55
Dibenzofuran
Concen: 4.662 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.2	48.2
169	14.1	11.8	17.8

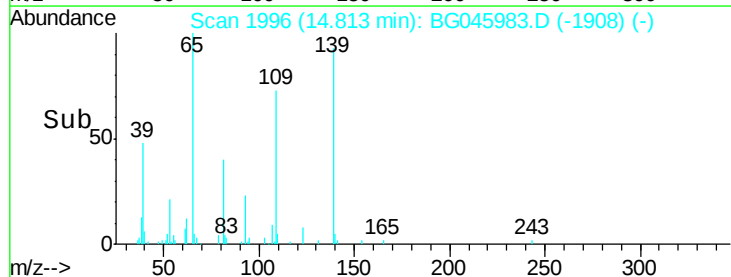
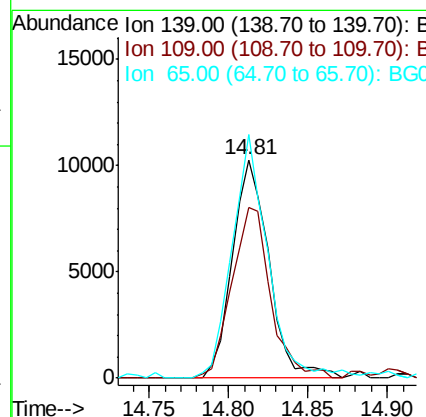
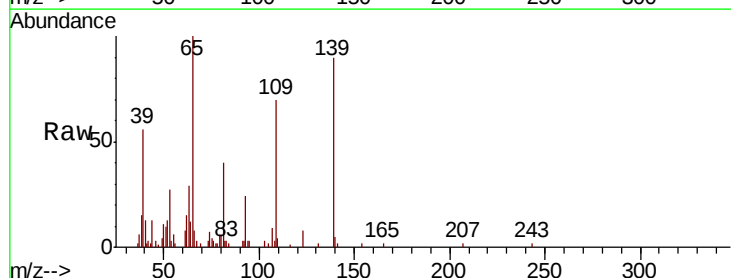
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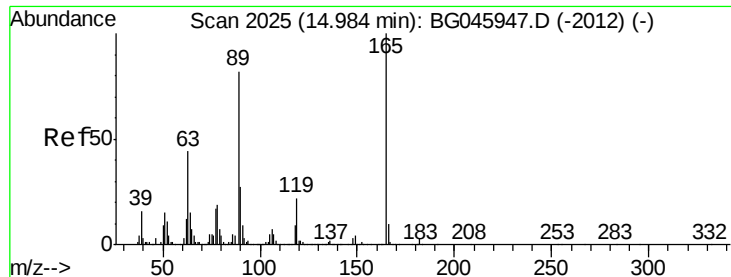
mohammad
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#56
4-Nitrophenol
Concen: 3.776 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.0	58.5	98.5
65	111.5	84.7	124.7





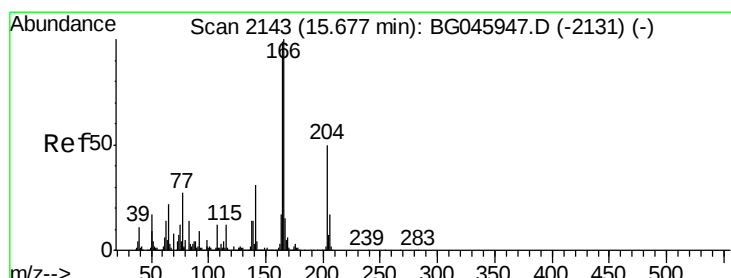
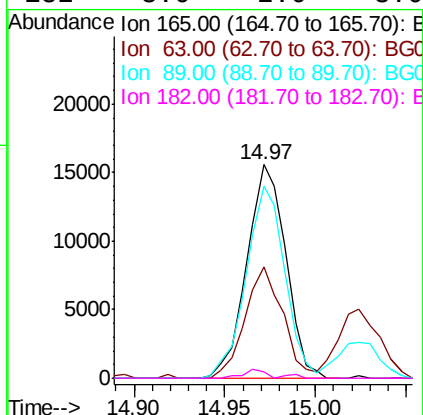
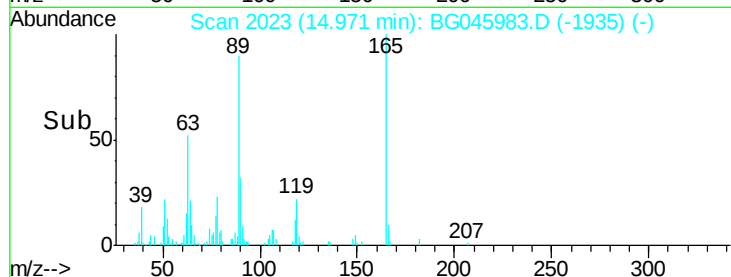
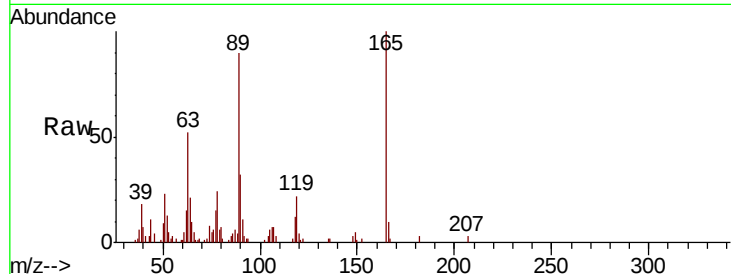
#57
2,4-Dinitrotoluene
Concen: 4.533 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	23237		
63	52.3		35.4	53.0
89	89.8		65.4	98.2
182	3.0		2.0	3.0#

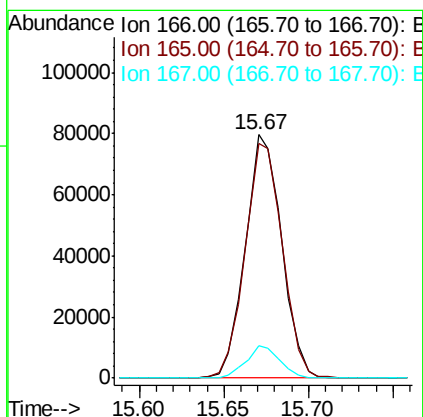
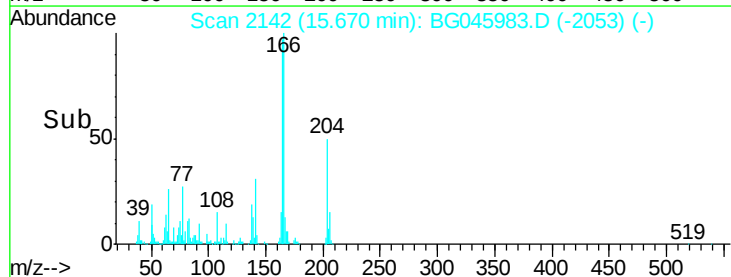
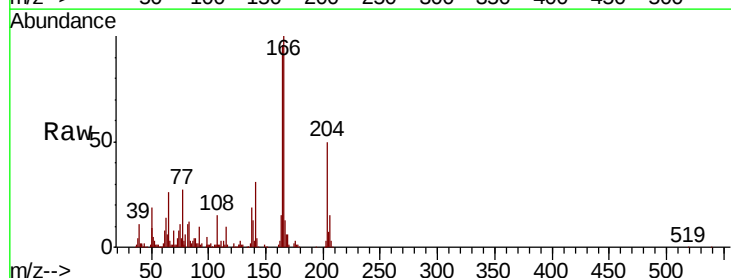
Manual Integrations
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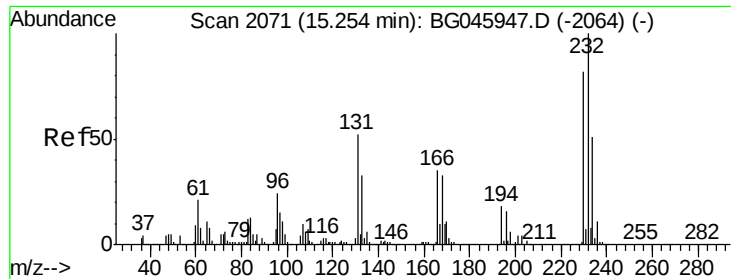
mohammad
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#58
Fluorene
Concen: 4.596 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	118944		
165	96.4		78.9	118.3
167	13.1		12.1	18.1





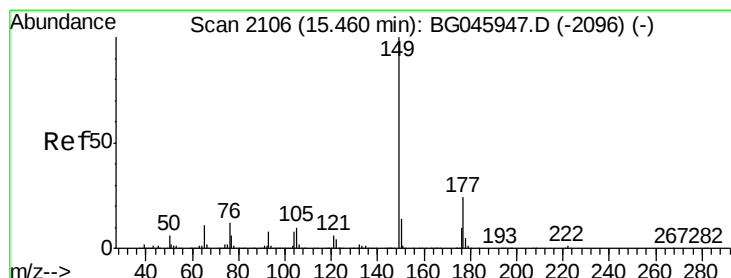
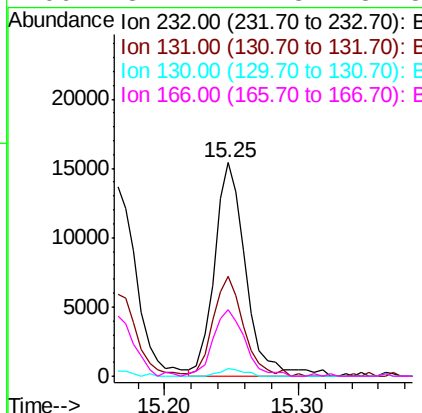
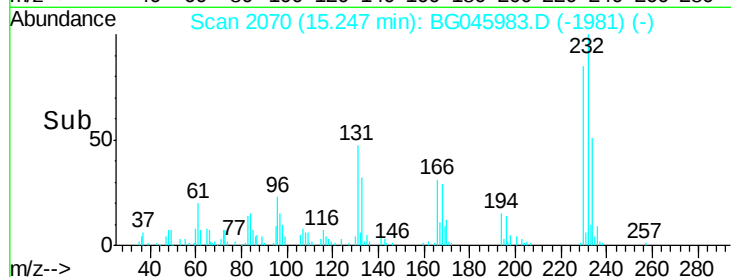
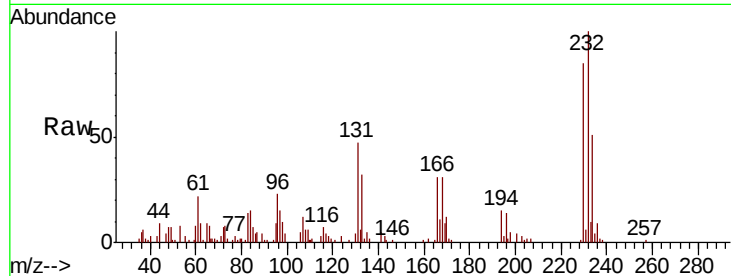
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.291 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion:	232	Resp:	25442
Ion Ratio	Lower	Upper	
232	100		
131	45.8	35.8	53.6
130	3.0	2.5	3.7
166	31.4	21.8	32.8

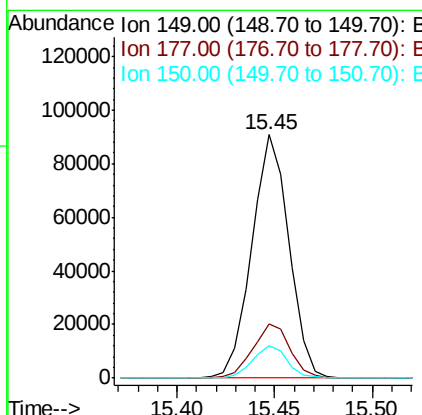
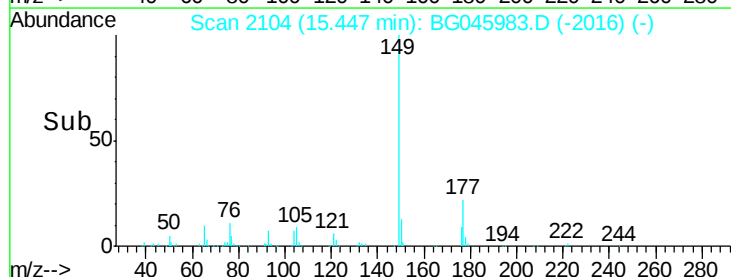
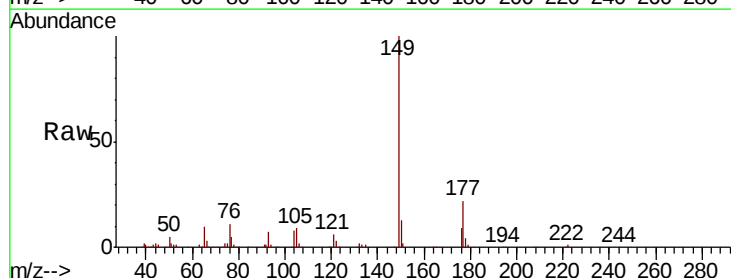
Manual Integrations
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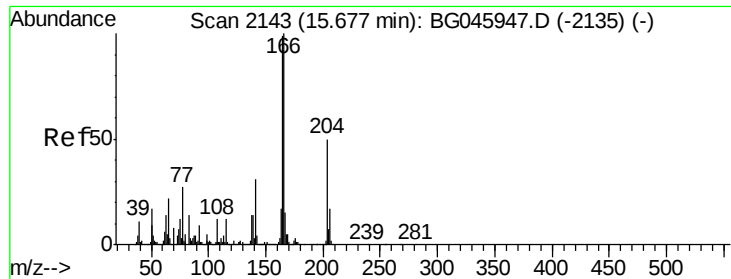
mohammad
 7/10/2020 11:45:44 AM



#60
 Diethylphthalate
 Concen: 4.251 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Tgt Ion:	149	Resp:	119214
Ion Ratio	Lower	Upper	
149	100		
177	22.1	19.0	28.4
150	13.2	11.0	16.4





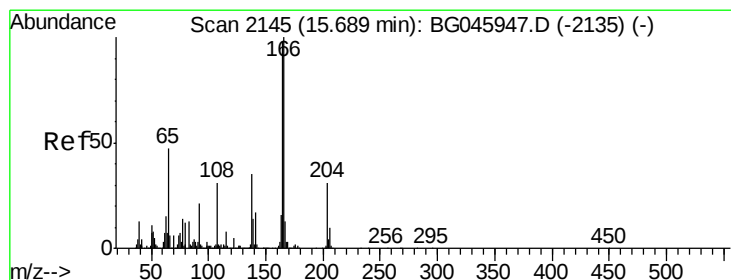
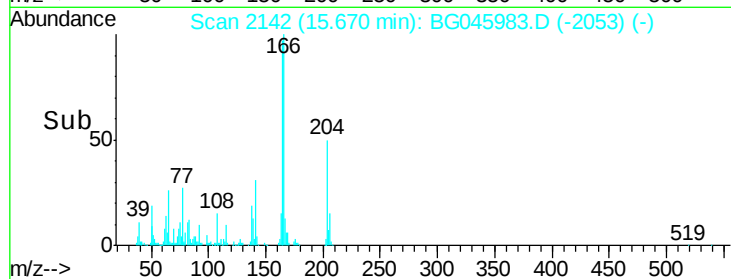
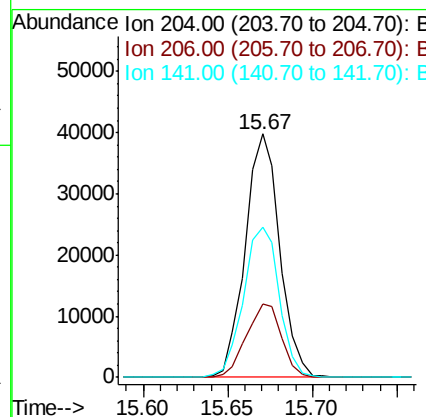
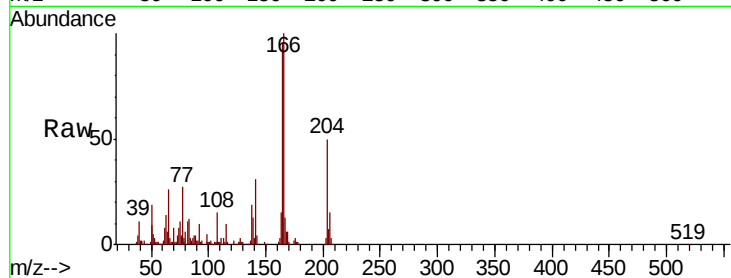
#61
 4-Chlorophenyl-phenylether
 Concen: 4.383 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	29.9	27.1	40.7
141	61.6	49.8	74.8

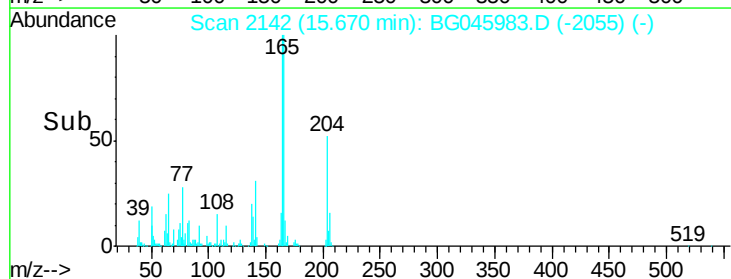
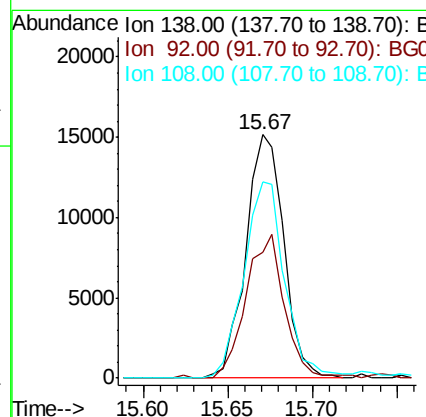
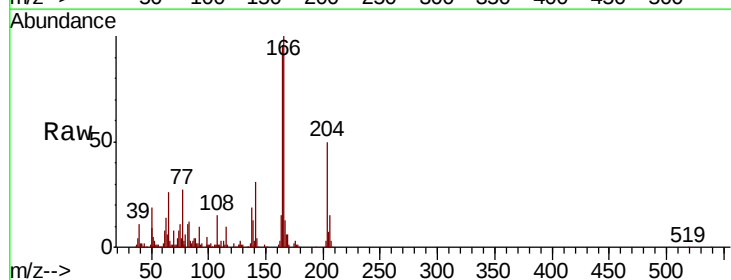
Manual Integrations
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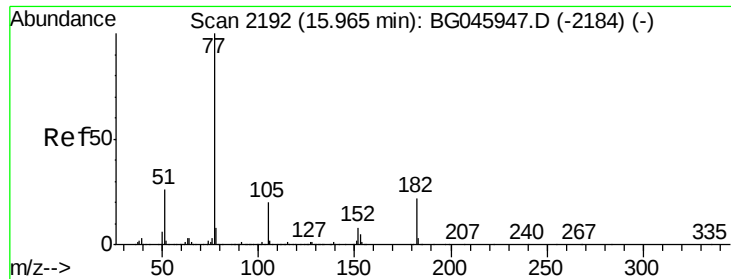
mohammad
 7/10/2020 11:45:44 AM



#62
 4-Nitroaniline
 Concen: 4.284 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.02 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	40.3	80.3
108	80.8	68.0	108.0





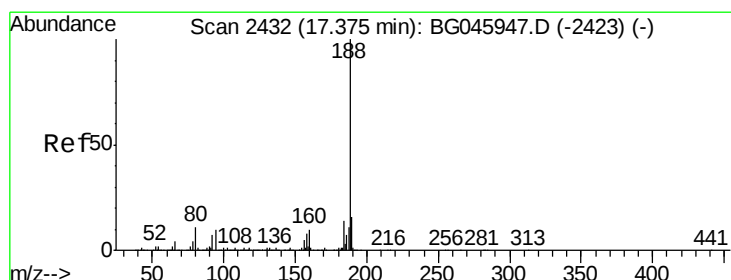
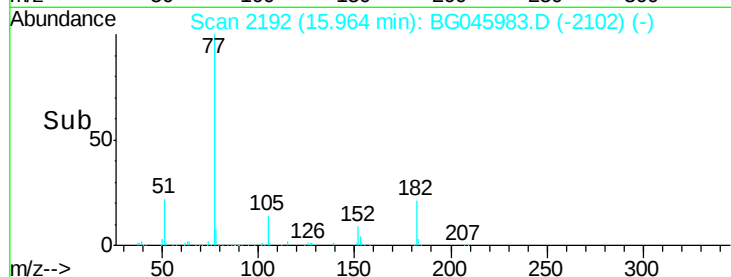
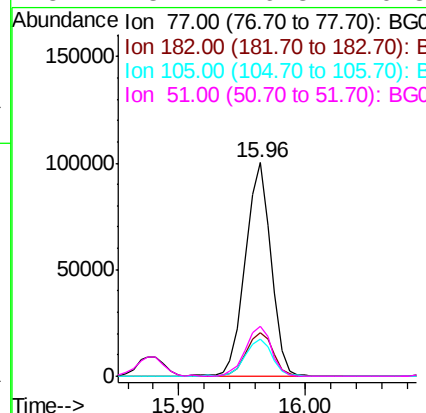
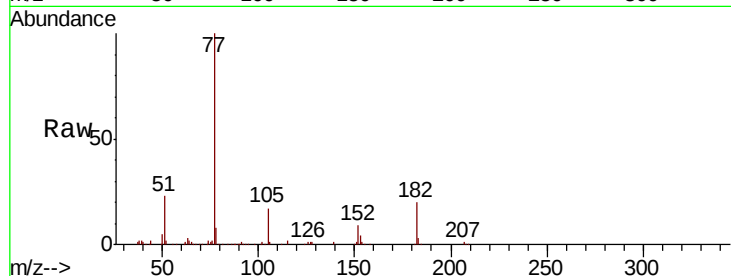
#63
Azobenzene
Concen: 4.671 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	20.2	2.4	42.4		
105	17.3	0.3	40.3		
51	23.1	6.3	46.3		

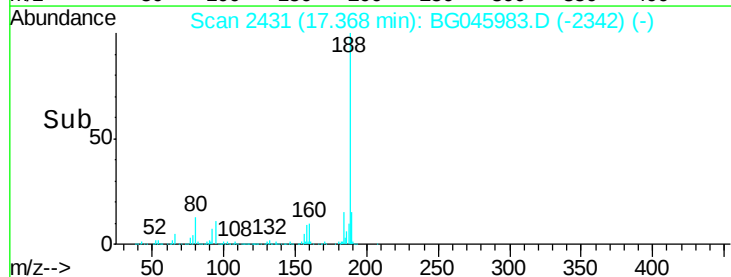
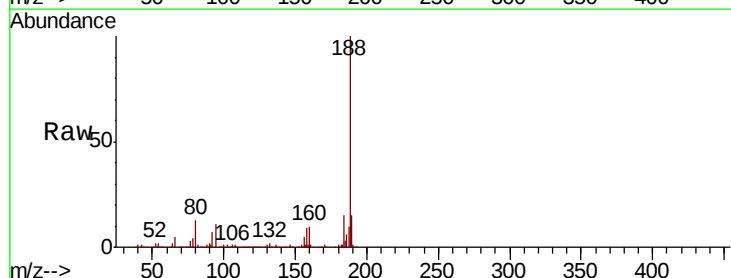
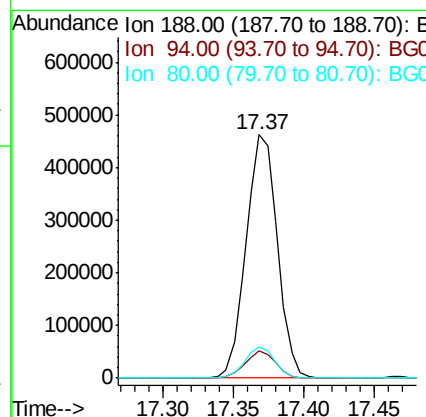
Manual Integrations
APPROVED

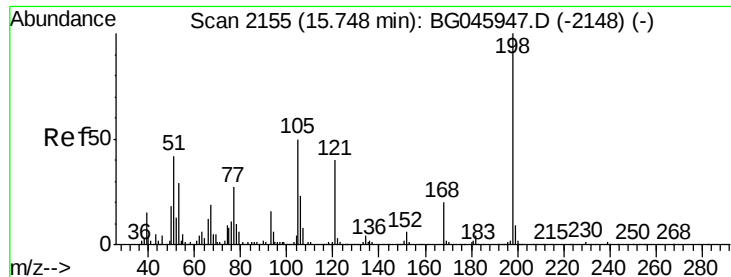
mohammad
7/10/2020 11:45:44 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.2	8.2	12.4		
80	12.9	9.0	13.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 3.688 ng

RT: 15.73 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:198 Resp: 7738

Ion Ratio Lower Upper

198 100

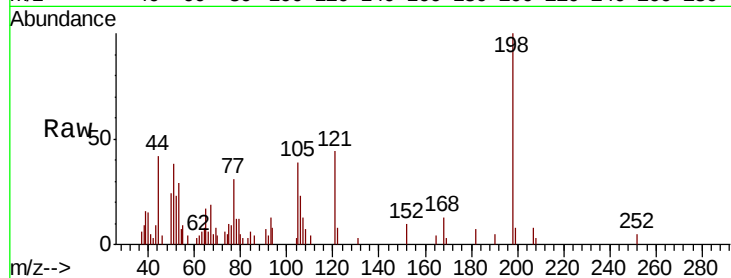
51 37.6 24.5 64.5

105 39.0 30.9 70.9

Manual Integrations
APPROVED

mohammad

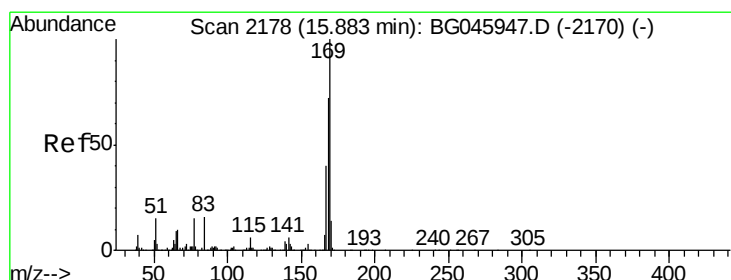
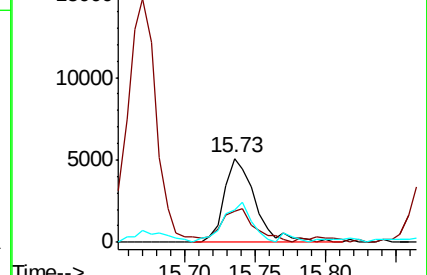
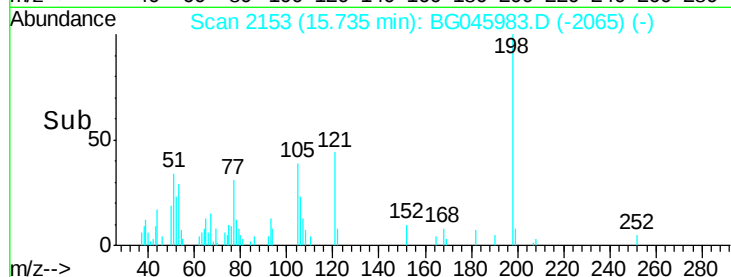
7/10/2020 11:45:44 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 4.538 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

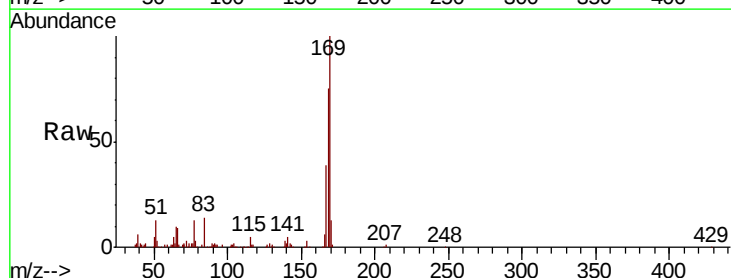
Tgt Ion:169 Resp: 100748

Ion Ratio Lower Upper

169 100

168 75.2 57.3 85.9

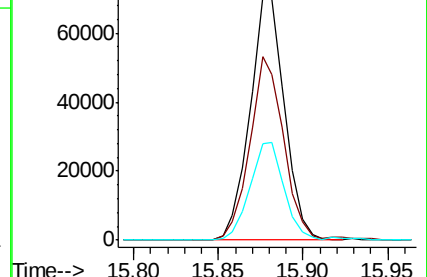
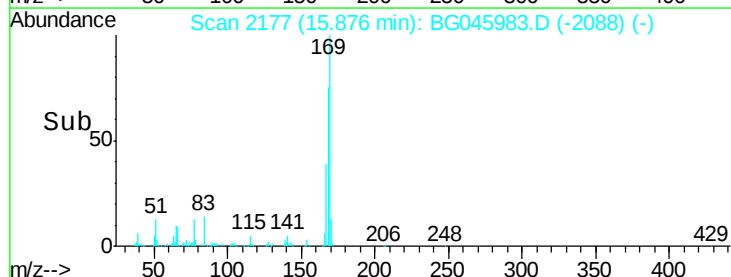
167 39.5 32.1 48.1

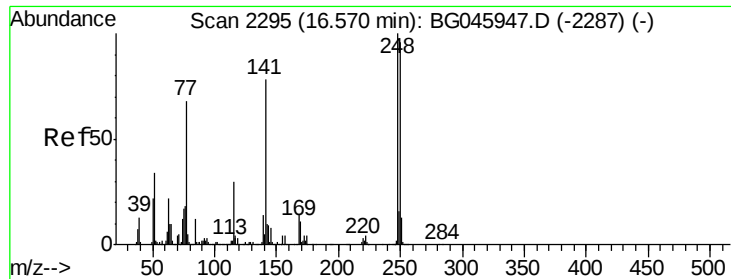


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





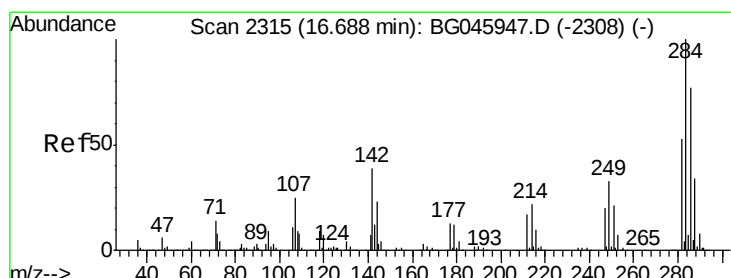
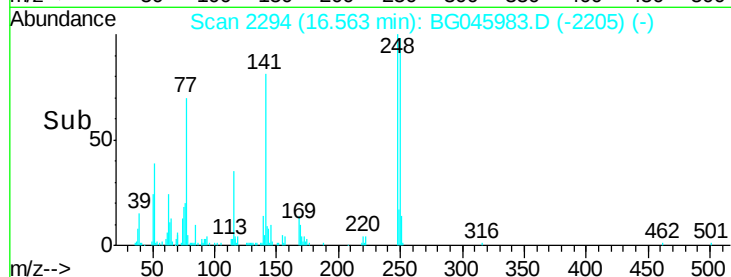
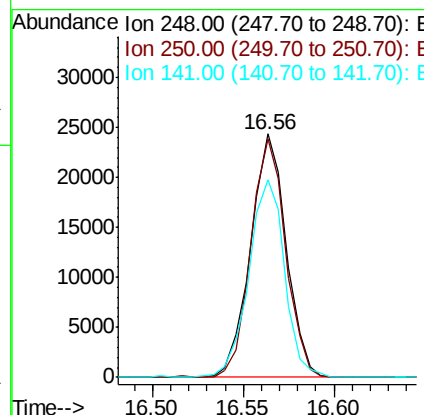
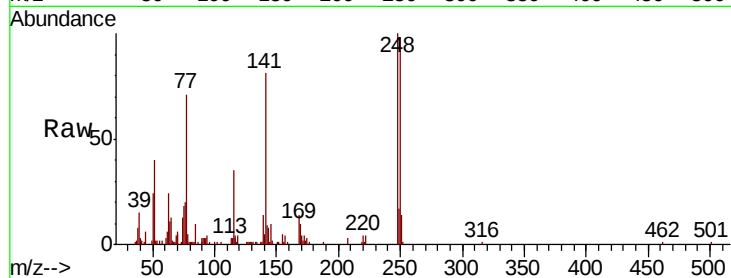
#67
4-Bromophenyl-phenylether
Concen: 4.154 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.6	114.8
141	81.3	62.7	94.1

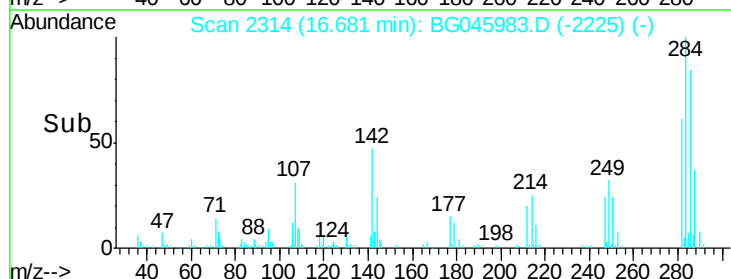
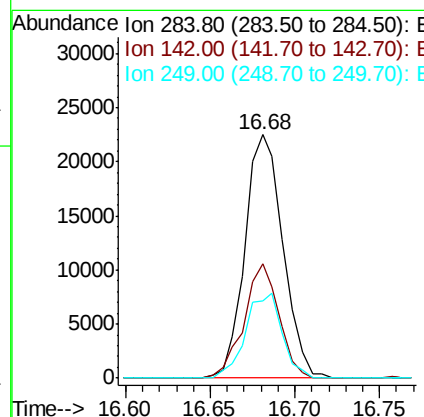
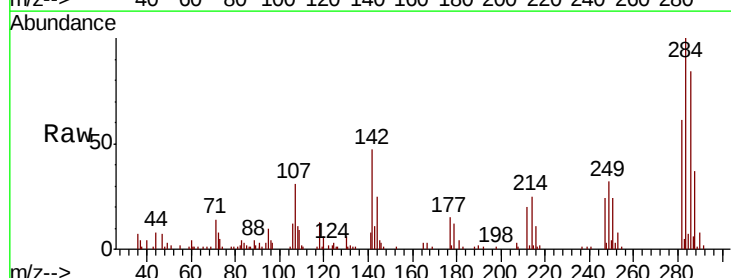
Manual Integrations
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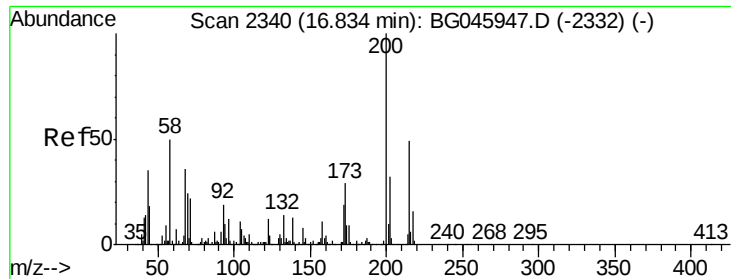
mohammad
7/10/2020 11:45:44 AM



#68
Hexachlorobenzene
Concen: 4.362 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.7	31.3	46.9
249	31.8	26.8	40.2





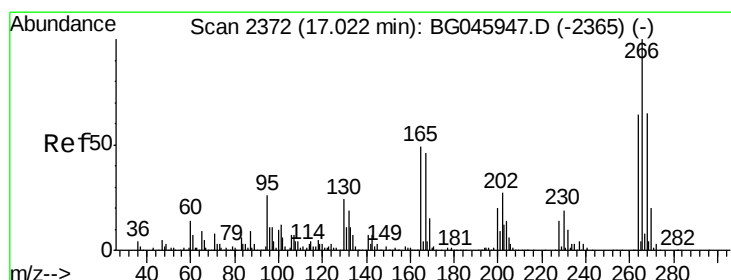
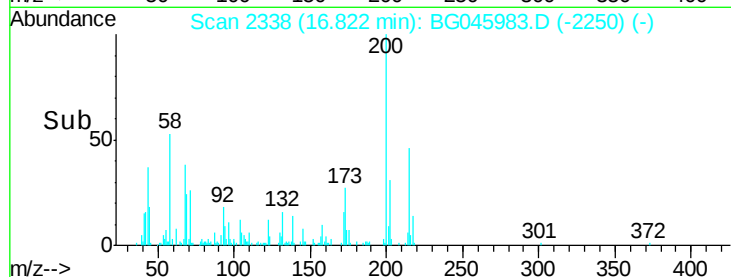
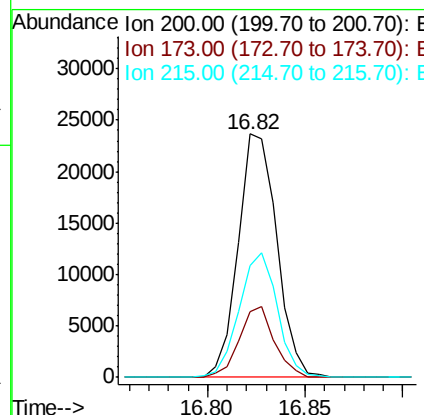
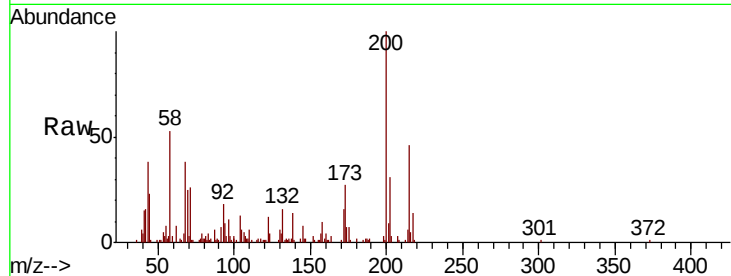
#69
Atrazine
Concen: 4.944 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	9.1	49.1
215	46.0	28.8	68.8

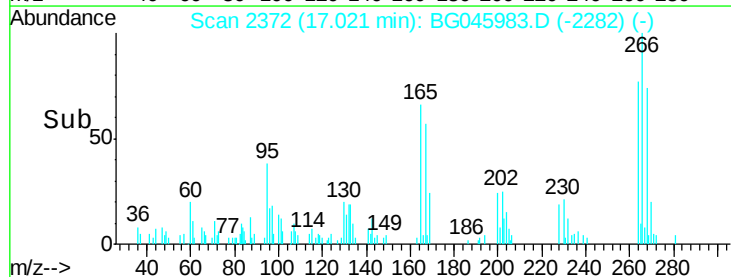
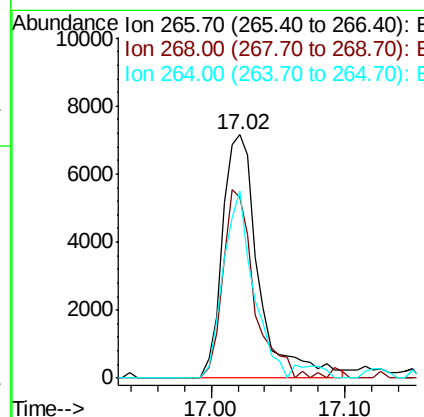
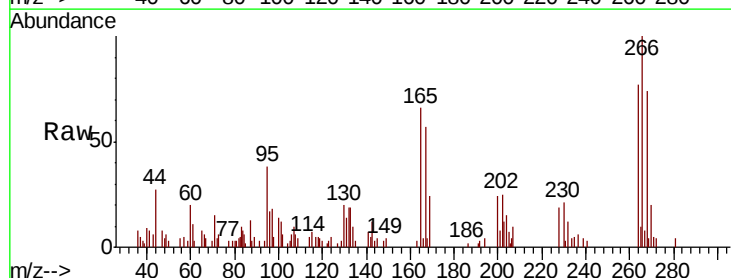
Manual Integrations
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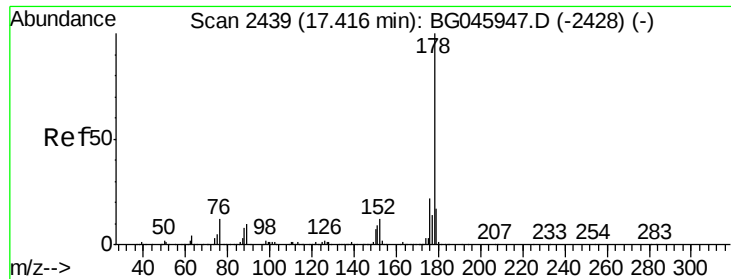
mohammad
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#70
Pentachlorophenol
Concen: 3.057 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	74.2	51.8	77.8
264	76.8	51.4	77.0





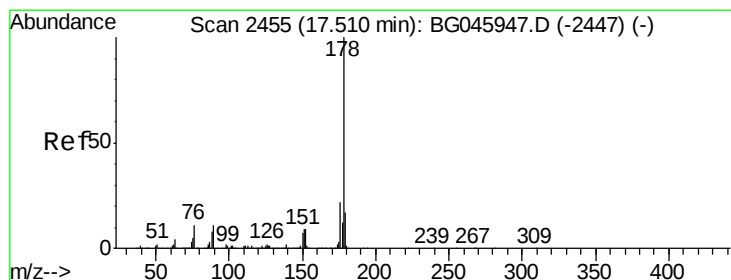
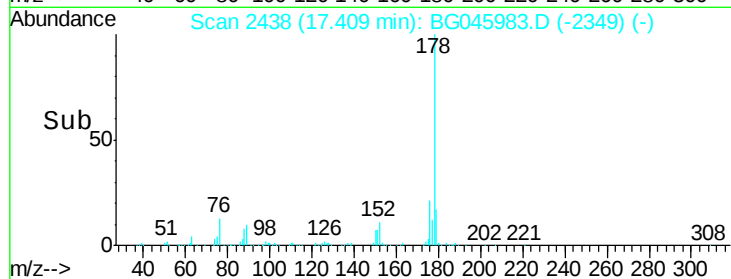
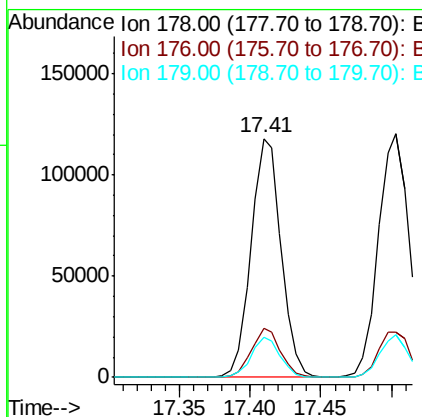
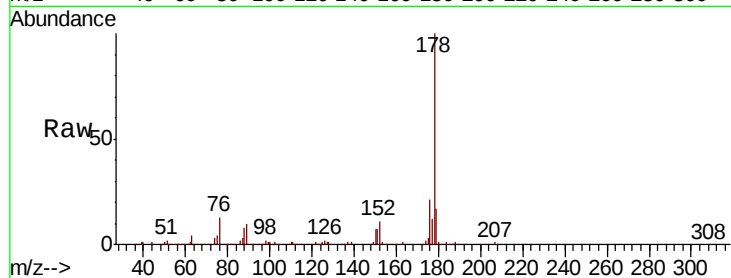
#71
Phenanthrene
Concen: 4.664 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	17.4	26.2
179	16.8	13.4	20.2

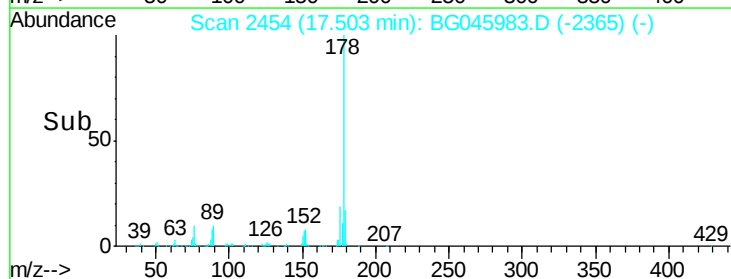
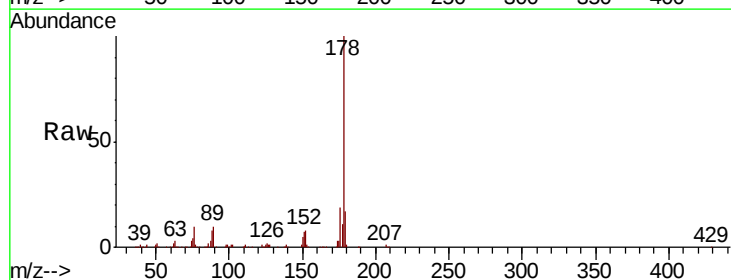
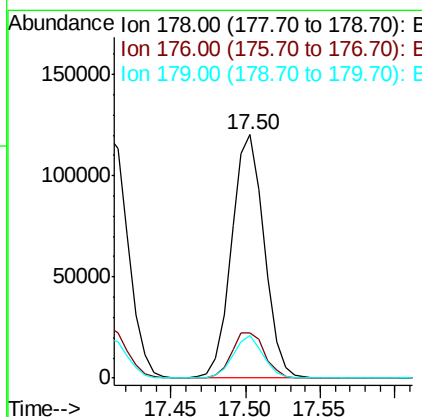
Manual Integrations
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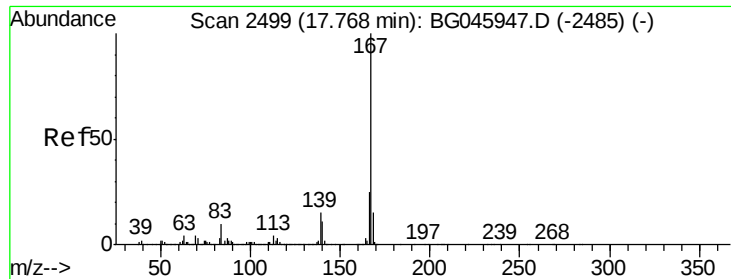
mohammad
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#72
Anthracene
Concen: 4.729 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	17.2	25.8
179	17.4	14.0	21.0





#73

Carbazole

Concen: 4.461 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

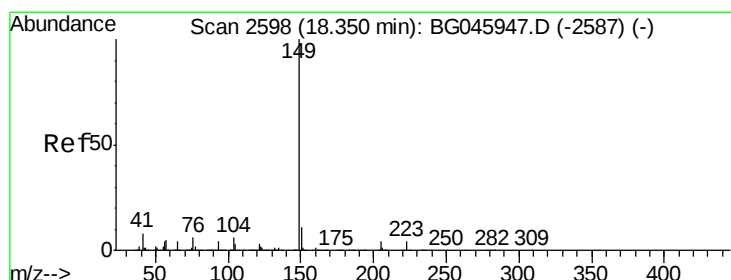
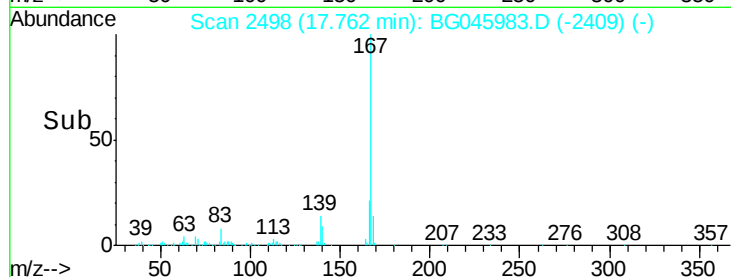
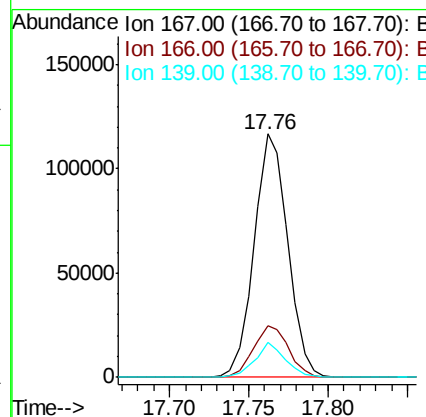
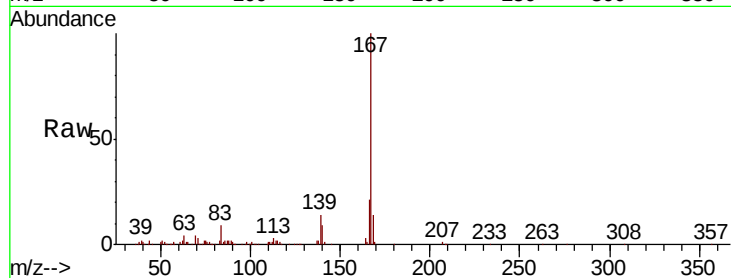
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	167	Resp:	171895
Ion Ratio	Lower	Upper	
167	100		
166	21.5	20.4	30.6
139	14.1	11.8	17.8

Manual Integrations
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mohammad
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#74

Di-n-butylphthalate

Concen: 4.343 ng

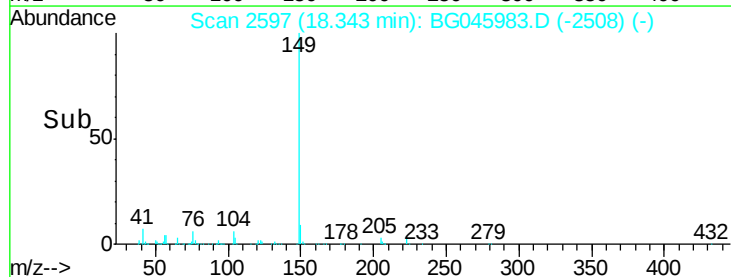
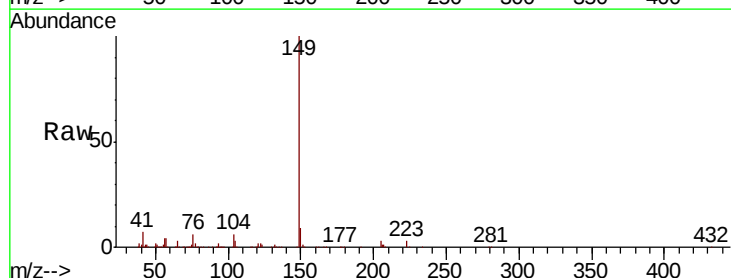
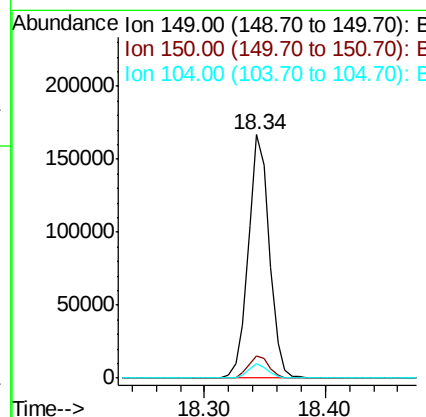
RT: 18.34 min Scan# 2597

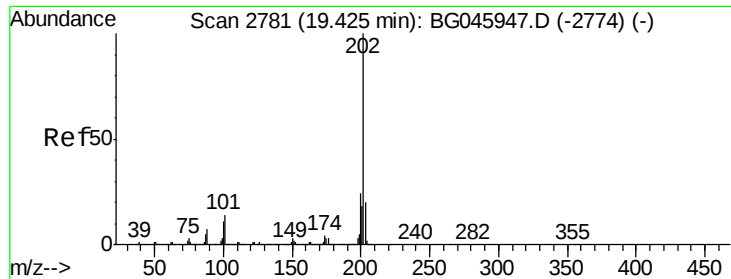
Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Tgt Ion:	149	Resp:	202201
Ion Ratio	Lower	Upper	
149	100		
150	9.4	9.0	13.4
104	6.0	5.2	7.8





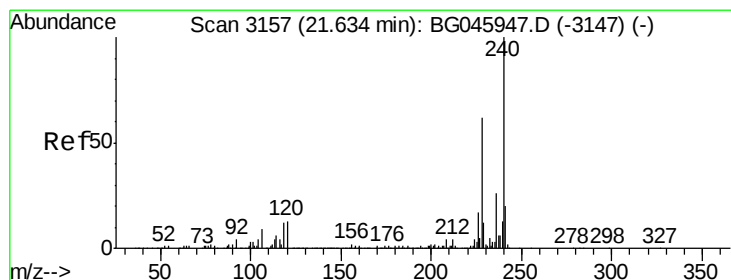
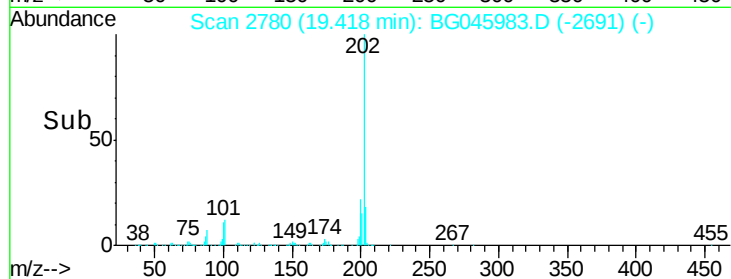
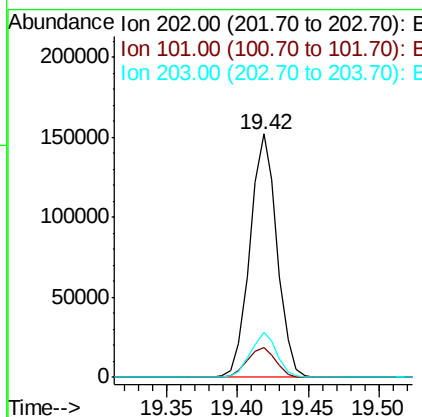
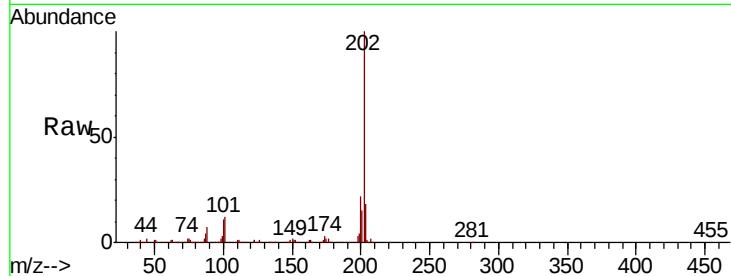
#75
Fluoranthene
Concen: 4.667 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	33.8
203	18.3	0.4	40.4

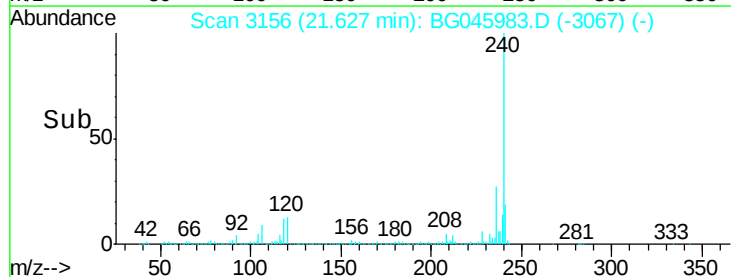
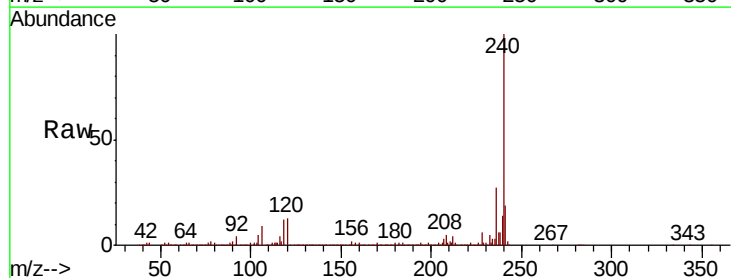
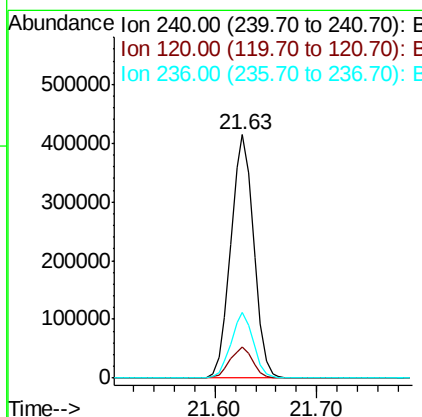
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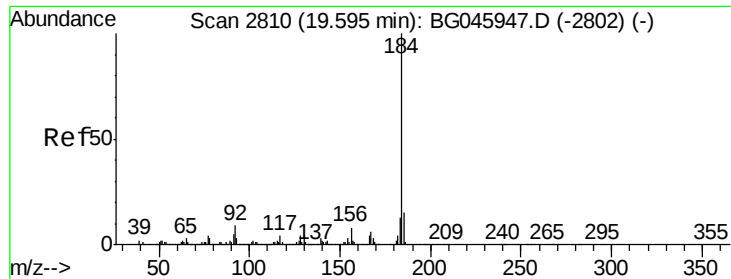
mohammad
7/10/2020 11:45:44 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.8	10.6	16.0
236	26.9	20.4	30.6





#77

Benzidine

Concen: 5.689 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

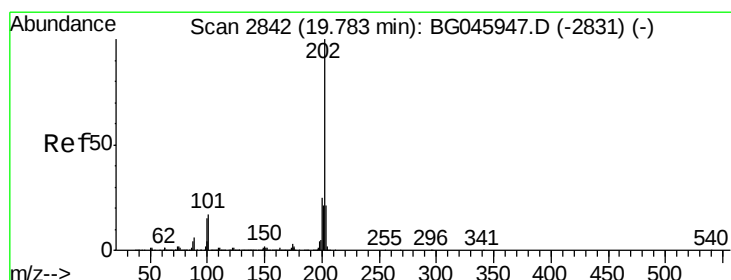
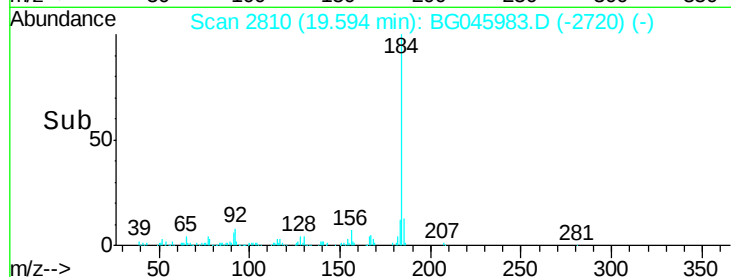
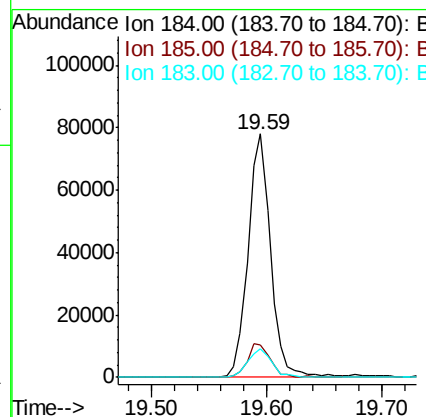
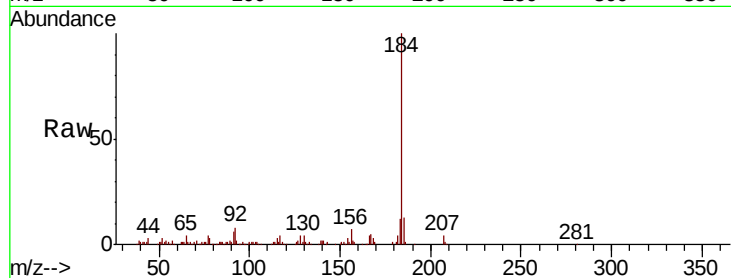
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	184	Resp:	105687
Ion Ratio	Lower	Upper	
184	100		
185	13.5	11.6	17.4
183	11.8	10.4	15.6

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#78

Pyrene

Concen: 4.820 ng

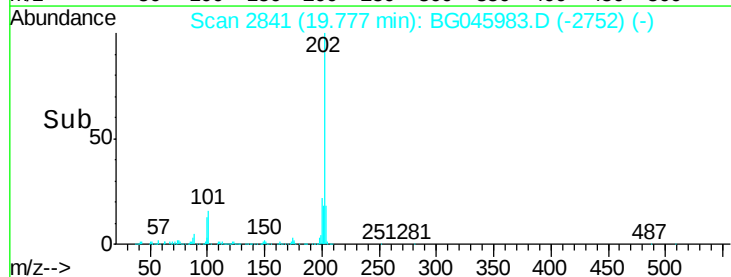
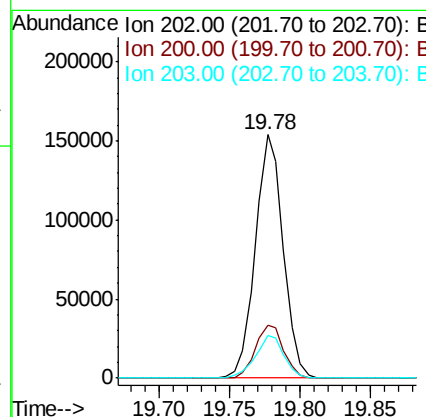
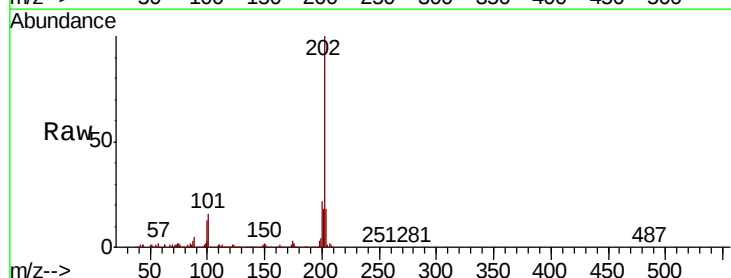
RT: 19.78 min Scan# 2841

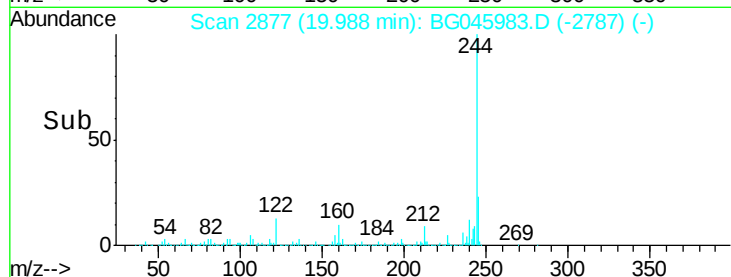
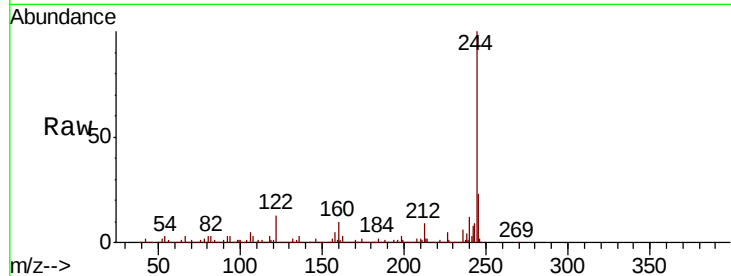
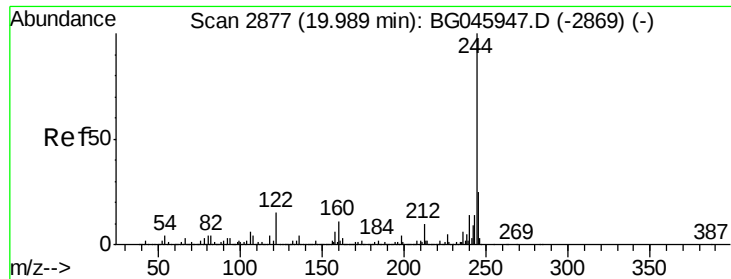
Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Tgt Ion:	202	Resp:	213772
Ion Ratio	Lower	Upper	
202	100		
200	21.6	20.1	30.1
203	17.6	16.5	24.7





#79

Terphenyl-d14

Concen: 58.205 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:244 Resp: 1699117

Ion Ratio Lower Upper

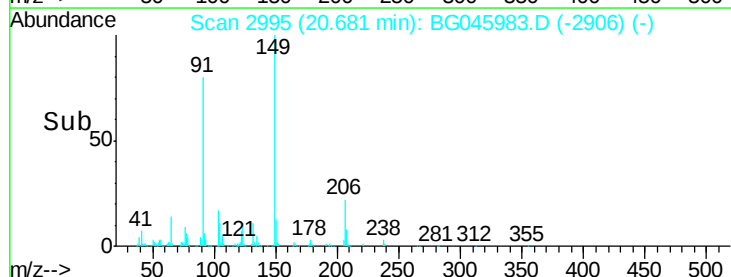
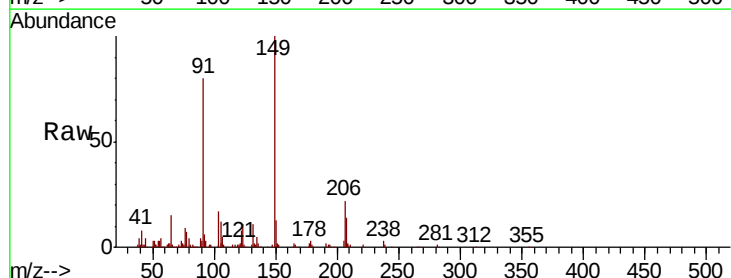
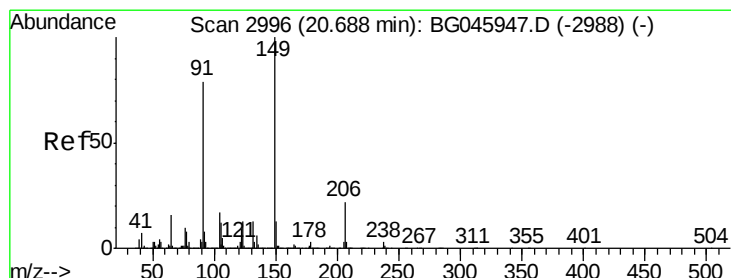
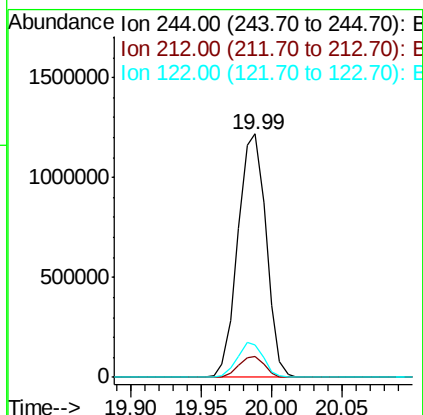
244 100

212 8.7 8.3 12.5

122 13.2 12.1 18.1

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#80

Butylbenzylphthalate

Concen: 3.853 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

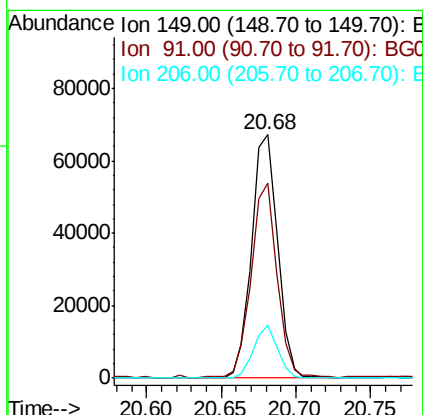
Tgt Ion:149 Resp: 80736

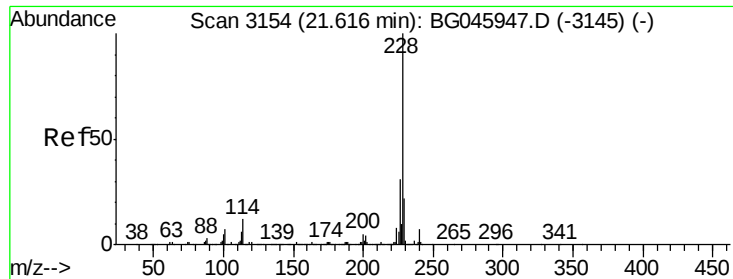
Ion Ratio Lower Upper

149 100

91 80.1 63.1 94.7

206 21.7 17.4 26.0





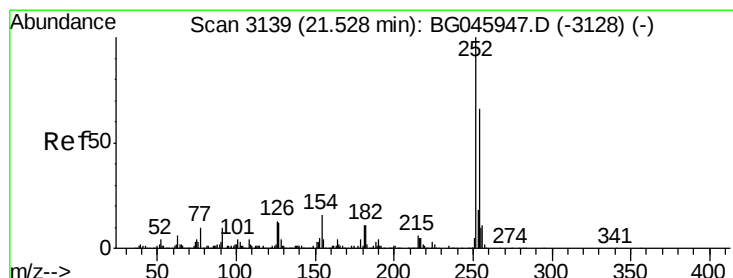
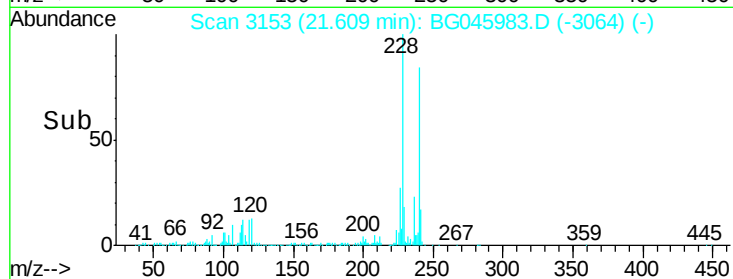
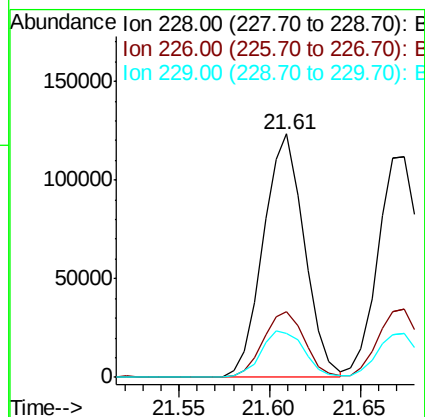
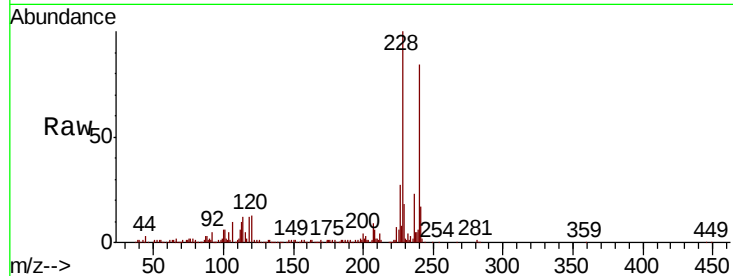
#81
Benzo(a)anthracene
Concen: 4.550 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:	228	Resp:	194361
Ion Ratio	Lower	Upper	
228	100		
226	26.9	24.8	37.2
229	18.2	17.8	26.8

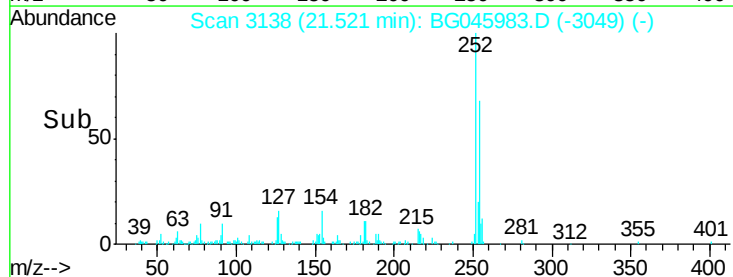
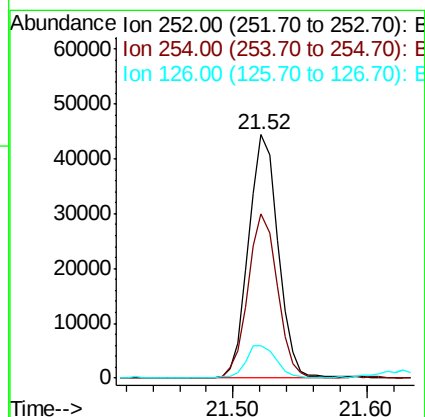
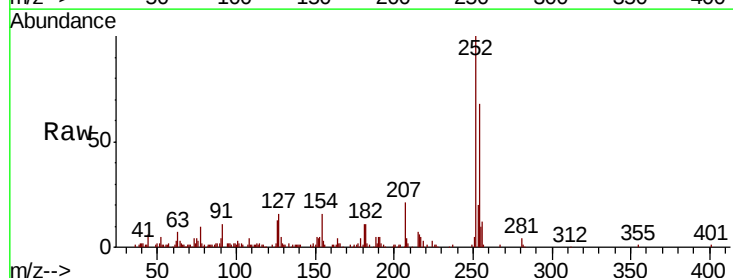
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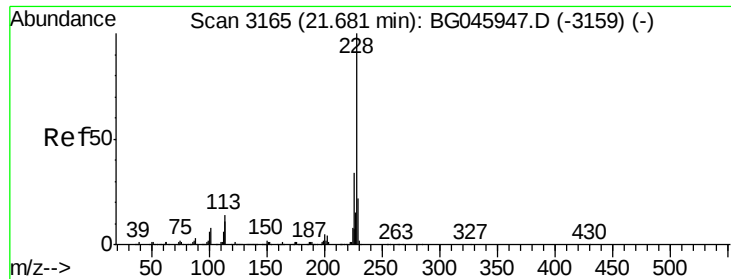
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 4.287 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion:	252	Resp:	67668
Ion Ratio	Lower	Upper	
252	100		
254	67.5	52.9	79.3
126	13.3	10.4	15.6





#83

Chrysene

Concen: 4.439 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

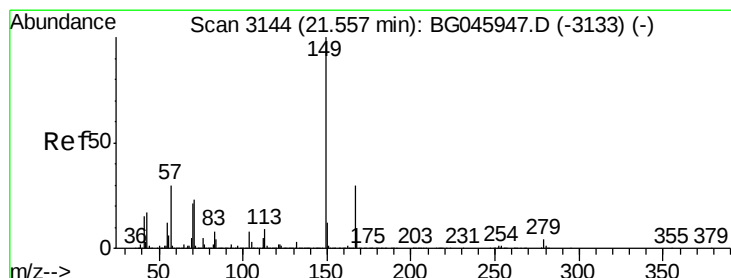
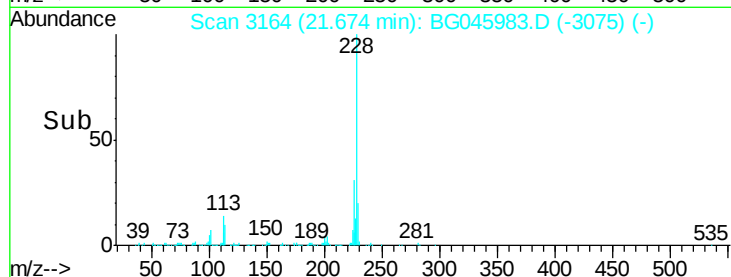
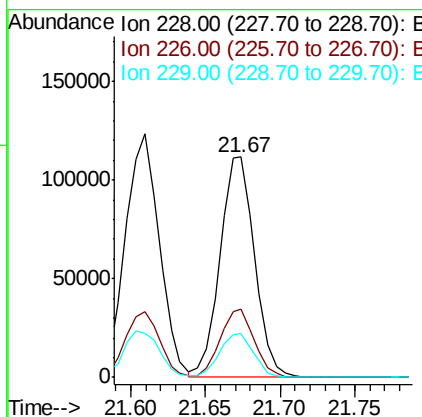
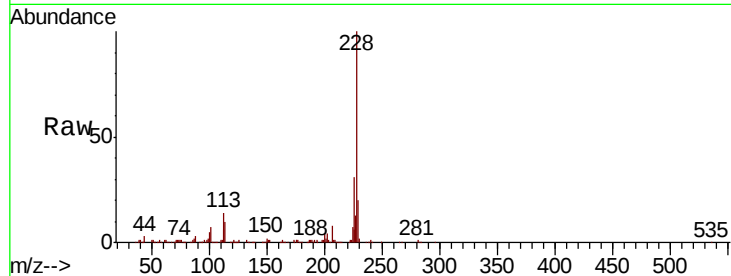
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	228	Resp:	180646
Ion Ratio	Lower	Upper	
228	100		
226	30.9	26.7	40.1
229	20.1	17.3	25.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 4.106 ng

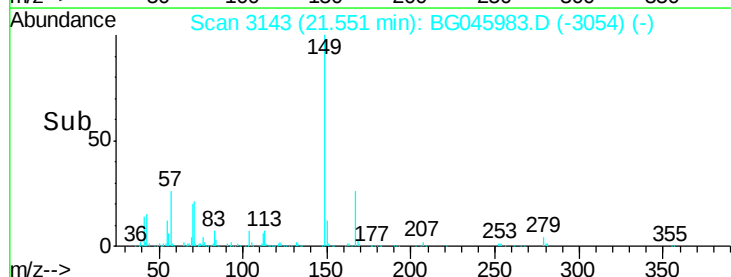
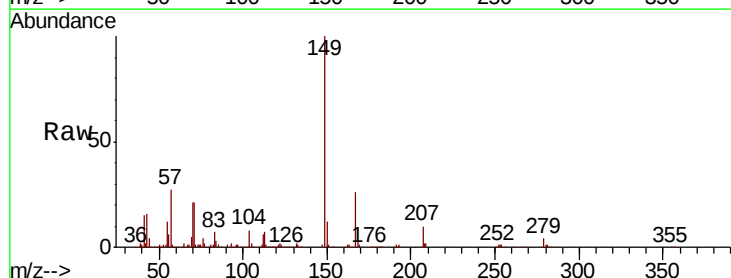
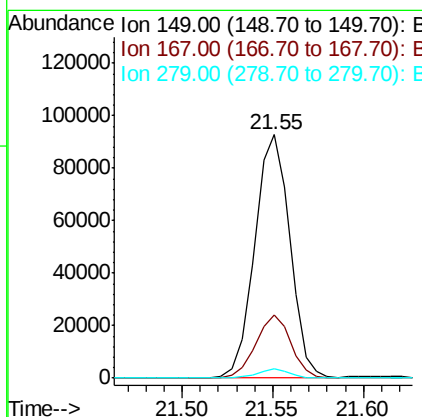
RT: 21.55 min Scan# 3143

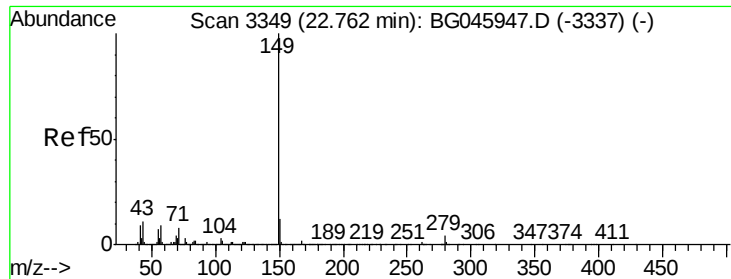
Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Tgt Ion:	149	Resp:	124895
Ion Ratio	Lower	Upper	
149	100		
167	26.0	23.8	35.8
279	3.9	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 3.848 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

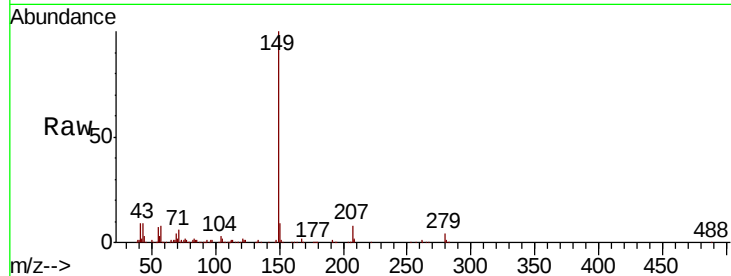
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	149	Resp:	203125
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	9.8	8.6	12.8

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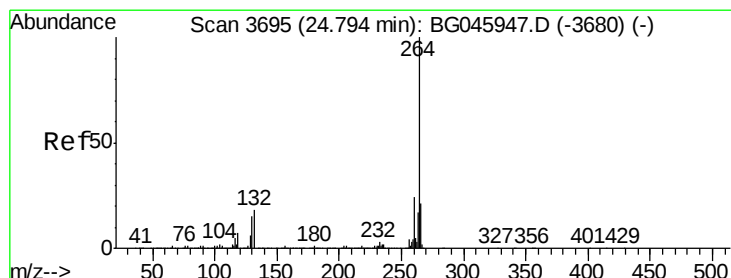
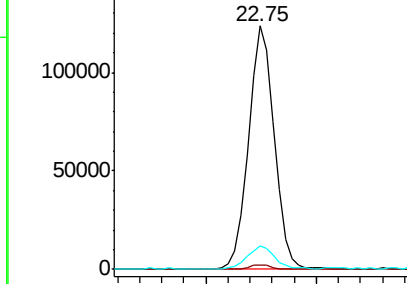
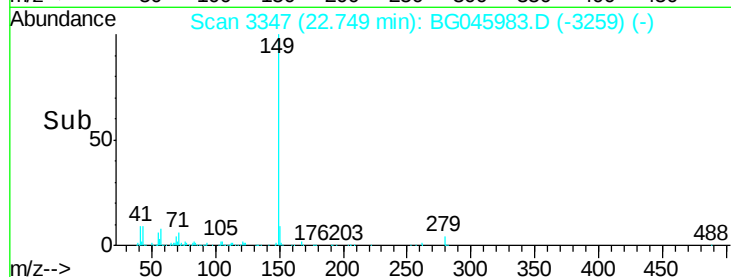
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

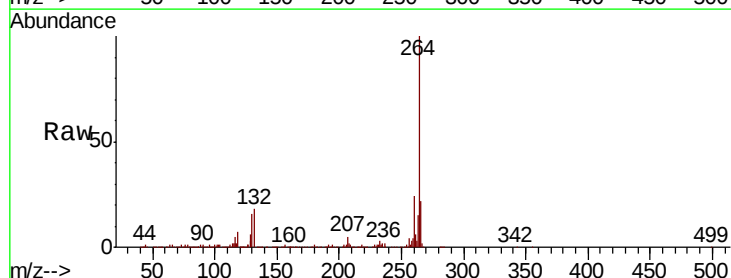
RT: 24.78 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

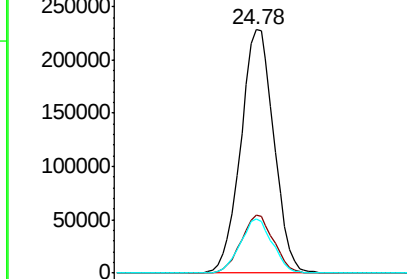
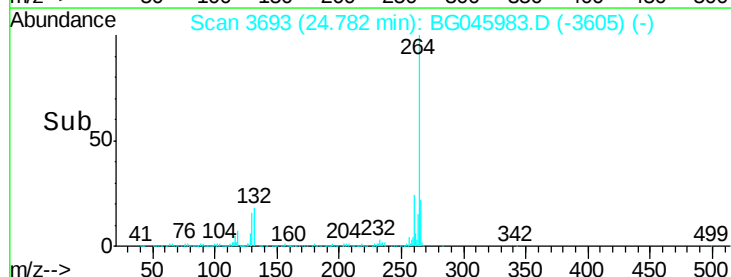
Tgt Ion:	264	Resp:	643538
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.0	28.6
265	22.3	16.9	25.3

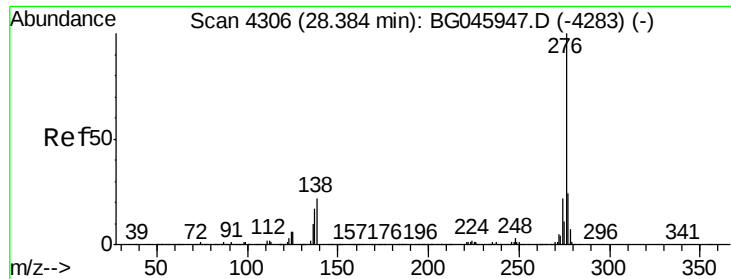


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





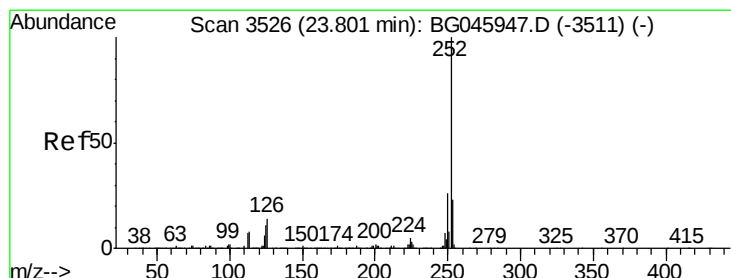
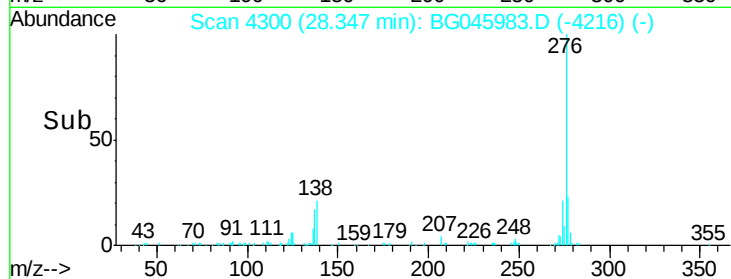
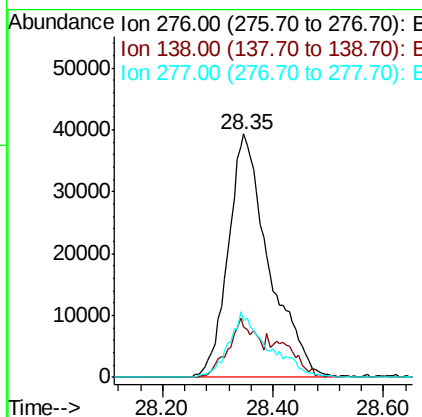
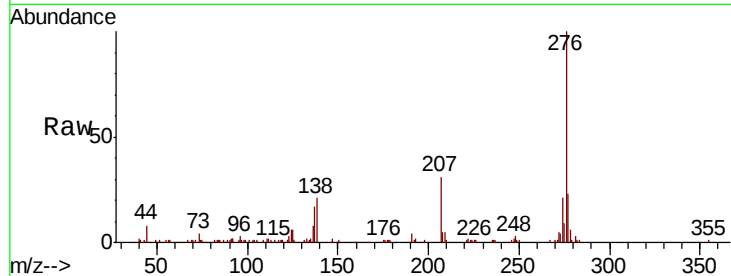
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.282 ng
 RT: 28.35 min Scan# 4306
 Delta R.T. -0.04 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.7	16.4	24.6
277	25.8	20.6	31.0

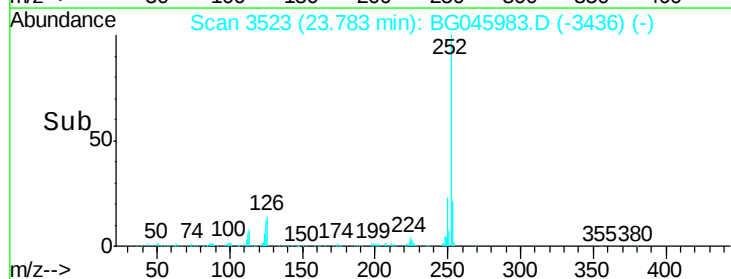
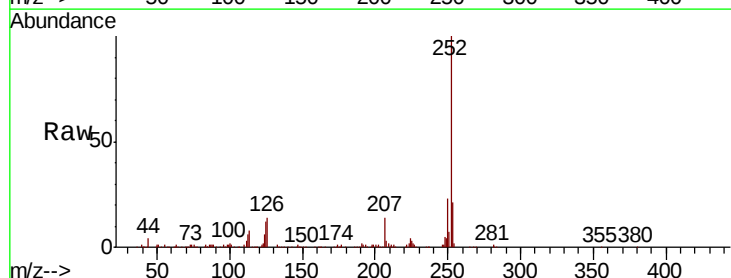
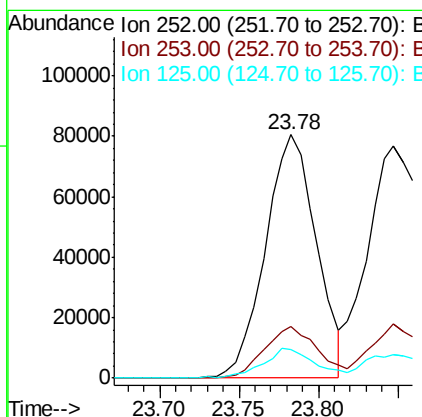
Manual Integrations
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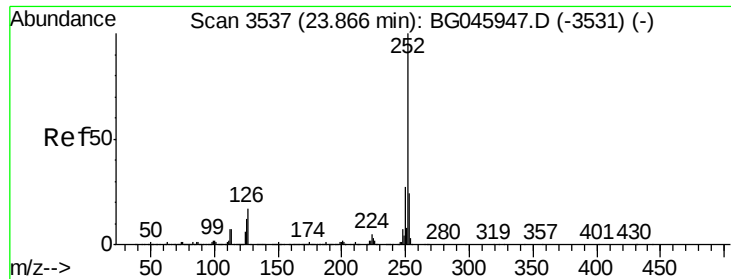
mohammad
 7/10/2020 11:45:44 AM



#88
 Benzo(b)fluoranthene
 Concen: 4.408 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.02 min
 Lab File: BG045983.D
 Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.5	27.7
125	11.7	9.2	13.8





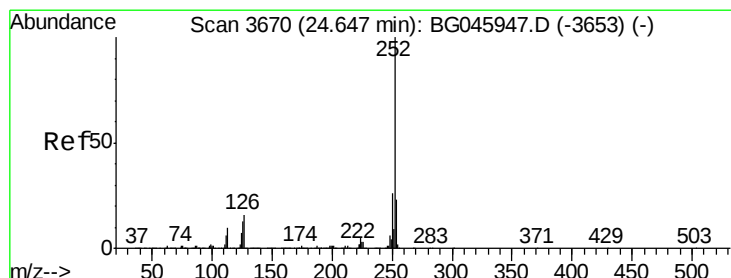
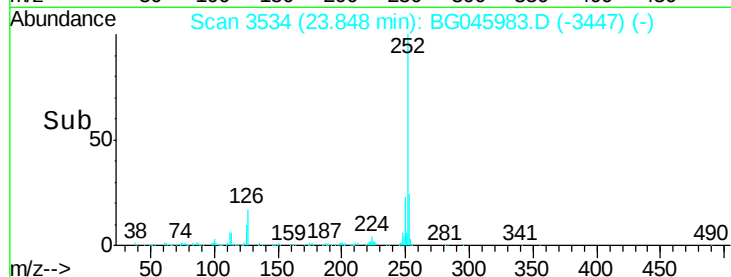
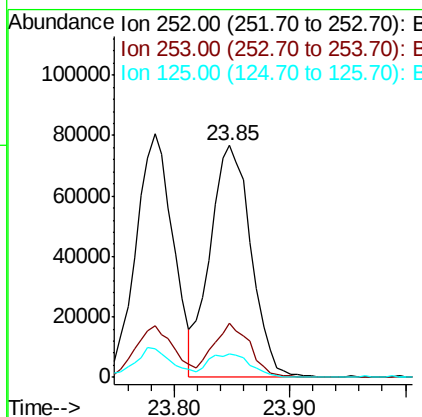
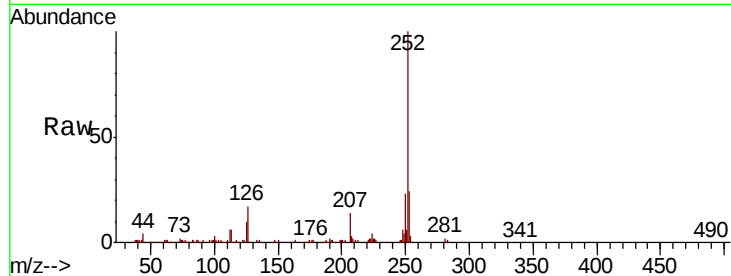
#89
Benzo(k)fluoranthene
Concen: 4.869 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.02 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	10.4	9.6	14.4

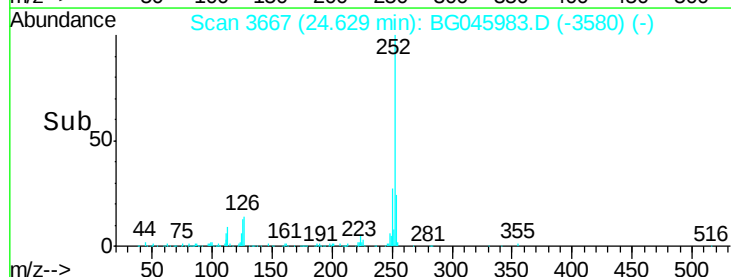
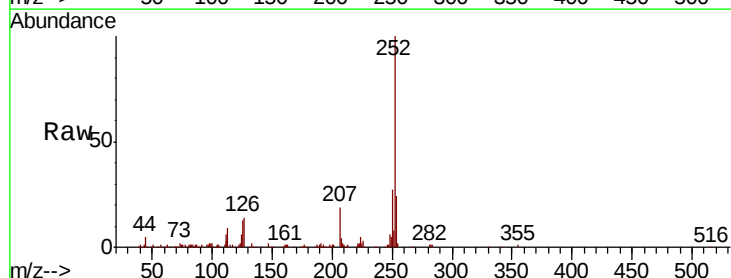
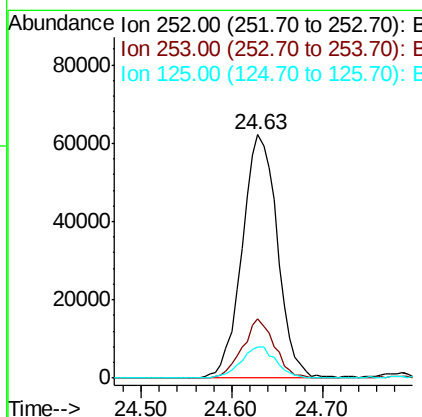
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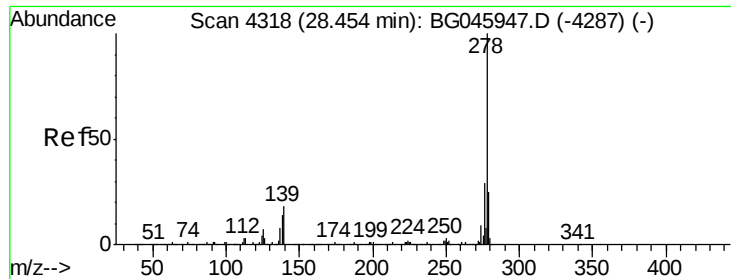
mohammad
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#90
Benzo(a)pyrene
Concen: 4.378 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BG045983.D
Acq: 8 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.6	28.0
125	12.6	10.5	15.7





#91

Dibenzo(a,h)anthracene

Concen: 4.446 ng

RT: 28.42 min Scan# 4312

Delta R.T. -0.04 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Instrument :

BNA_G

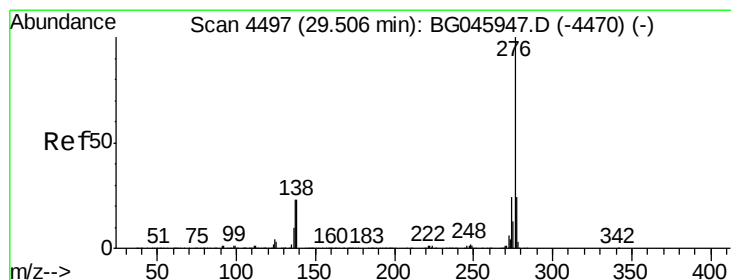
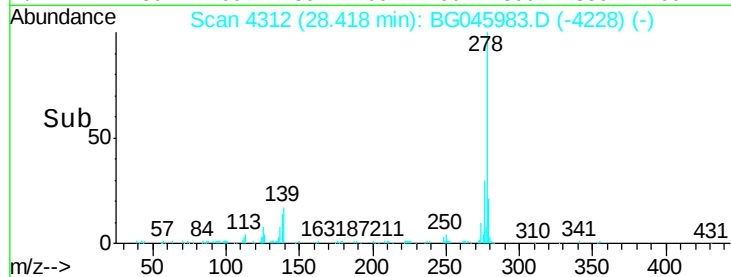
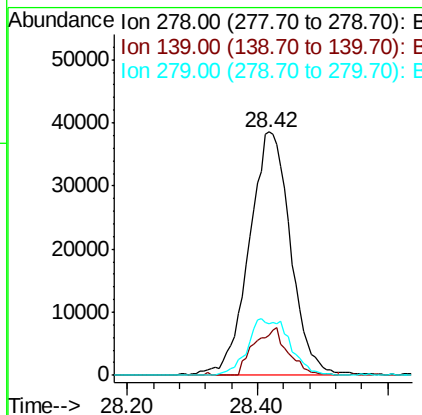
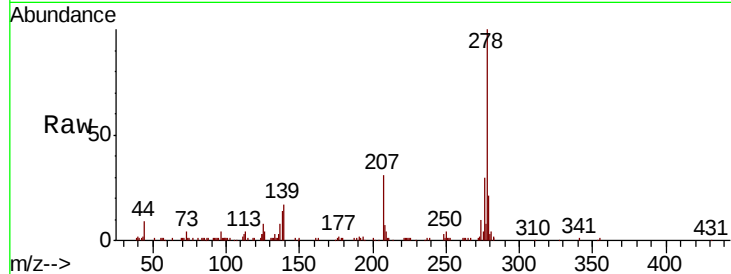
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	278	Resp:	168840
Ion Ratio	Lower	Upper	
278	100		
139	16.7	14.3	21.5
279	21.3	19.8	29.6

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 4.519 ng

RT: 29.46 min Scan# 4489

Delta R.T. -0.05 min

Lab File: BG045983.D

Acq: 8 Jul 2020 16:38

Tgt Ion:	276	Resp:	172677
Ion Ratio	Lower	Upper	
276	100		
277	21.9	19.4	29.0
138	23.0	18.6	28.0

