

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
 Data File : BG045993.D
 Acq On : 9 Jul 2020 13:43
 Operator : CG/JU
 Sample : L3216-08
 Misc : LOO-WATER-10PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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 7/10/2020 11:47:13 AM

Quant Time: Jul 09 14:26:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 11:56:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	139595	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	587538	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	348016	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	716424	20.00	ng	0.00
76) Chrysene-d12	21.63	240	651686	20.00	ng	0.00
86) Perylene-d12	24.78	264	656954	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	854707	99.29	ng	0.00
7) Phenol-d6	7.16	99	1265053	102.08	ng	0.00
23) Nitrobenzene-d5	9.16	82	855244	83.78	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	325151	100.67	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1658522	74.34	ng	0.00
79) Terphenyl-d14	19.98	244	1744049	59.56	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	45067	11.348	ng	97
3) Pyridine	3.90	79	97928	8.155	ng	96
4) n-Nitrosodimethylamine	3.82	42	40514	9.977	ng	90
6) Aniline	7.33	93	152260	9.604	ng	97
8) 2-Chlorophenol	7.57	128	86066	9.288	ng	92
9) Benzaldehyde	7.14	77	102601	13.067	ng	100
10) Phenol	7.19	94	118039	9.495	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	94598	9.202	ng	99
12) 1,3-Dichlorobenzene	7.90	146	99452	9.311	ng	99
13) 1,4-Dichlorobenzene	8.04	146	99661	9.485	ng	98
14) 1,2-Dichlorobenzene	8.36	146	94309	9.326	ng	98
15) Benzyl Alcohol	8.23	79	88525	9.110	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	125168	9.332	ng	96
17) 2-Methylphenol	8.44	107	78649	8.431	ng	97
18) Hexachloroethane	9.09	117	39278	9.716	ng	85
19) n-Nitroso-di-n-propylamine	8.80	70	83122	9.547	ng	97
20) 3+4-Methylphenols	8.76	107	106454	8.373	ng	97
22) Acetophenone	8.82	105	150346	9.579	ng	# 96
24) Nitrobenzene	9.20	77	112710	10.004	ng	98
25) Isophorone	9.73	82	217098	8.712	ng	98
26) 2-Nitrophenol	9.91	139	33743	9.189	ng	95
27) 2,4-Dimethylphenol	9.97	122	81774	9.219	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	129408	9.248	ng	95
29) 2,4-Dichlorophenol	10.45	162	75984	8.275	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	88078	8.657	ng	96
31) Naphthalene	10.85	128	293027	9.303	ng	98
32) Benzoic acid	10.04	122	31724m	6.605	ng	
33) 4-Chloroaniline	10.95	127	123026	8.741	ng	98
34) Hexachlorobutadiene	11.15	225	48516	8.167	ng	93
35) Caprolactam	11.69	113	27875	7.996	ng	93
36) 4-Chloro-3-methylphenol	12.07	107	89728	8.580	ng	97
37) 2-Methylnaphthalene	12.46	142	214784	9.593	ng	99
38) 1-Methylnaphthalene	12.67	142	198852	9.411	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	94570	9.640	ng	99

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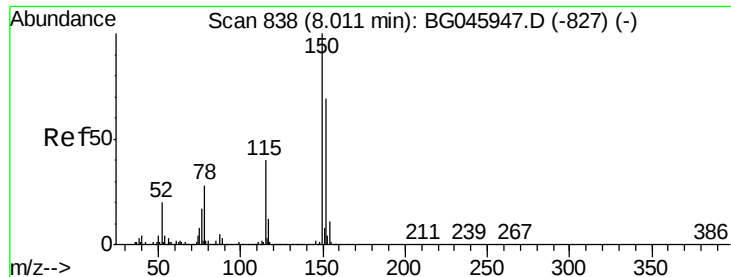
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	51652	8.873	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	56200	8.471	nq	91
44) 2,4,5-Trichlorophenol	13.13	196	63091	8.410	nq	98
46) 1,1'-Biphenyl	13.46	154	264183	10.091	nq	94
47) 2-Chloronaphthalene	13.50	162	188544	9.128	nq	98
48) 2-Nitroaniline	13.69	65	54626	11.300	nq	98
49) Acenaphthylene	14.35	152	318922	9.569	nq	98
50) Dimethylphthalate	14.08	163	236090	9.039	nq	99
51) 2,6-Dinitrotoluene	14.19	165	44310	10.934	nq	95
52) Acenaphthene	14.69	154	195301	9.291	nq	97
53) 3-Nitroaniline	14.51	138	48465	9.650	nq	# 82
54) 2,4-Dinitrophenol	14.72	184	9463	6.620	nq	# 67
55) Dibenzofuran	15.02	168	296103	9.609	nq	95
56) 4-Nitrophenol	14.81	139	38600	9.071	nq	99
57) 2,4-Dinitrotoluene	14.98	165	54274	10.839	nq	97
58) Fluorene	15.67	166	236209	9.344	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	51857m	8.953	nq	
60) Diethylphthalate	15.45	149	248562	9.075	nq	95
61) 4-Chlorophenyl-phenylether	15.67	204	110218	8.764	nq	98
62) 4-Nitroaniline	15.67	138	54727	10.138	nq	91
63) Azobenzene	15.96	77	277077	9.425	nq	97
65) 4,6-Dinitro-2-methylphenol	15.73	198	15640	7.454	nq	96
66) n-Nitrosodiphenylamine	15.88	169	204604	9.216	nq	98
67) 4-Bromophenyl-phenylether	16.56	248	67287	8.409	nq	99
68) Hexachlorobenzene	16.68	284	71741	8.935	nq	98
69) Atrazine	16.83	200	67392	10.267	nq	96
70) Pentachlorophenol	17.02	266	32106	7.192	nq	99
71) Phenanthrene	17.41	178	360194	9.510	nq	96
72) Anthracene	17.50	178	376199	9.787	nq	96
73) Carbazole	17.76	167	352158	9.140	nq	95
74) Di-n-butylphthalate	18.34	149	426972	9.171	nq	97
75) Fluoranthene	19.42	202	421746	9.632	nq	94
77) Benzidine	19.59	184	217902	11.694	nq	98
78) Pyrene	19.78	202	431288	9.695	nq	94
80) Butylbenzylphthalate	20.68	149	173901	8.273	nq	96
81) Benzo(a)anthracene	21.60	228	400822	9.354	nq	96
82) 3,3'-Dichlorobenzidine	21.52	252	148549	9.382	nq	96
83) Chrysene	21.67	228	374023	9.162	nq	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	263404	8.632	nq	95
85) Di-n-octyl phthalate	22.75	149	425203	8.030	nq	97
87) Indeno(1,2,3-cd)pyrene	28.35	276	428086	8.907	nq	# 93
88) Benzo(b)fluoranthene	23.78	252	380079	9.114	nq	99
89) Benzo(k)fluoranthene	23.85	252	391246	9.922	nq	97
90) Benzo(a)pyrene	24.63	252	350871	8.947	nq	97
91) Dibenzo(a,h)anthracene	28.42	278	357555	9.224	nq	98
92) Benzo(g,h,i)perylene	29.46	276	356984	9.151	nq	94

(#) = 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: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

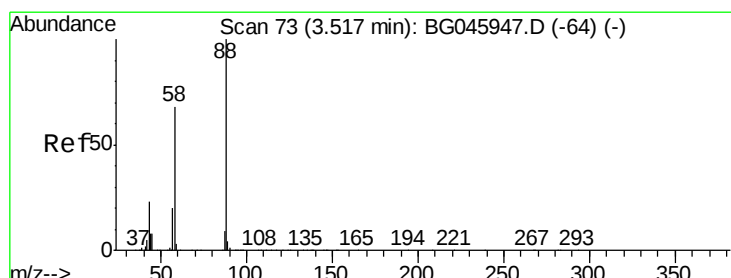
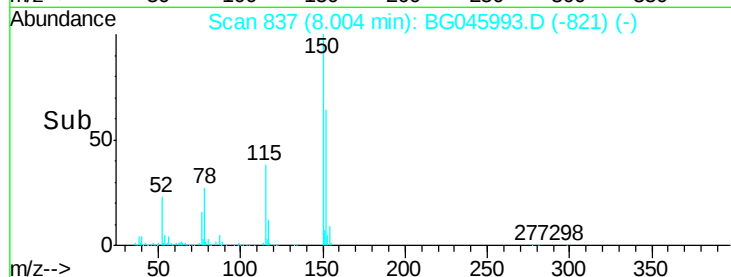
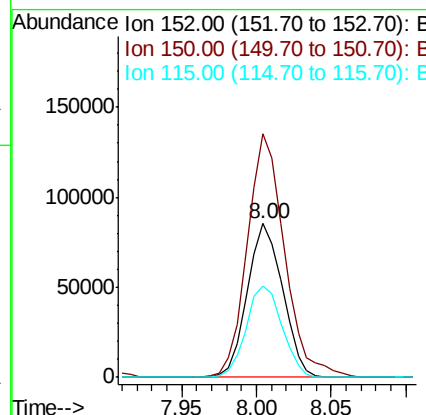
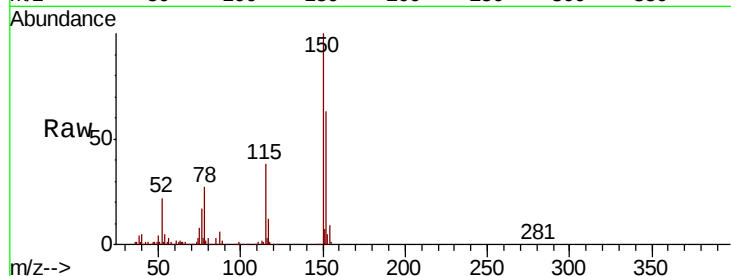
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	152	Resp:	139595
Ion Ratio	Lower	Upper	
152	100		
150	158.6	116.7	175.1
115	59.8	47.4	71.0

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#2

1,4-Dioxane

Concen: 11.348 ng

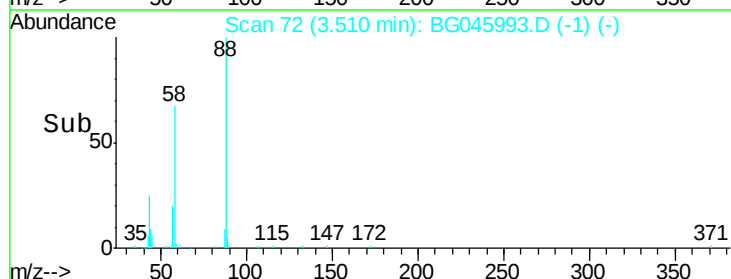
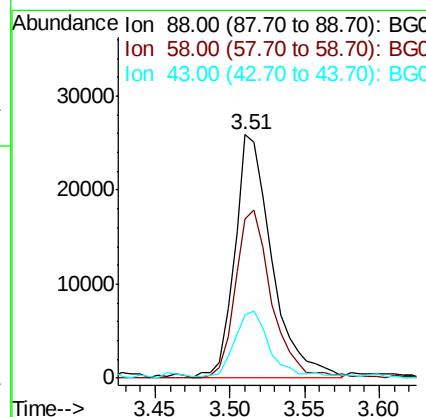
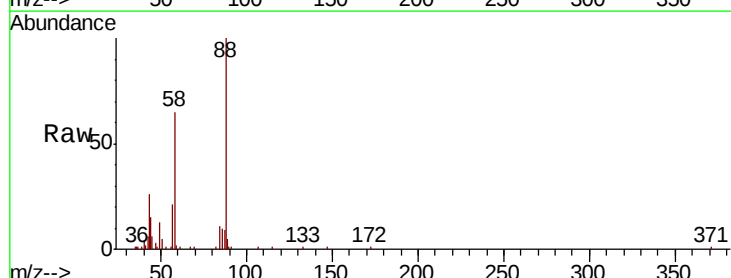
RT: 3.51 min Scan# 72

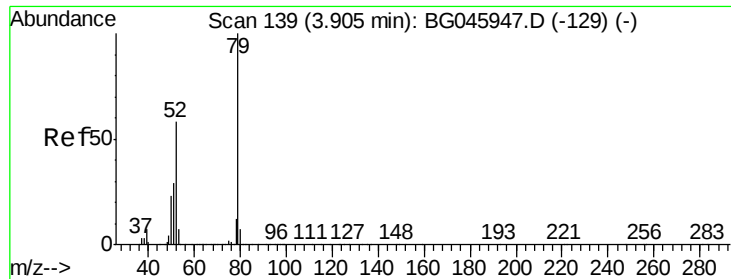
Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion:	88	Resp:	45067
Ion Ratio	Lower	Upper	
88	100		
58	67.5	55.2	82.8
43	27.3	19.4	29.0





#3

Pvridine

Concen: 8.155 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

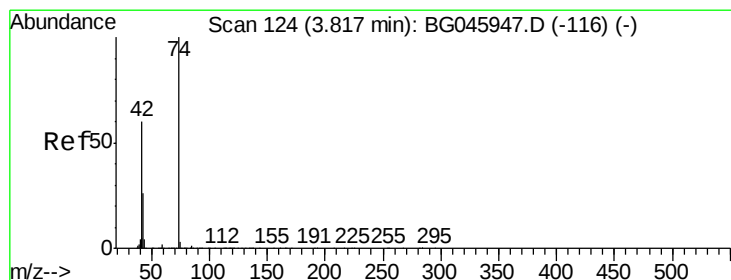
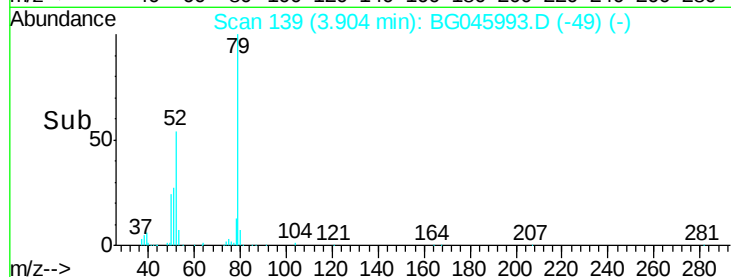
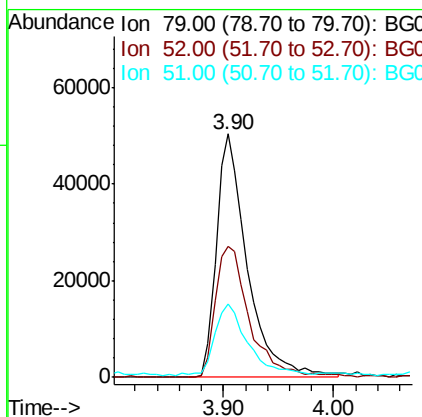
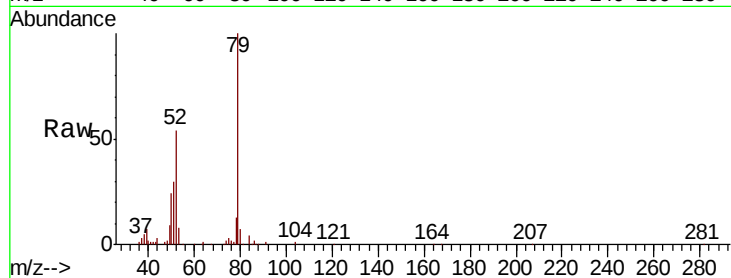
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	79	Resp:	97928
Ion	Ratio	Lower	Upper
79	100		
52	53.7	46.5	69.7
51	30.0	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 9.977 ng

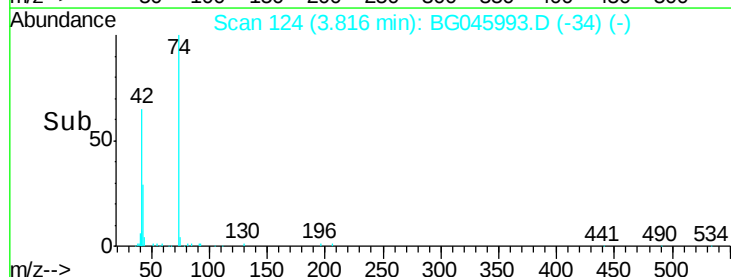
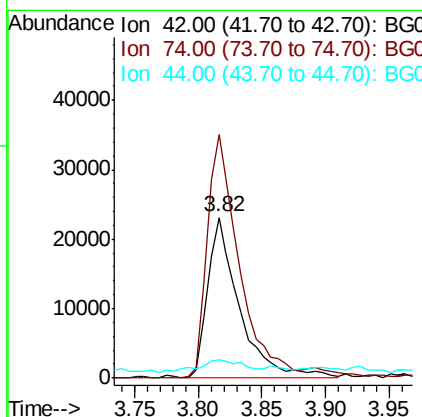
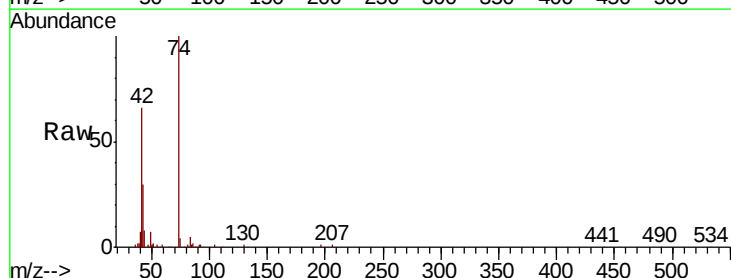
RT: 3.82 min Scan# 124

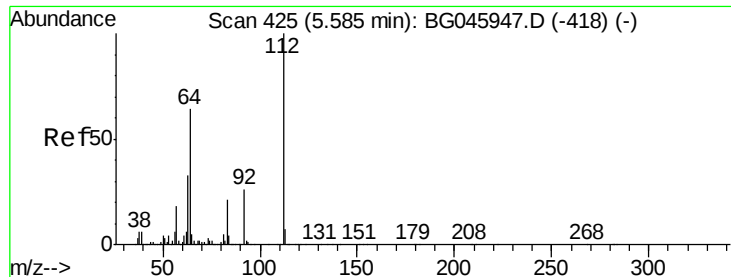
Delta R.T. -0.00 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion:	42	Resp:	40514
Ion	Ratio	Lower	Upper
42	100		
74	151.3	131.9	197.9
44	11.4	7.7	11.5





#5

2-Fluorophenol

Concen: 99.291 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

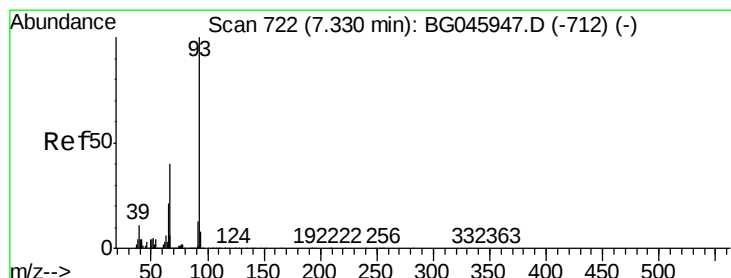
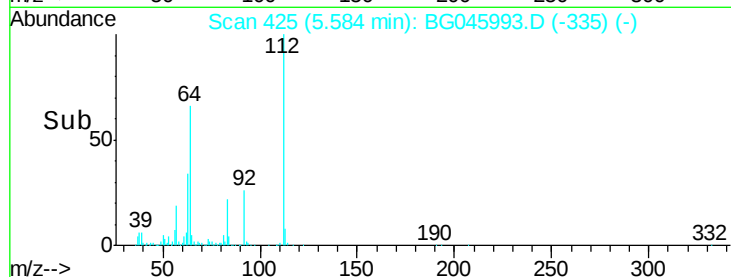
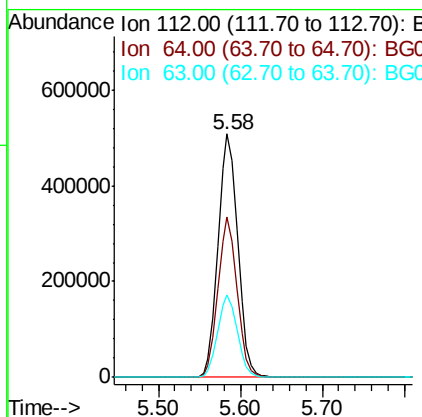
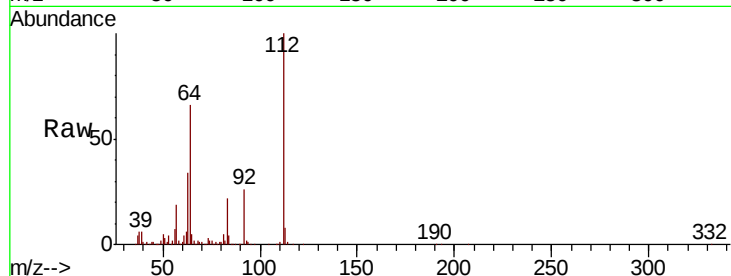
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	112	Resp:	854707
Ion Ratio	Lower	Upper	
112	100		
64	66.1	51.4	77.2
63	34.1	26.6	40.0

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#6

Aniline

Concen: 9.604 ng

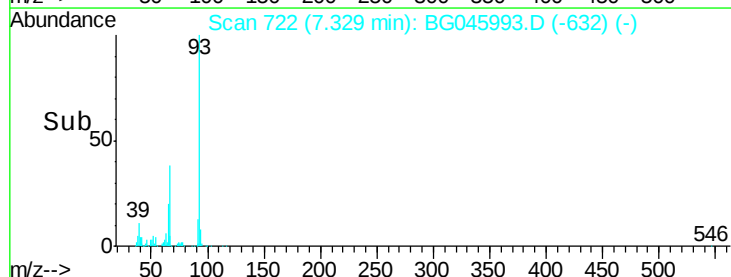
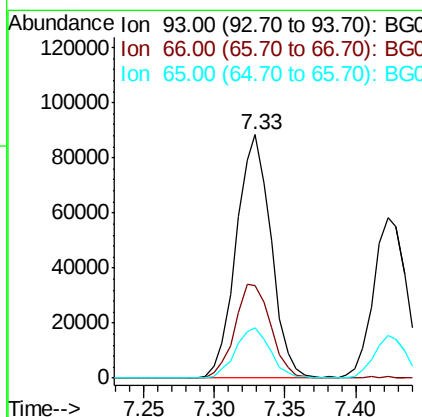
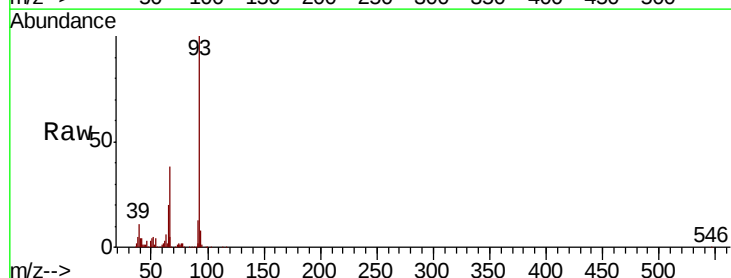
RT: 7.33 min Scan# 722

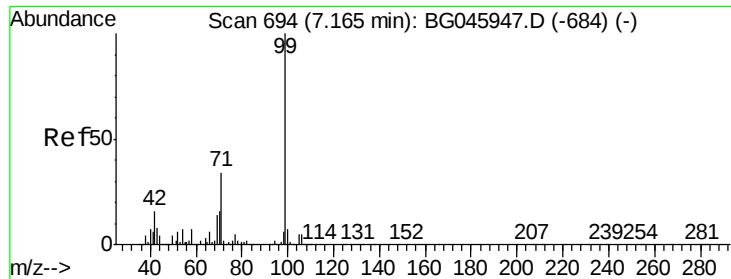
Delta R.T. -0.00 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion:	93	Resp:	152260
Ion Ratio	Lower	Upper	
93	100		
66	38.0	32.3	48.5
65	20.5	16.6	25.0





#7

Phenol-d6

Concen: 102.076 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 99 Resp: 1265053

Ion Ratio Lower Upper

99 100

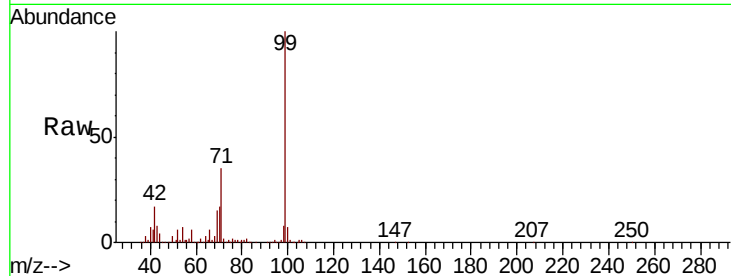
42 17.0 13.0 19.4

71 34.8 27.5 41.3

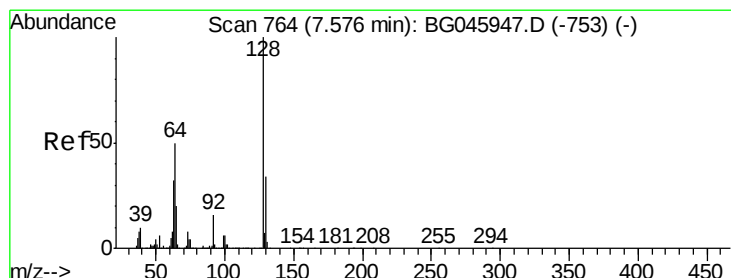
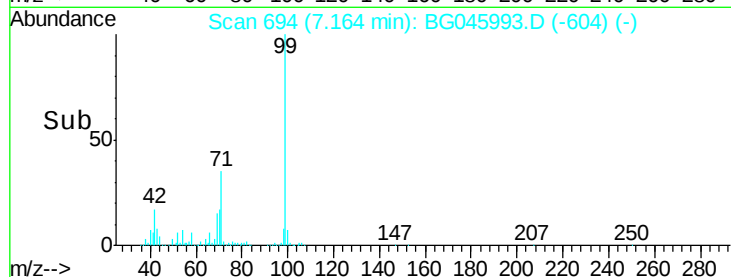
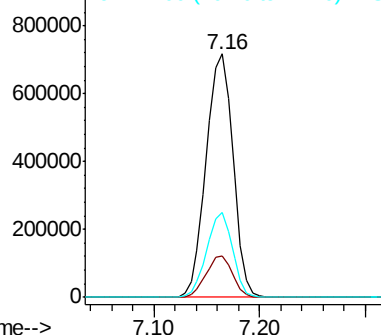
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 9.288 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

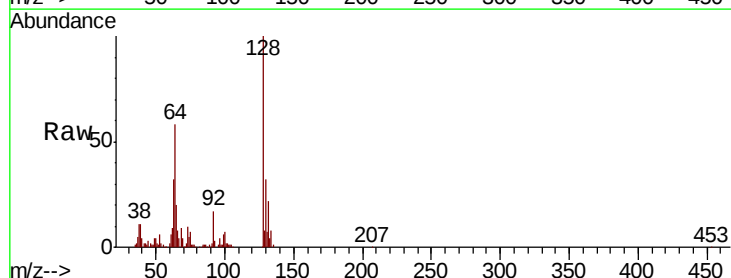
Tgt Ion: 128 Resp: 86066

Ion Ratio Lower Upper

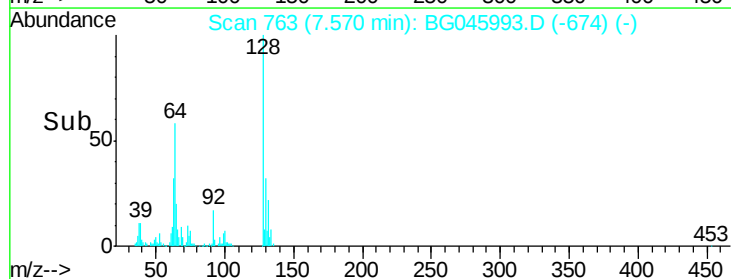
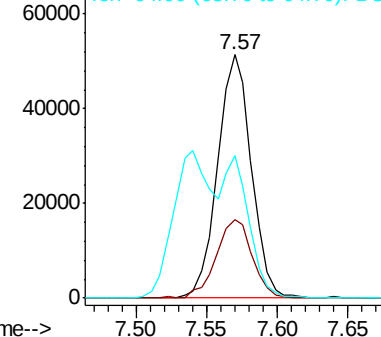
128 100

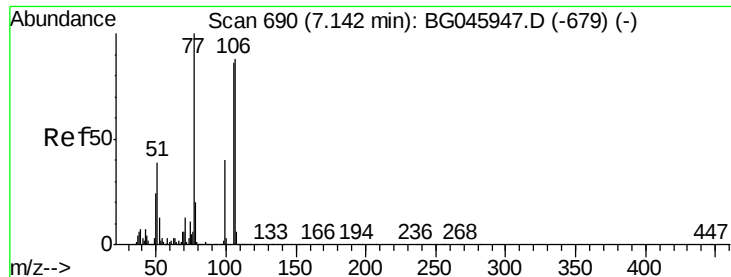
130 32.4 13.6 53.6

64 58.5 30.6 70.6



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





#9

Benzaldehyde

Concen: 13.067 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

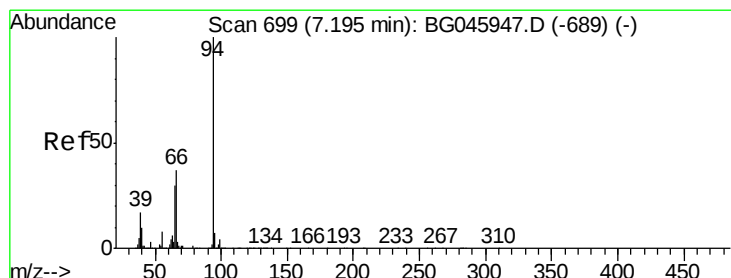
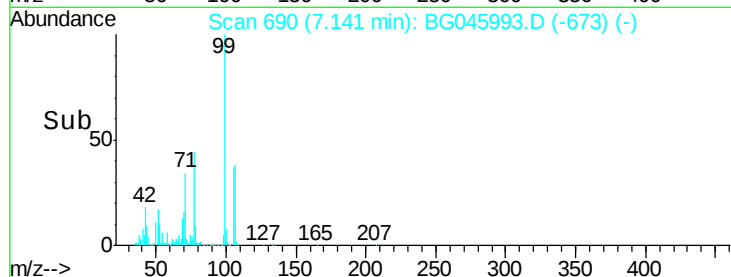
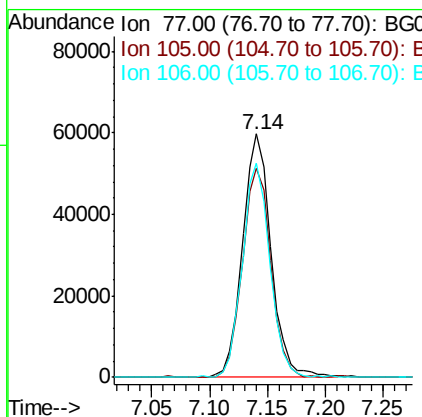
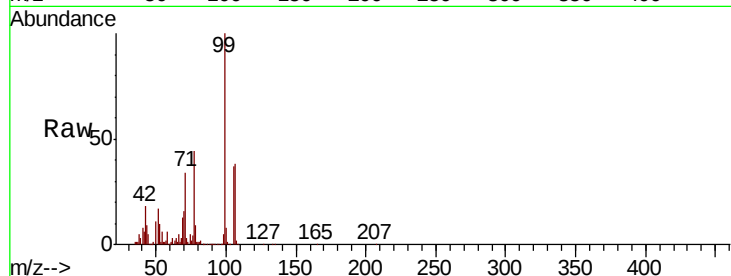
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	77	Resp:	102601
Ion Ratio	Lower	Upper	
77	100		
105	85.8	66.0	106.0
106	88.2	67.7	107.7

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#10

Phenol

Concen: 9.495 ng

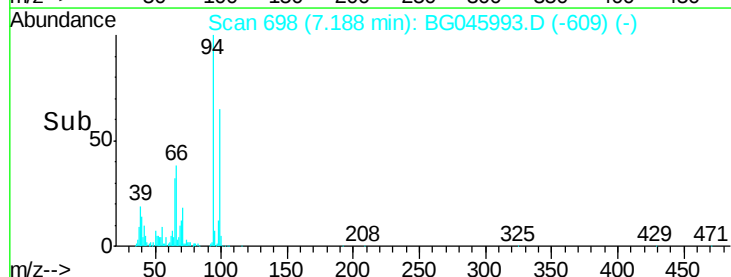
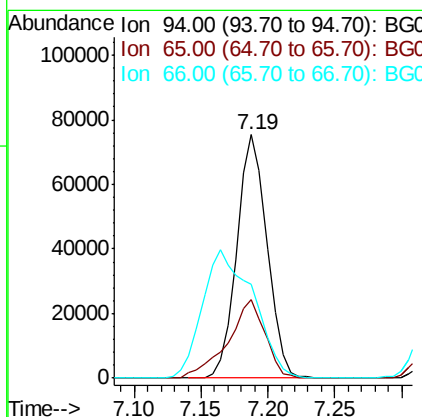
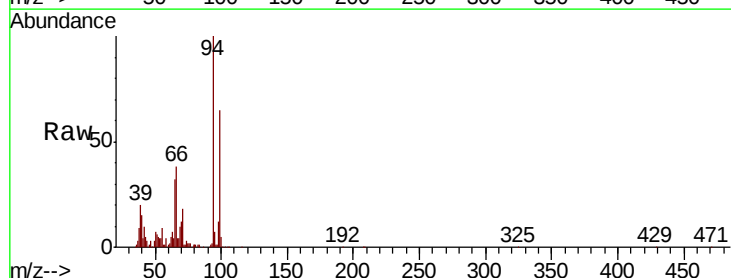
RT: 7.19 min Scan# 698

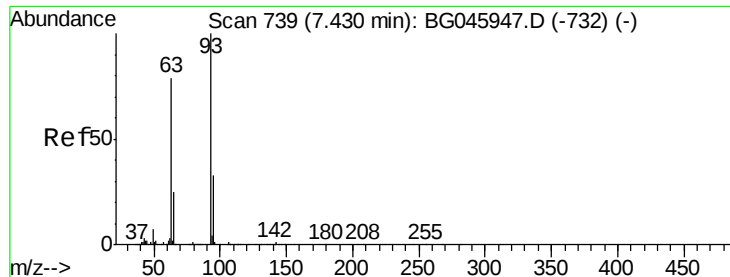
Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion:	94	Resp:	118039
Ion Ratio	Lower	Upper	
94	100		
65	32.3	10.6	50.6
66	38.4	17.1	57.1





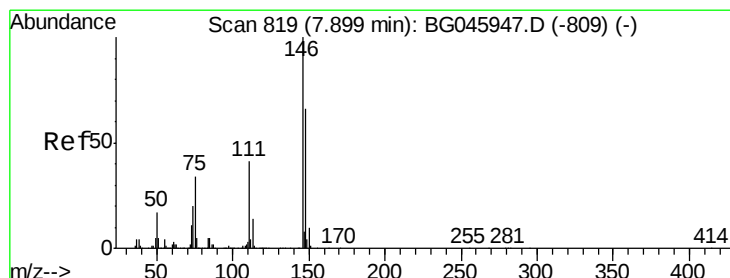
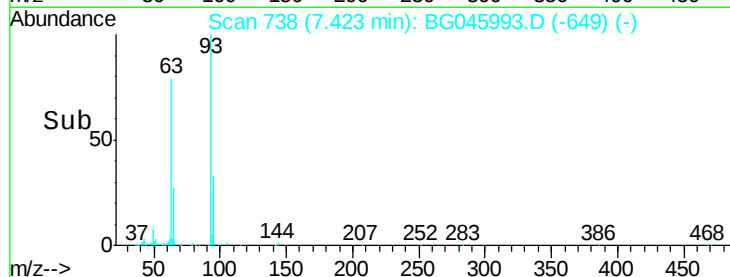
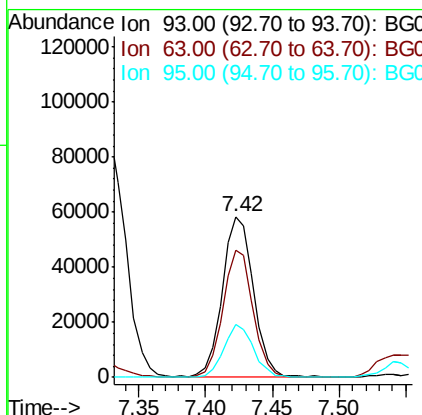
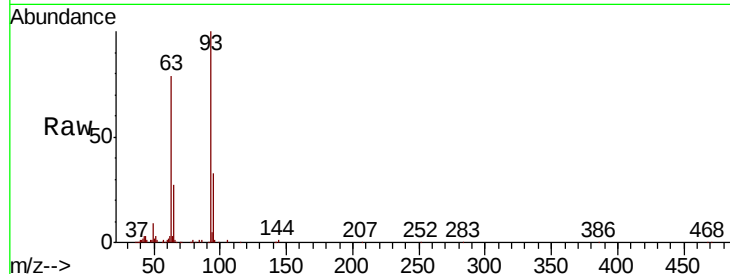
#11
bis(2-Chloroethyl)ether
Concen: 9.202 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	79.3	58.6	98.6	
95	33.1	13.3	53.3	

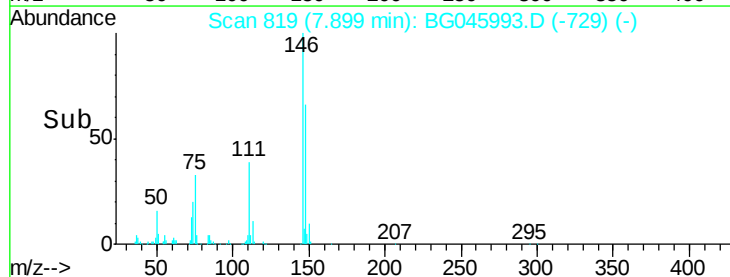
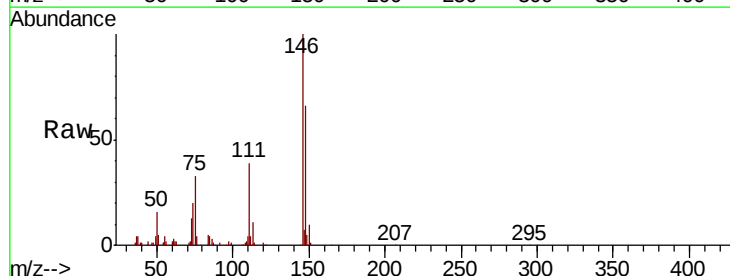
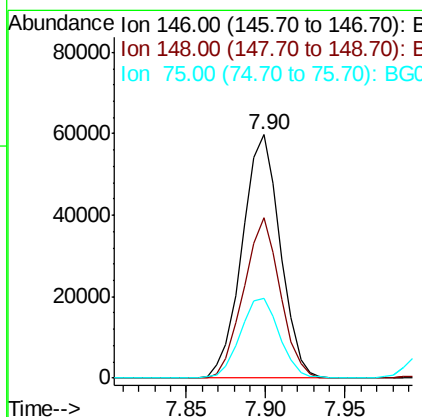
Manual Integrations
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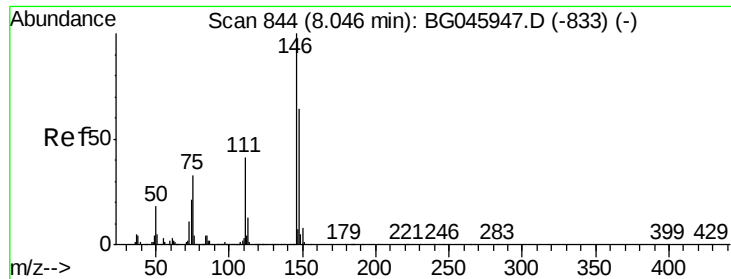
mohammad
7/10/2020 11:47:13 AM



#12
1,3-Dichlorobenzene
Concen: 9.311 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.7	52.8	79.2	
75	33.0	27.2	40.8	





#13

1,4-Dichlorobenzene

Concen: 9.485 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

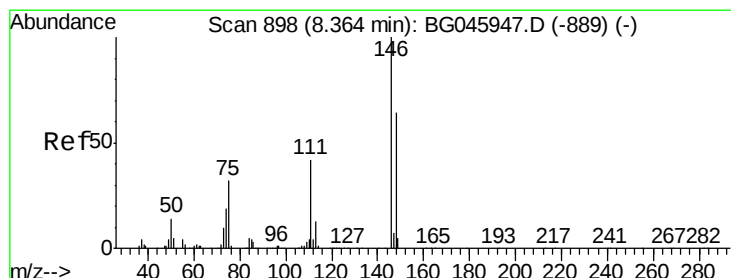
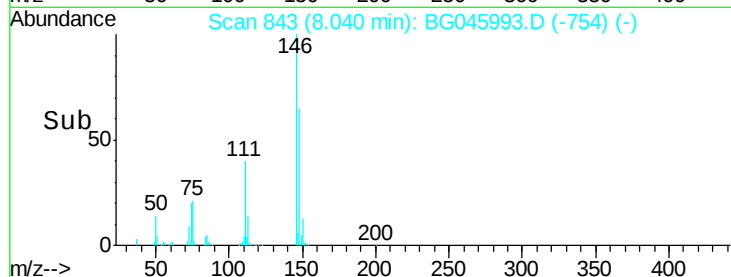
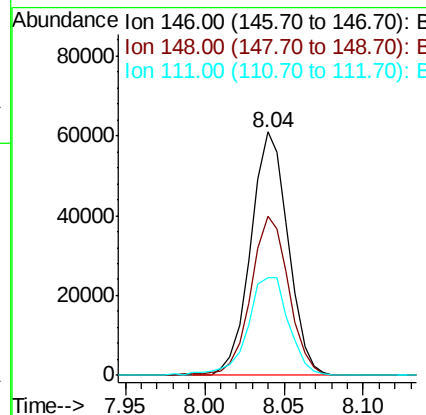
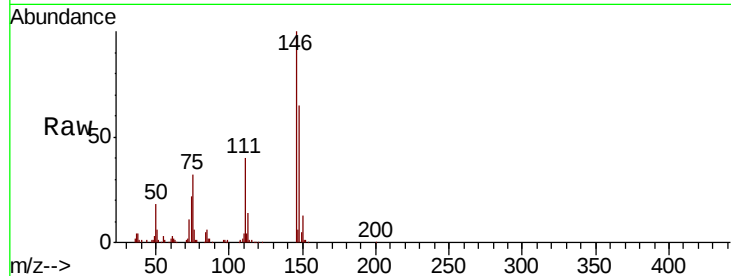
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	146	Resp:	99661
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.7	77.5
111	40.0	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 9.326 ng

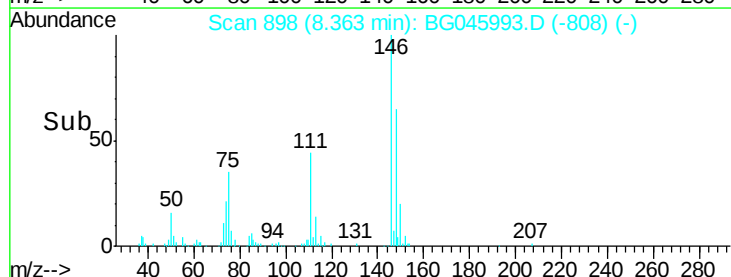
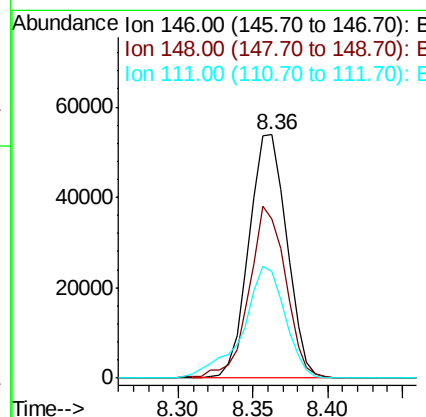
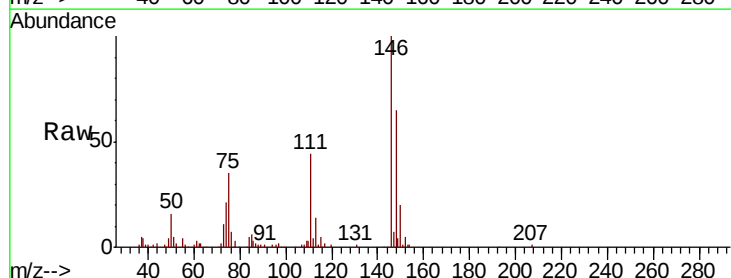
RT: 8.36 min Scan# 898

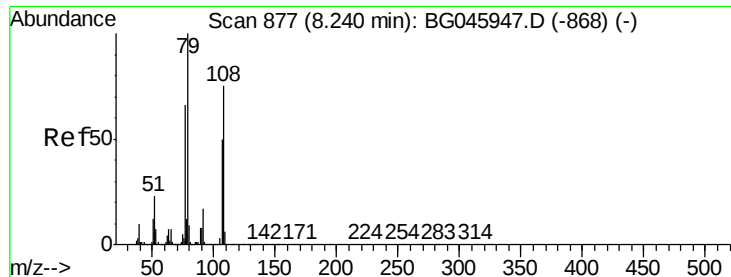
Delta R.T. -0.00 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion:	146	Resp:	94309
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.6	77.4
111	43.8	34.0	51.0





#15

Benzyl Alcohol

Concen: 9.110 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

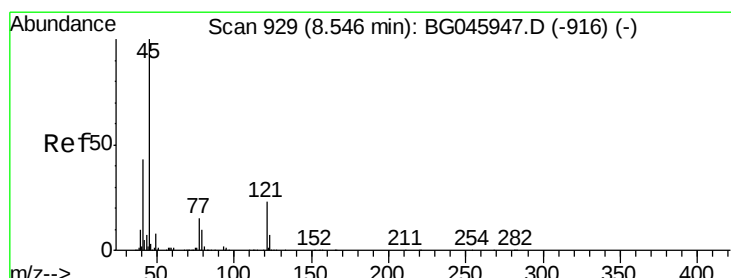
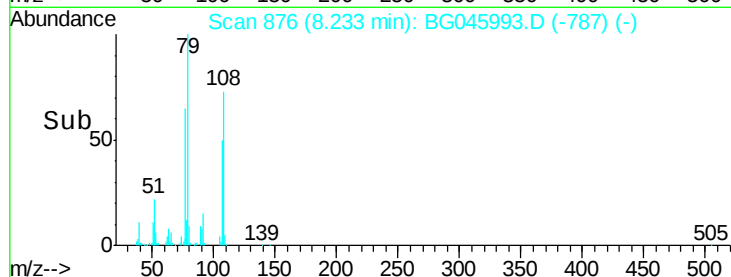
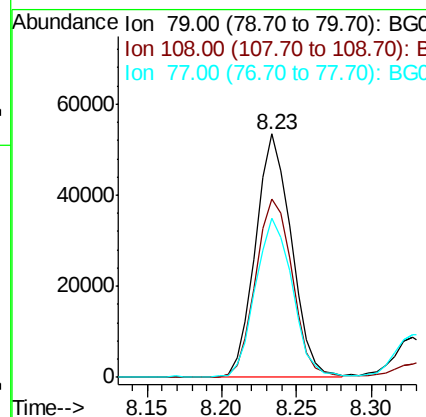
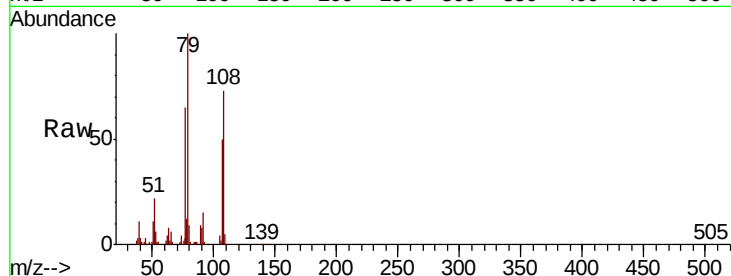
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	79	Resp:	88525
Ion Ratio	Lower	Upper	
79	100		
108	73.1	60.2	90.4
77	65.2	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.332 ng

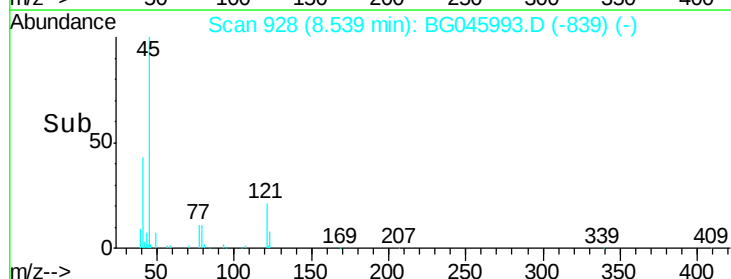
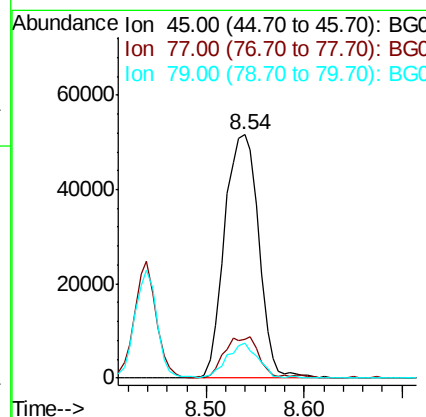
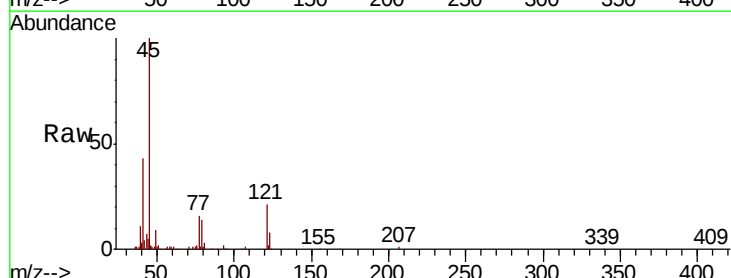
RT: 8.54 min Scan# 928

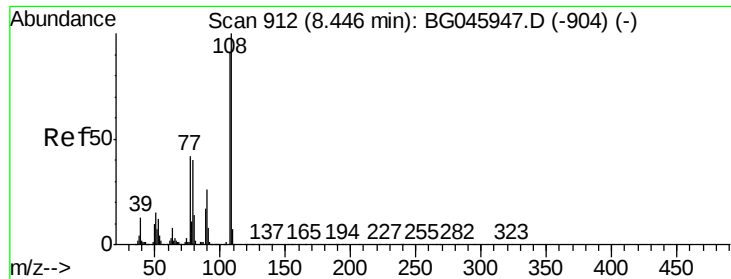
Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion:	45	Resp:	125168
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	37.6
79	14.4	0.0	32.6





#17

2-Methylphenol

Concen: 8.431 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

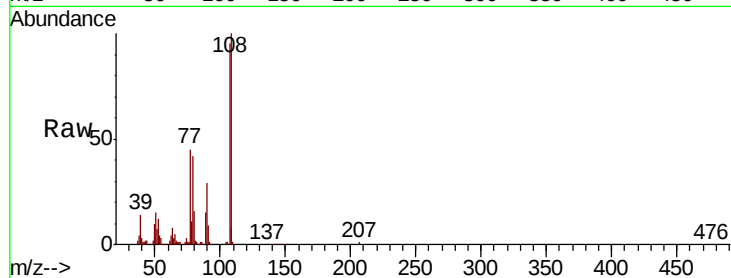
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.3	88.2	132.4	
77	47.9	37.0	55.4	
79	44.3	35.4	53.0	

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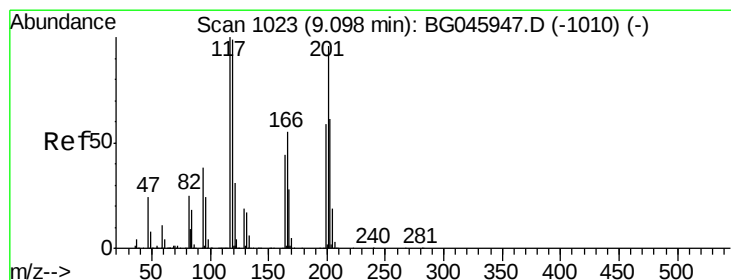
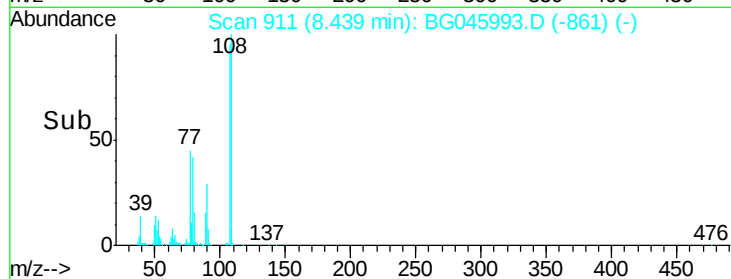
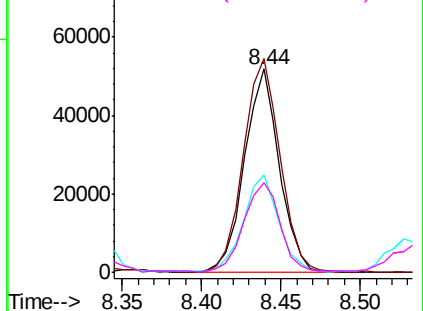
Abundance

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: 9.716 ng

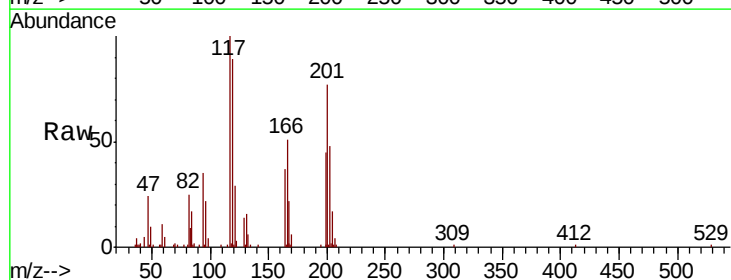
RT: 9.09 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.3	79.5	119.3	
201	77.4	77.0	115.4	

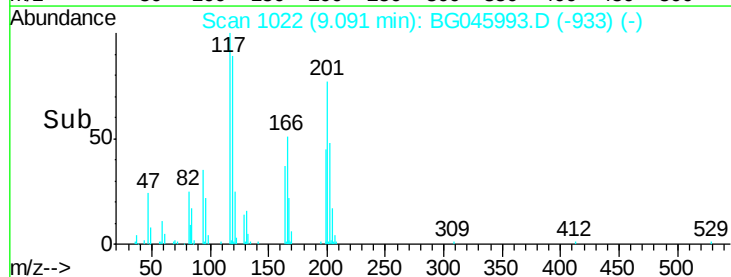
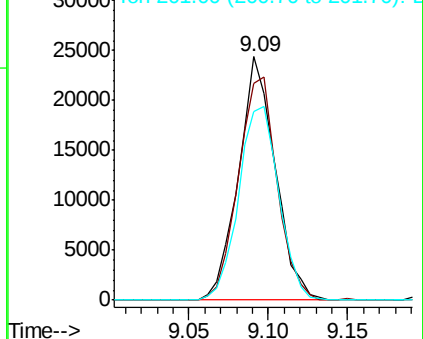


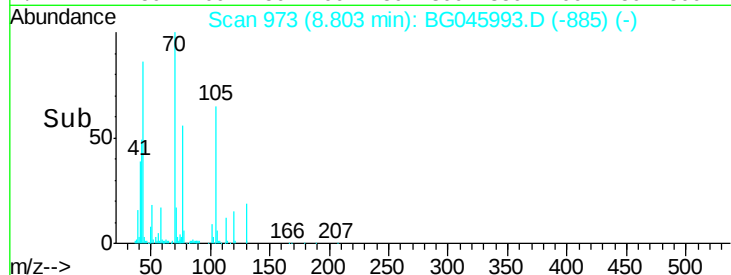
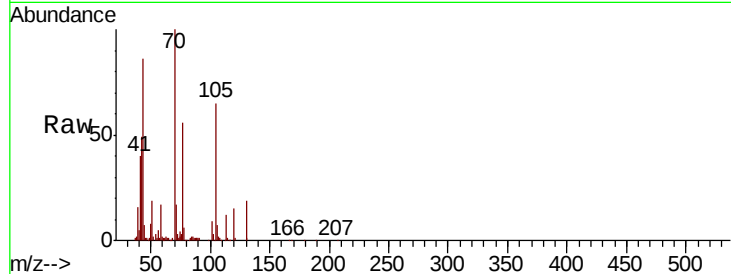
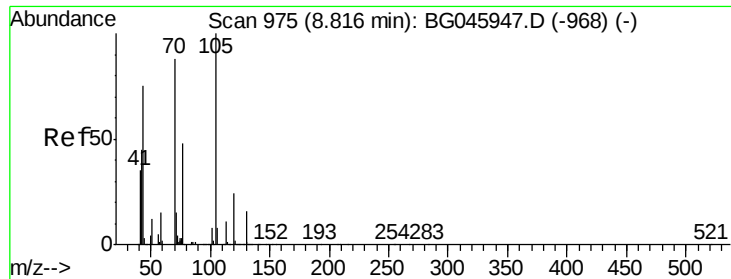
Abundance

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





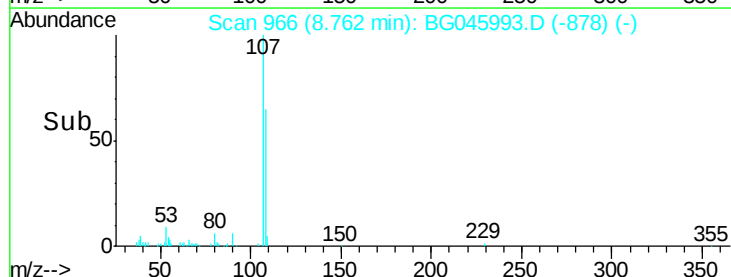
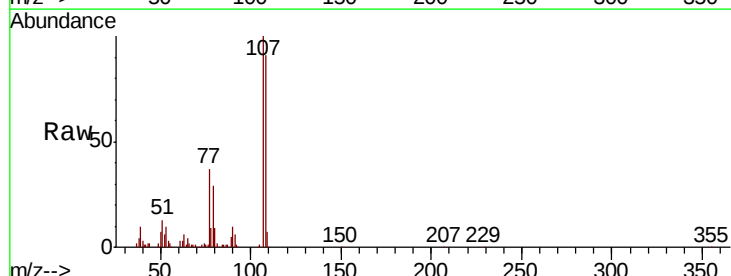
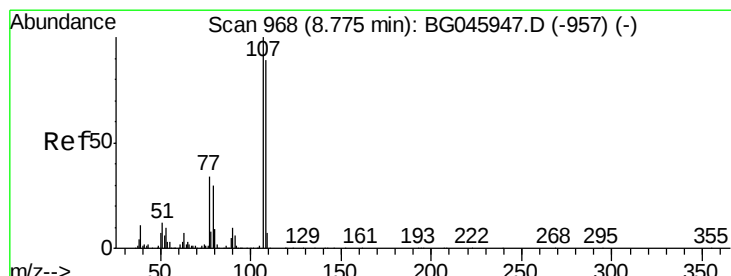
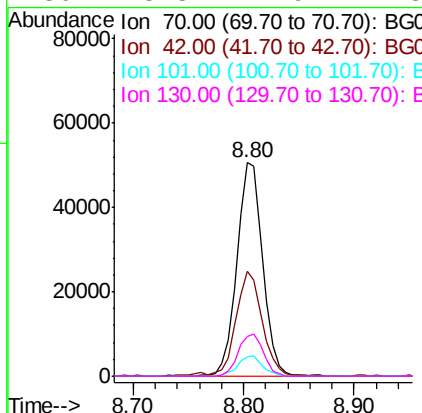
#19
n-Nitroso-di-n-propylamine
Concen: 9.547 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	48.9	41.4	62.0		
101	9.3	7.1	10.7		
130	18.8	14.9	22.3		

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

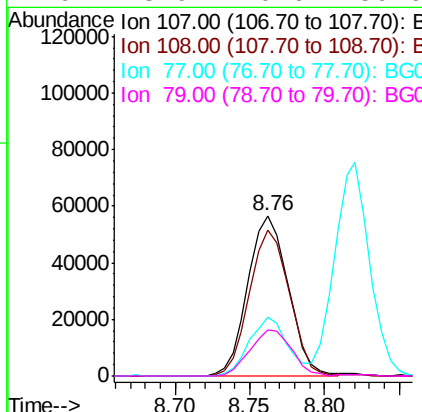
Manual Integrations
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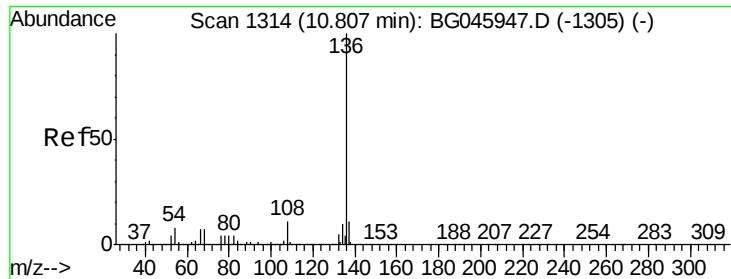
mohammad
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#20
3+4-Methylphenols
Concen: 8.373 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.6	68.7	108.7		
77	37.1	14.6	54.6		
79	28.9	10.6	50.6		





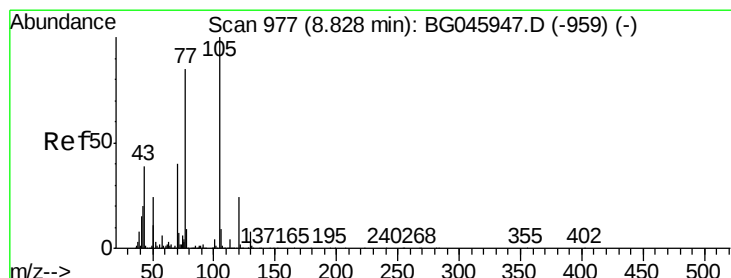
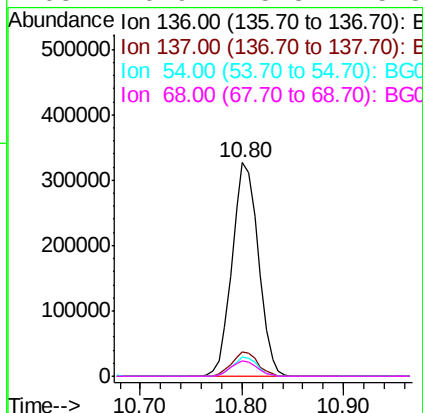
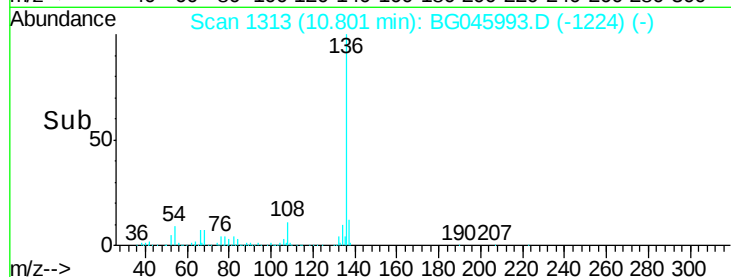
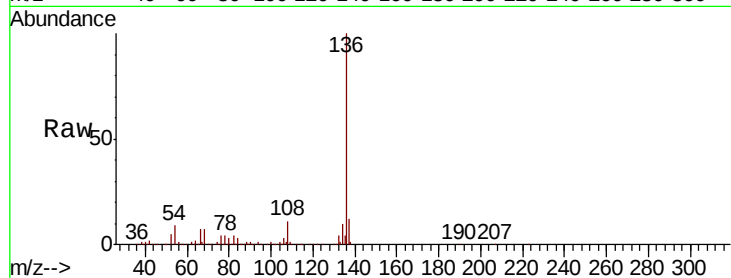
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	587538		
137	11.6		9.2	13.8
54	9.0		6.2	9.4
68	6.9		5.8	8.8

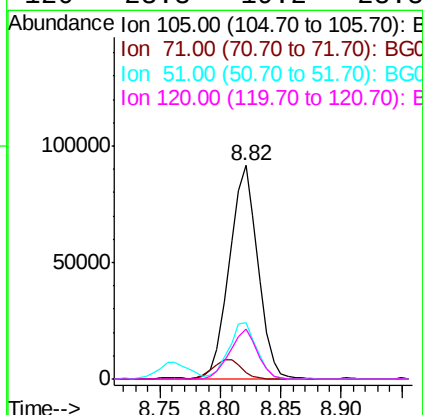
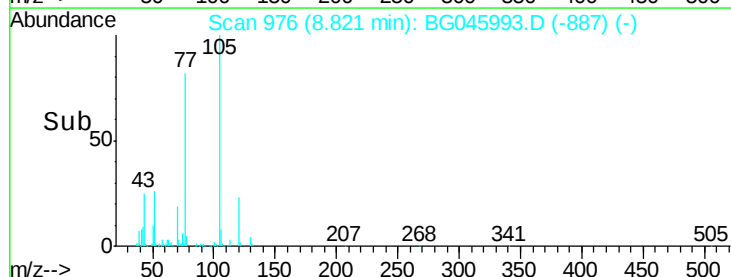
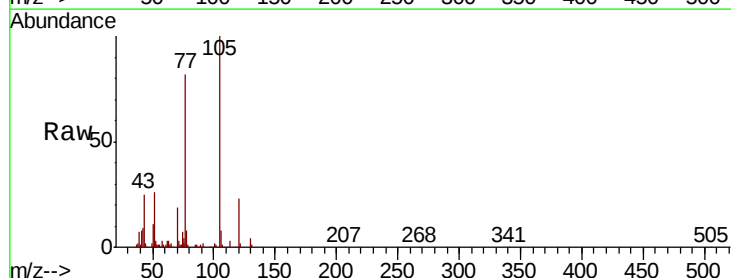
Manual Integrations
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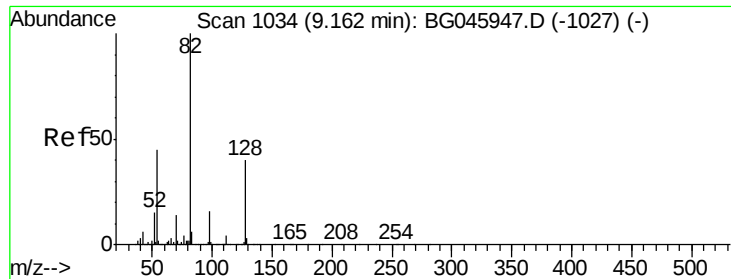
mohammad
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#22
Acetophenone
Concen: 9.579 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	150346		
71	2.7		6.2	9.2#
51	26.3		19.7	29.5
120	23.3		19.2	28.8





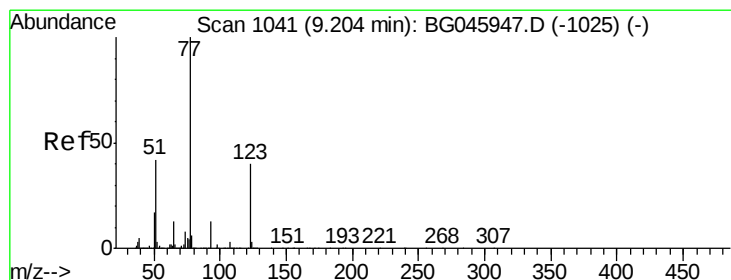
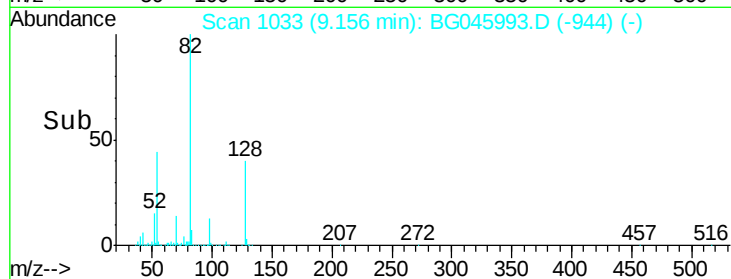
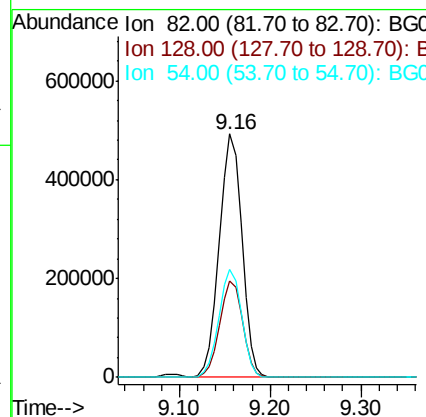
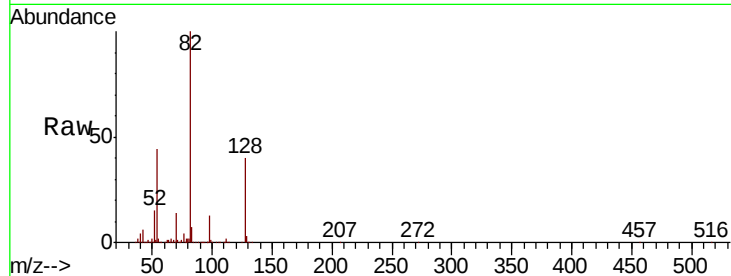
#23
 Nitrobenzene-d5
 Concen: 83.784 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.2	48.4
54	44.5	35.8	53.6

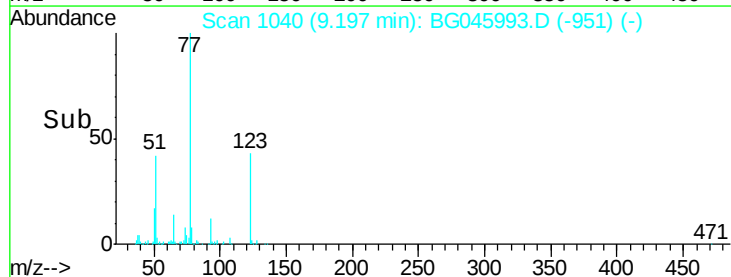
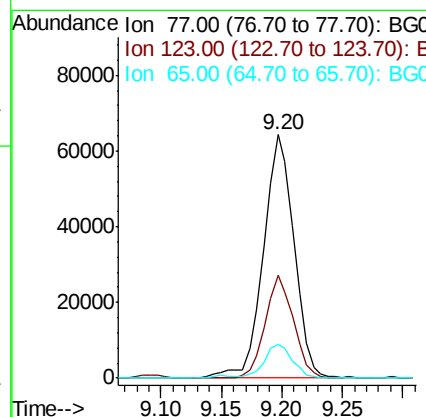
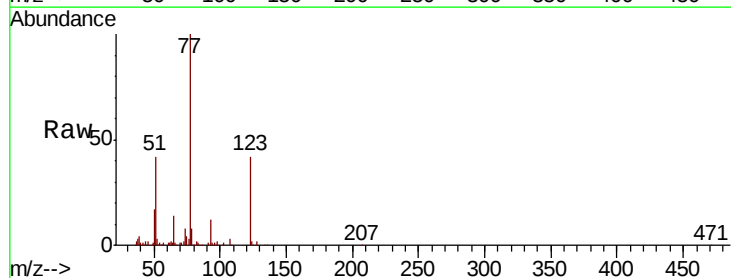
Manual Integrations
 APPROVED

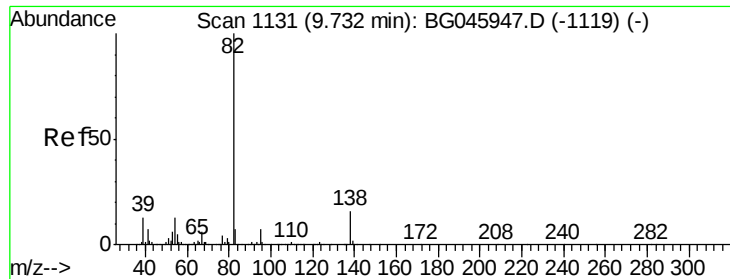
mohammad
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#24
 Nitrobenzene
 Concen: 10.004 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	32.7	49.1
65	13.8	10.2	15.4





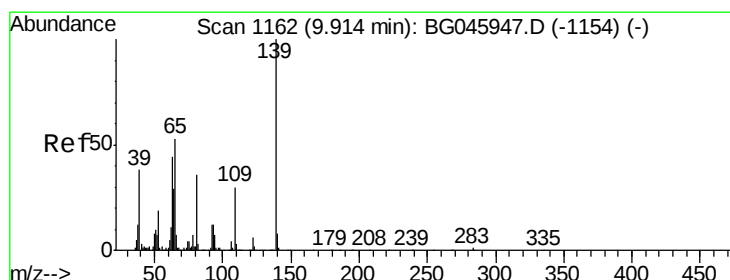
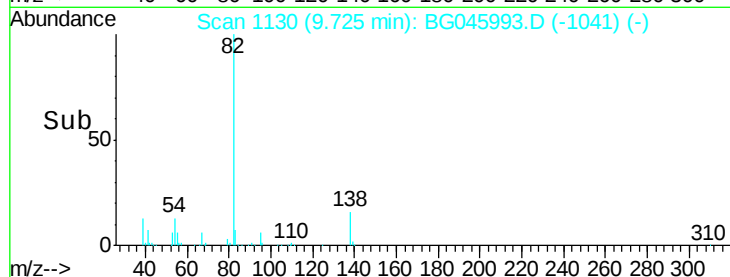
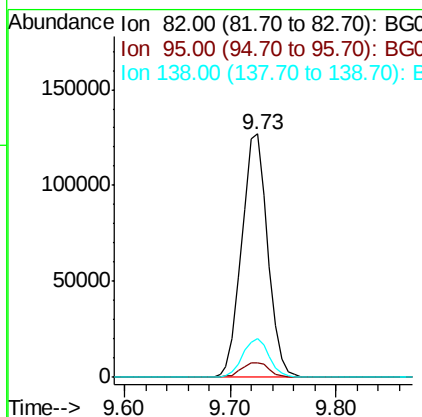
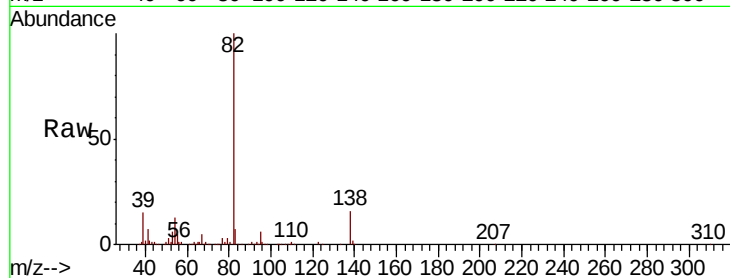
#25
Isophorone
Concen: 8.712 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	5.8	5.8	8.6
138	15.9	12.9	19.3

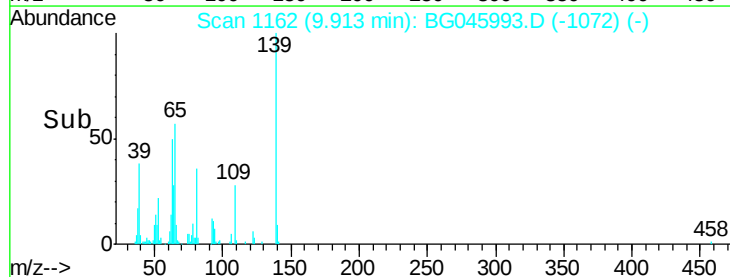
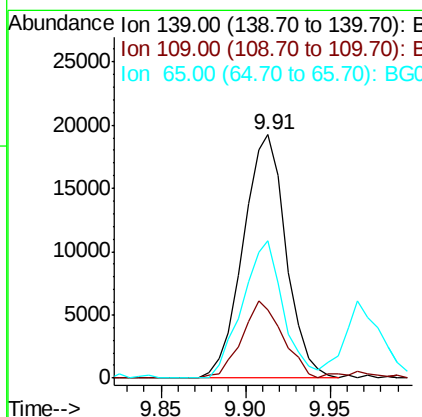
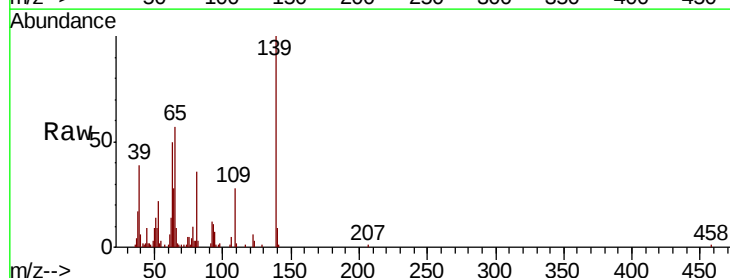
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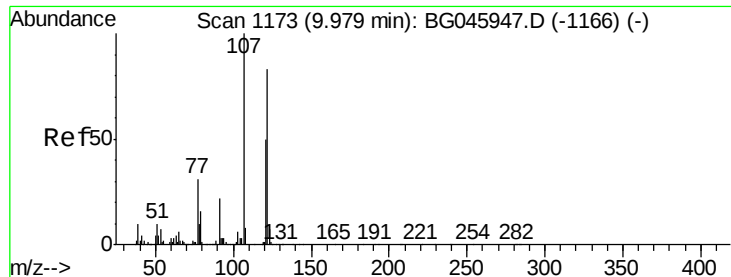
mohammad
7/10/2020 11:47:13 AM



#26
2-Nitrophenol
Concen: 9.189 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.3	24.6	37.0
65	56.5	42.6	64.0





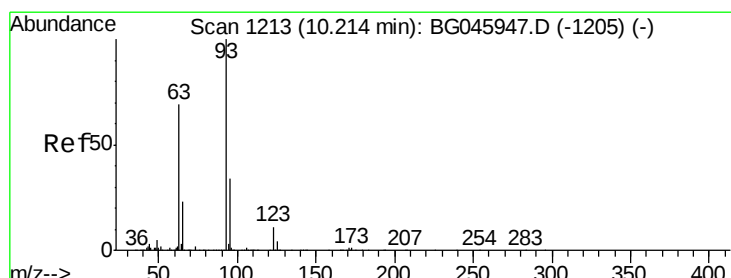
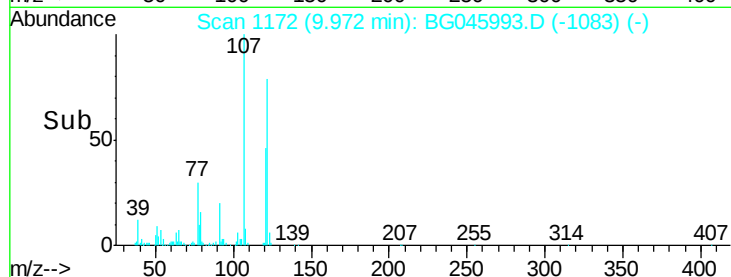
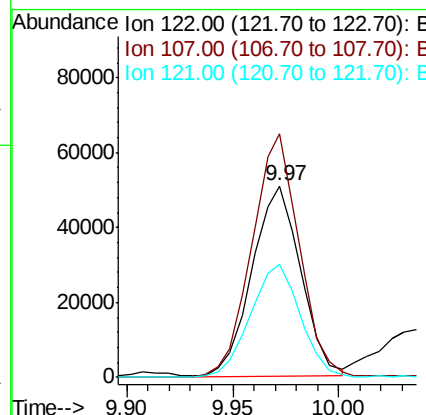
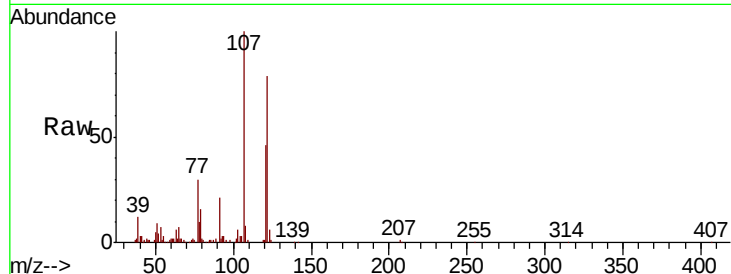
#27
2,4-Dimethylphenol
Concen: 9.219 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.3	95.6	143.4
121	58.9	47.7	71.5

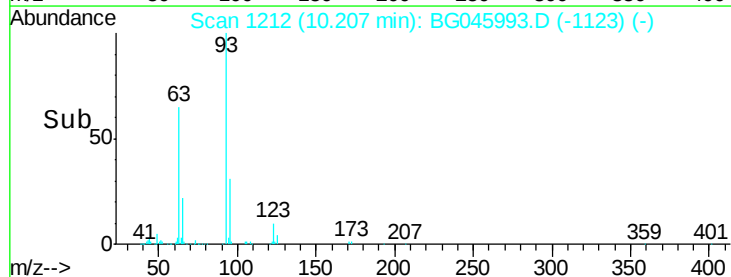
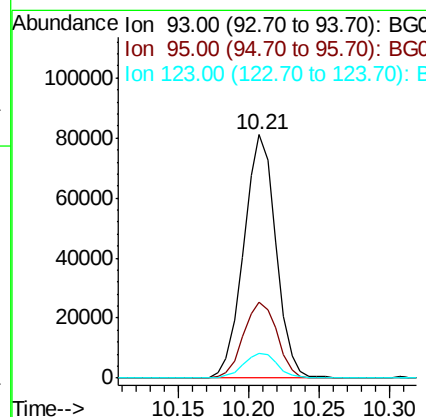
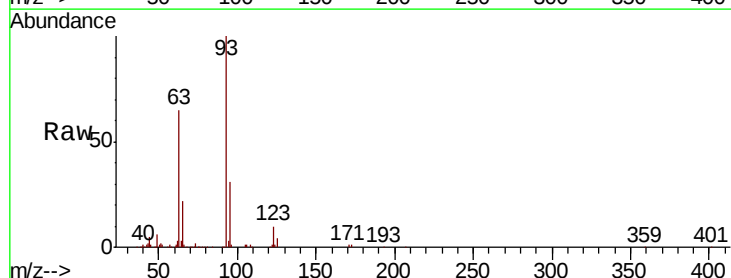
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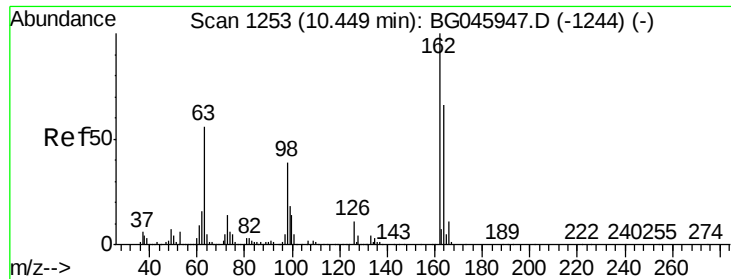
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 9.248 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	27.5	41.3
123	10.0	9.2	13.8





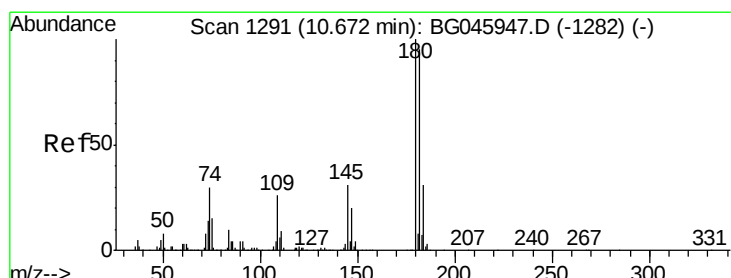
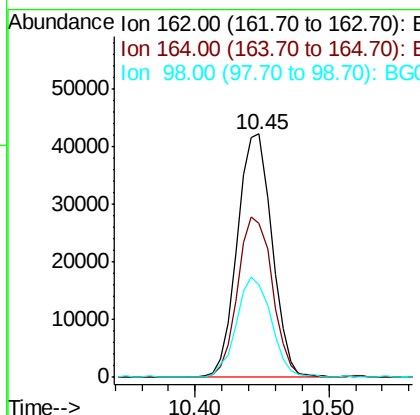
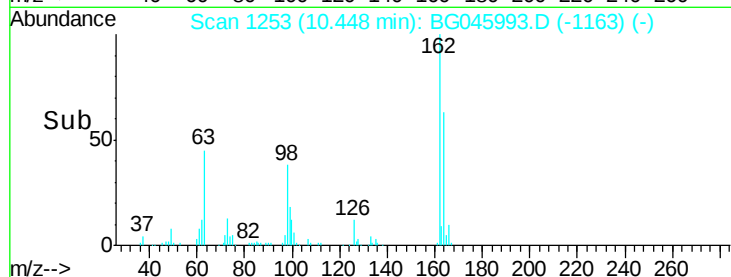
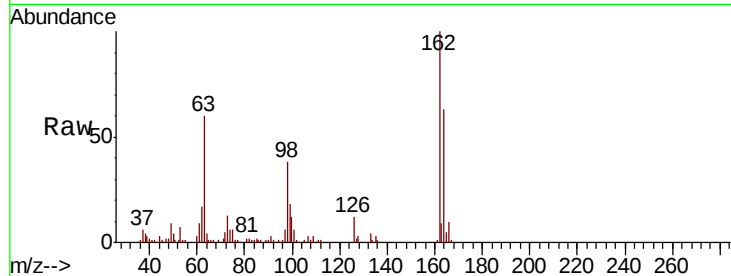
#29
 2,4-Dichlorophenol
 Concen: 8.275 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.0	86.0
98	37.8	19.2	59.2

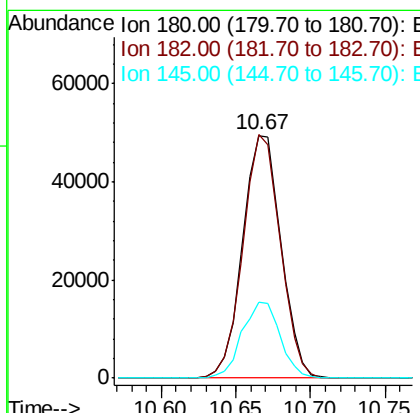
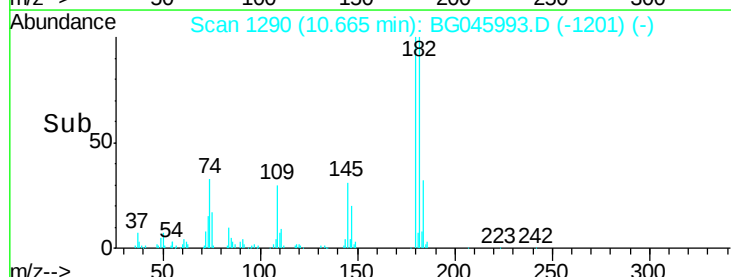
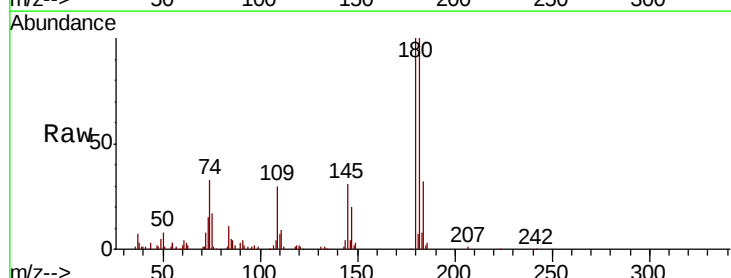
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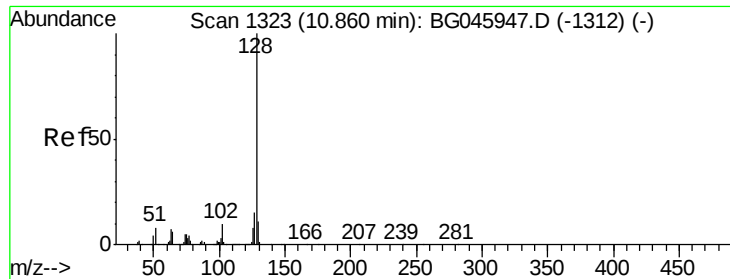
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 8.657 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	76.3	114.5
145	31.4	24.8	37.2





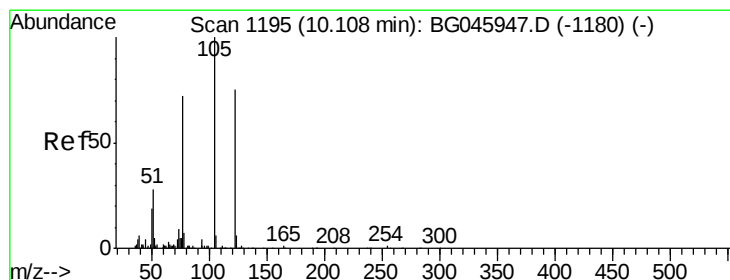
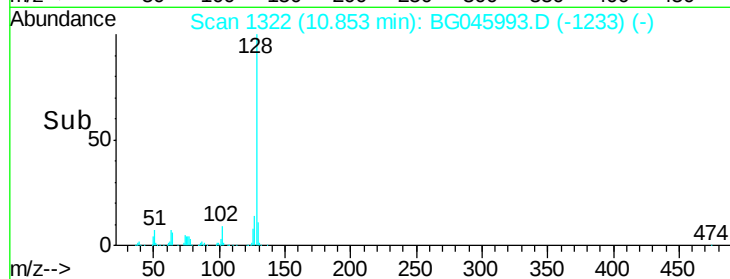
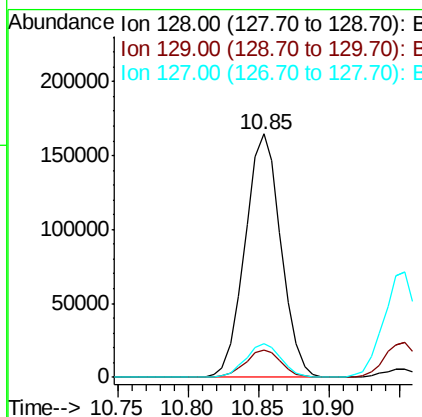
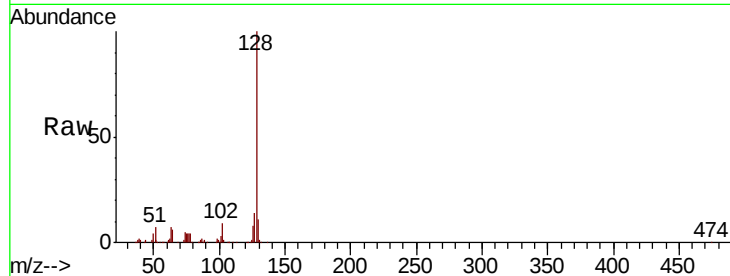
#31
Naphthalene
Concen: 9.303 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.6	11.8	17.6

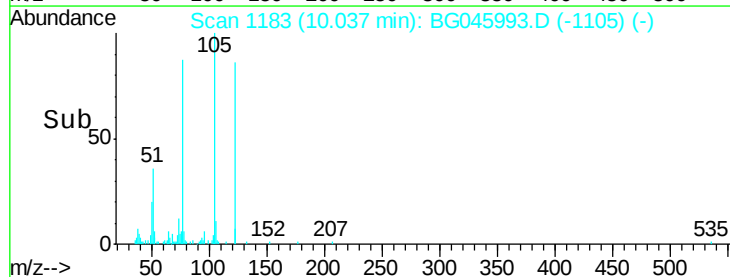
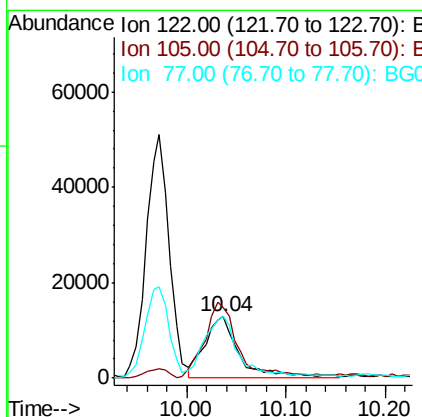
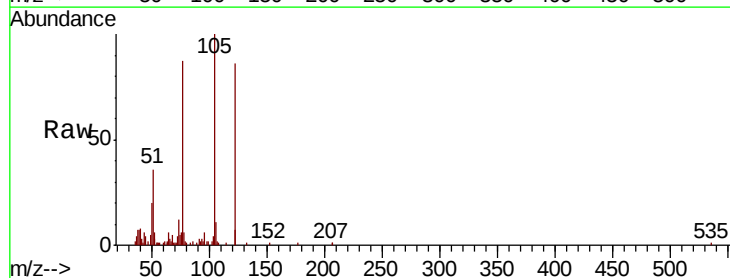
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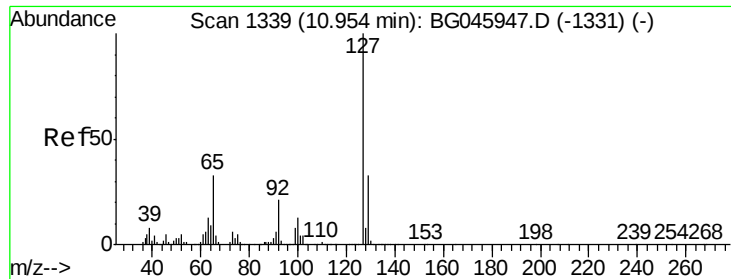
mohammad
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#32
Benzoic acid
Concen: 6.605 ng m
RT: 10.04 min Scan# 1183
Delta R.T. -0.07 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.8	110.8	150.8
77	101.3	76.4	116.4





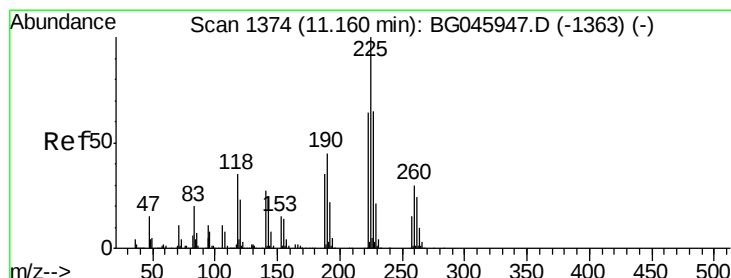
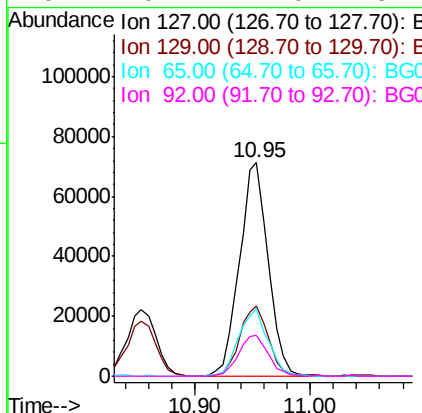
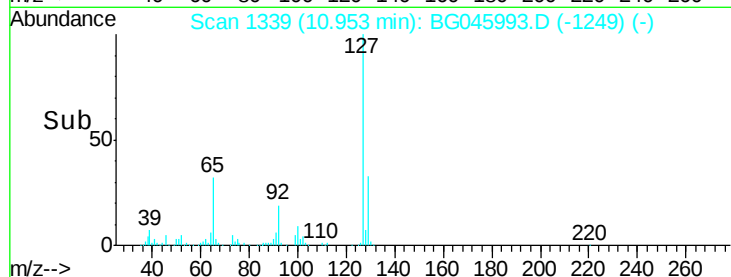
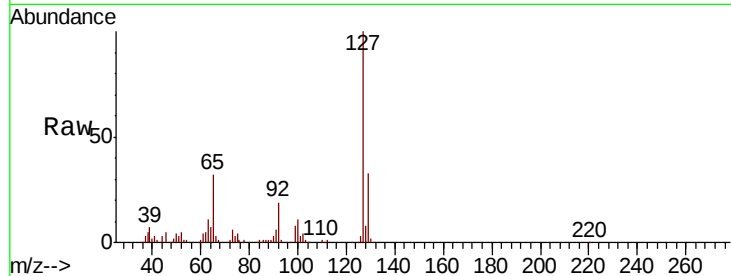
#33
4-Chloroaniline
Concen: 8.741 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.6	39.8		
65	32.0	26.8	40.2		
92	19.2	17.0	25.4		

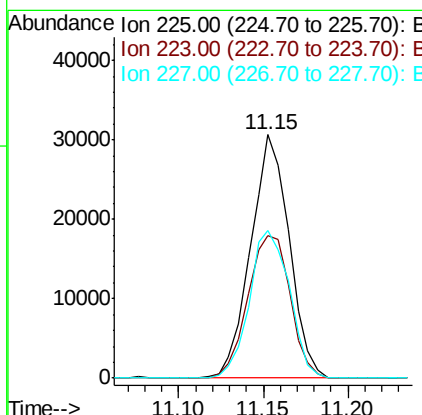
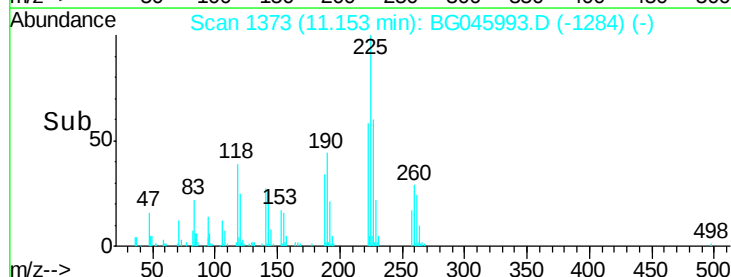
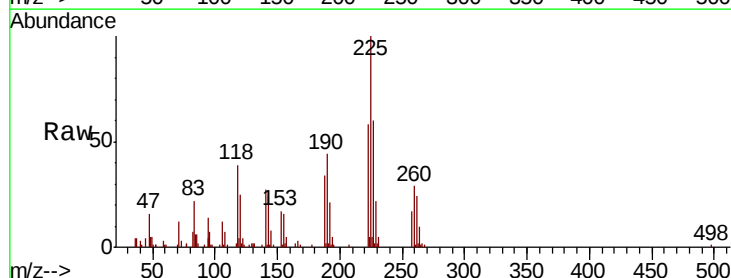
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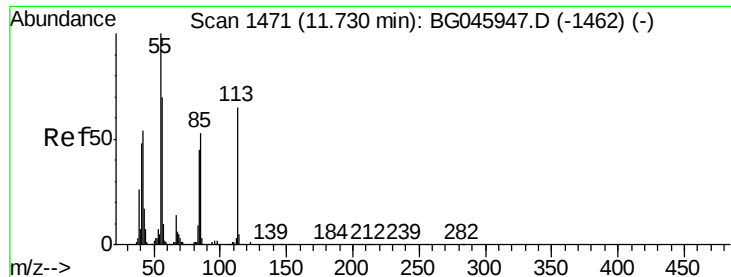
mohammad
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#34
Hexachlorobutadiene
Concen: 8.167 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	58.4	51.2	76.8		
227	60.5	52.3	78.5		





#35

Caprolactam

Concen: 7.996 ng

RT: 11.69 min Scan# 1464

Delta R.T. -0.04 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

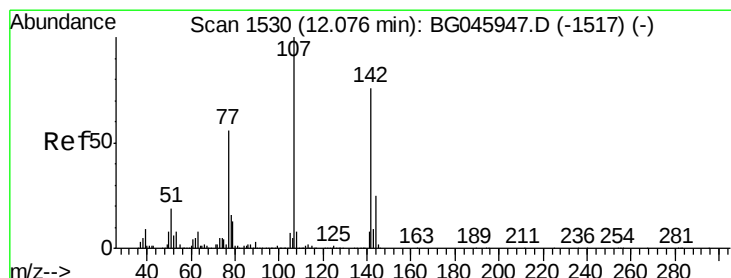
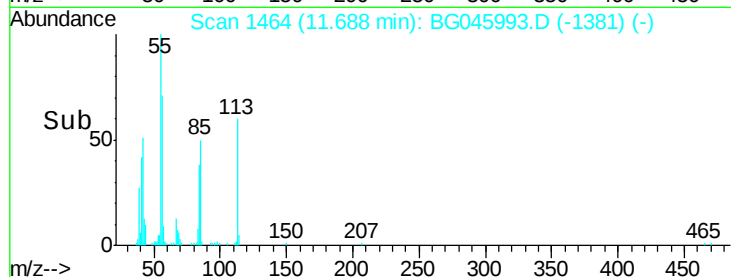
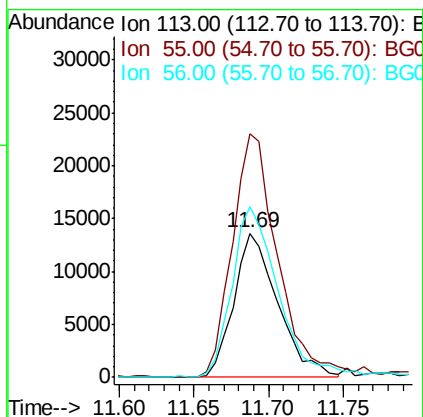
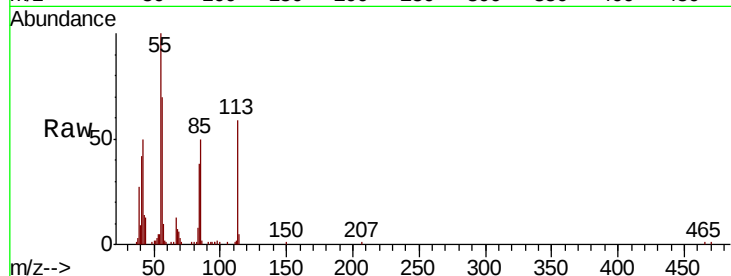
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	113	Resp:	27875
Ion	Ratio	Lower	Upper
113	100		
55	168.9	141.6	181.6
56	118.8	89.6	129.6

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#36

4-Chloro-3-methylphenol

Concen: 8.580 ng

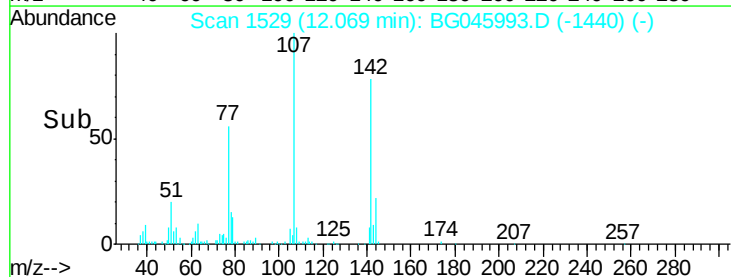
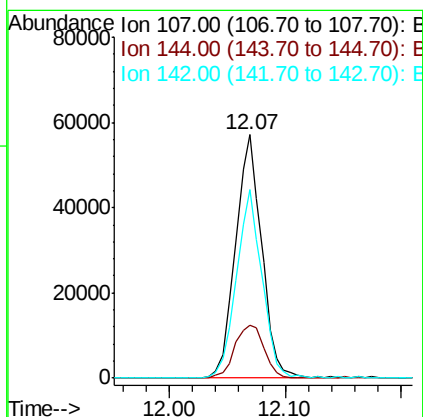
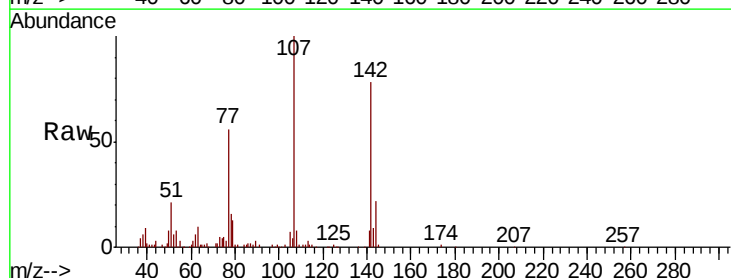
RT: 12.07 min Scan# 1529

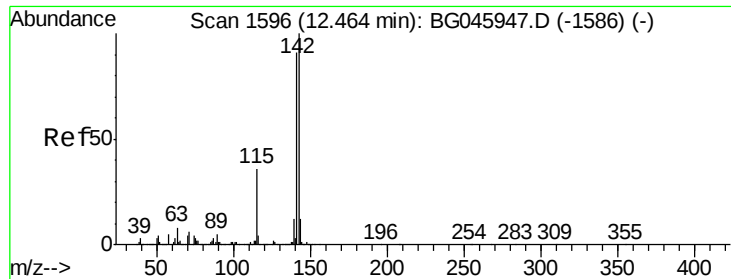
Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion:	107	Resp:	89728
Ion	Ratio	Lower	Upper
107	100		
144	21.5	20.0	30.0
142	77.5	61.1	91.7





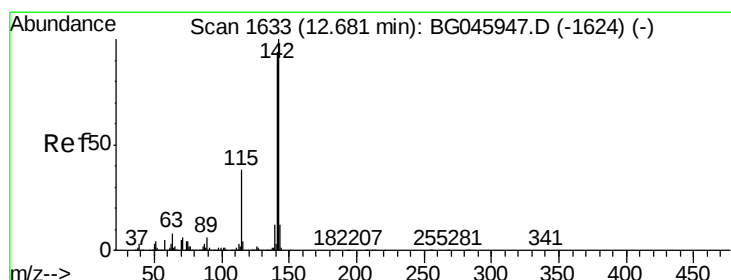
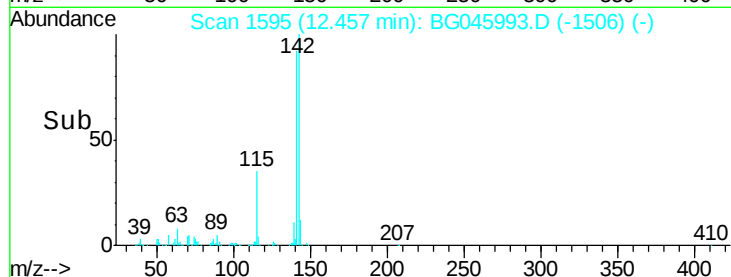
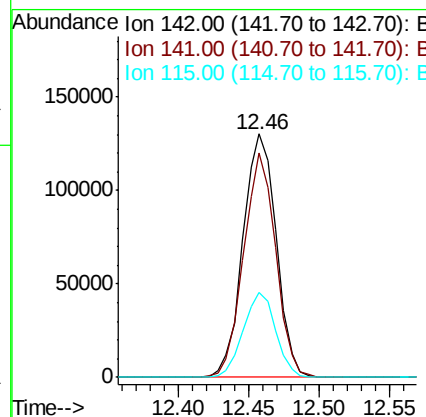
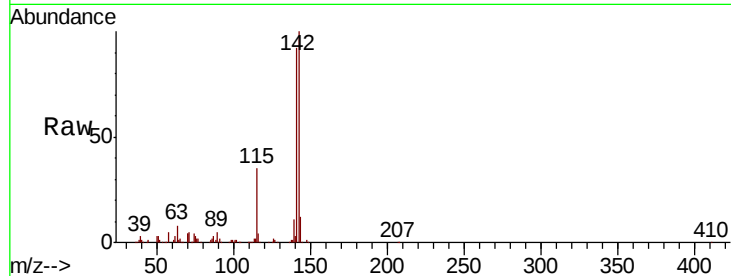
#37
2-Methylnaphthalene
Concen: 9.593 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	214784		
141	92.2	73.0	109.6	
115	34.9	28.8	43.2	

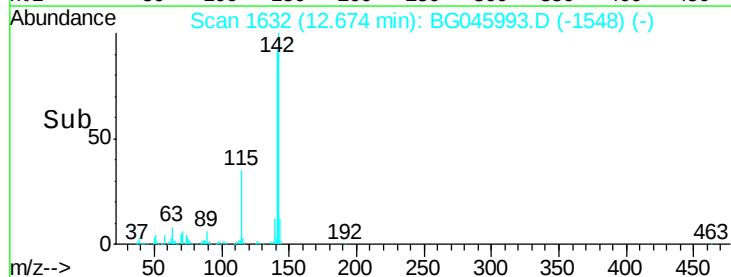
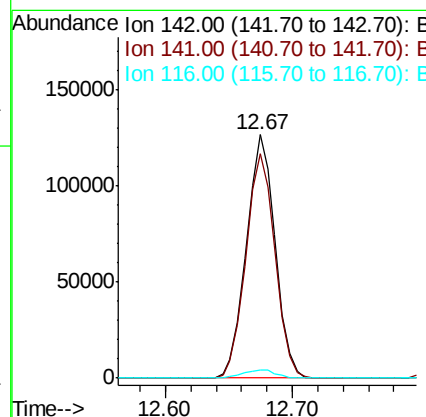
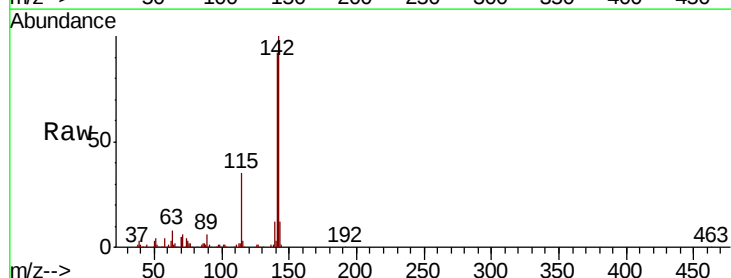
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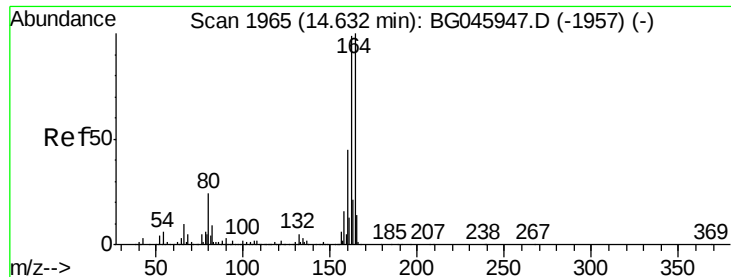
mohammad
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#38
1-Methylnaphthalene
Concen: 9.411 ng
RT: 12.67 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	198852		
141	92.1	75.2	112.8	
116	3.3	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: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

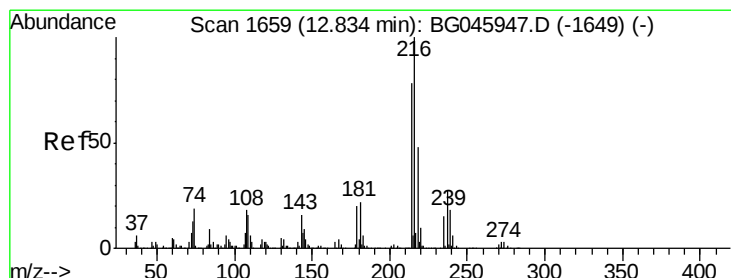
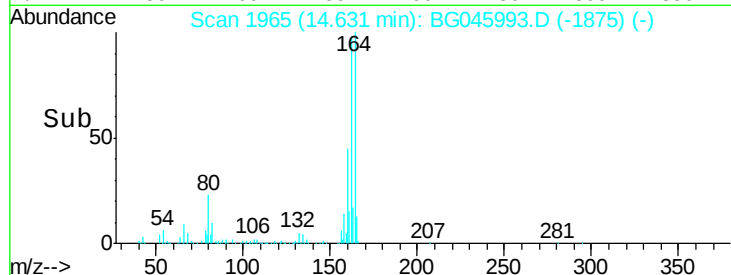
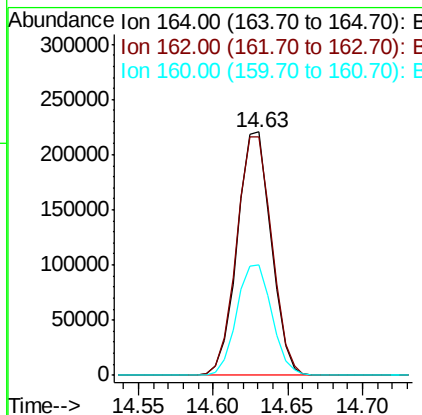
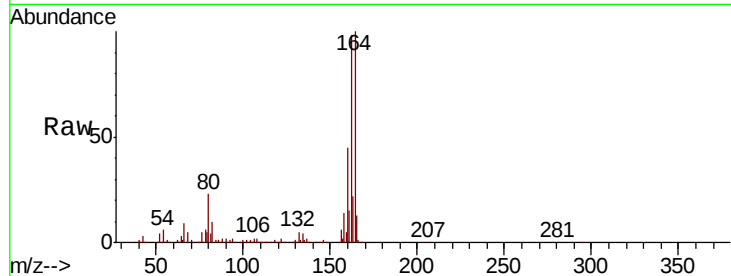
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	164	Resp:	348016
Ion Ratio	Lower	Upper	
164	100		
162	97.8	79.3	118.9
160	45.2	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.640 ng

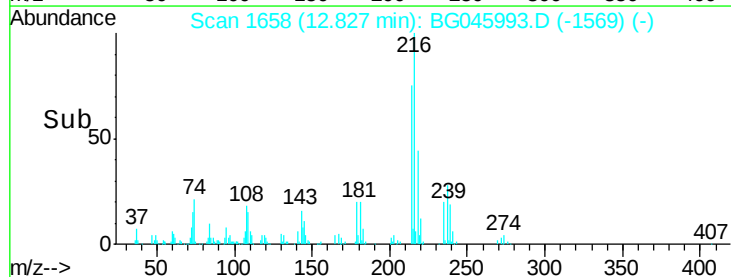
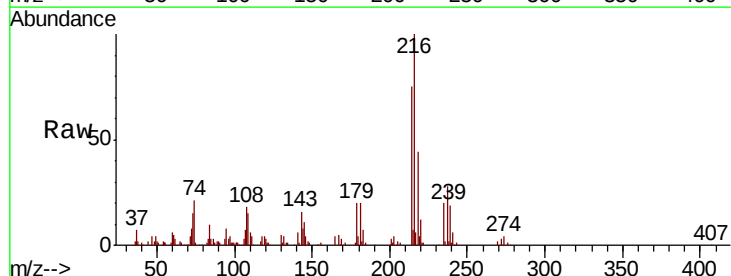
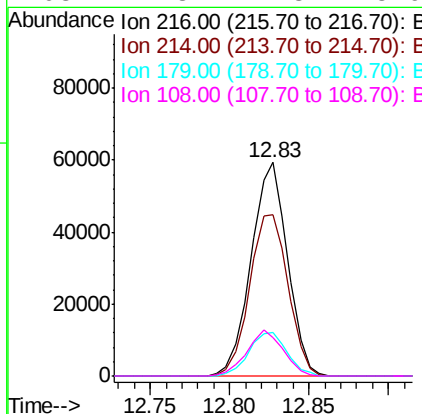
RT: 12.83 min Scan# 1658

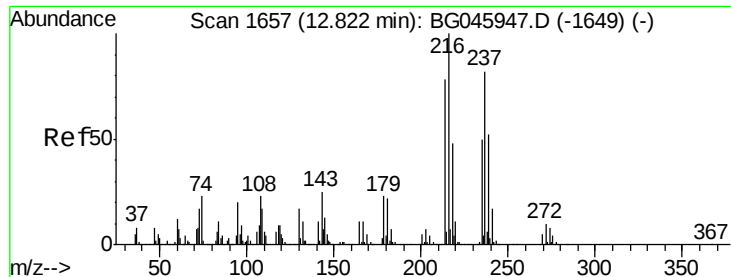
Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion:	216	Resp:	94570
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.0	94.4
179	21.5	17.0	25.6
108	21.3	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 8.873 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

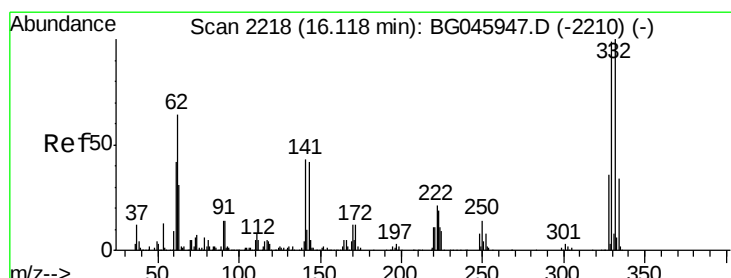
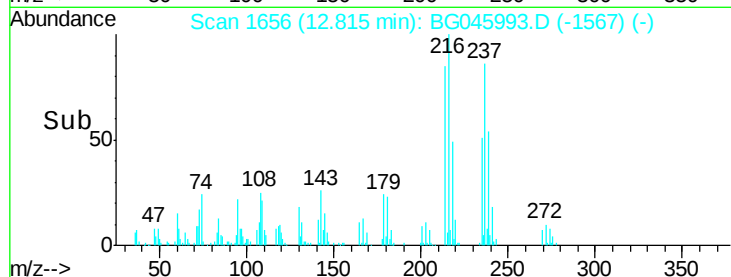
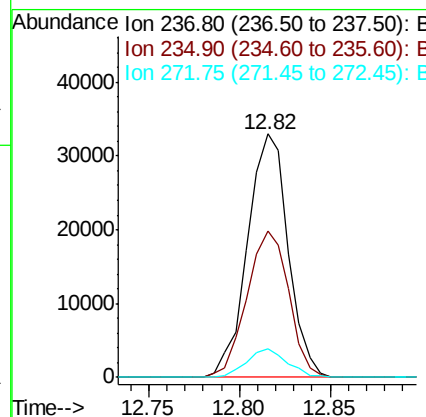
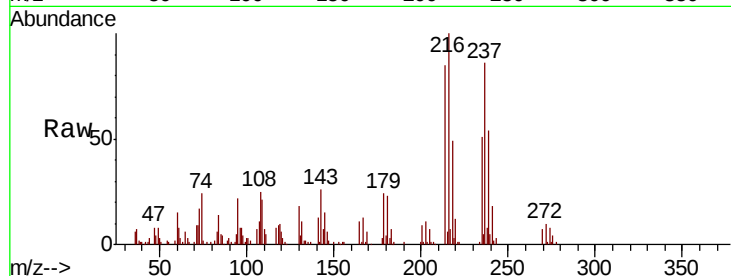
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	237	Resp:	51652
Ion Ratio	Lower	Upper	
237	100		
235	59.9	41.5	81.5
272	11.6	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 100.667 ng

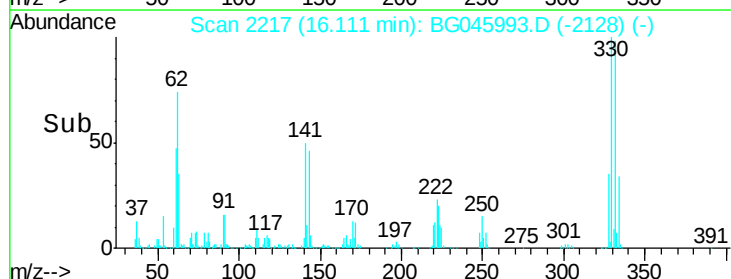
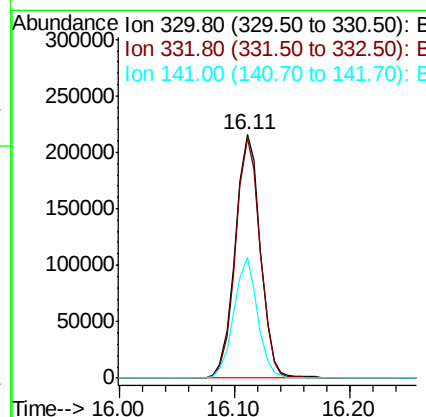
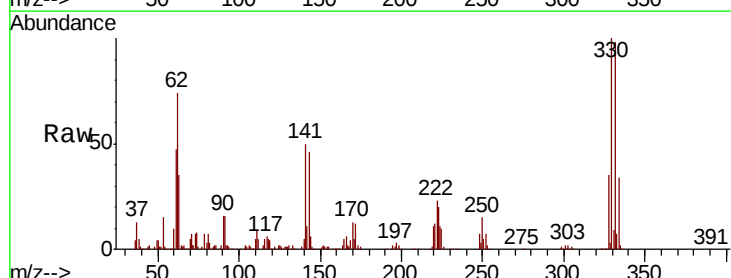
RT: 16.11 min Scan# 2217

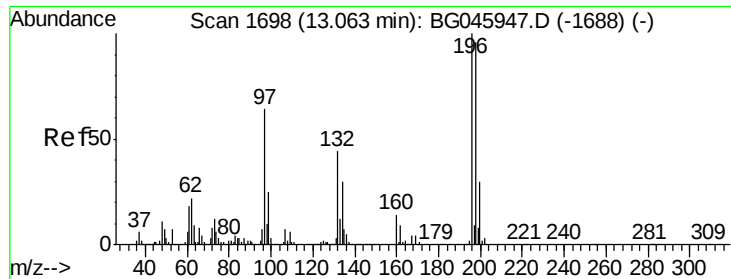
Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion:	330	Resp:	325151
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.3	117.5
141	46.6	36.6	54.8





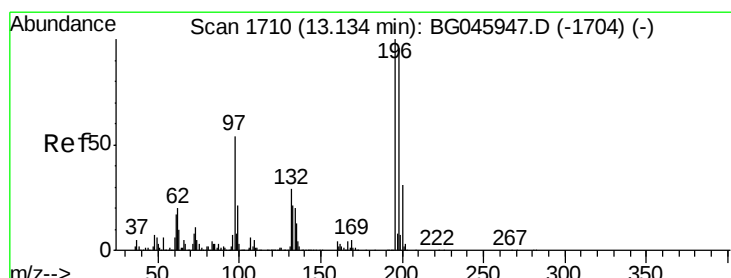
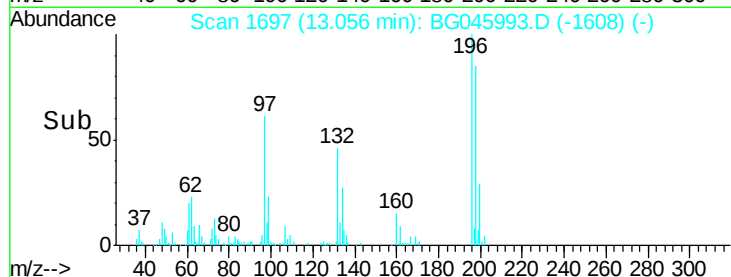
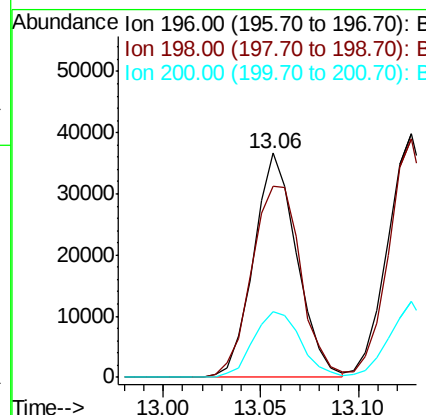
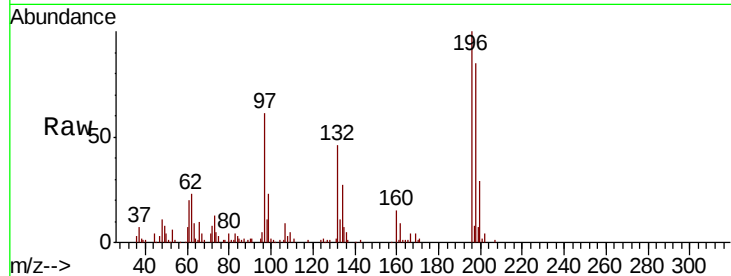
#43
2,4,6-Trichlorophenol
Concen: 8.471 ng
RT: 13.06 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	56200		
198	85.4	76.7	115.1	
200	29.2	24.3	36.5	

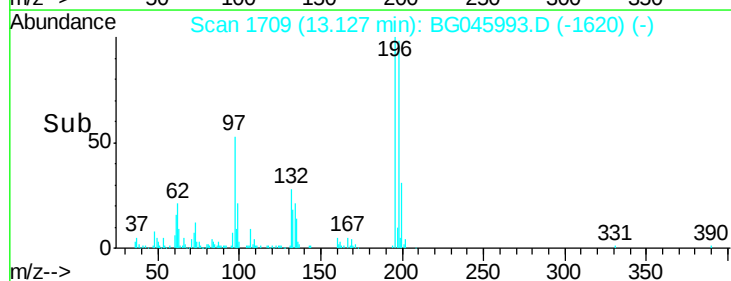
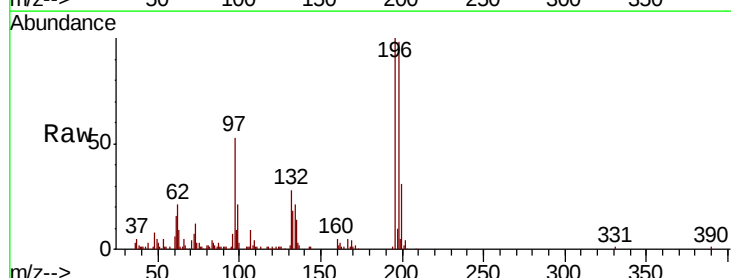
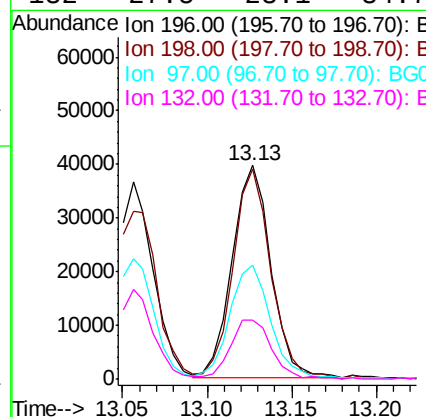
Manual Integrations
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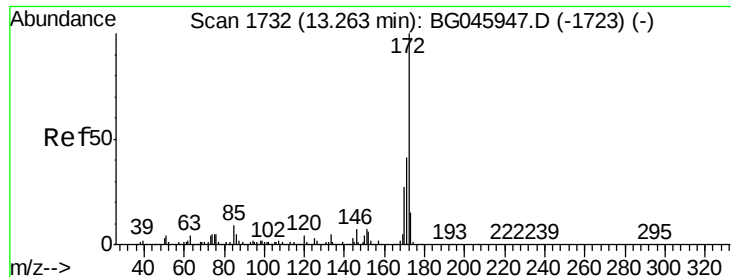
mohammad
7/10/2020 11:47:13 AM



#44
2,4,5-Trichlorophenol
Concen: 8.410 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	63091		
198	98.2	77.0	115.6	
97	53.3	44.3	66.5	
132	27.5	23.1	34.7	





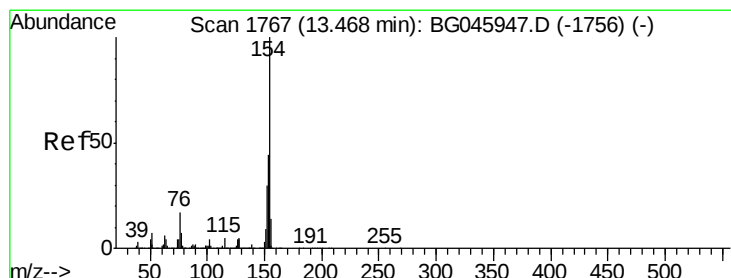
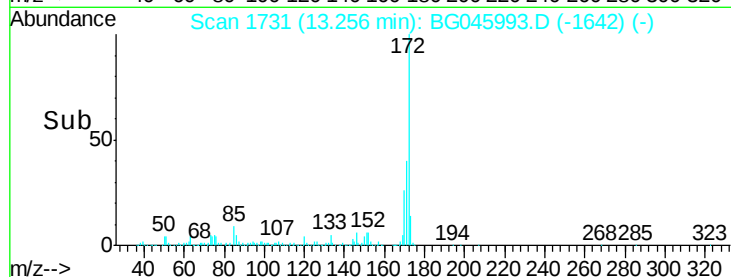
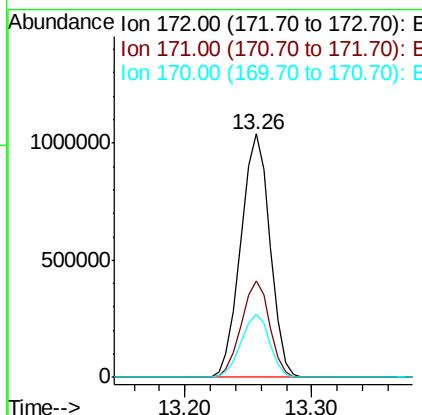
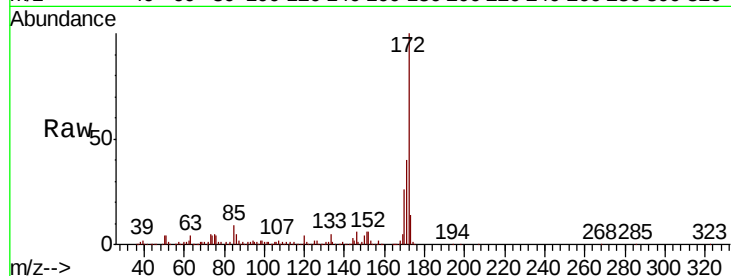
#45
2-Fluorobiphenyl
Concen: 74.336 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.9	49.3
170	26.0	21.8	32.6

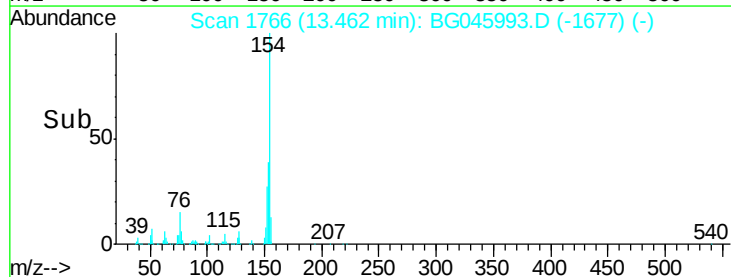
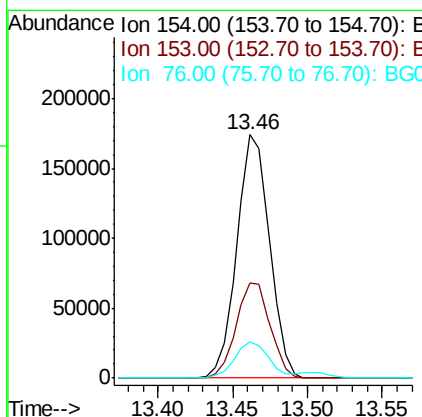
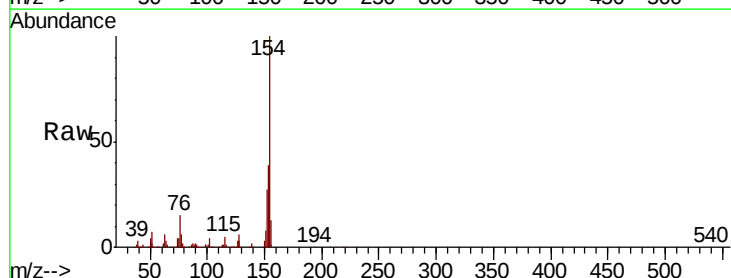
Manual Integrations
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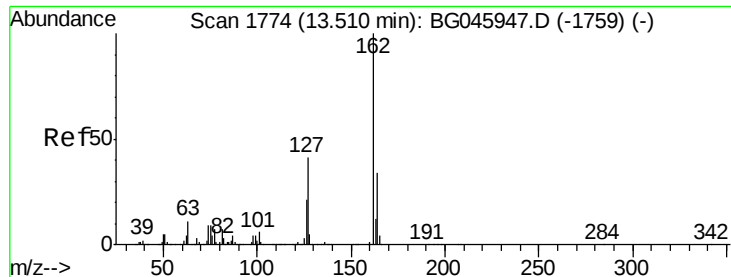
mohammad
7/10/2020 11:47:13 AM



#46
1,1'-Biphenyl
Concen: 10.091 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.0	23.6	63.6
76	14.8	0.0	36.9





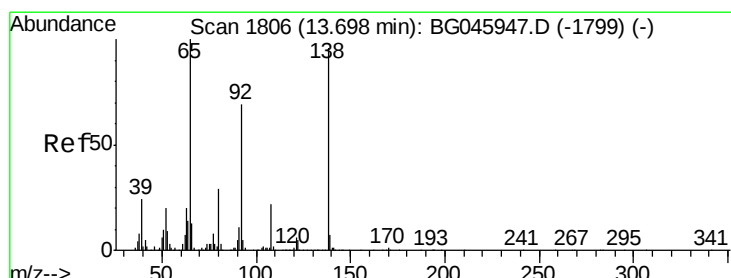
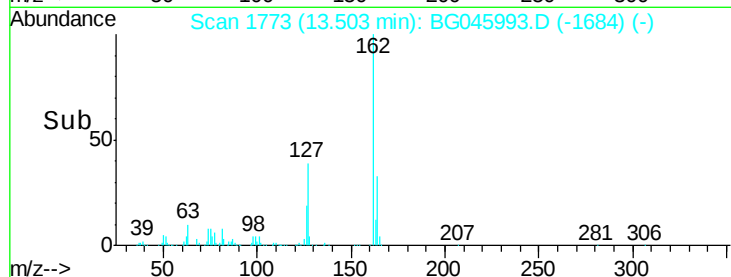
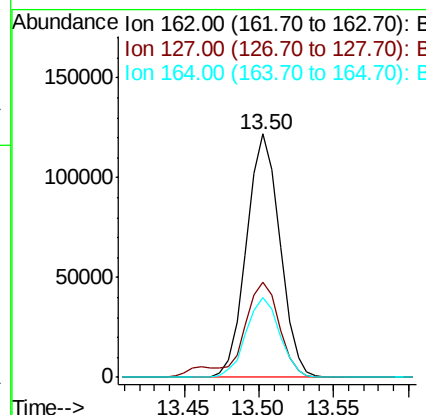
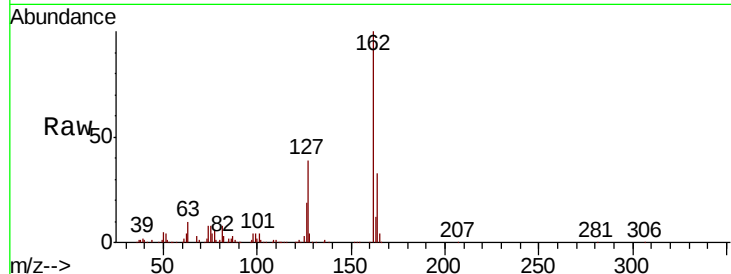
#47
2-Chloronaphthalene
Concen: 9.128 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.5	48.7
164	32.7	27.2	40.8

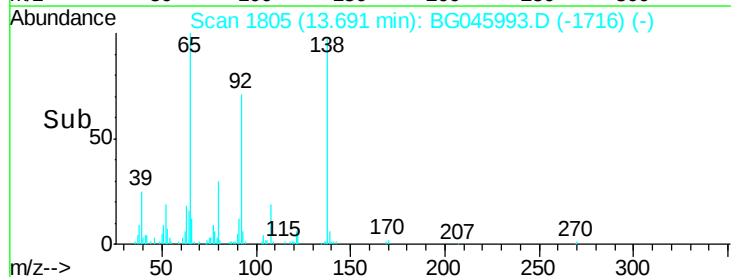
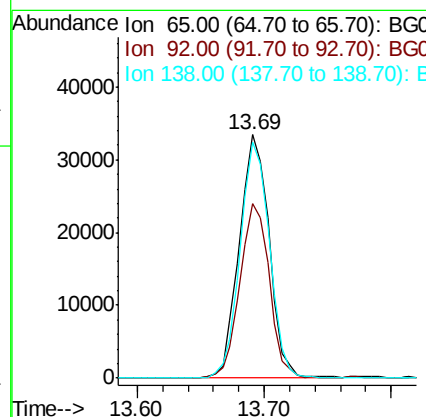
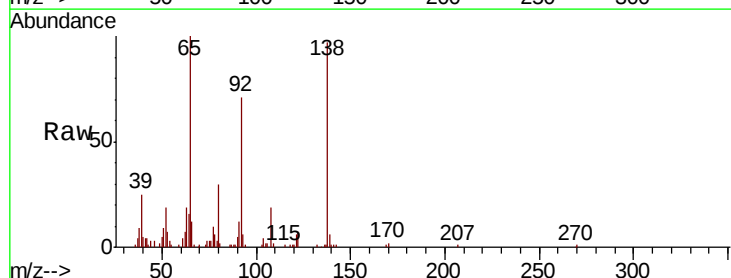
Manual Integrations
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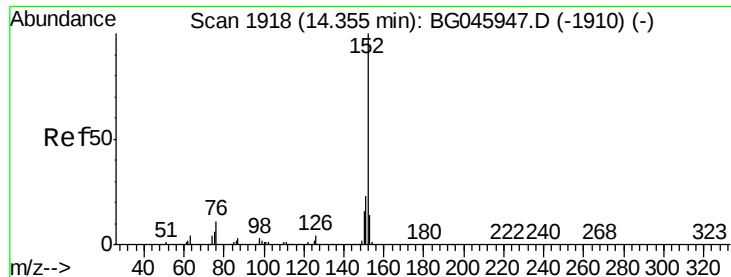
mohammad
7/10/2020 11:47:13 AM



#48
2-Nitroaniline
Concen: 11.300 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	55.4	83.0
138	96.8	77.0	115.4





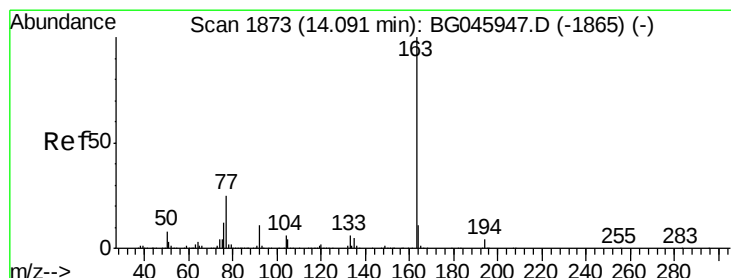
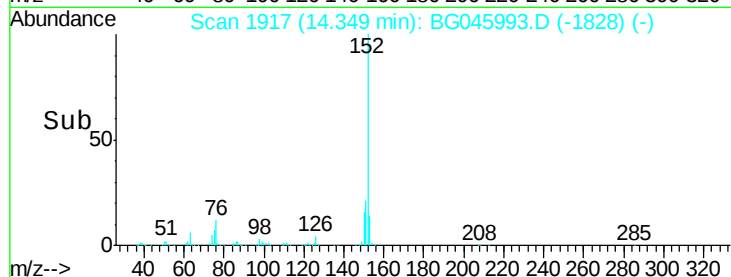
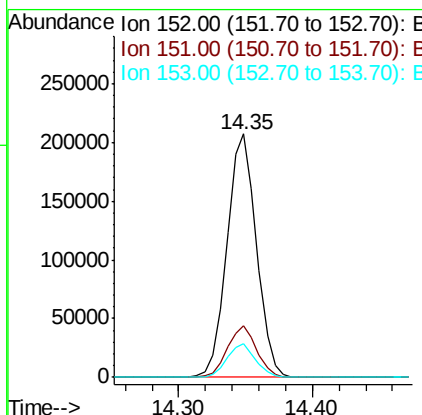
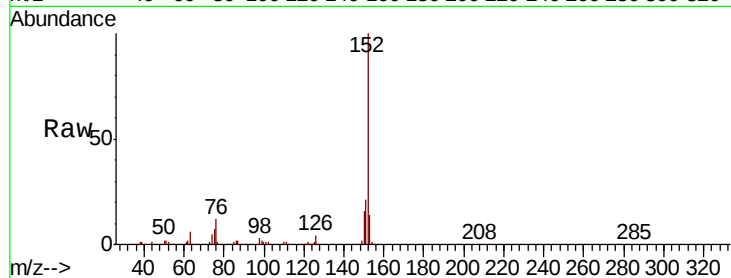
#49
Acenaphthylene
Concen: 9.569 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	18.1	27.1
153	13.9	11.5	17.3

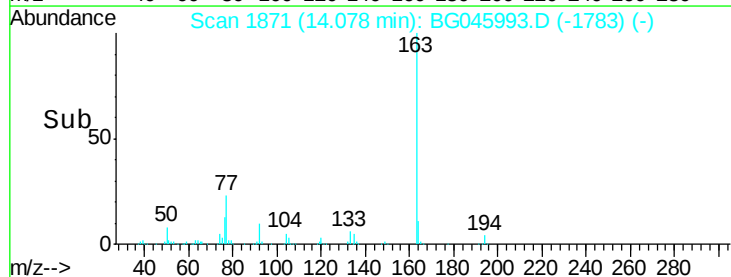
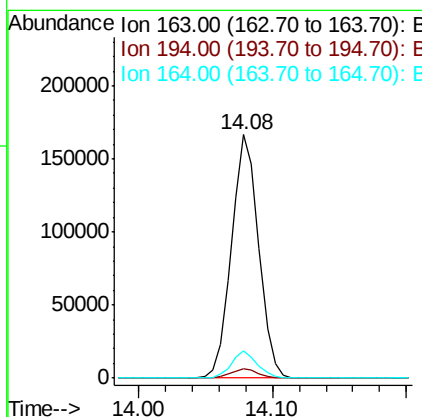
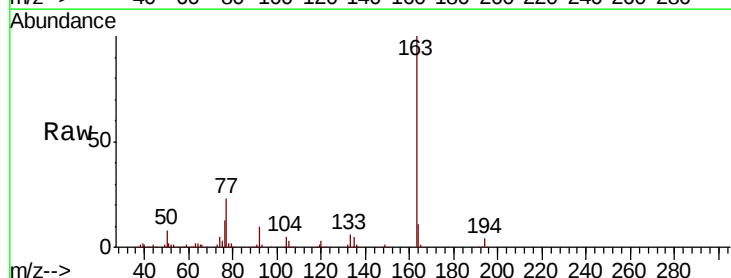
Manual Integrations
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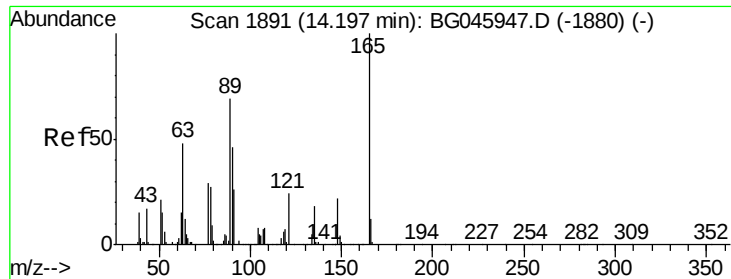
mohammad
7/10/2020 11:47:13 AM



#50
Dimethylphthalate
Concen: 9.039 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.6	5.4
164	11.2	8.9	13.3





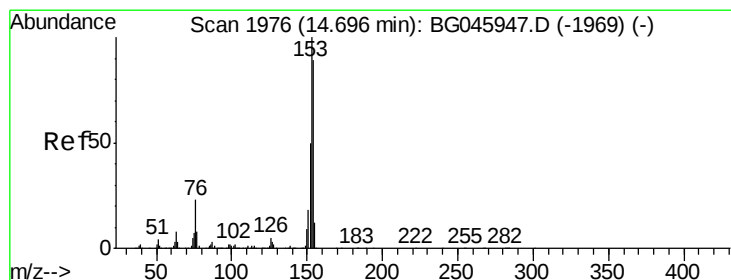
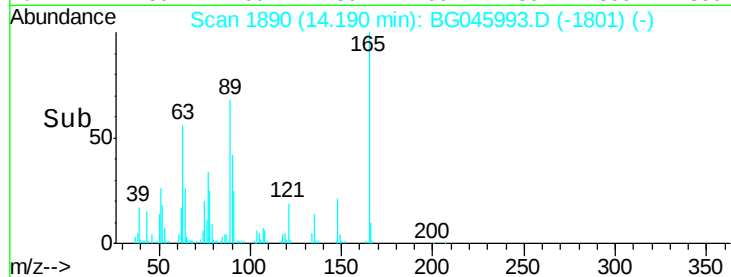
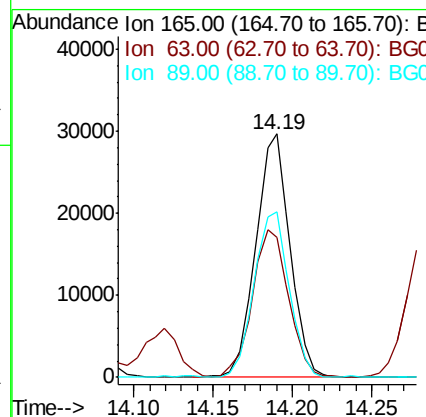
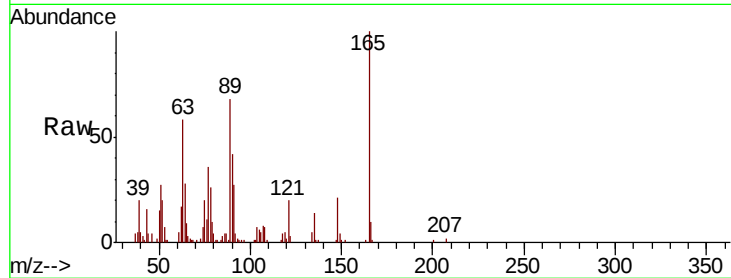
#51
 2,6-Dinitrotoluene
 Concen: 10.934 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.7	51.0	76.4
89	67.8	55.7	83.5

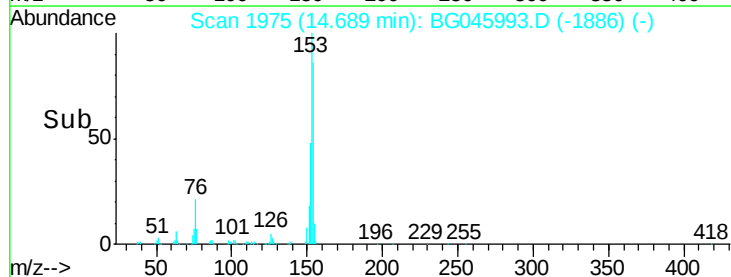
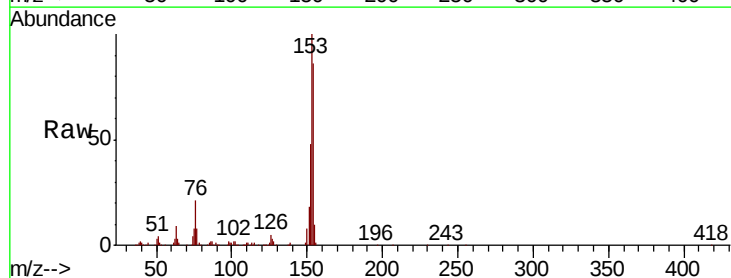
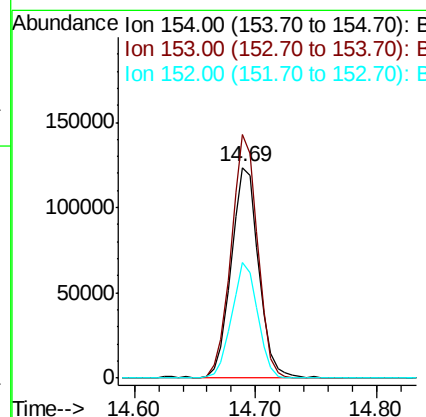
Manual Integrations
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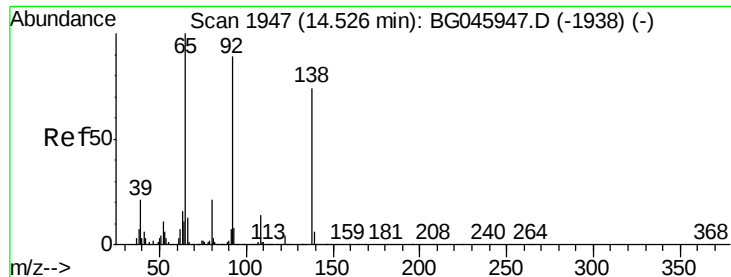
mohammad
 7/10/2020 11:47:13 AM



#52
 Acenaphthene
 Concen: 9.291 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.8	89.7	134.5
152	55.1	44.7	67.1





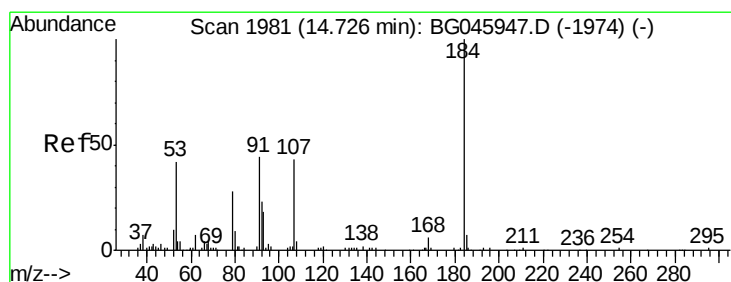
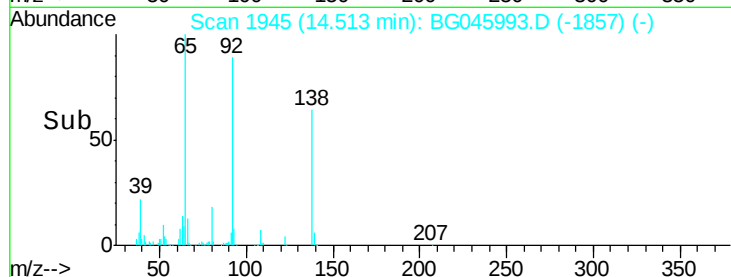
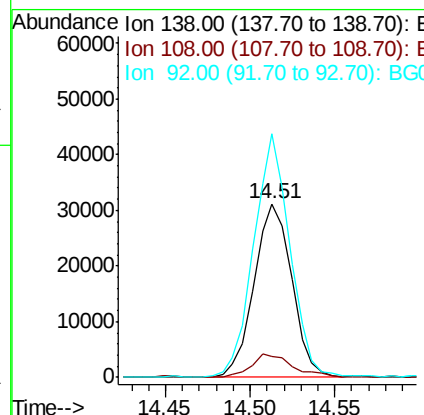
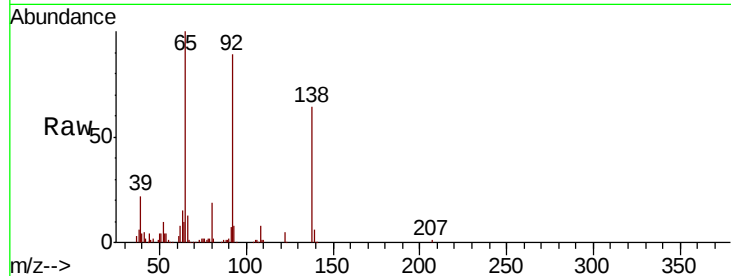
#53
3-Nitroaniline
Concen: 9.650 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	15.4	23.2#
92	140.2	95.9	143.9

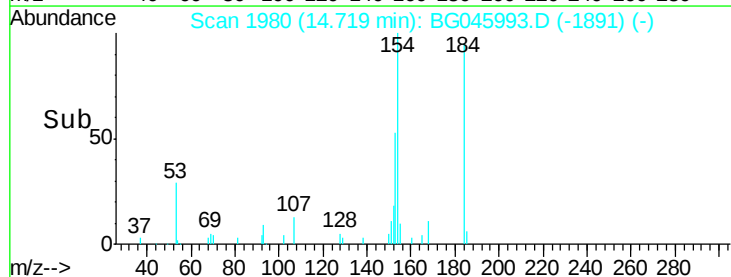
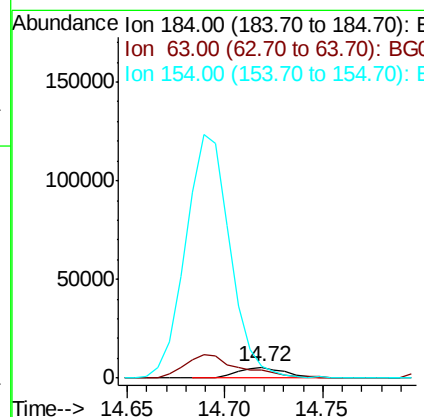
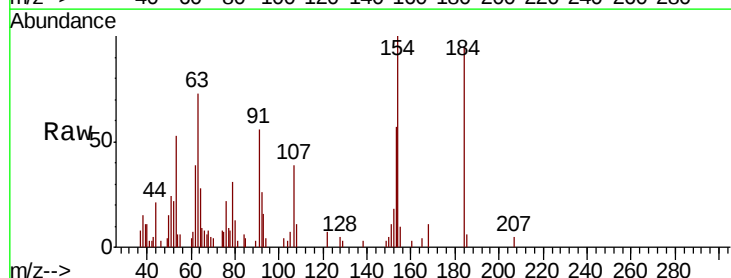
Manual Integrations
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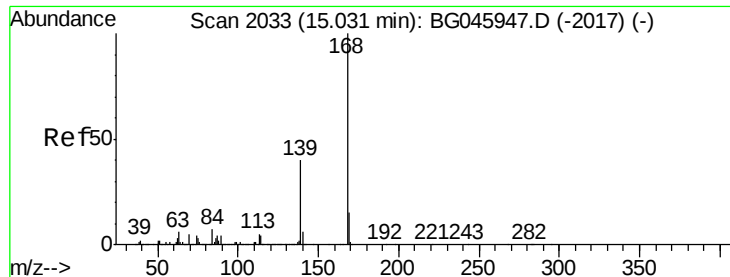
mohammad
7/10/2020 11:47:13 AM



#54
2,4-Dinitrophenol
Concen: 6.620 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.3	46.0	69.0#
154	104.9	58.2	87.2#





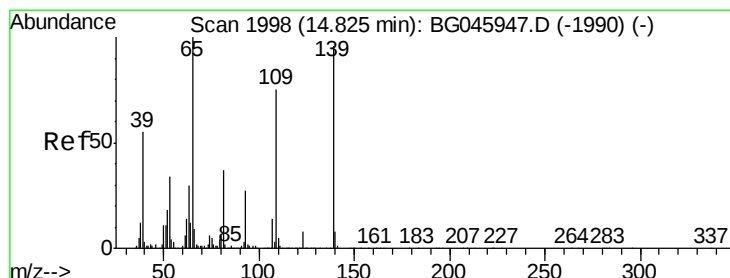
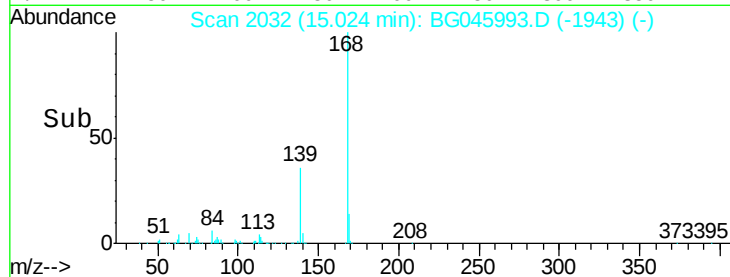
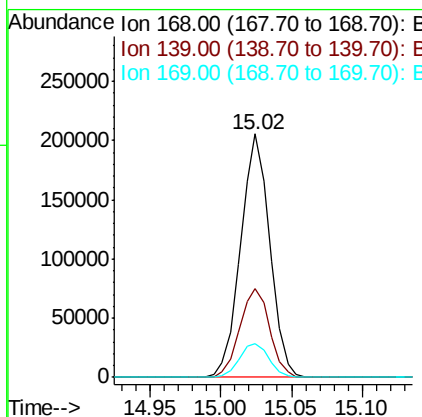
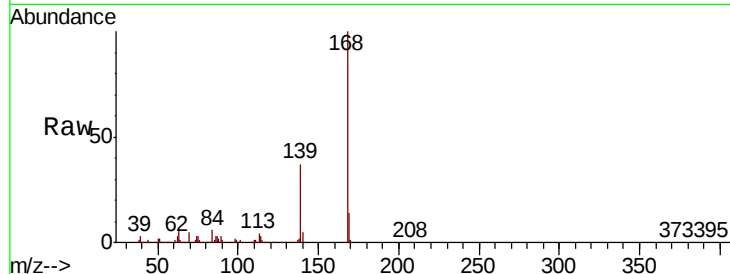
#55
Dibenzofuran
Concen: 9.609 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	32.2	48.2
169	13.6	11.8	17.8

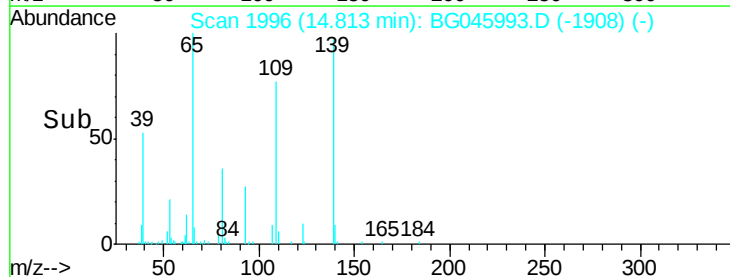
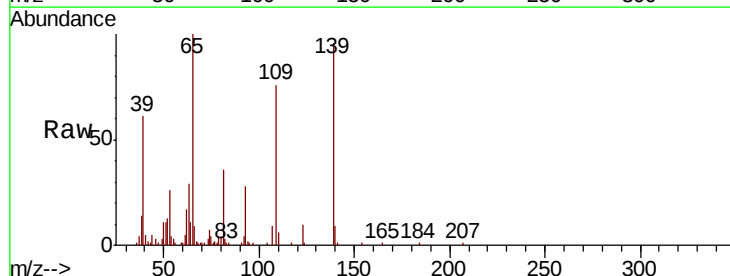
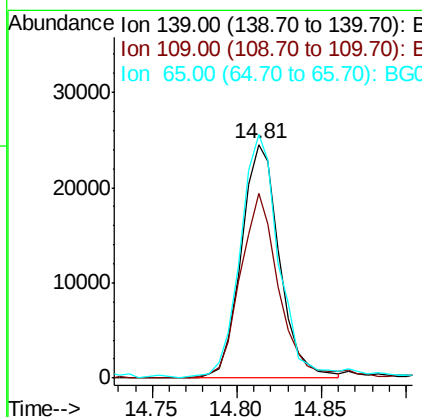
Manual Integrations
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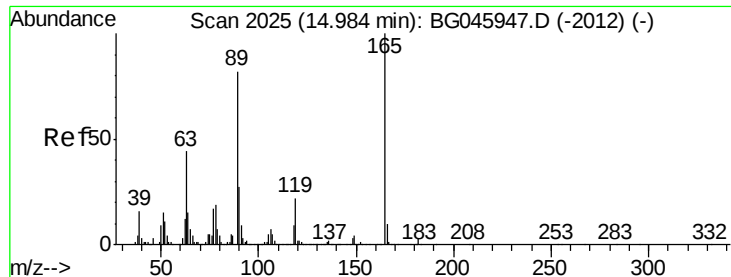
mohammad
7/10/2020 11:47:13 AM



#56
4-Nitrophenol
Concen: 9.071 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.0	58.5	98.5
65	104.2	84.7	124.7





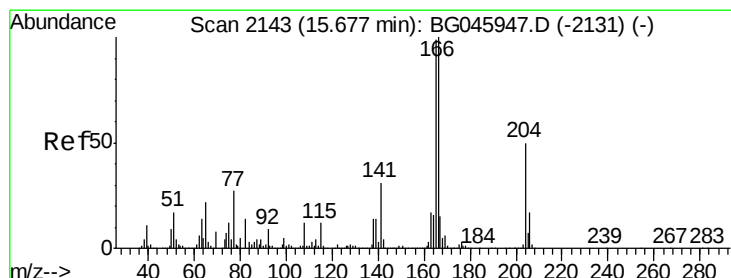
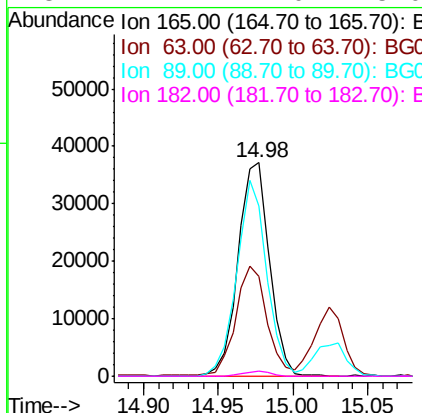
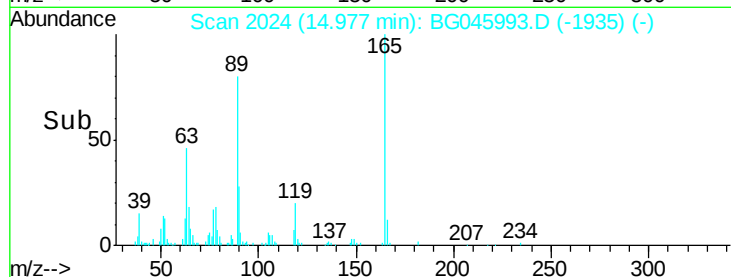
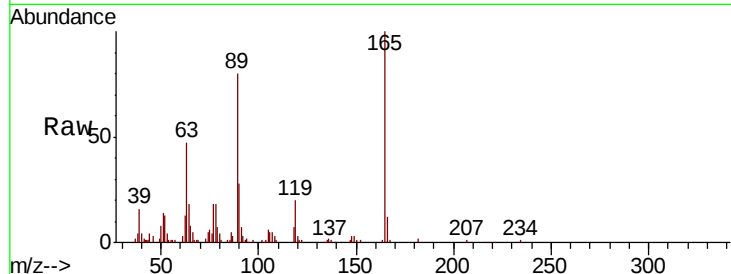
#57
2,4-Dinitrotoluene
Concen: 10.839 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.9	35.4	53.0
89	79.7	65.4	98.2
182	2.4	2.0	3.0

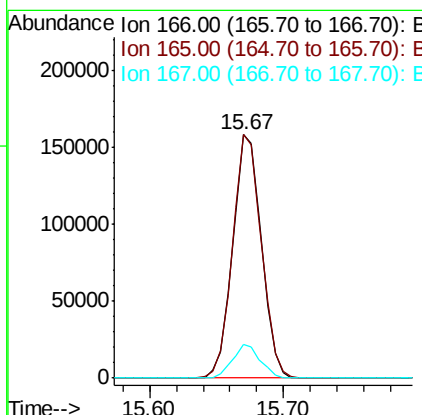
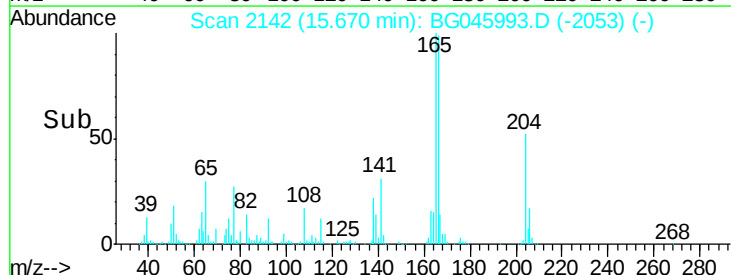
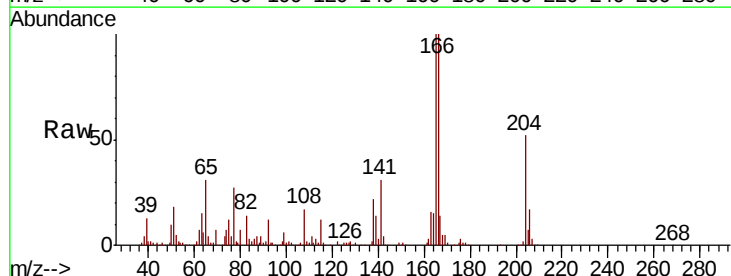
Manual Integrations
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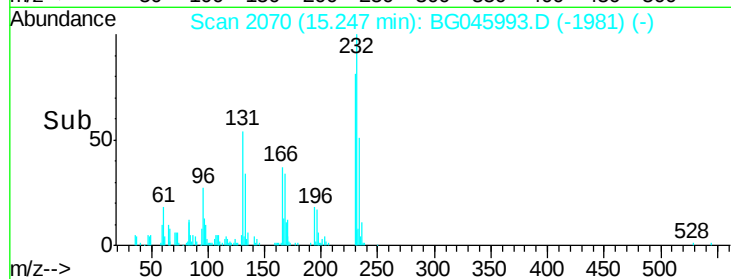
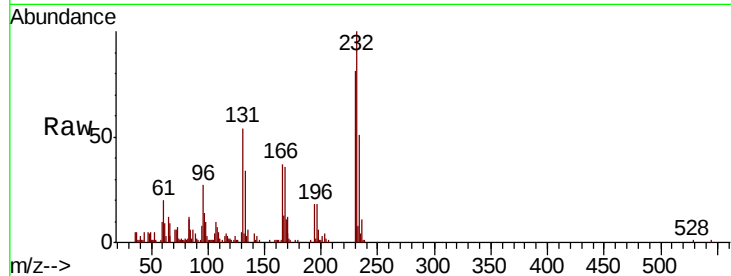
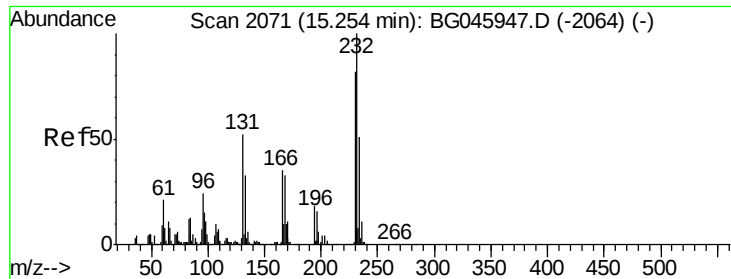
mohammad
7/10/2020 11:47:13 AM



#58
Fluorene
Concen: 9.344 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.9	118.3
167	14.1	12.1	18.1





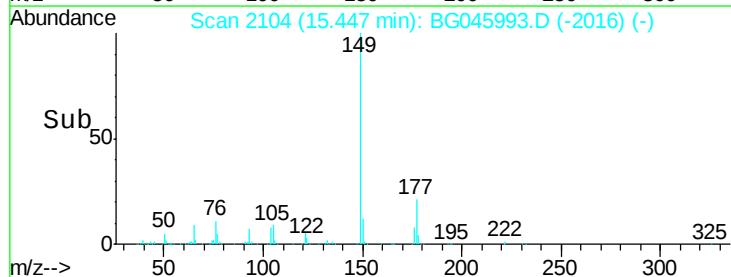
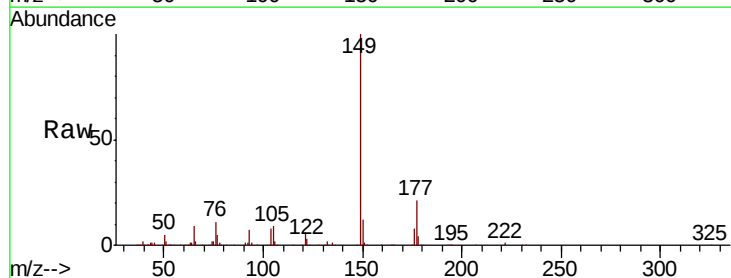
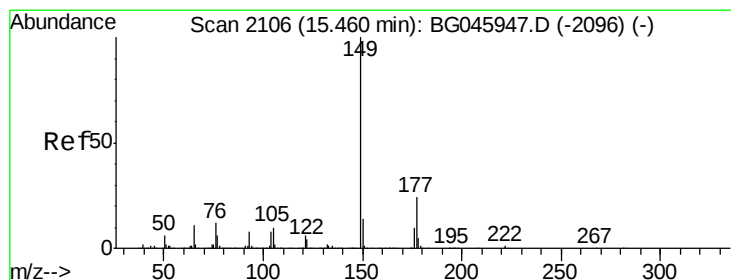
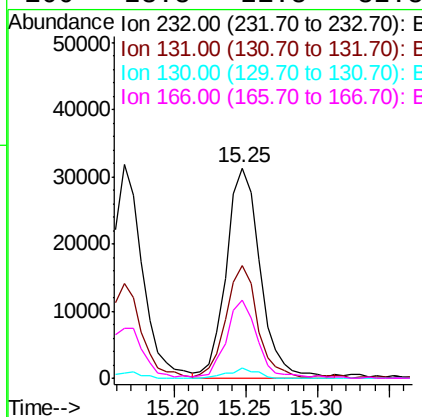
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.953 ng m
RT: 15.25 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	51857		
131	41.3		35.8	53.6
130	2.5		2.5	3.7
166	23.8		21.8	32.8

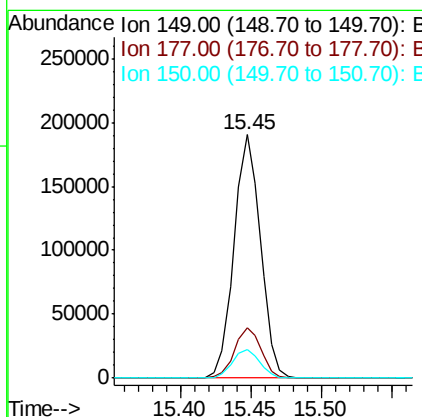
Manual Integrations
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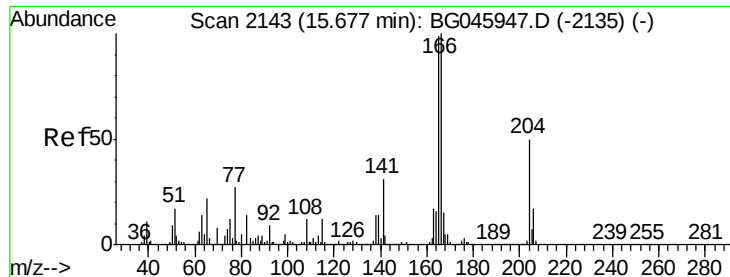
mohammad
7/10/2020 11:47:13 AM



#60
Diethylphthalate
Concen: 9.075 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	248562		
177	20.8		19.0	28.4
150	11.9		11.0	16.4





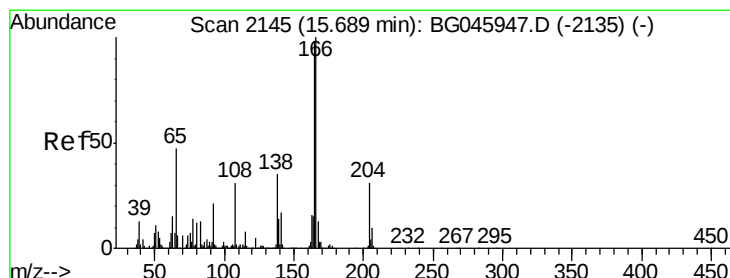
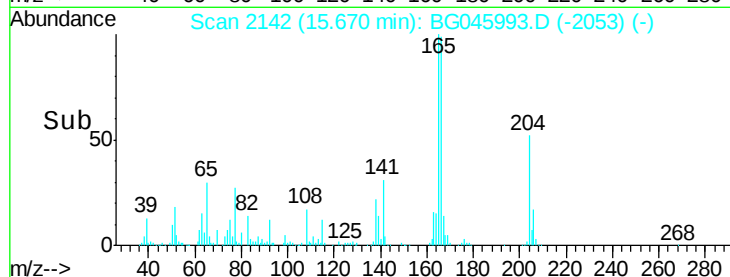
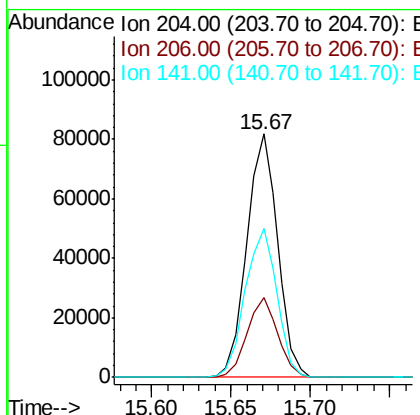
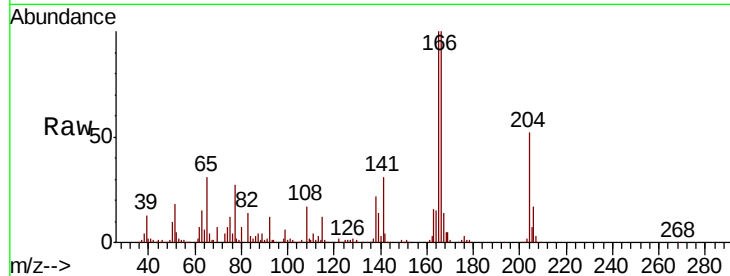
#61
4-Chlorophenyl-phenylether
Concen: 8.764 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.9	27.1	40.7	
141	61.0	49.8	74.8	

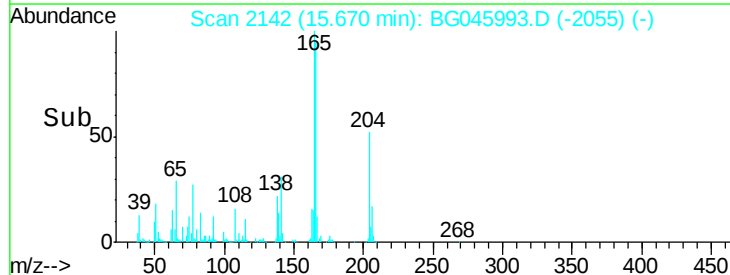
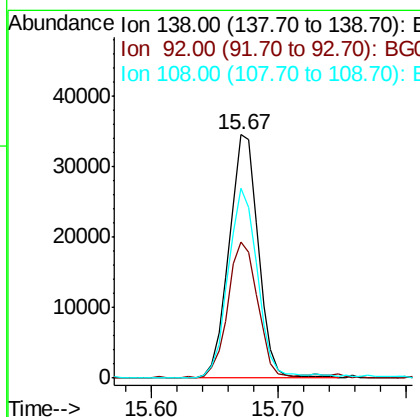
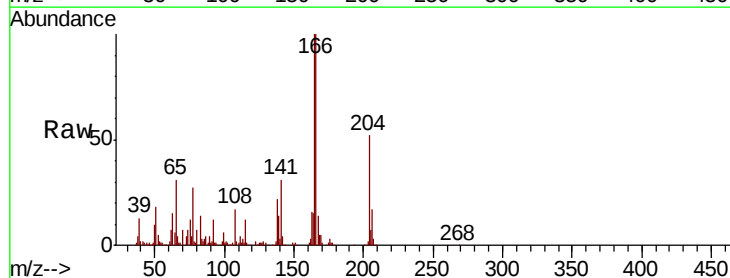
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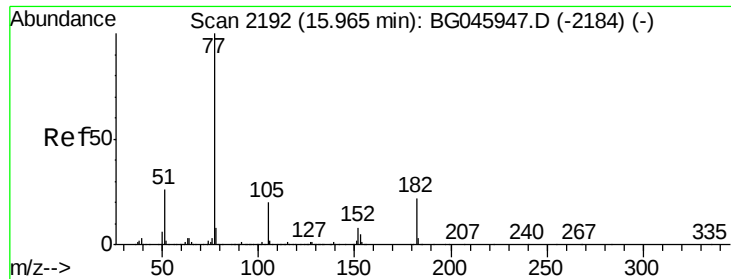
mohammad
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#62
4-Nitroaniline
Concen: 10.138 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.7	40.3	80.3	
108	78.2	68.0	108.0	





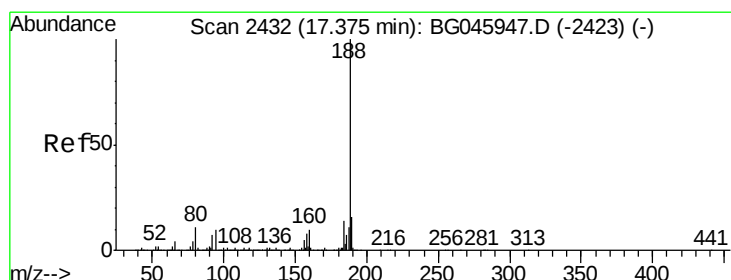
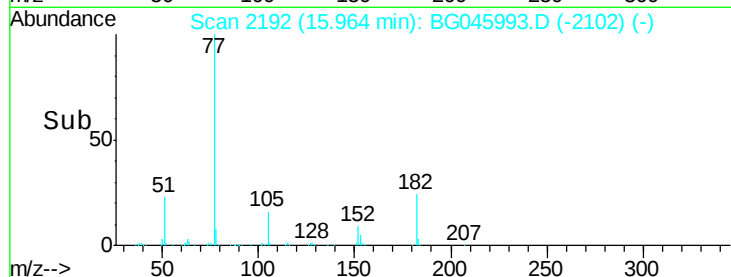
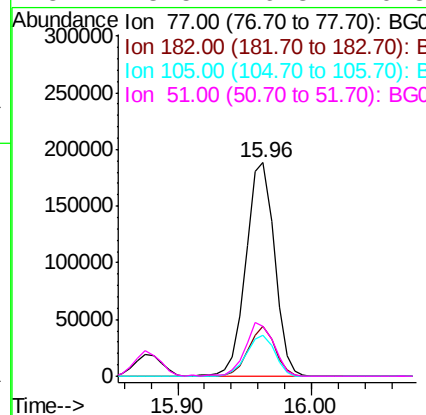
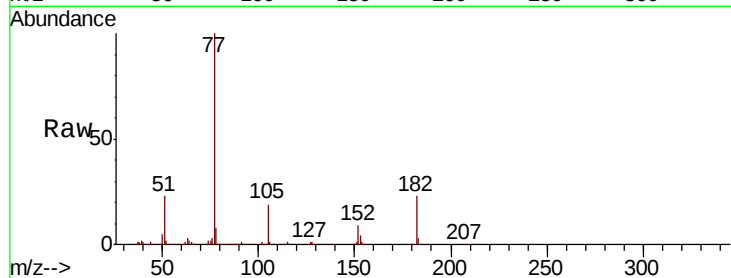
#63
Azobenzene
Concen: 9.425 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	2.4	42.4
105	19.4	0.3	40.3
51	23.5	6.3	46.3

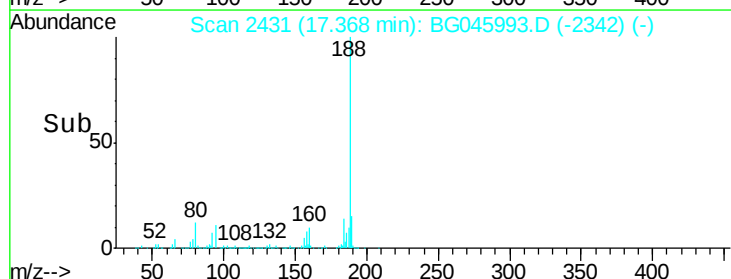
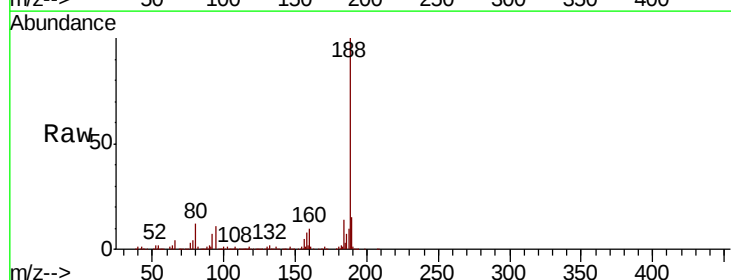
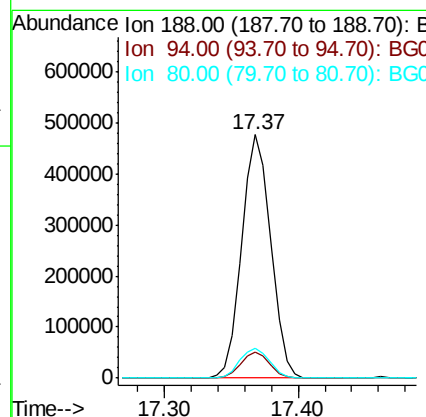
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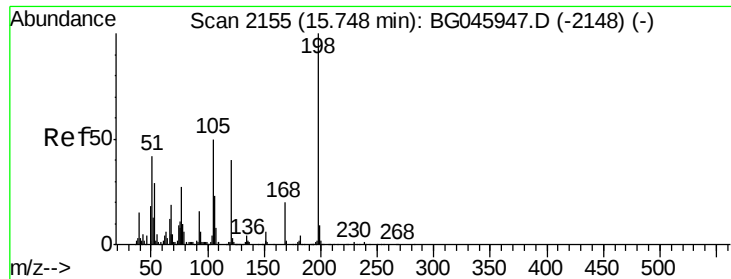
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.4
80	12.3	9.0	13.6





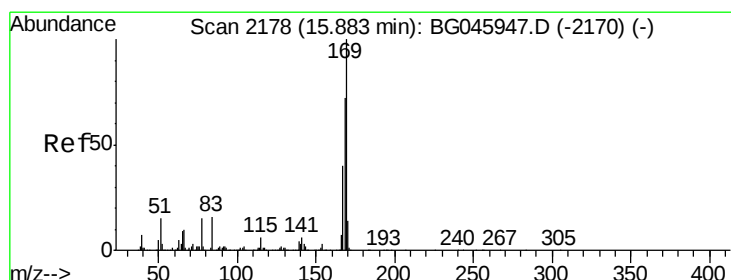
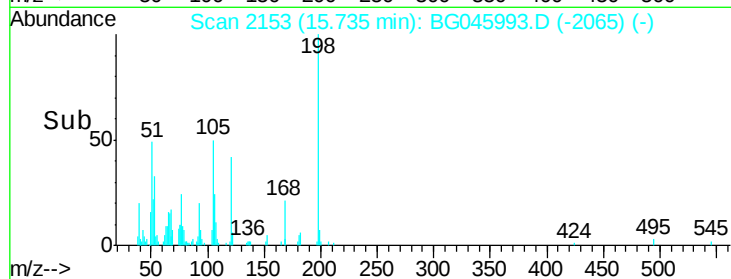
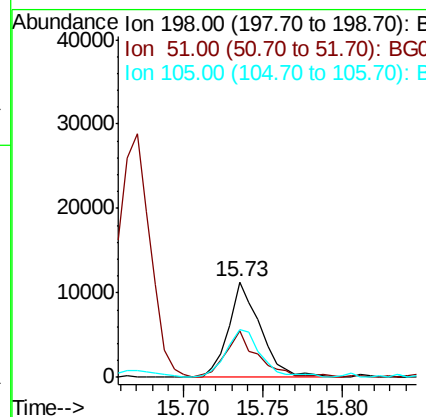
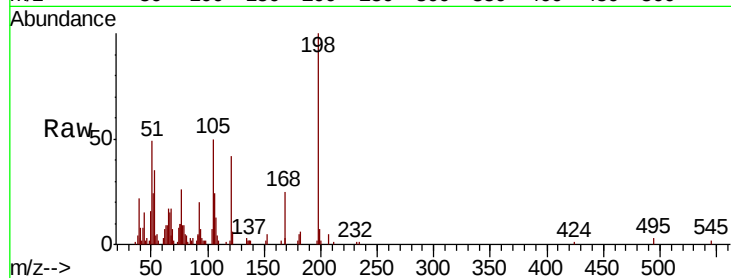
#65
4,6-Dinitro-2-methylphenol
Concen: 7.454 ng
RT: 15.73 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.8	24.5	64.5
105	50.0	30.9	70.9

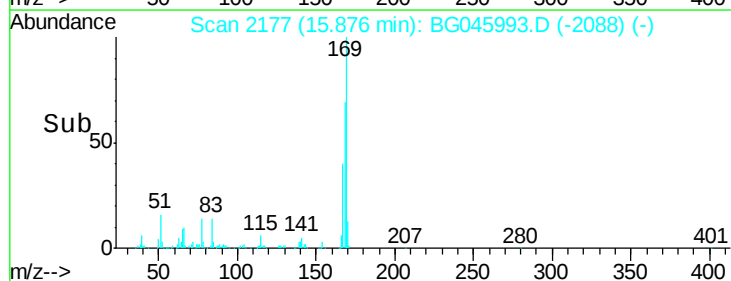
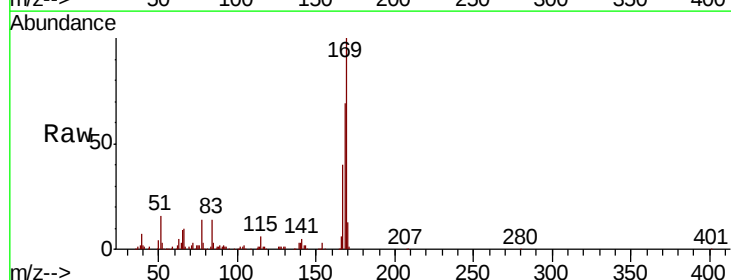
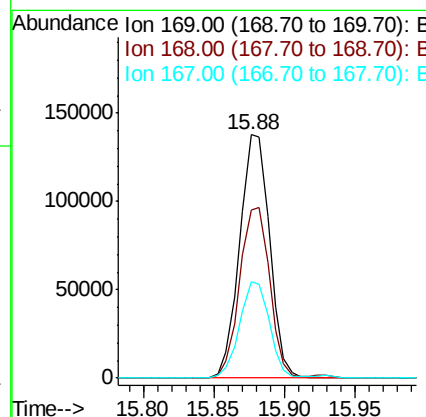
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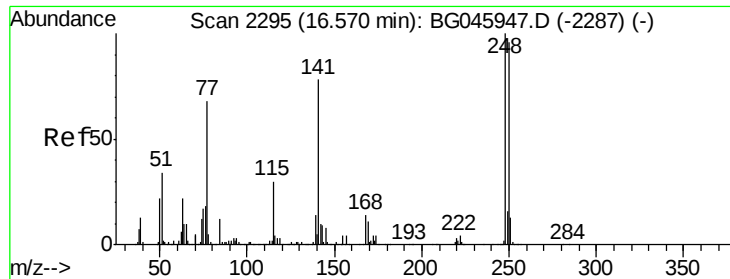
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 9.216 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	57.3	85.9
167	39.8	32.1	48.1





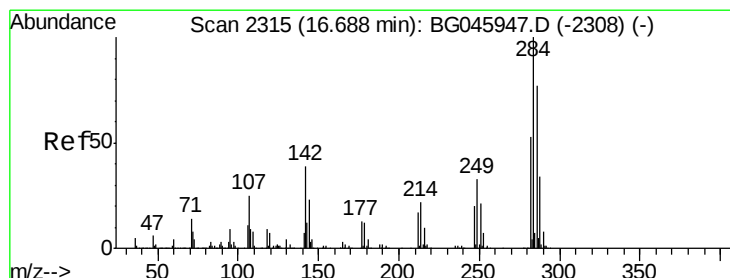
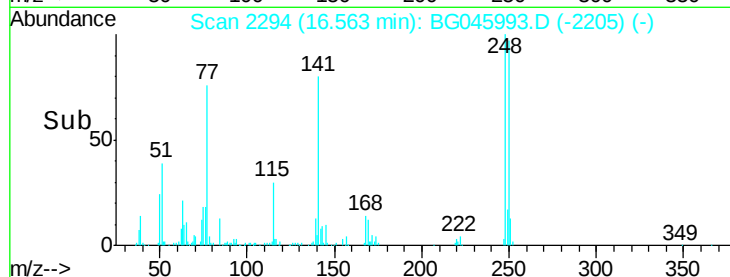
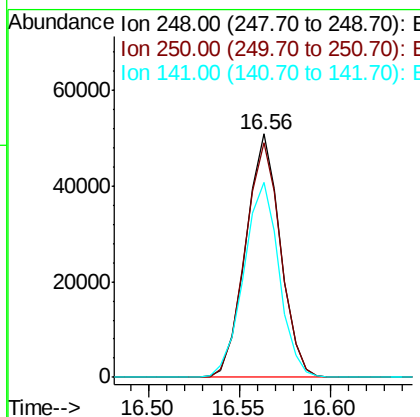
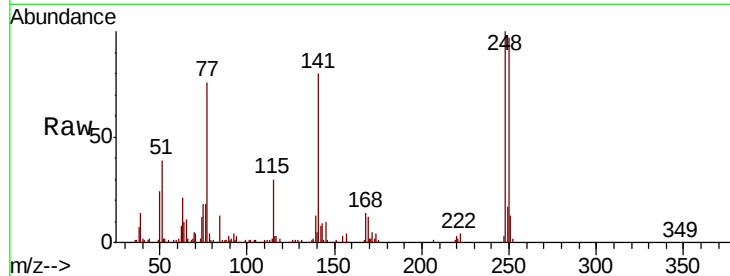
#67
4-Bromophenyl-phenylether
Concen: 8.409 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.6	114.8
141	80.2	62.7	94.1

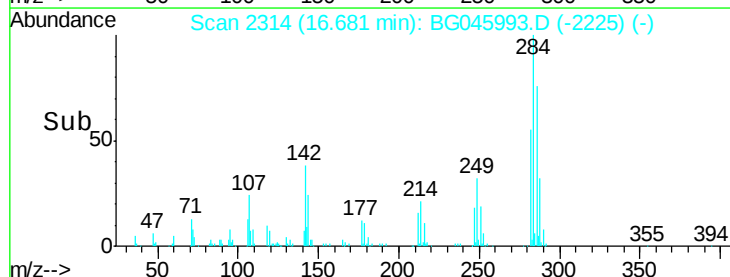
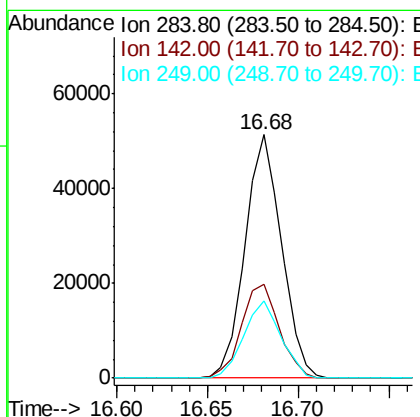
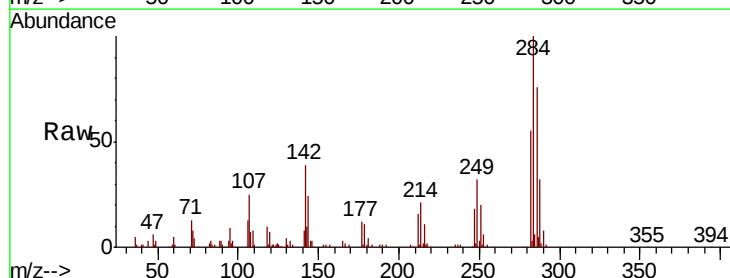
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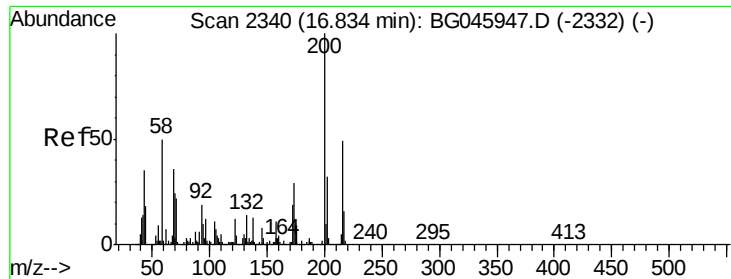
mohammad
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#68
Hexachlorobenzene
Concen: 8.935 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.6	31.3	46.9
249	31.9	26.8	40.2





#69

Atrazine

Concen: 10.267 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

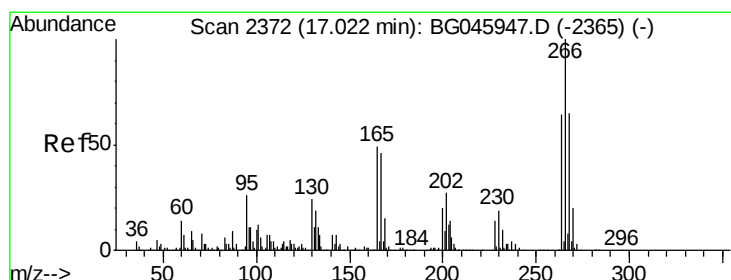
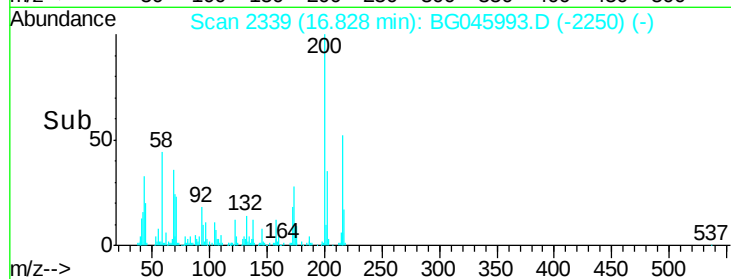
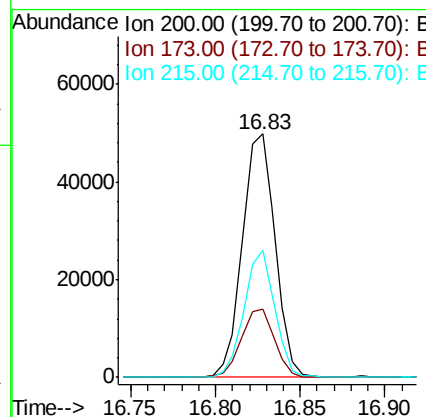
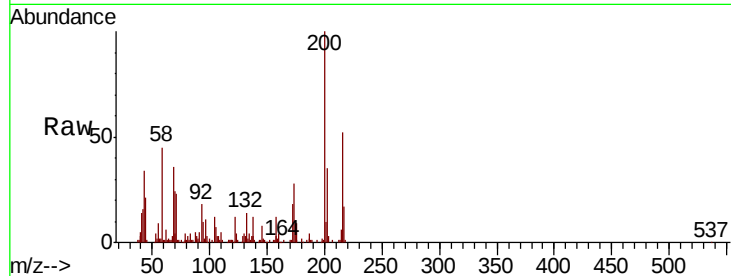
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	200	Resp:	67392
Ion Ratio	Lower	Upper	
200	100		
173	28.3	9.1	49.1
215	52.0	28.8	68.8

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#70

Pentachlorophenol

Concen: 7.192 ng

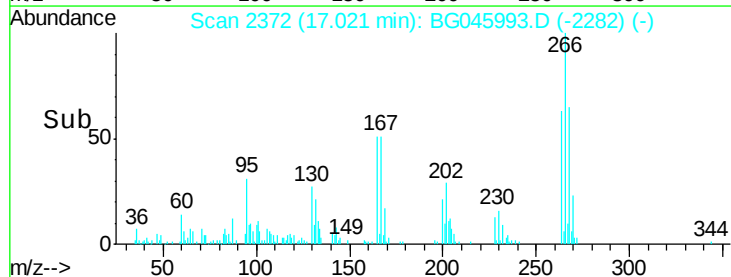
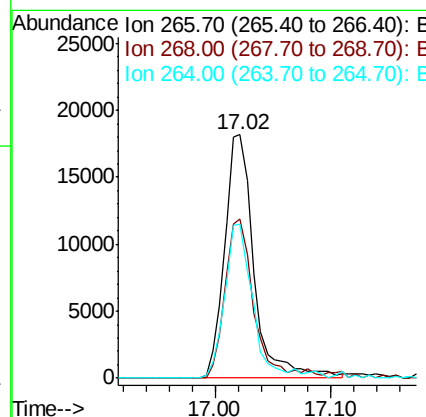
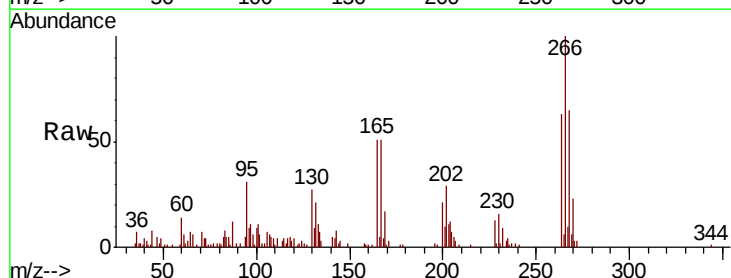
RT: 17.02 min Scan# 2372

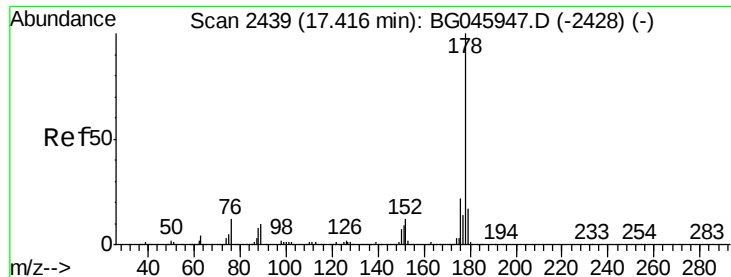
Delta R.T. -0.00 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion:	266	Resp:	32106
Ion Ratio	Lower	Upper	
266	100		
268	65.4	51.8	77.8
264	63.5	51.4	77.0





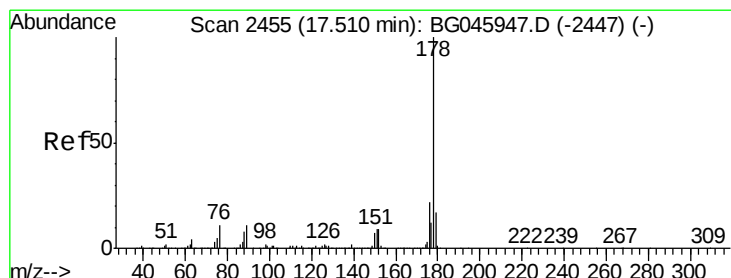
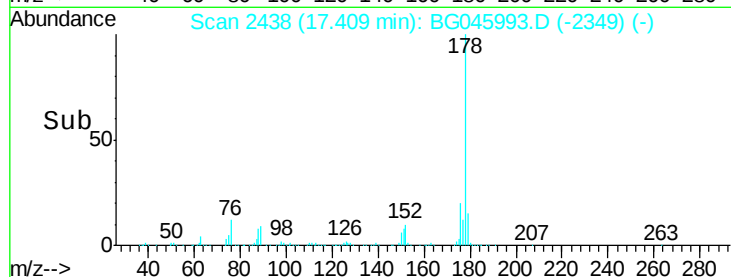
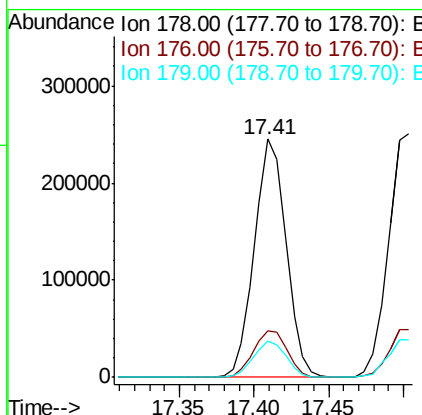
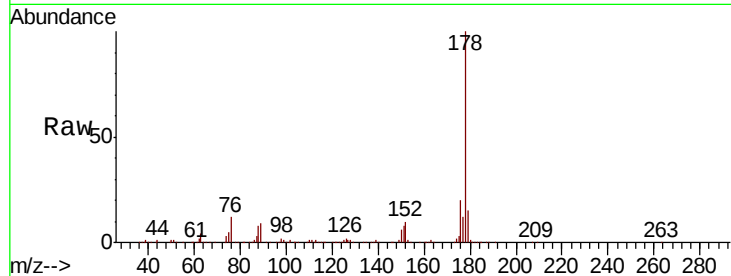
#71
Phenanthrene
Concen: 9.510 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.4	26.2
179	15.5	13.4	20.2

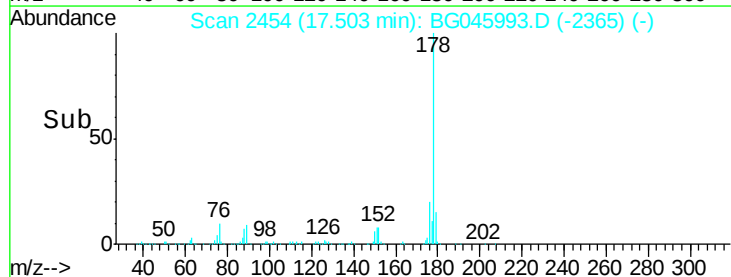
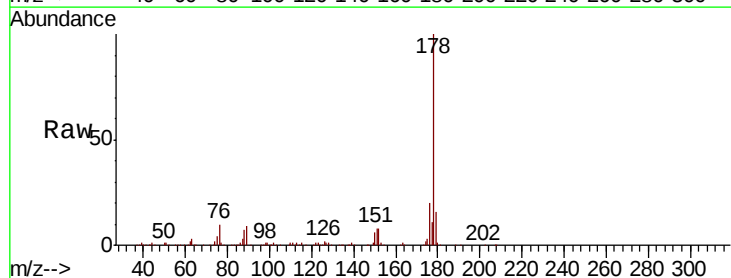
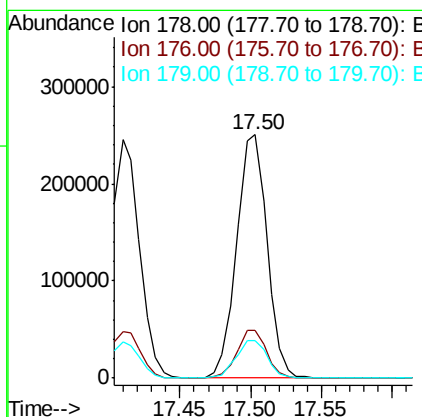
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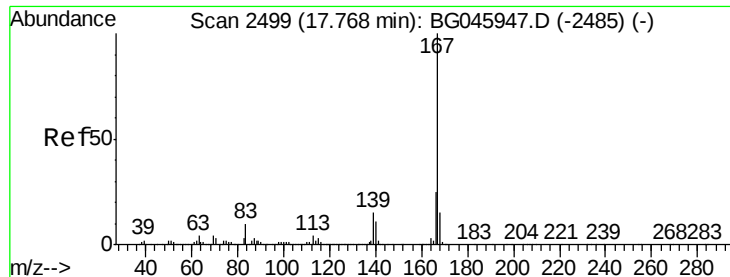
mohammad
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#72
Anthracene
Concen: 9.787 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.2	25.8
179	15.5	14.0	21.0





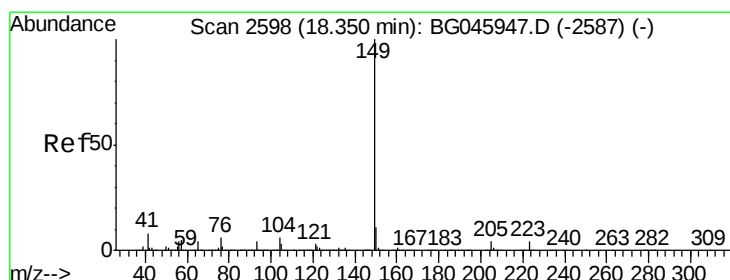
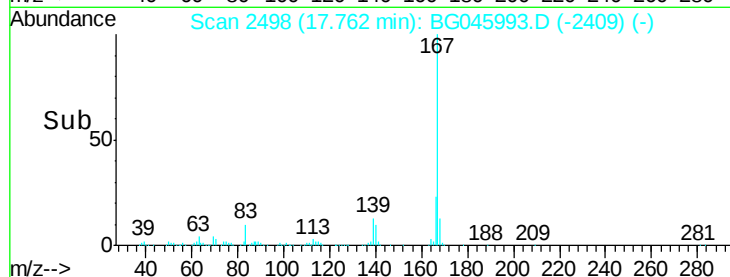
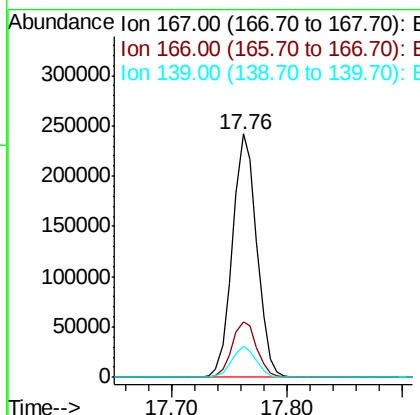
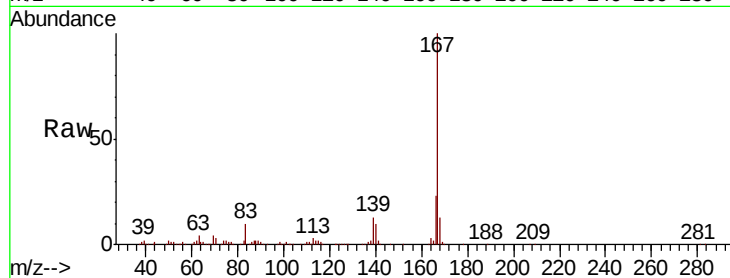
#73
 Carbazole
 Concen: 9.140 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	20.4	30.6
139	12.9	11.8	17.8

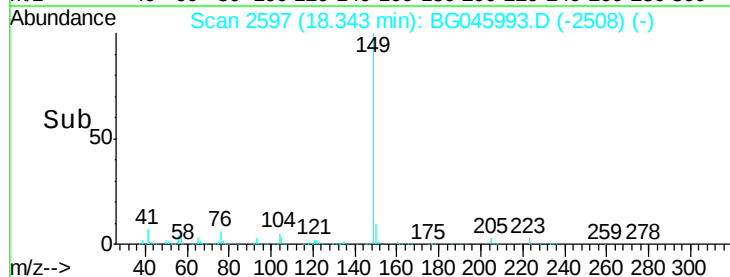
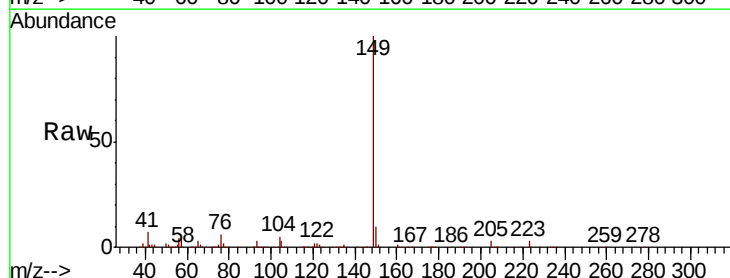
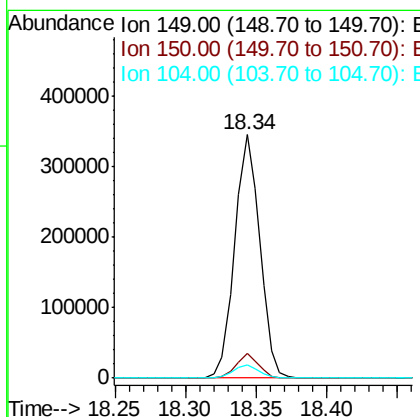
Manual Integrations
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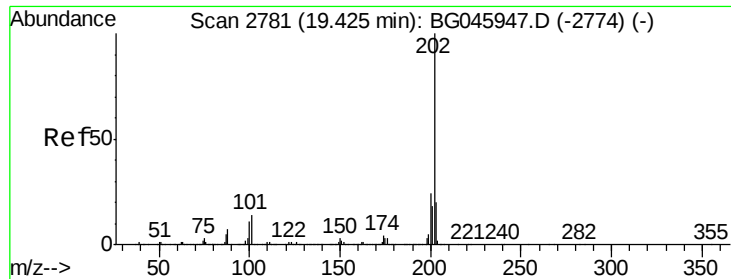
mohammad
 7/10/2020 11:47:13 AM



#74
 Di-n-butylphthalate
 Concen: 9.171 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	9.0	13.4
104	5.3	5.2	7.8





#75

Fluoranthene

Concen: 9.632 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

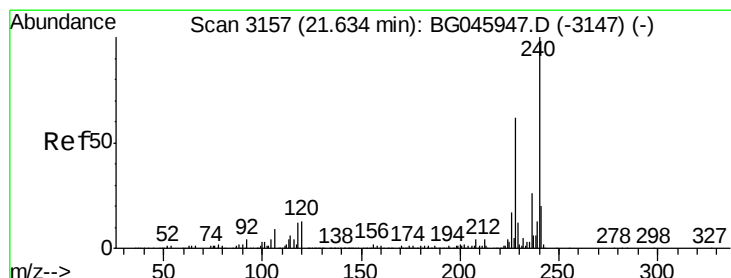
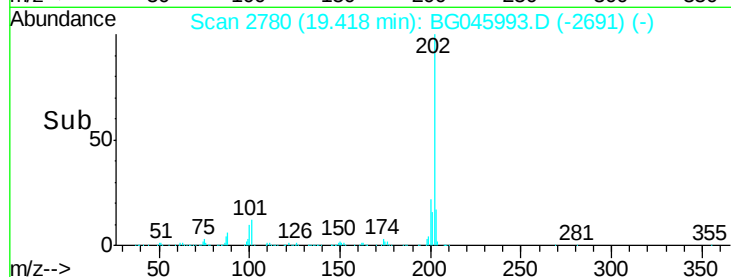
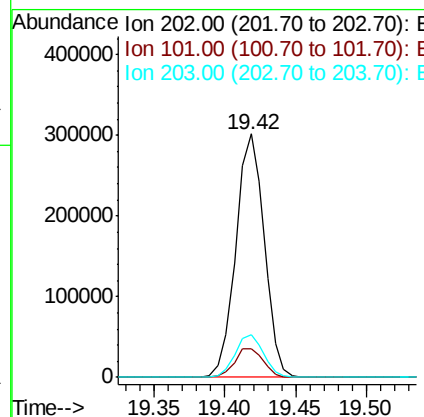
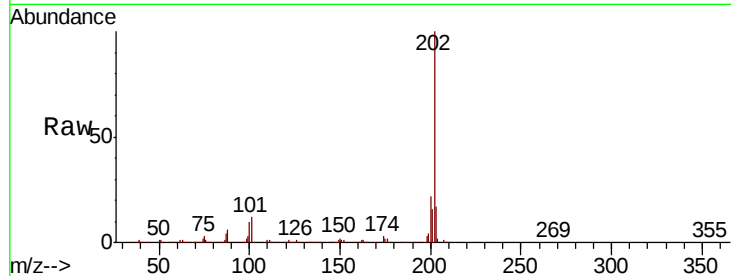
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
202	100	421746		
101	11.7	0.0	33.8	
203	17.3	0.4	40.4	

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#76

Chrysene-d12

Concen: 20.000 ng

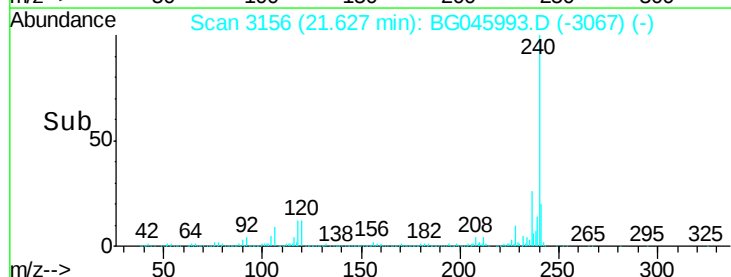
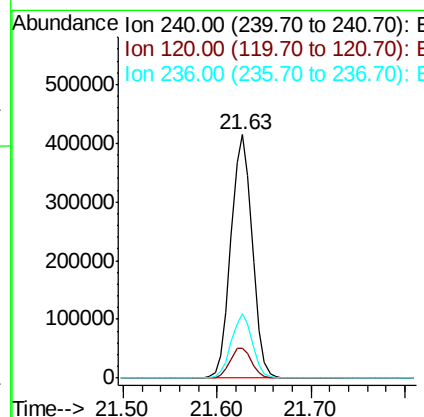
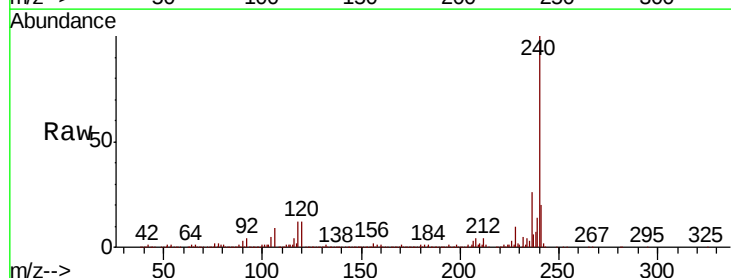
RT: 21.63 min Scan# 3156

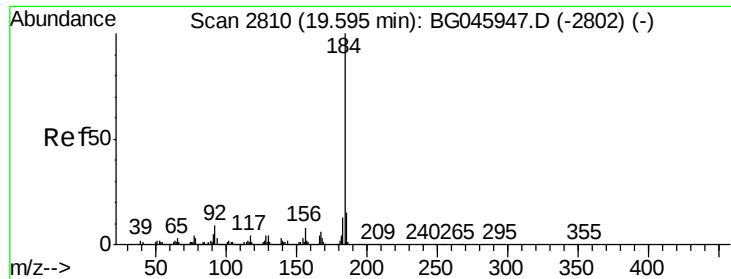
Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	651686		
120	12.2	10.6	16.0	
236	26.3	20.4	30.6	





#77

Benzidine

Concen: 11.694 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

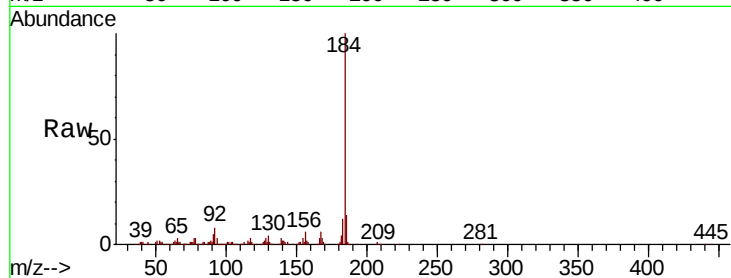
ClientSampleId :

LOQ-WATER-02-QT3-2020

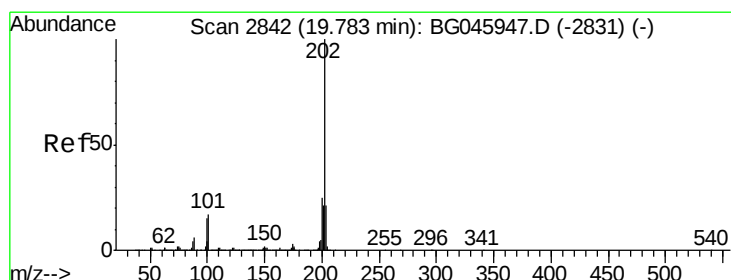
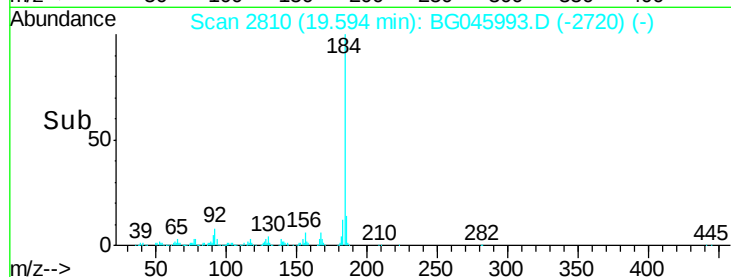
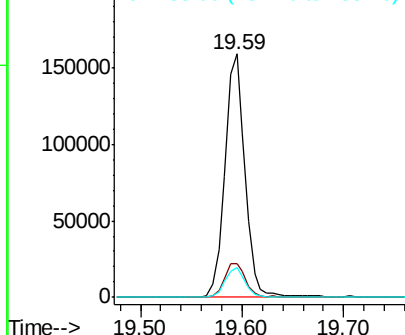
Tot Ion:	184	Resp:	217902
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.6	17.4
183	12.2	10.4	15.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 9.695 ng

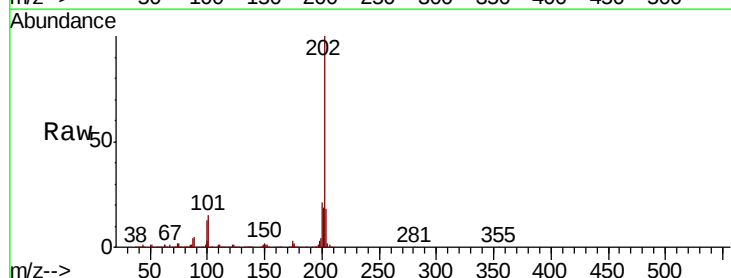
RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

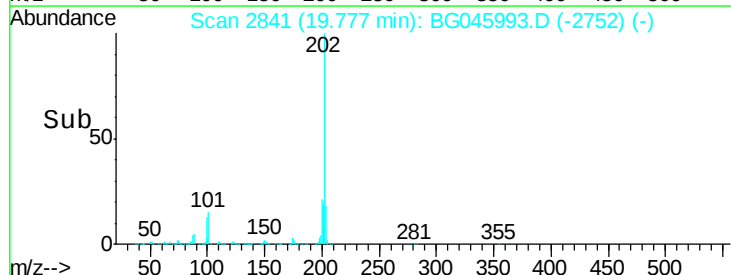
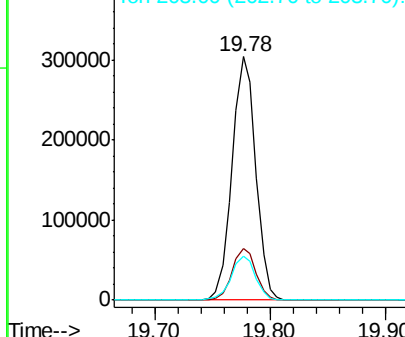
Lab File: BG045993.D

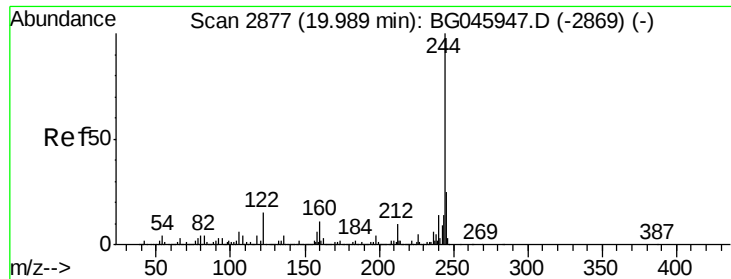
Acq: 9 Jul 2020 13:43

Tgt Ion:	202	Resp:	431288
Ion Ratio	Lower	Upper	
202	100		
200	21.4	20.1	30.1
203	18.0	16.5	24.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





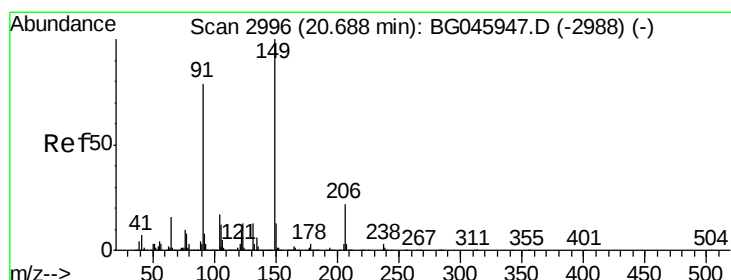
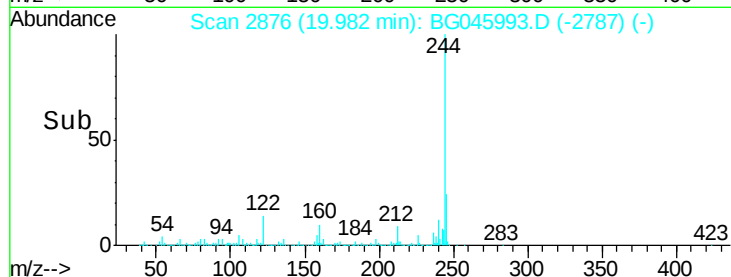
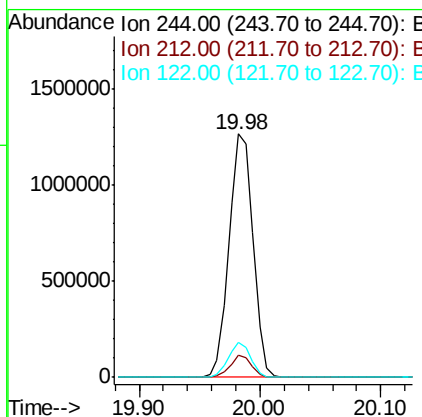
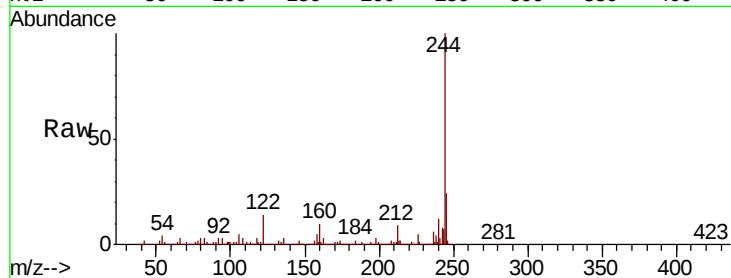
#79
 Terphenyl-d14
 Concen: 59.559 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

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

Tot Ion:244 Resp: 1744049
 Ion Ratio Lower Upper
 244 100
 212 8.9 8.3 12.5
 122 14.1 12.1 18.1

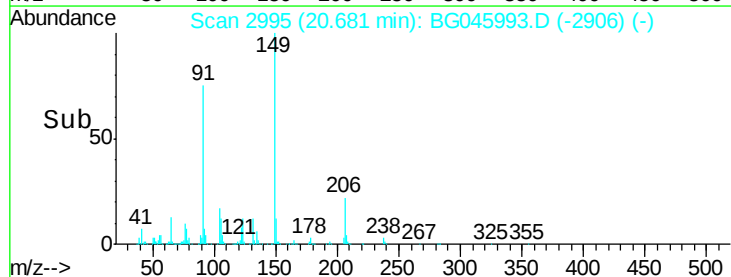
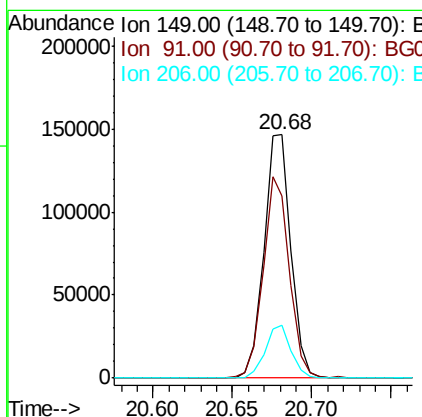
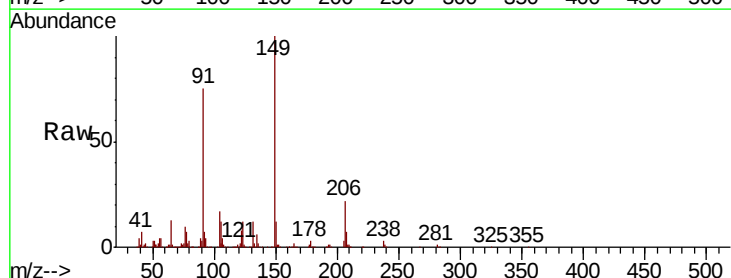
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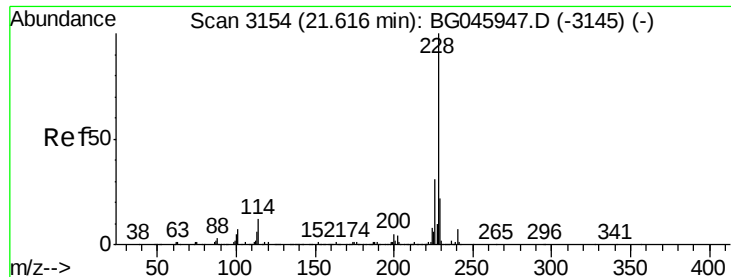
mohammad
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#80
 Butylbenzylphthalate
 Concen: 8.273 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. -0.01 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

Tgt Ion:149 Resp: 173901
 Ion Ratio Lower Upper
 149 100
 91 75.0 63.1 94.7
 206 21.5 17.4 26.0





#81

Benzo(a)anthracene

Concen: 9.354 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

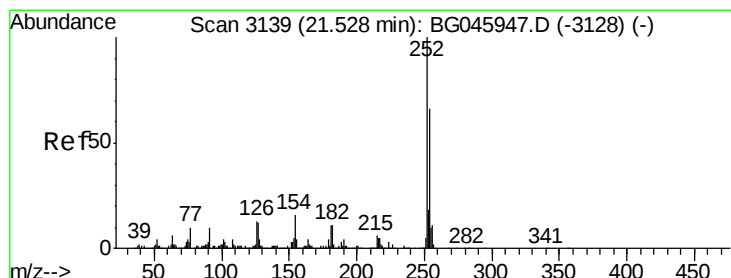
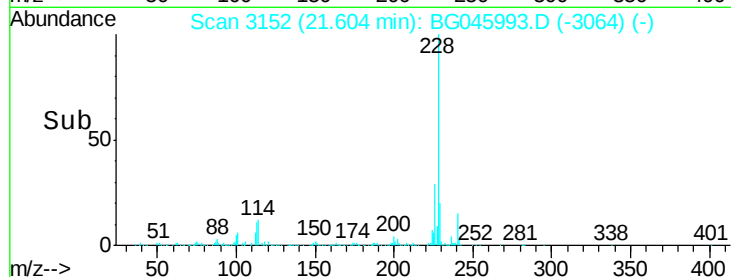
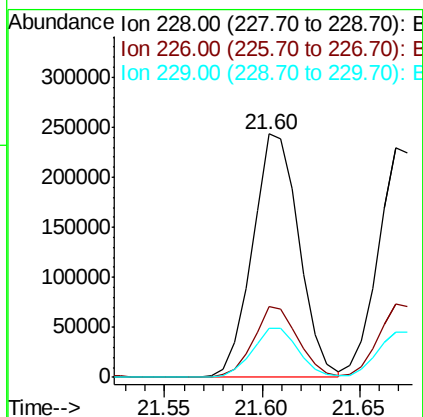
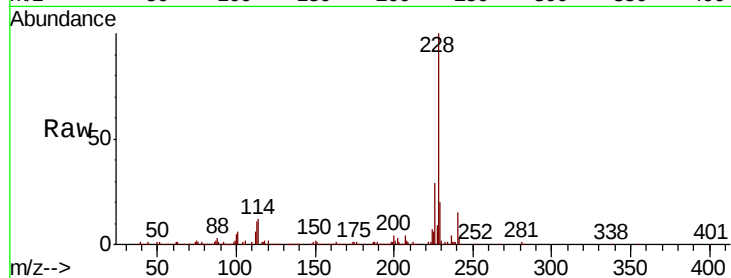
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	228	Resp:	400822
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.8	37.2
229	20.2	17.8	26.8

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#82

3,3'-Dichlorobenzidine

Concen: 9.382 ng

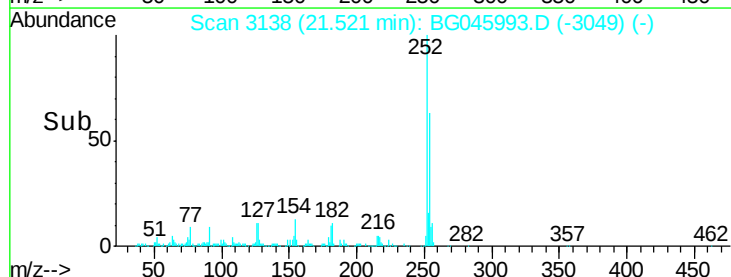
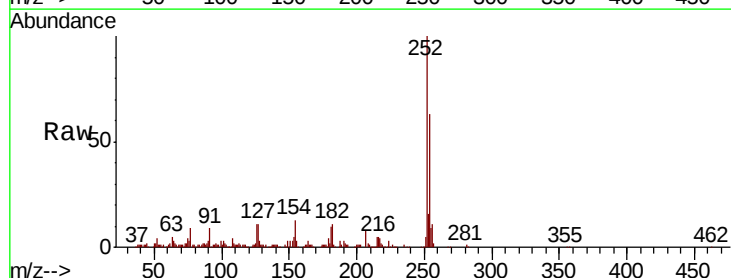
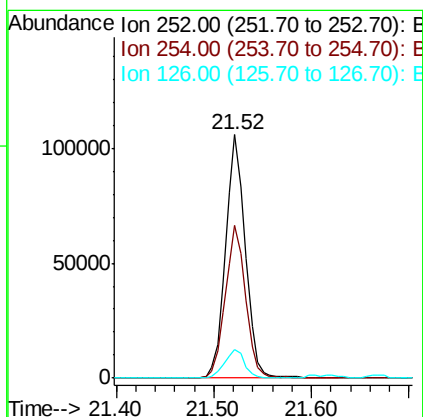
RT: 21.52 min Scan# 3138

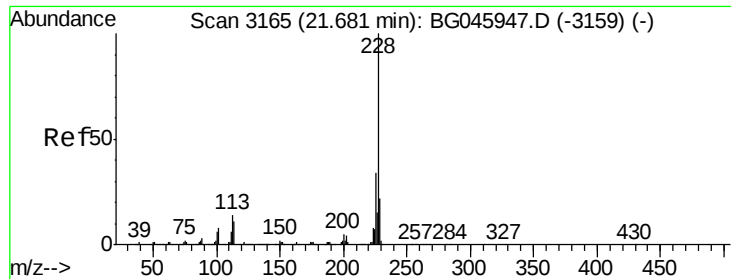
Delta R.T. -0.01 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion:	252	Resp:	148549
Ion Ratio	Lower	Upper	
252	100		
254	62.7	52.9	79.3
126	11.5	10.4	15.6





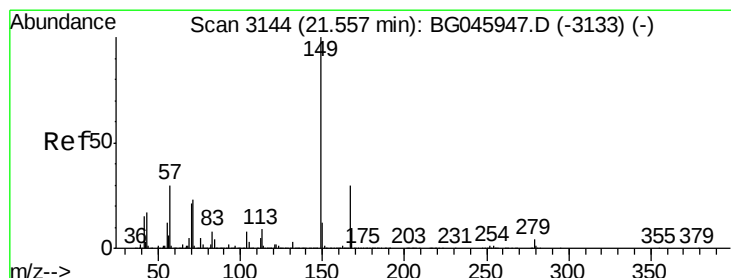
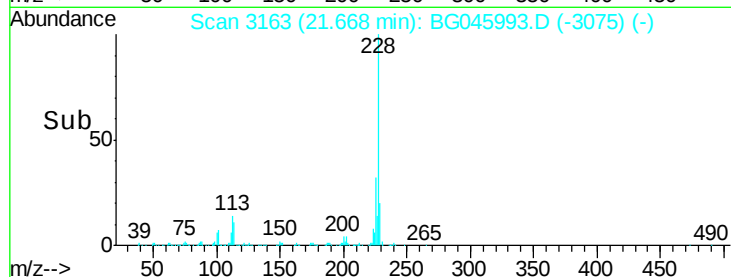
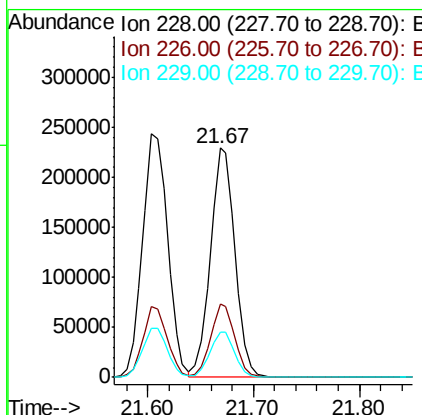
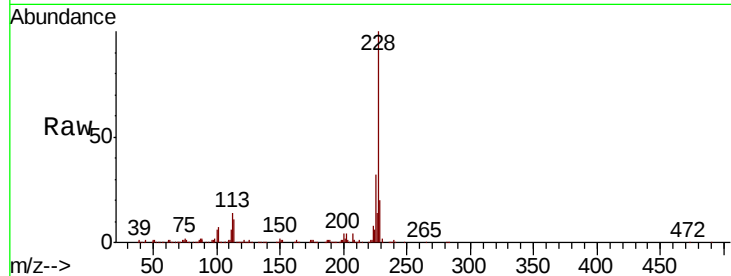
#83
 Chrysene
 Concen: 9.162 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.7	40.1
229	19.8	17.3	25.9

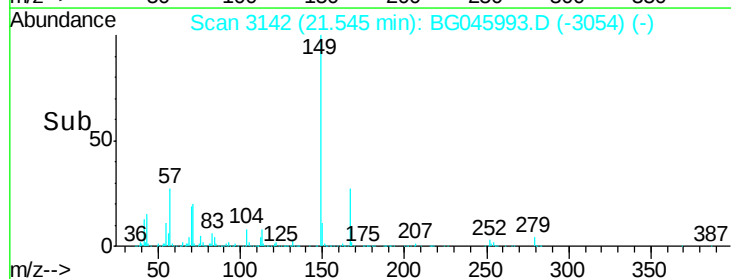
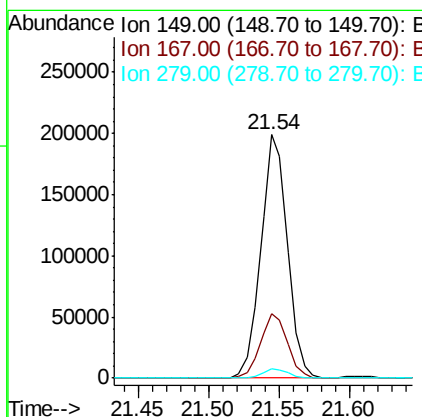
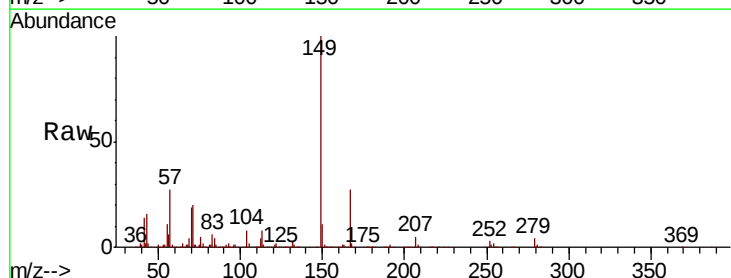
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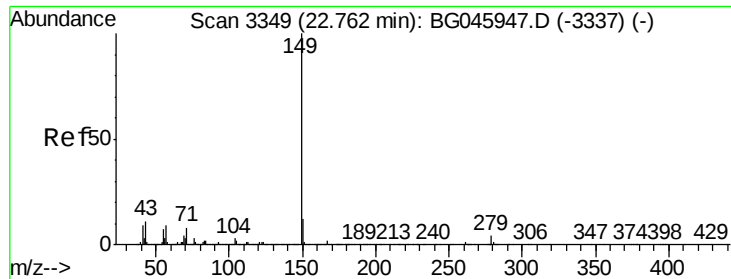
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.632 ng
 RT: 21.54 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	23.8	35.8
279	3.7	3.5	5.3





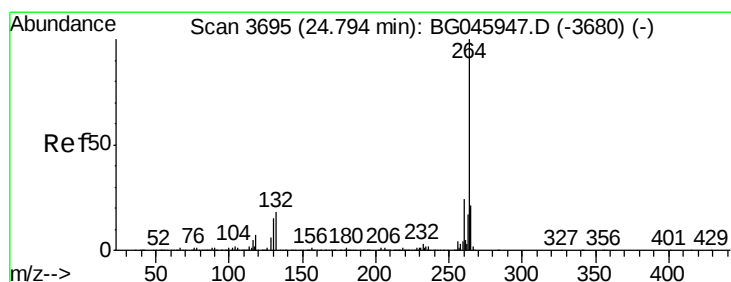
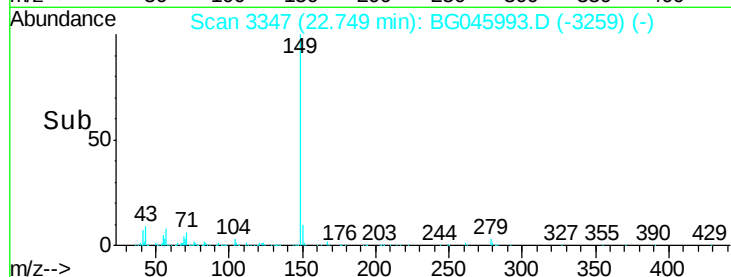
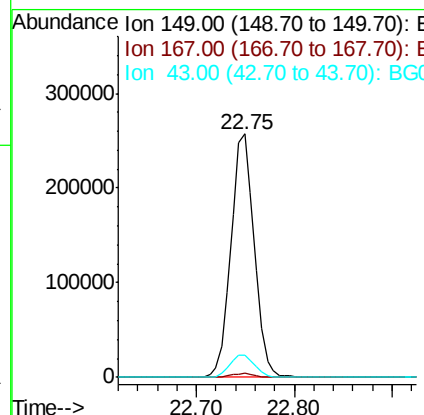
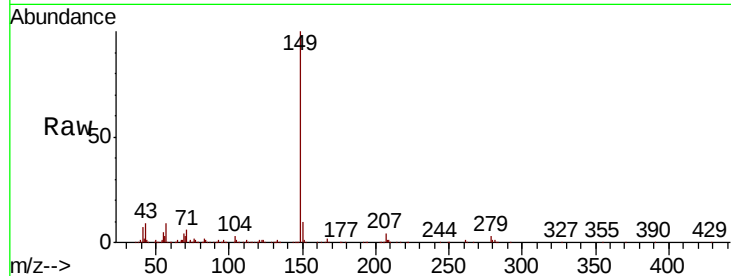
#85
Di-n-octyl phthalate
Concen: 8.030 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	425203		
167	1.6		1.4	2.0
43	9.6		8.6	12.8

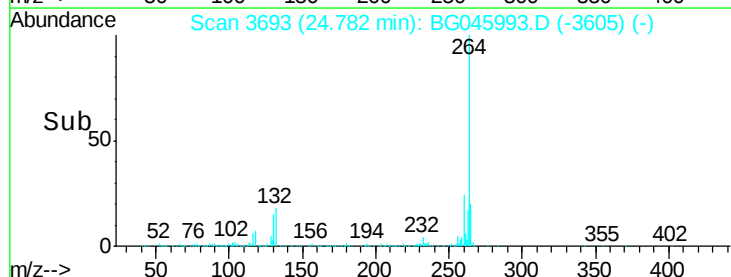
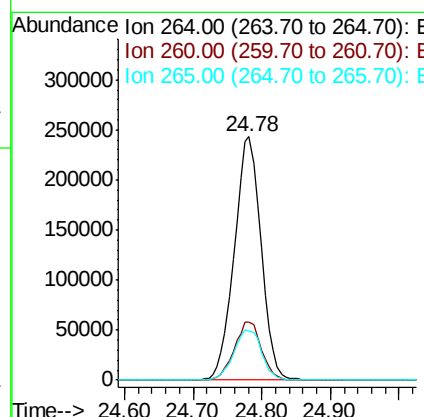
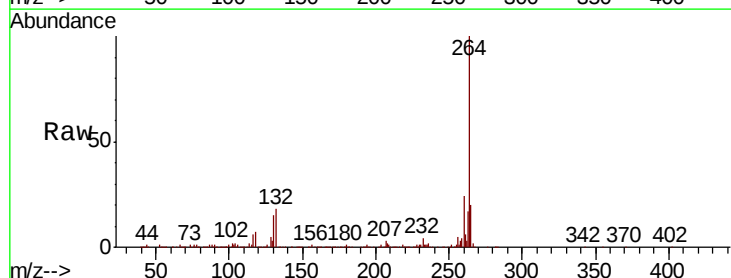
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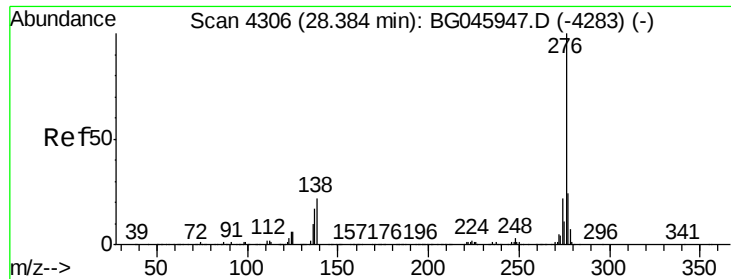
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	656954		
260	23.6		19.0	28.6
265	20.2		16.9	25.3





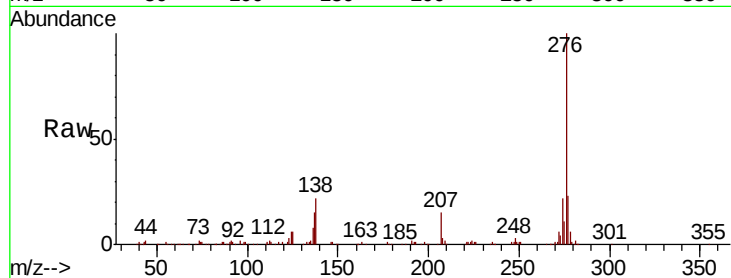
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.907 ng
 RT: 28.35 min Scan# 4306
 Delta R.T. -0.04 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	16.4	24.6#
277	25.1	20.6	31.0

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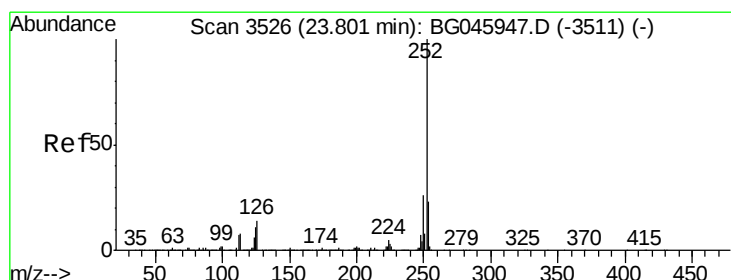
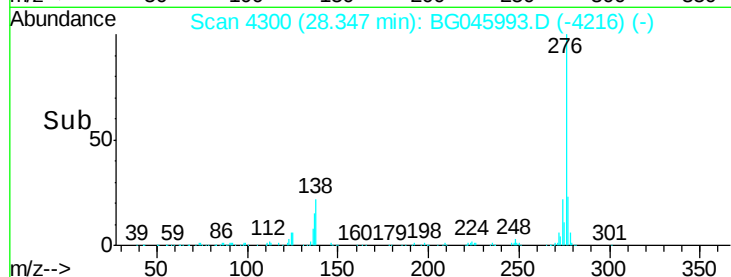
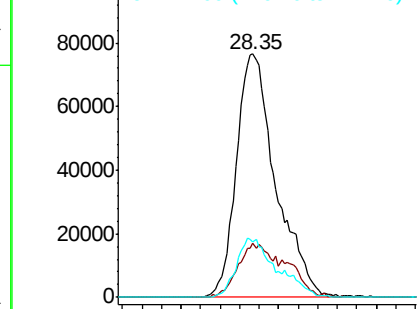


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 9.114 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.02 min
 Lab File: BG045993.D
 Acq: 9 Jul 2020 13:43

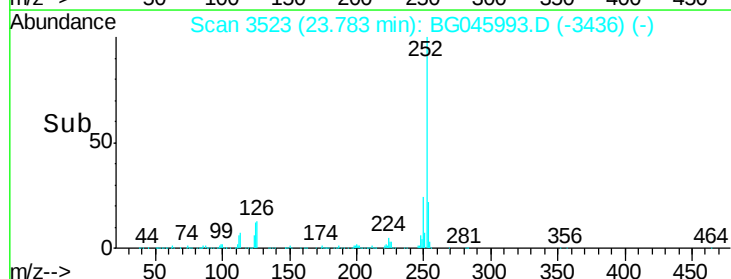
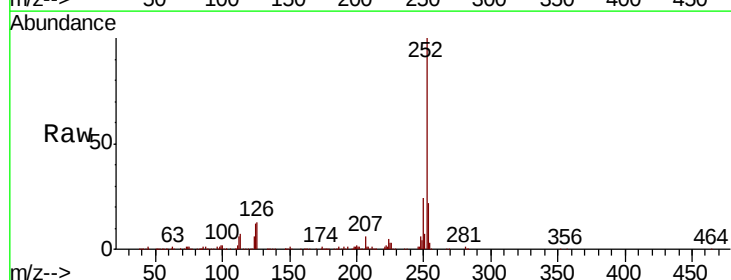
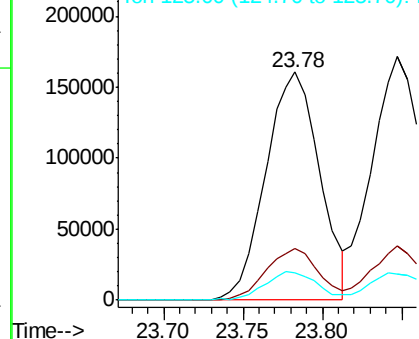
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	12.0	9.2	13.8

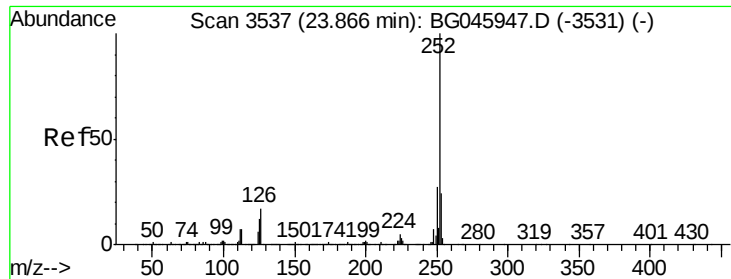
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 9.922 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Instrument :

BNA_G

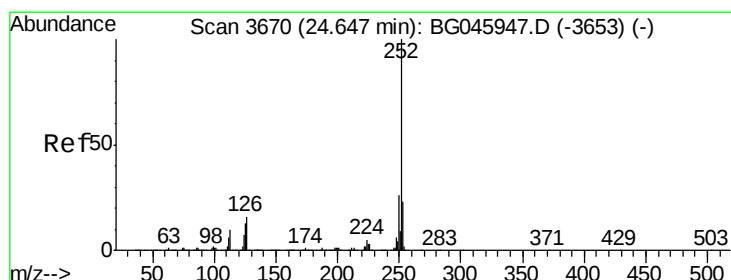
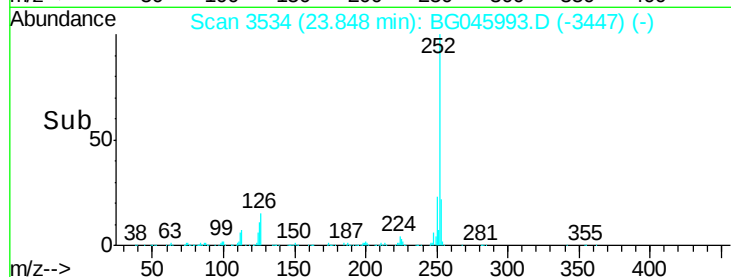
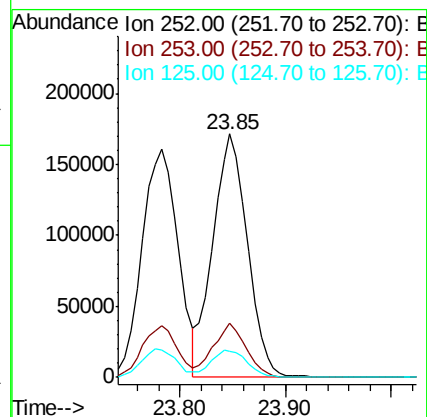
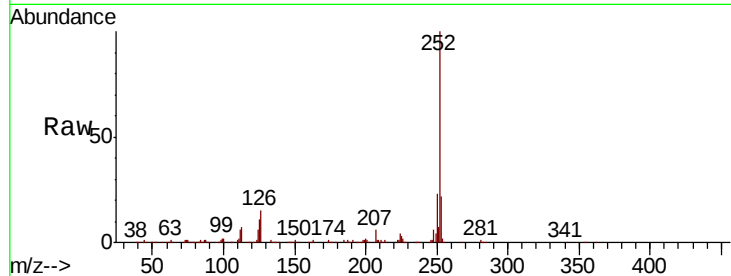
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	252	Resp:	391246
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.9	28.3
125	10.8	9.6	14.4

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#90

Benzo(a)pyrene

Concen: 8.947 ng

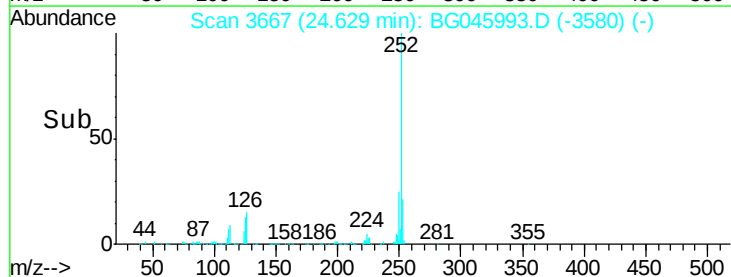
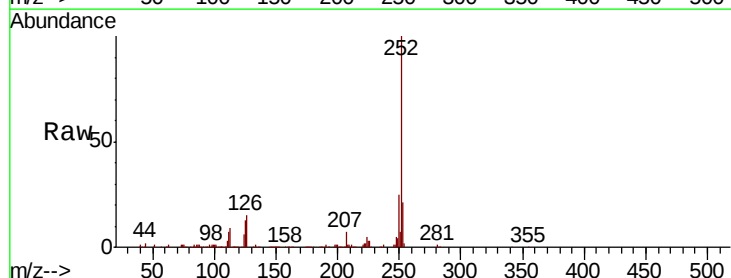
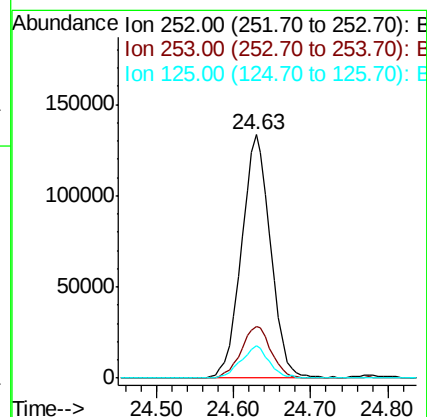
RT: 24.63 min Scan# 3667

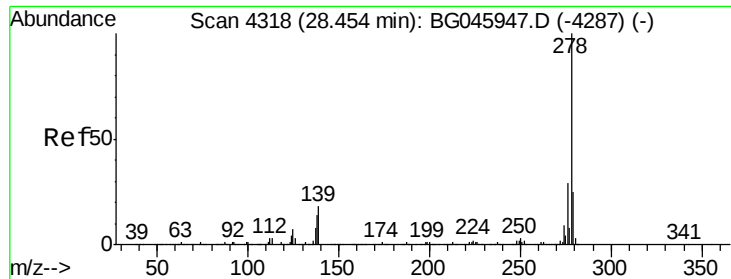
Delta R.T. -0.02 min

Lab File: BG045993.D

Acq: 9 Jul 2020 13:43

Tgt Ion:	252	Resp:	350871
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.6	28.0
125	13.1	10.5	15.7





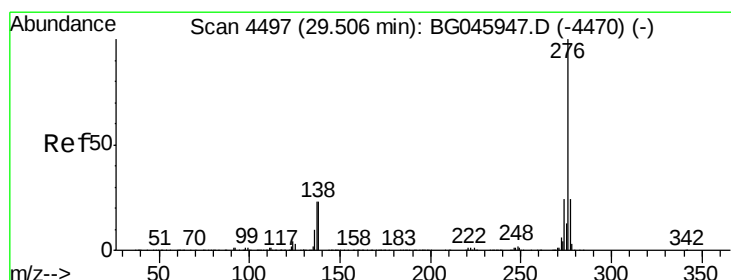
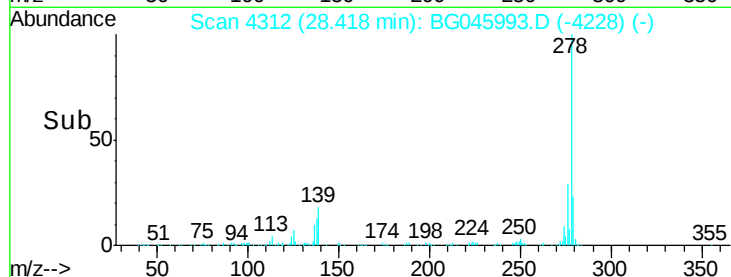
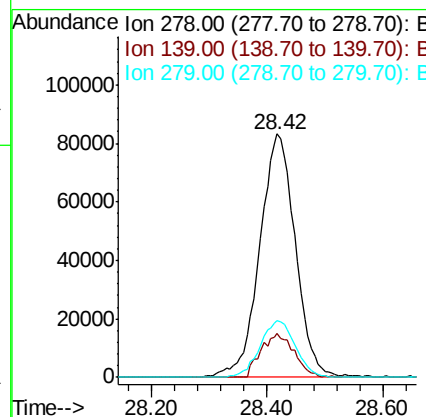
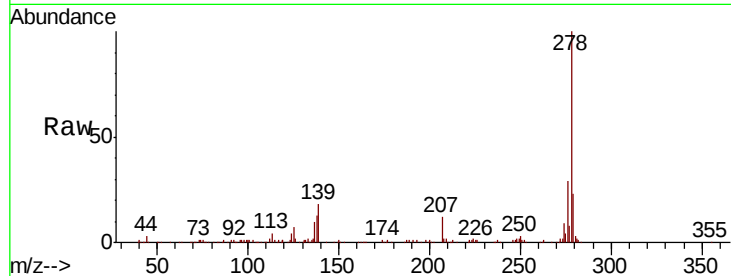
#91
Dibenzo(a,h)anthracene
Concen: 9.224 ng
RT: 28.42 min Scan# 4312
Delta R.T. -0.04 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.3	21.5
279	23.5	19.8	29.6

Manual Integrations
APPROVED

mohammad
7/10/2020 11:47:13 AM



#92
Benzo(g,h,i)perylene
Concen: 9.151 ng
RT: 29.46 min Scan# 4489
Delta R.T. -0.05 min
Lab File: BG045993.D
Acq: 9 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.4	29.0
138	19.9	18.6	28.0

