

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045969.D
 Acq On : 7 Jul 2020 21:22
 Operator : CG/JU
 Sample : L3216-07
 Misc : LOD-MDL-WTR-5PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Manual Integrations
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mohammad
 7/9/2020 10:55:44 AM

Quant Time: Jul 08 04:38:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 08 04:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	127759	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	507615	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	291630	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	599644	20.00	ng	0.00
76) Chrysene-d12	21.63	240	560190	20.00	ng	0.00
86) Perylene-d12	24.78	264	559663	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1269637	161.16	ng	0.00
7) Phenol-d6	7.17	99	1750615	154.34	ng	0.00
23) Nitrobenzene-d5	9.16	82	1411852	160.09	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	474072	175.15	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2546307	136.19	ng	0.00
79) Terphenyl-d14	19.99	244	2980305	118.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	22175	6.101	ng	99
3) Pyridine	3.91	79	44960	4.091	ng	98
4) n-Nitrosodimethylamine	3.82	42	20056	5.397	ng	# 88
6) Aniline	7.33	93	71951	4.959	ng	99
8) 2-Chlorophenol	7.57	128	41955	4.947	ng	93
9) Benzaldehyde	7.14	77	50887	7.081	ng	98
10) Phenol	7.19	94	55528	4.880	ng	94
11) bis(2-Chloroethyl)ether	7.42	93	45951	4.884	ng	96
12) 1,3-Dichlorobenzene	7.90	146	48348	4.946	ng	99
13) 1,4-Dichlorobenzene	8.04	146	47925	4.984	ng	93
14) 1,2-Dichlorobenzene	8.36	146	44126	4.768	ng	94
15) Benzyl Alcohol	8.23	79	41182	4.631	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	58985	4.805	ng	96
17) 2-Methylphenol	8.44	107	37413	4.382	ng	97
18) Hexachloroethane	9.09	117	19010	5.138	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	39873	5.004	ng	97
20) 3+4-Methylphenols	8.76	107	49650	4.267	ng	99
22) Acetophenone	8.82	105	71902	5.302	ng	# 97
24) Nitrobenzene	9.20	77	56975	5.853	ng	96
25) Isophorone	9.73	82	102340	4.753	ng	98
26) 2-Nitrophenol	9.91	139	14899	4.696	ng	# 93
27) 2,4-Dimethylphenol	9.97	122	38692	5.049	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	59492	4.921	ng	# 97
29) 2,4-Dichlorophenol	10.45	162	36450	4.595	ng	94
30) 1,2,4-Trichlorobenzene	10.67	180	42097	4.789	ng	98
31) Naphthalene	10.85	128	133682	4.913	ng	# 96
32) Benzoic acid	10.02	122	9700m	2.338	ng	
33) 4-Chloroaniline	10.95	127	55442	4.559	ng	99
34) Hexachlorobutadiene	11.15	225	23120	4.505	ng	91
35) Caprolactam	11.69	113	11672	3.875	ng	# 76
36) 4-Chloro-3-methylphenol	12.07	107	40940	4.531	ng	96
37) 2-Methylnaphthalene	12.46	142	99608	5.149	ng	97
38) 1-Methylnaphthalene	12.68	142	92461	5.065	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	44317	5.391	ng	99

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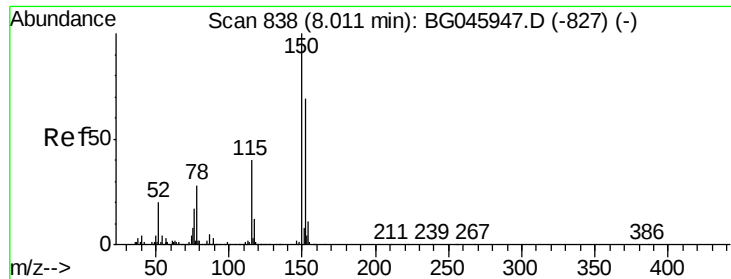
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	24718	5.067	ng	98
43) 2,4,6-Trichlorophenol	13.06	196	26386	4.746	ng	96
44) 2,4,5-Trichlorophenol	13.13	196	28034	4.460	ng	95
46) 1,1'-Biphenyl	13.46	154	125336	5.713	ng	96
47) 2-Chloronaphthalene	13.50	162	85675	4.950	ng	92
48) 2-Nitroaniline	13.69	65	21031	5.192	ng	92
49) Acenaphthylene	14.35	152	147965	5.298	ng	94
50) Dimethylphthalate	14.08	163	110397	5.044	ng	97
51) 2,6-Dinitrotoluene	14.19	165	16323	4.807	ng	94
52) Acenaphthene	14.69	154	87610	4.973	ng	99
53) 3-Nitroaniline	14.51	138	17988	4.274	ng #	77
54) 2,4-Dinitrophenol	14.71	184	3569	2.979	ng #	1
55) Dibenzofuran	15.03	168	135227	5.237	ng #	96
56) 4-Nitrophenol	14.81	139	14905	4.180	ng	92
57) 2,4-Dinitrotoluene	14.97	165	18584	4.429	ng #	88
58) Fluorene	15.68	166	109453	5.167	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	22128	4.559	ng #	90
60) Diethylphthalate	15.45	149	113745	4.956	ng	93
61) 4-Chlorophenyl-phenylether	15.67	204	53536	5.080	ng	93
62) 4-Nitroaniline	15.67	138	19662	4.347	ng	96
63) Azobenzene	15.97	77	126861	5.150	ng	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	5740	3.268	ng	93
66) n-Nitrosodiphenylamine	15.88	169	95788	5.155	ng	94
67) 4-Bromophenyl-phenylether	16.56	248	30889	4.612	ng	95
68) Hexachlorobenzene	16.68	284	32166	4.786	ng #	92
69) Atrazine	16.83	200	31341	5.705	ng	96
70) Pentachlorophenol	17.02	266	14380	3.849	ng	90
71) Phenanthrene	17.41	178	167626	5.288	ng	97
72) Anthracene	17.50	178	172825	5.372	ng	96
73) Carbazole	17.76	167	162221	5.031	ng #	95
74) Di-n-butylphthalate	18.34	149	200009	5.133	ng #	95
75) Fluoranthene	19.42	202	198804	5.425	ng	96
77) Benzidine	19.60	184	99812	6.232	ng	99
78) Pyrene	19.78	202	200588	5.246	ng	93
80) Butylbenzylphthalate	20.68	149	79268	4.387	ng	98
81) Benzo(a)anthracene	21.61	228	192235	5.219	ng	94
82) 3,3'-Dichlorobenzidine	21.52	252	69595	5.113	ng	92
83) Chrysene	21.68	228	178345	5.082	ng	93
84) Bis(2-ethylhexyl)phthalate	21.55	149	124869	4.761	ng	94
85) Di-n-octyl phthalate	22.76	149	202603	4.451	ng	100
87) Indeno(1,2,3-cd)pyrene	28.35	276	198840	4.856	ng #	91
88) Benzo(b)fluoranthene	23.78	252	184344	5.189	ng	98
89) Benzo(k)fluoranthene	23.85	252	179982	5.358	ng	100
90) Benzo(a)pyrene	24.63	252	166691	4.990	ng	95
91) Dibenzo(a,h)anthracene	28.43	278	166875	5.053	ng	96
92) Benzo(g,h,i)perylene	29.46	276	169936	5.114	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

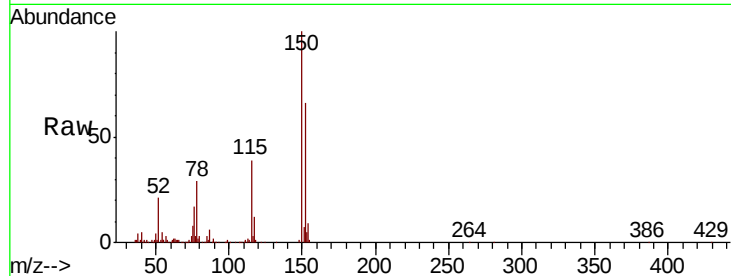
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	116.7	175.1
115	59.9	47.4	71.0

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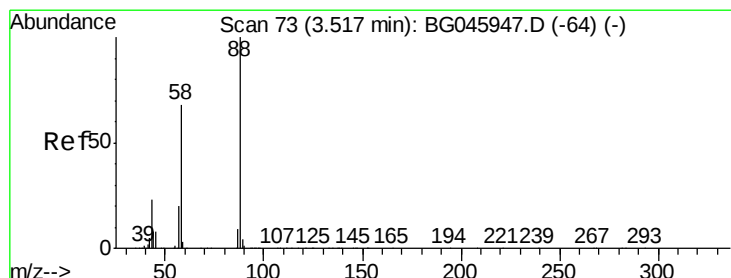
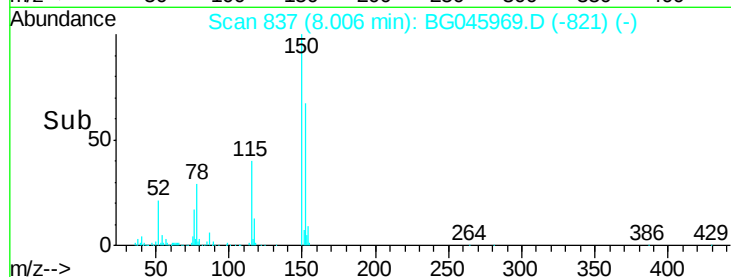
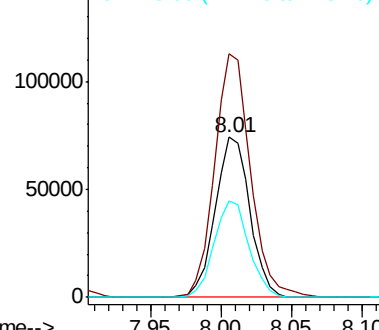


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 6.101 ng

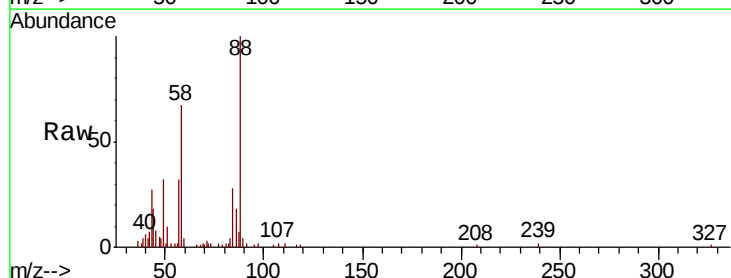
RT: 3.52 min Scan# 73

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	55.2	82.8
43	24.5	19.4	29.0

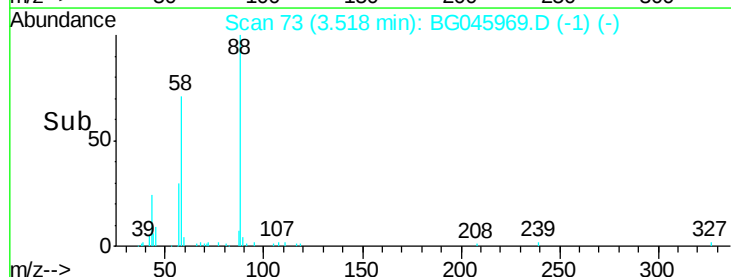
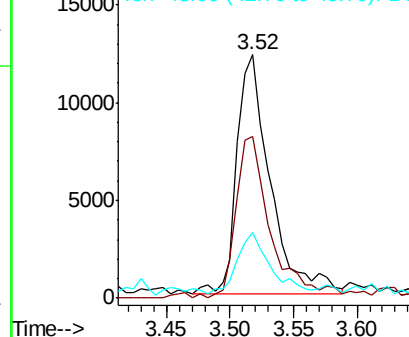


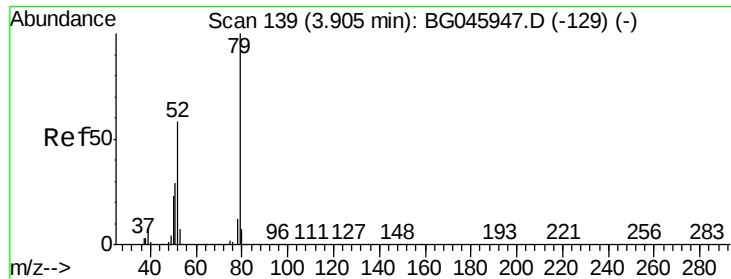
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 4.091 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

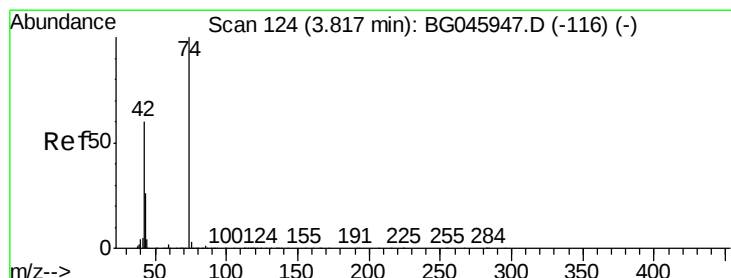
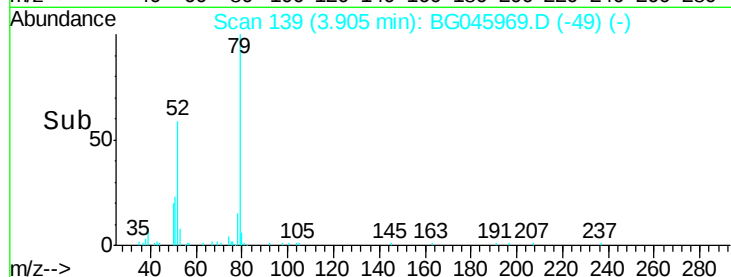
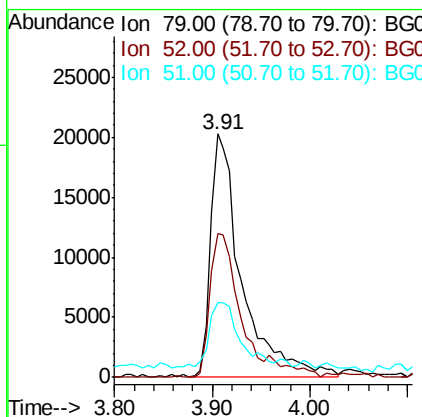
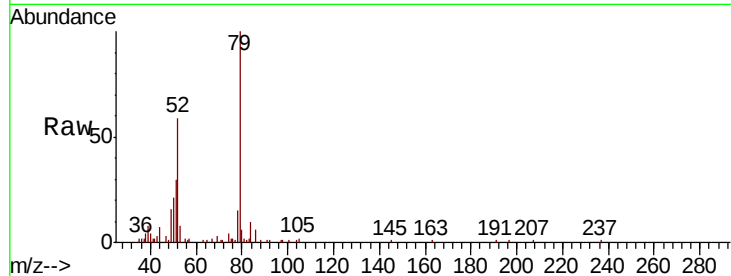
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	79	Resp:	44960
Ion	Ratio	Lower	Upper
79	100		
52	59.3	46.5	69.7
51	30.5	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 5.397 ng

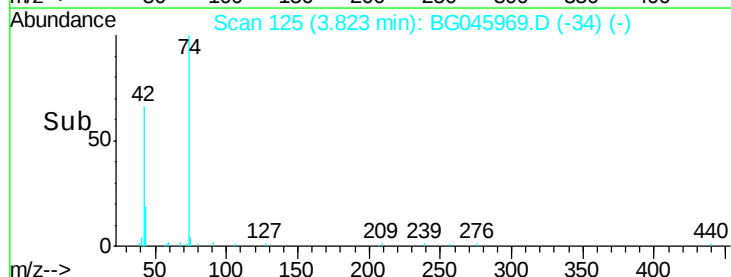
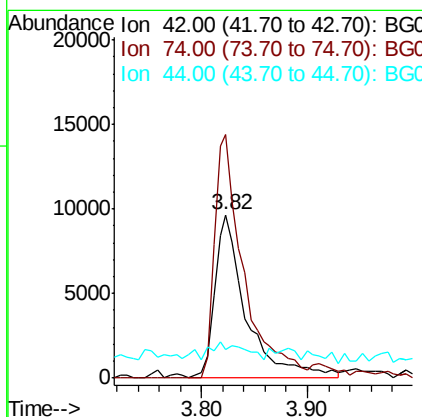
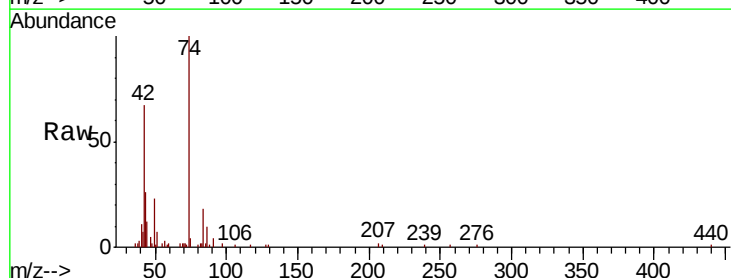
RT: 3.82 min Scan# 125

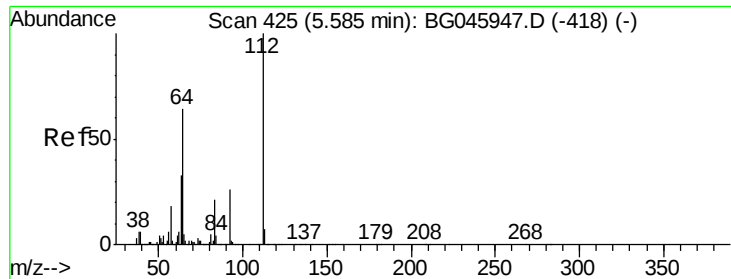
Delta R.T. 0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion:	42	Resp:	20056
Ion	Ratio	Lower	Upper
42	100		
74	149.0	131.9	197.9
44	17.8	7.7	11.5





#5

2-Fluorophenol

Concen: 161.157 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

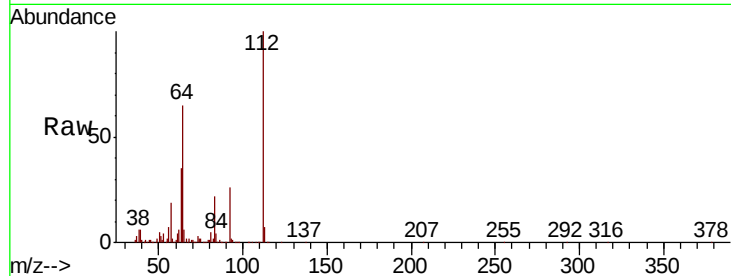
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

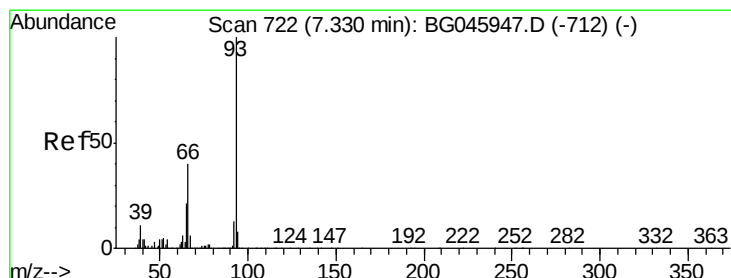
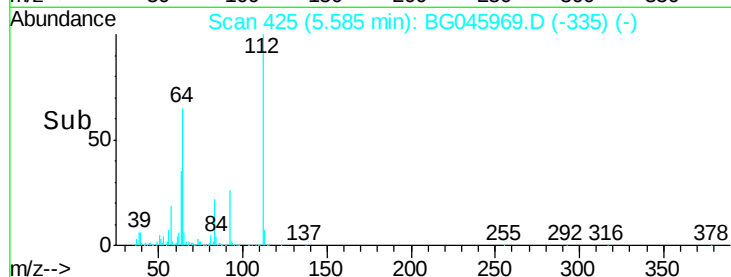
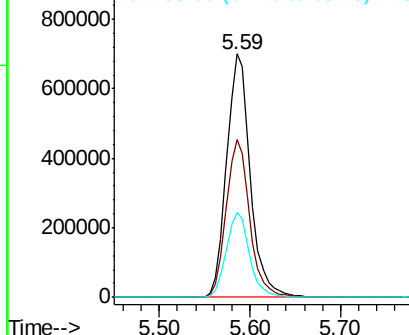
Tot Ion:	112	Resp:	1269637
Ion	Ratio	Lower	Upper
112	100		
64	64.9	51.4	77.2
63	34.9	26.6	40.0

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 4.959 ng

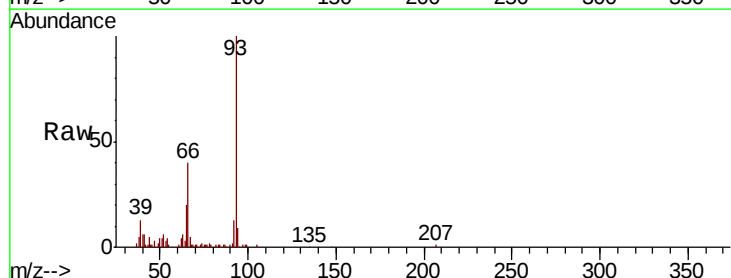
RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

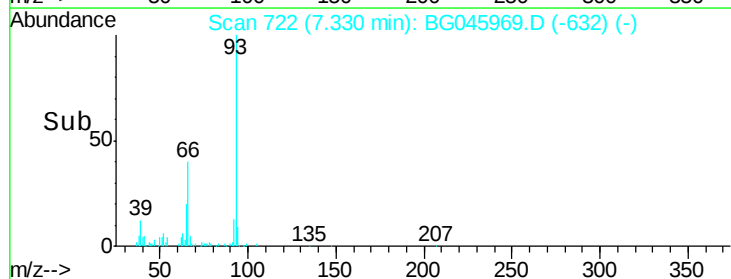
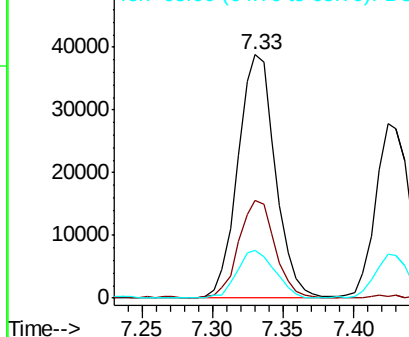
Lab File: BG045969.D

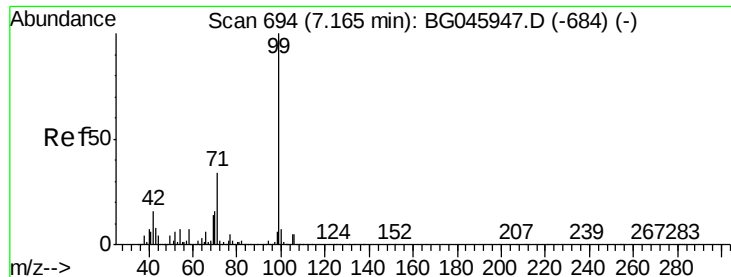
Acq: 7 Jul 2020 21:22

Tgt Ion:	93	Resp:	71951
Ion	Ratio	Lower	Upper
93	100		
66	40.0	32.3	48.5
65	19.5	16.6	25.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.342 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 99 Resp: 1750615

Ion Ratio Lower Upper

99 100

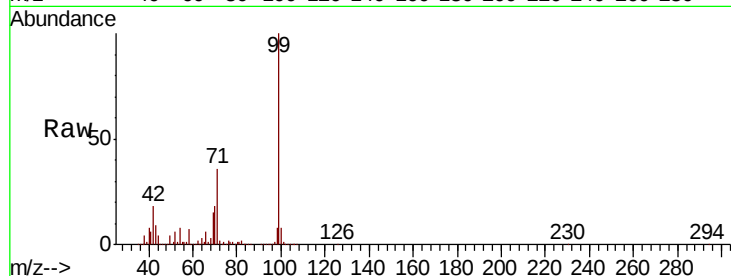
42 18.3 13.0 19.4

71 36.0 27.5 41.3

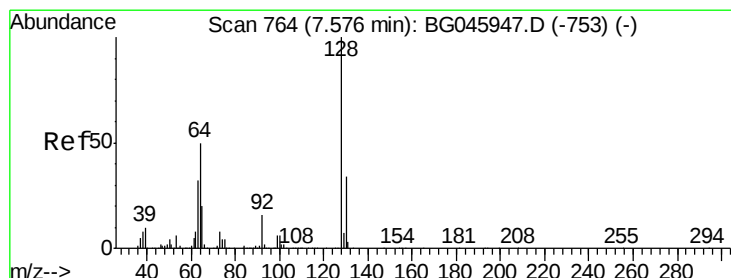
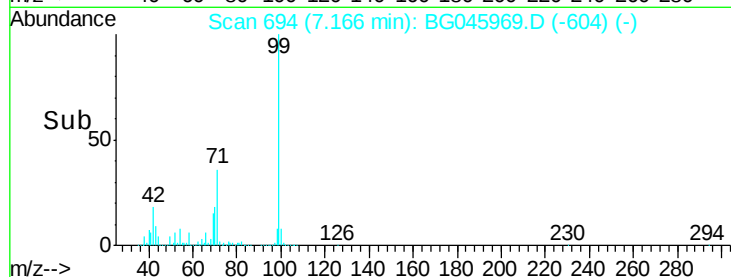
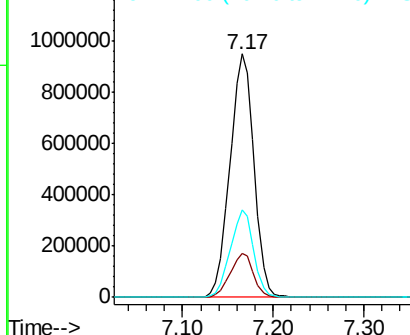
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 4.947 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

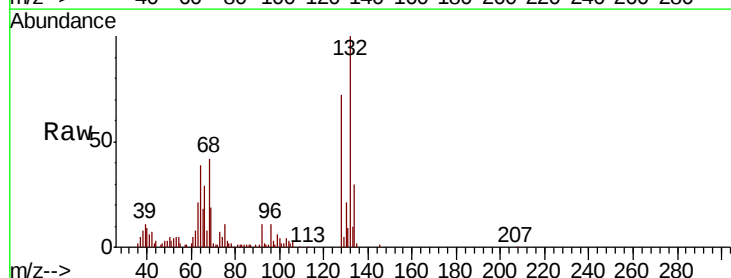
Tgt Ion:128 Resp: 41955

Ion Ratio Lower Upper

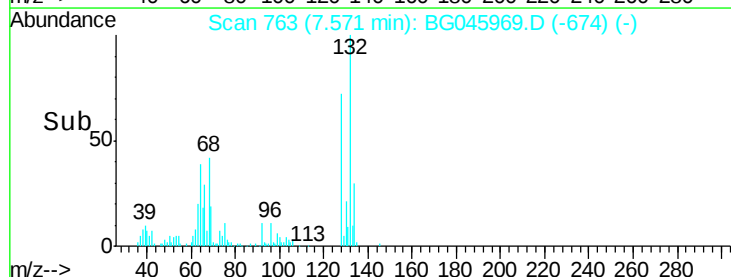
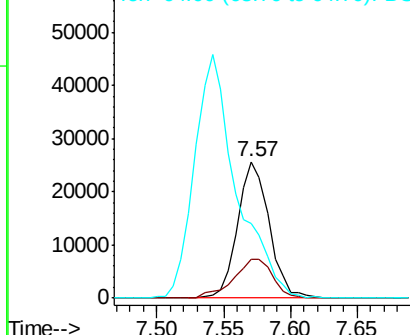
128 100

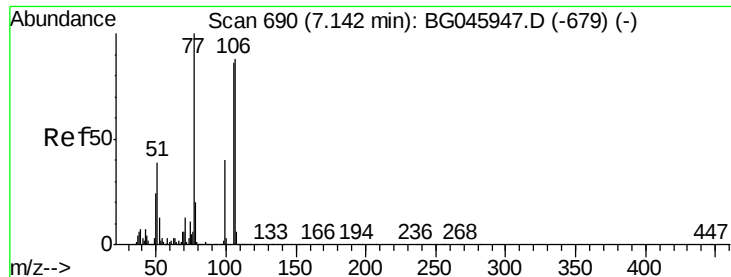
130 28.4 13.6 53.6

64 54.3 30.6 70.6



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





#9

Benzaldehyde

Concen: 7.081 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

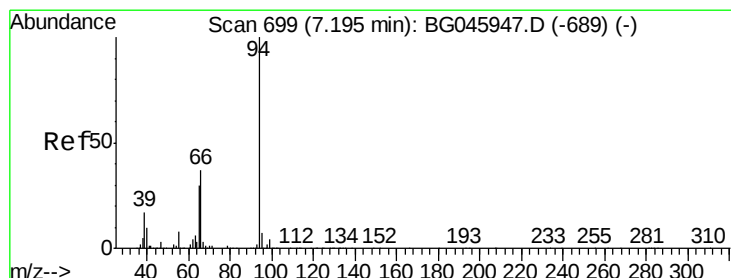
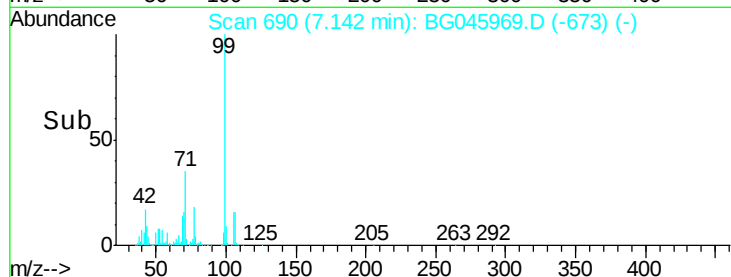
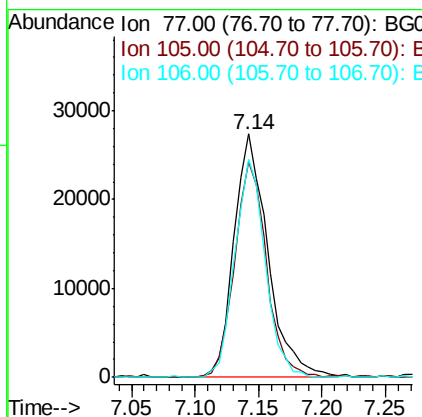
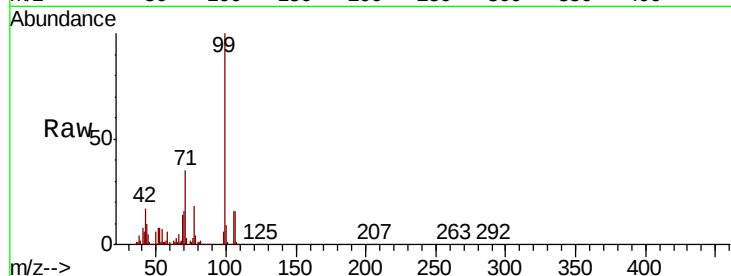
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	77	Resp:	50887
Ion	Ratio	Lower	Upper
77	100		
105	88.4	66.0	106.0
106	89.6	67.7	107.7

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#10

Phenol

Concen: 4.880 ng

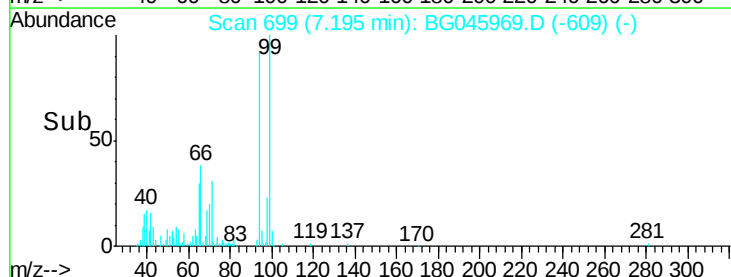
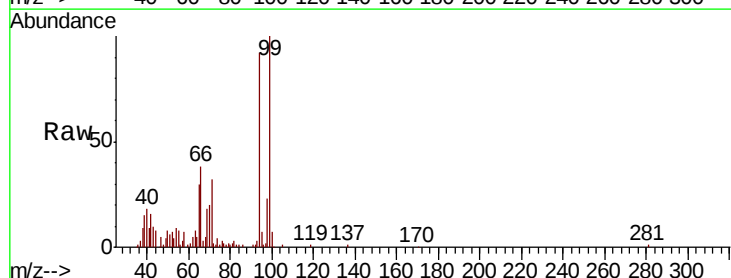
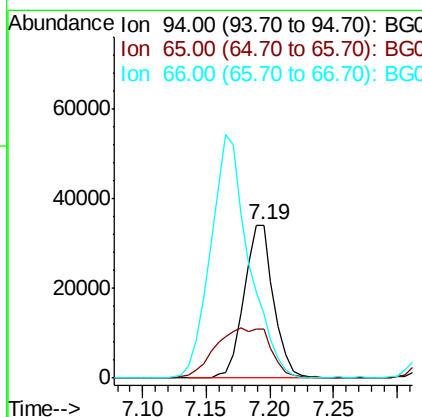
RT: 7.19 min Scan# 699

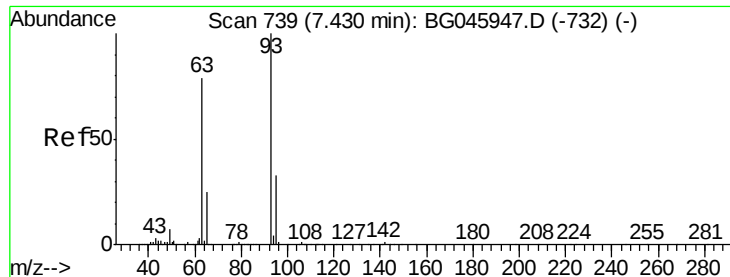
Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion:	94	Resp:	55528
Ion	Ratio	Lower	Upper
94	100		
65	32.4	10.6	50.6
66	41.8	17.1	57.1





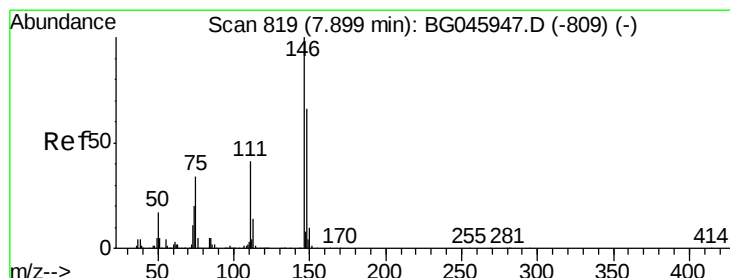
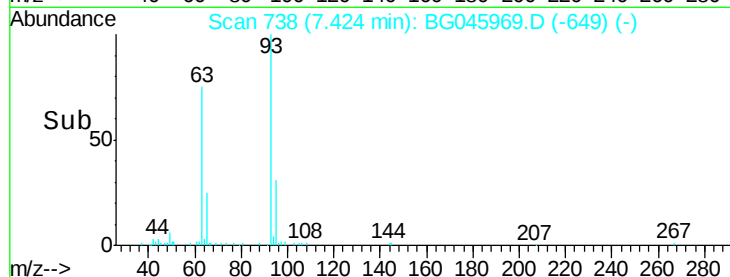
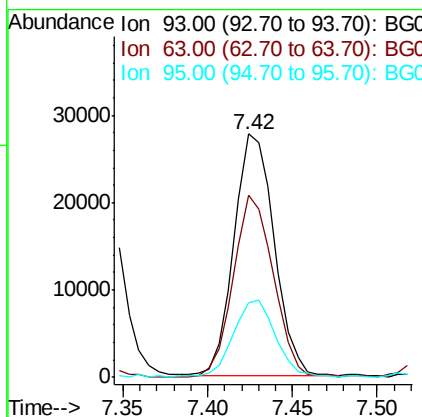
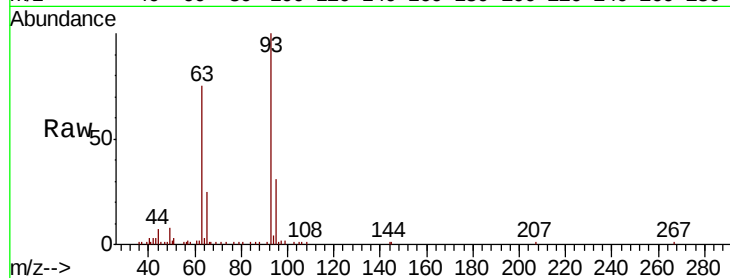
#11
bis(2-Chloroethyl)ether
Concen: 4.884 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	93	Resp	45951
Ion Ratio	Lower	Upper	
93	100		
63	74.7	58.6	98.6
95	30.8	13.3	53.3

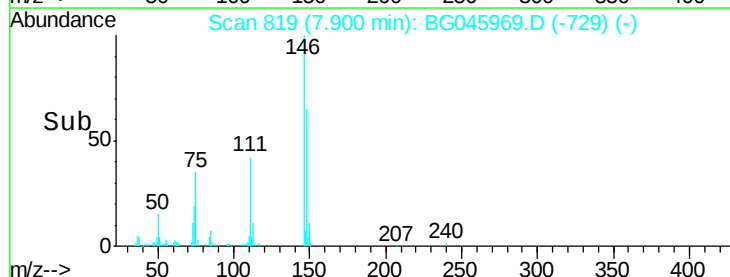
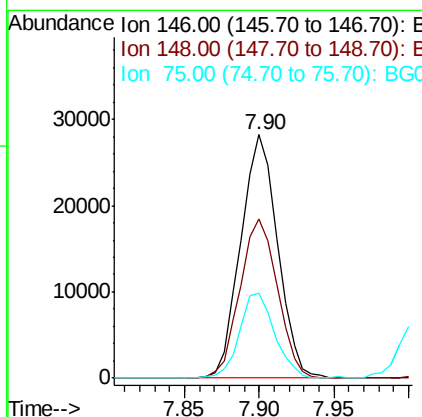
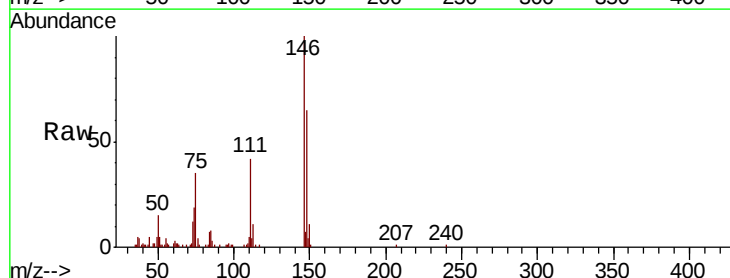
Manual Integrations
APPROVED

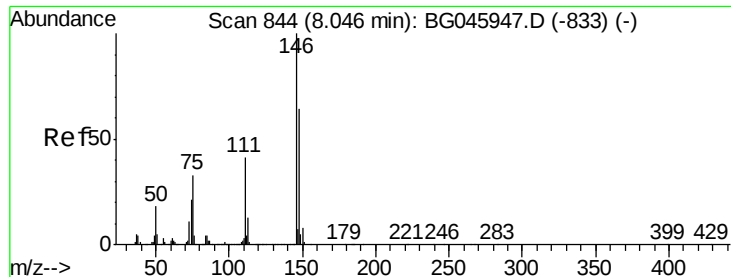
mohammad
7/9/2020 10:55:44 AM



#12
1,3-Dichlorobenzene
Concen: 4.946 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	146	Resp	48348
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.8	79.2
75	34.7	27.2	40.8





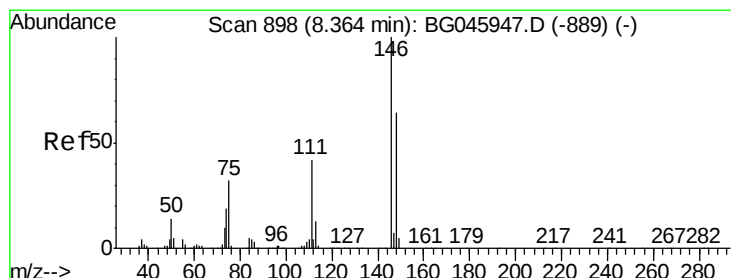
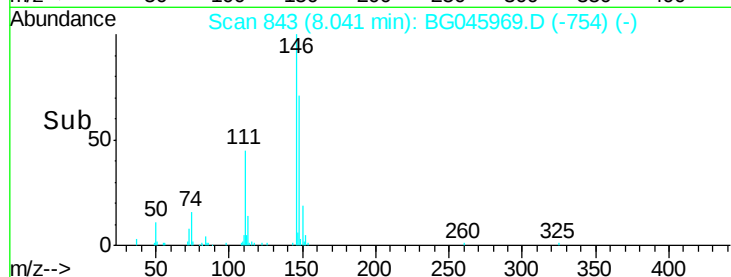
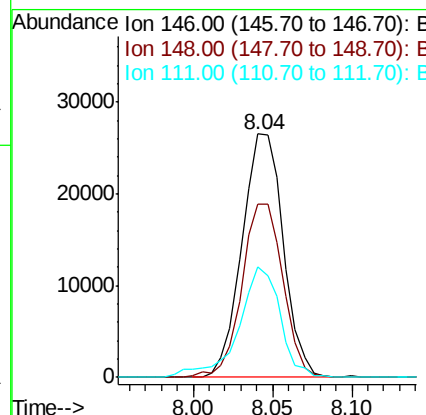
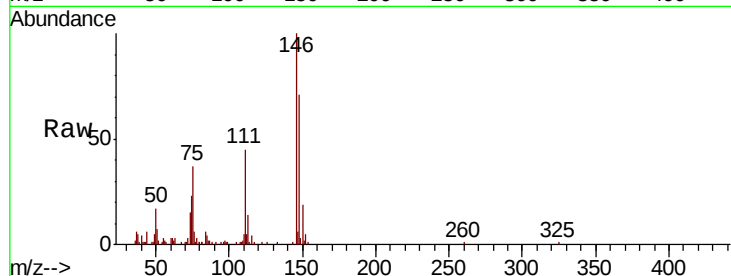
#13
1,4-Dichlorobenzene
Concen: 4.984 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	70.9	51.7	77.5
111	45.2	33.3	49.9

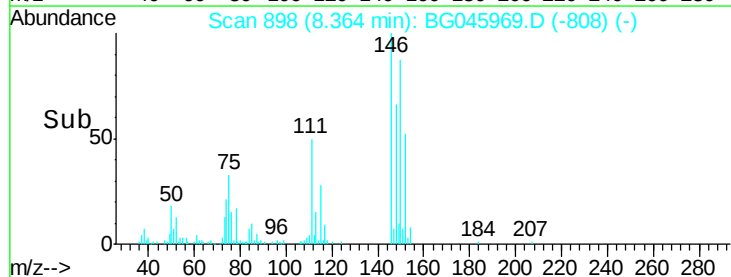
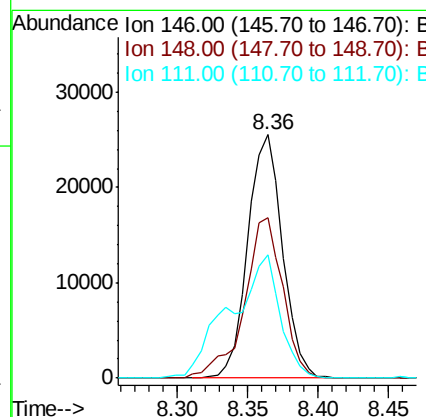
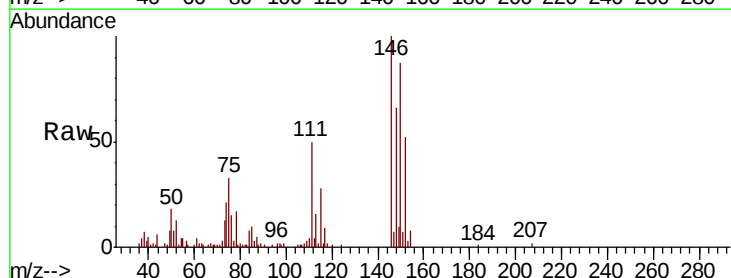
Manual Integrations
APPROVED

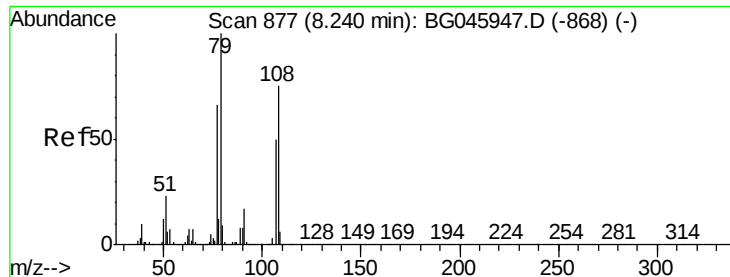
mohammad
7/9/2020 10:55:44 AM



#14
1,2-Dichlorobenzene
Concen: 4.768 ng
RT: 8.36 min Scan# 898
Delta R.T. 0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.6	77.4
111	50.5	34.0	51.0





#15

Benzyl Alcohol

Concen: 4.631 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

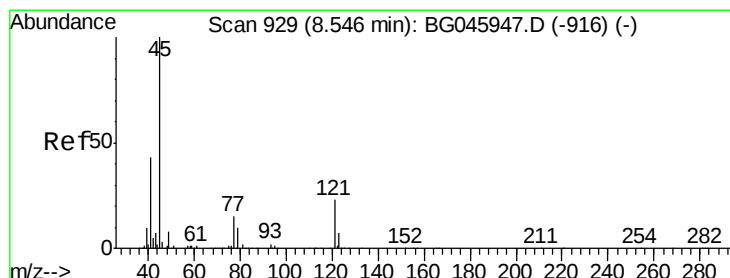
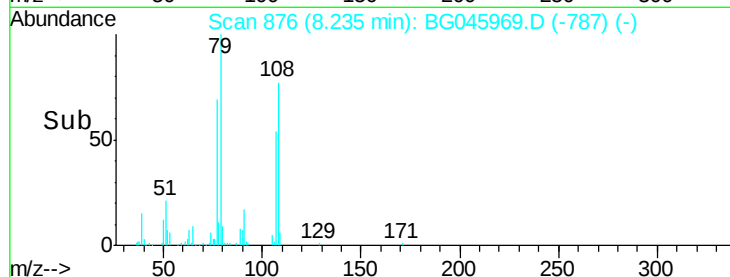
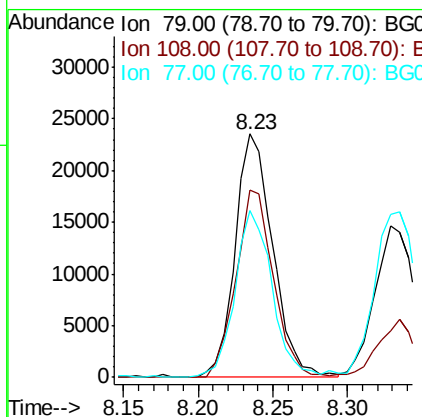
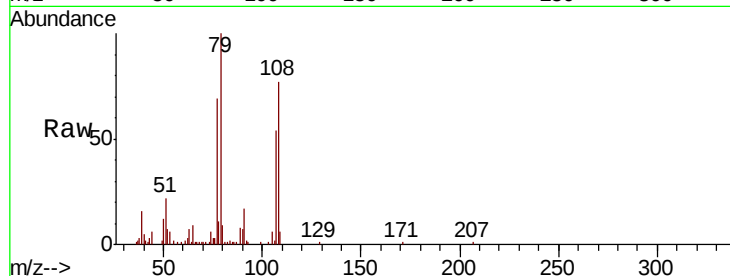
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	79	Resp:	41182
Ion	Ratio	Lower	Upper
79	100		
108	76.9	60.2	90.4
77	68.6	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.805 ng

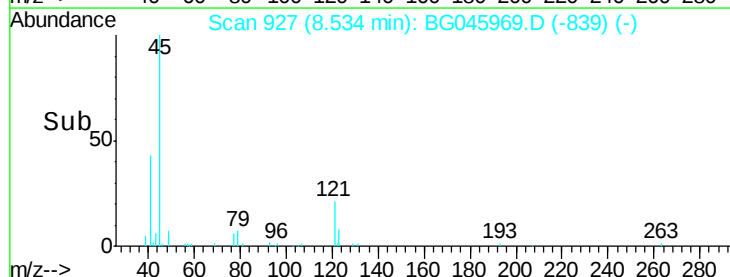
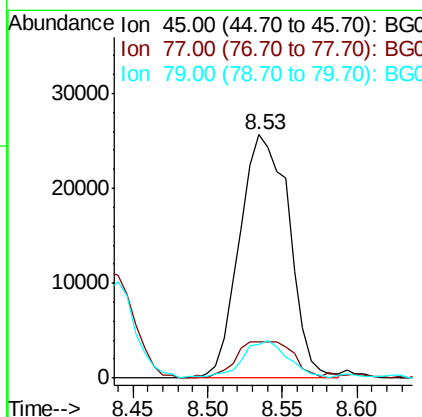
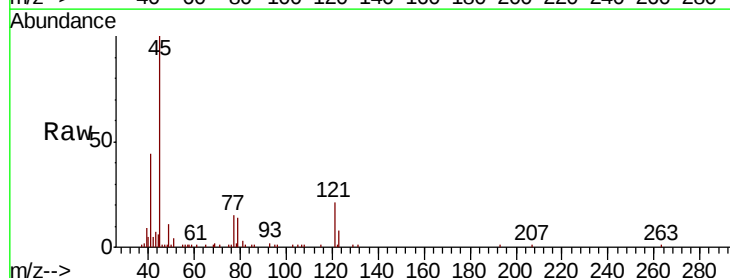
RT: 8.53 min Scan# 927

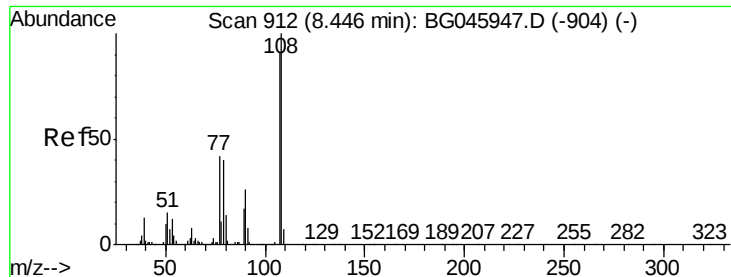
Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion:	45	Resp:	58985
Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	37.6
79	13.6	0.0	32.6





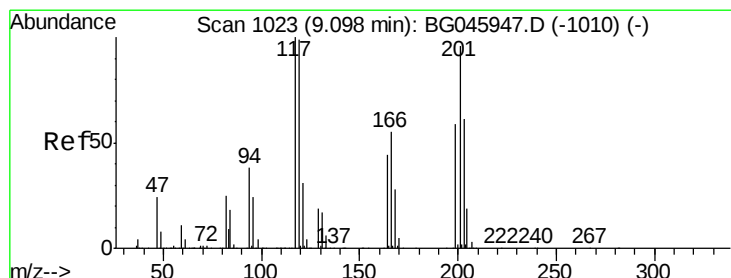
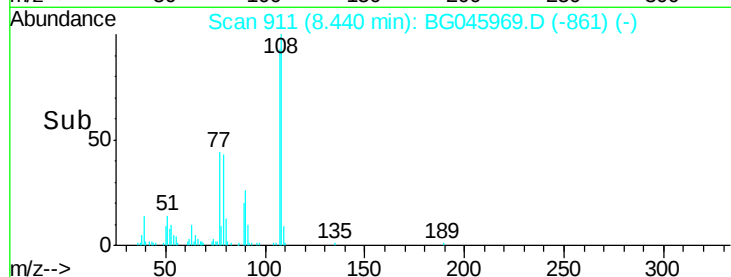
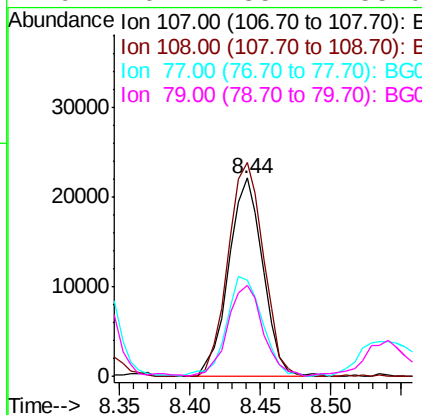
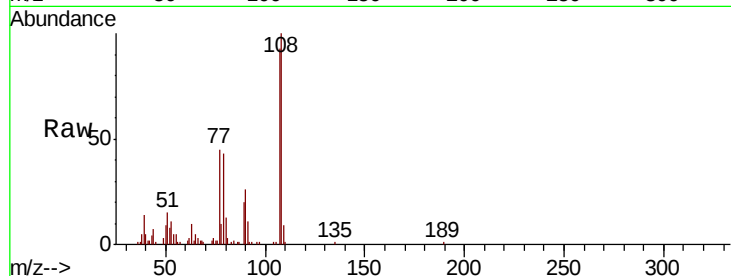
#17
2-Methylphenol
Concen: 4.382 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:	107	Resp:	37413
Ion Ratio	Lower	Upper	
107	100		
108	107.9	88.2	132.4
77	48.8	37.0	55.4
79	46.2	35.4	53.0

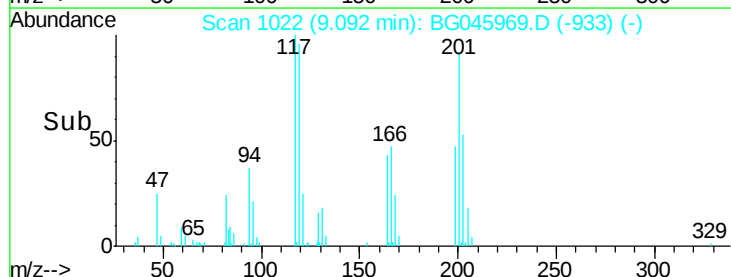
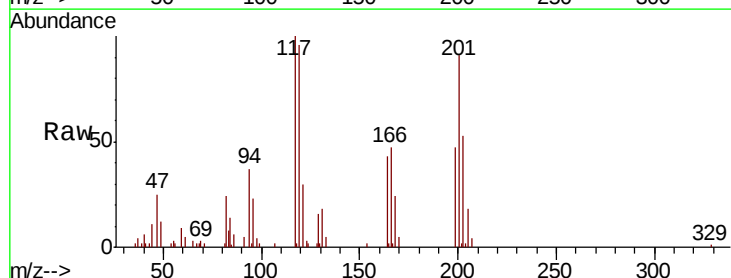
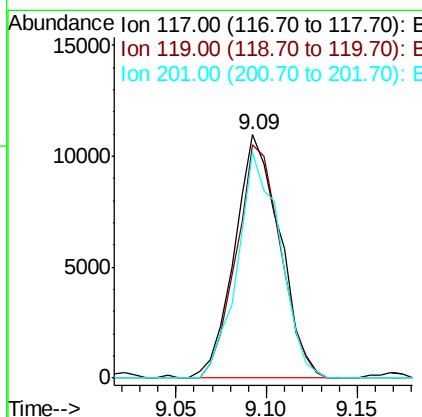
Manual Integrations
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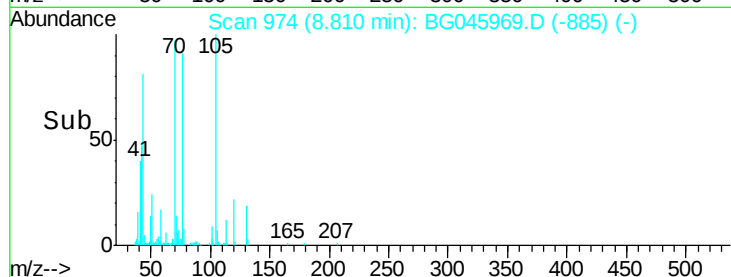
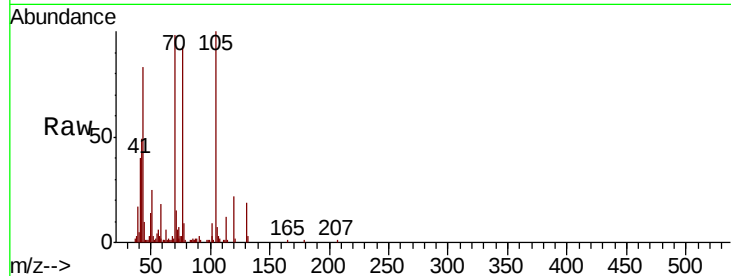
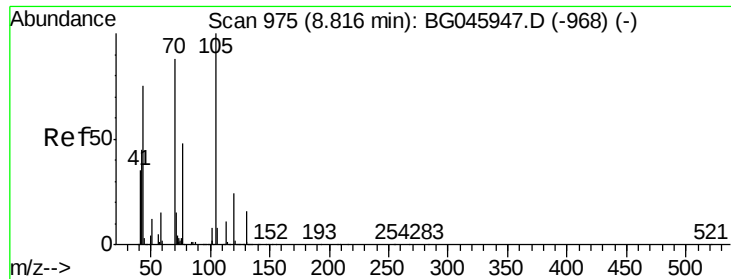
mohammad
7/9/2020 10:55:44 AM



#18
Hexachloroethane
Concen: 5.138 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion:	117	Resp:	19010
Ion Ratio	Lower	Upper	
117	100		
119	96.1	79.5	119.3
201	92.7	77.0	115.4





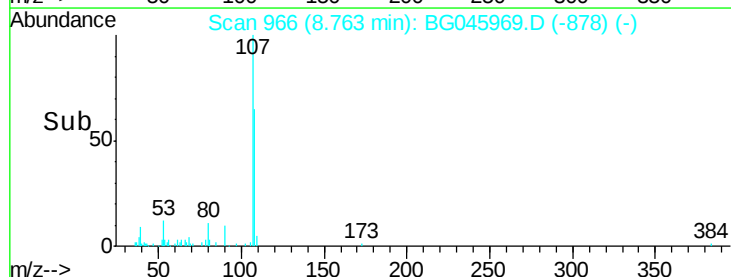
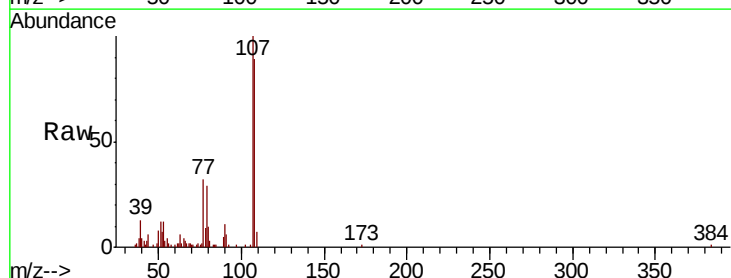
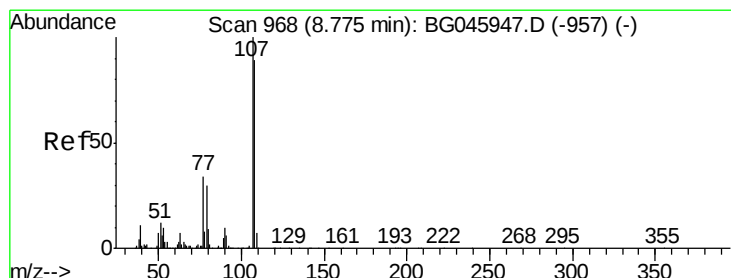
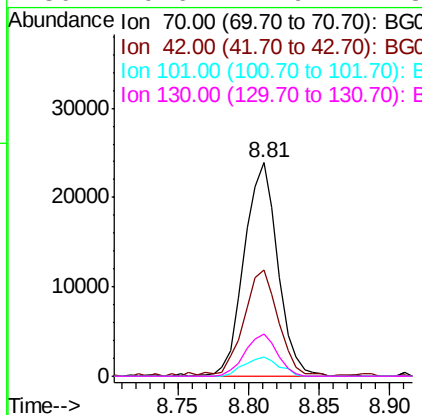
#19
n-Nitroso-di-n-propylamine
Concen: 5.004 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.6	41.4	62.0	
101	9.3	7.1	10.7	
130	19.6	14.9	22.3	

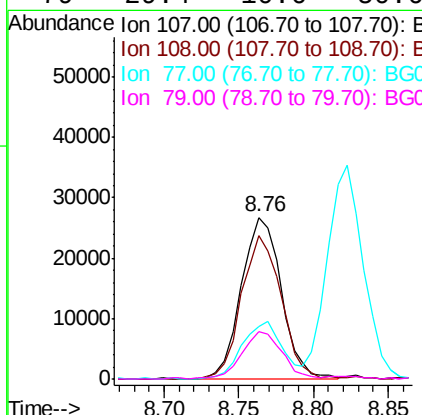
Manual Integrations
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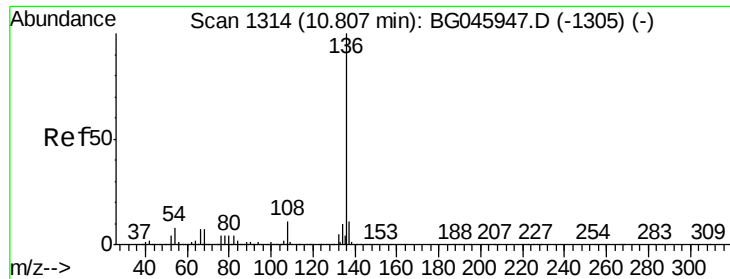
mohammad
7/9/2020 10:55:44 AM



#20
3+4-Methylphenols
Concen: 4.267 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	68.7	108.7	
77	32.2	14.6	54.6	
79	29.4	10.6	50.6	





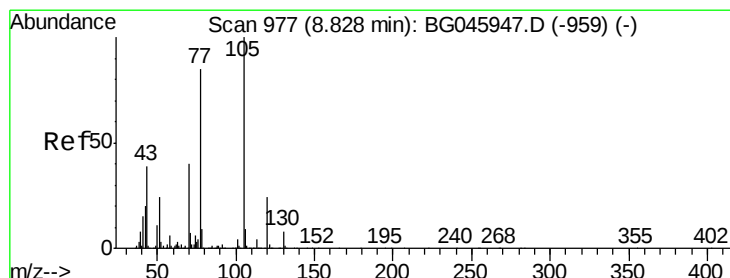
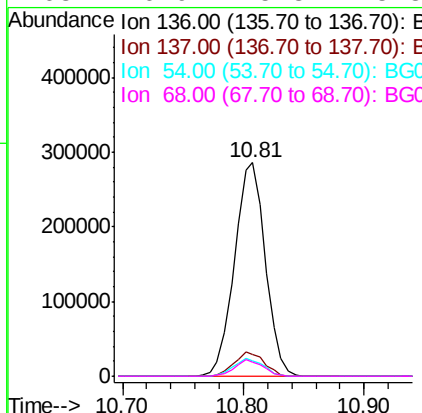
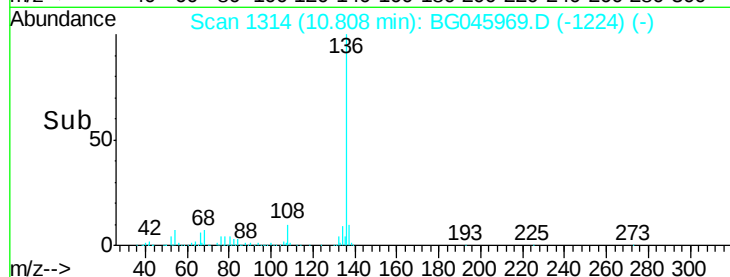
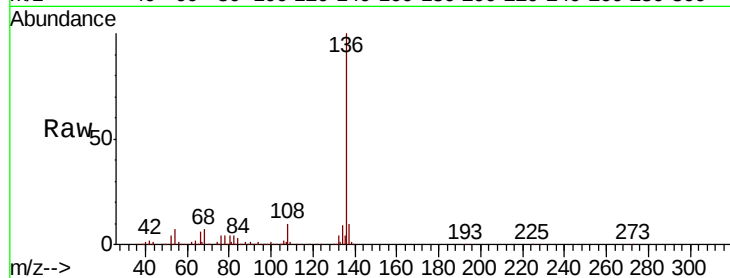
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		507615		
137	10.1		9.2	13.8	
54	7.4		6.2	9.4	
68	6.9		5.8	8.8	

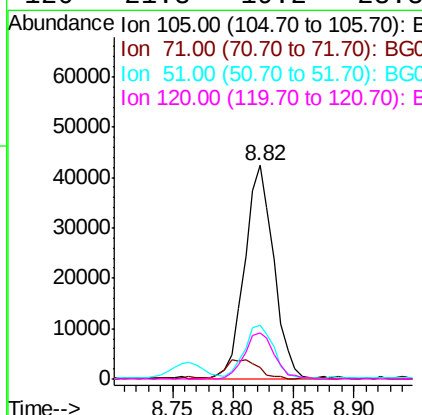
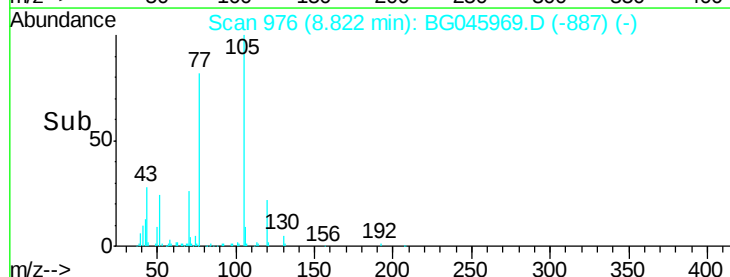
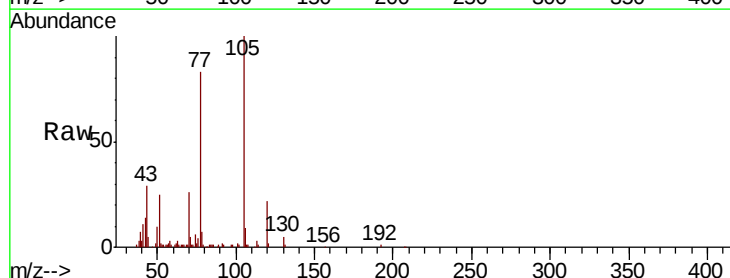
Manual Integrations
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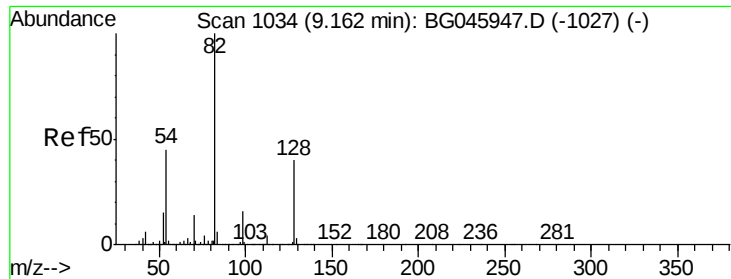
mohammad
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#22
Acetophenone
Concen: 5.302 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		71902		
71	5.2		6.2	9.2#	
51	25.1		19.7	29.5	
120	21.8		19.2	28.8	





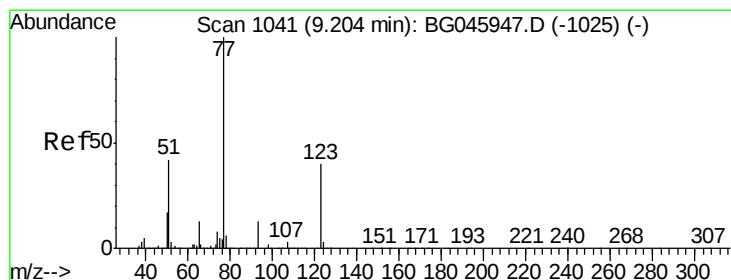
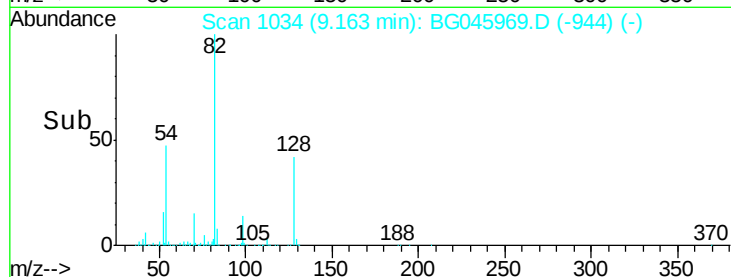
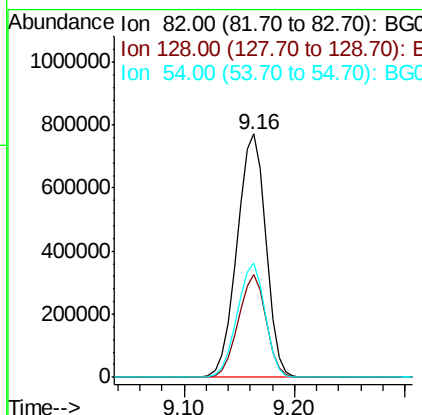
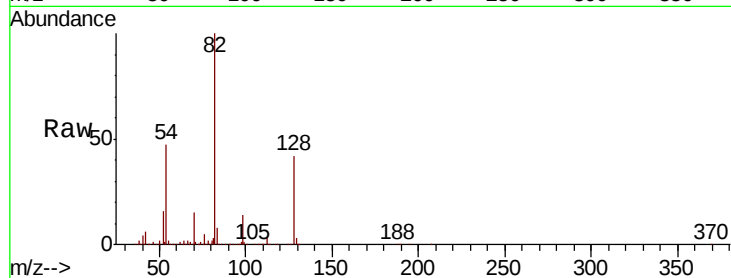
#23
Nitrobenzene-d5
Concen: 160.088 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	82	Resp	1411852
Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.2	48.4
54	46.8	35.8	53.6

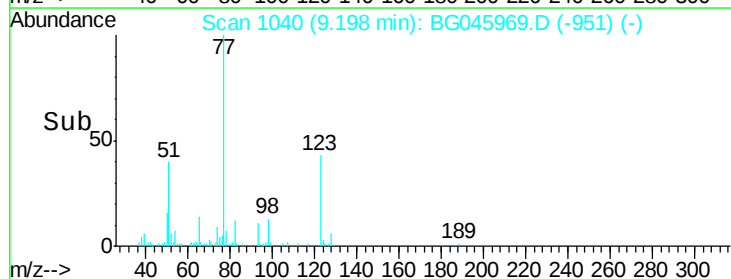
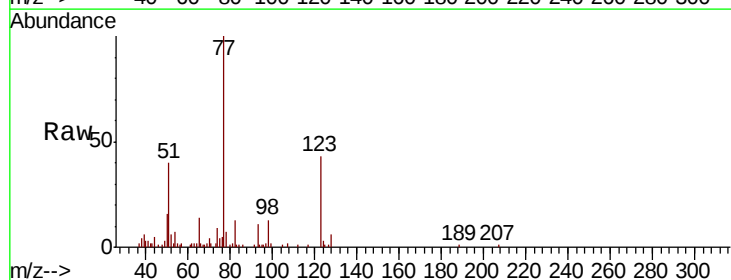
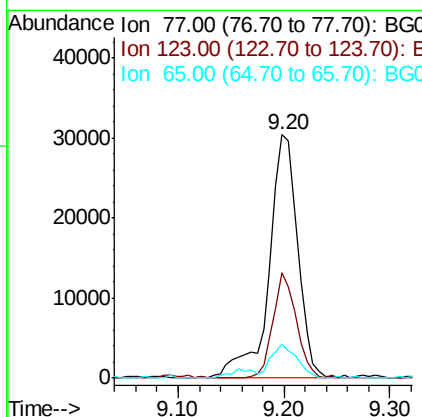
Manual Integrations
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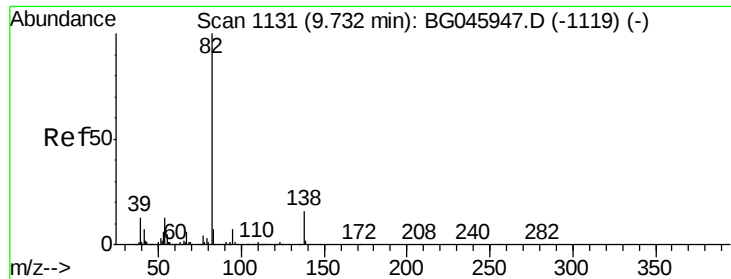
mohammad
7/9/2020 10:55:44 AM



#24
Nitrobenzene
Concen: 5.853 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	77	Resp	56975
Ion	Ratio	Lower	Upper
77	100		
123	43.5	32.7	49.1
65	13.7	10.2	15.4





#25

Isophorone

Concen: 4.753 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

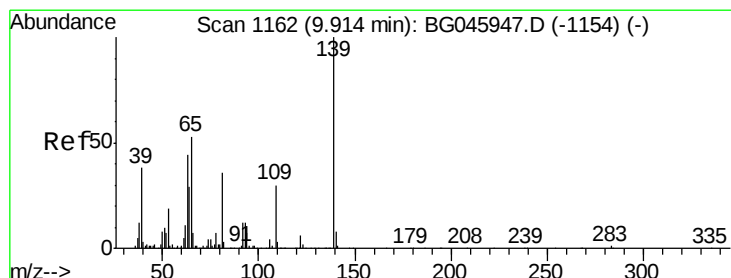
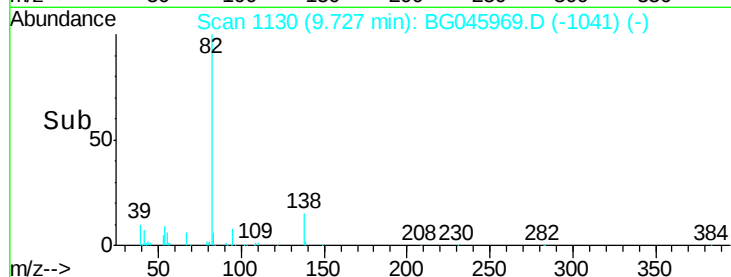
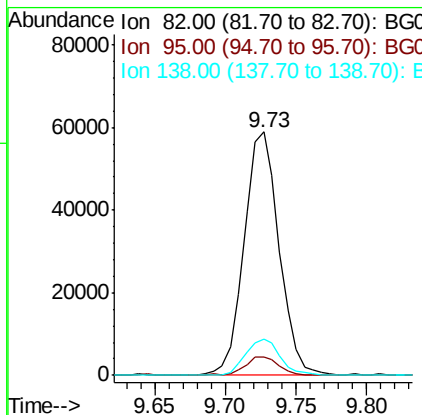
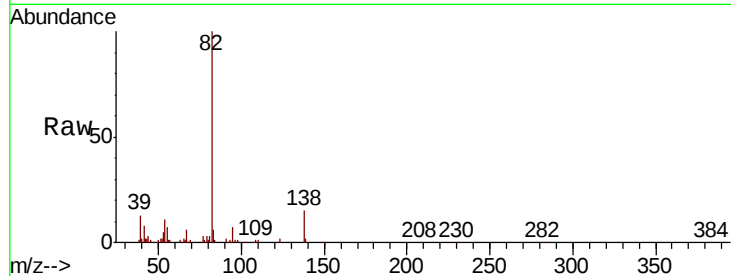
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	82	Resp:	102340
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.6
138	14.8	12.9	19.3

Manual Integrations
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7/9/2020 10:55:44 AM



#26

2-Nitrophenol

Concen: 4.696 ng

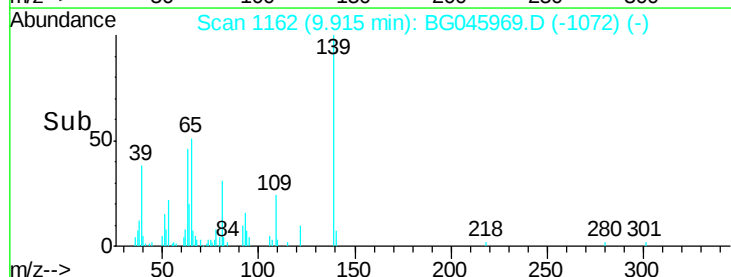
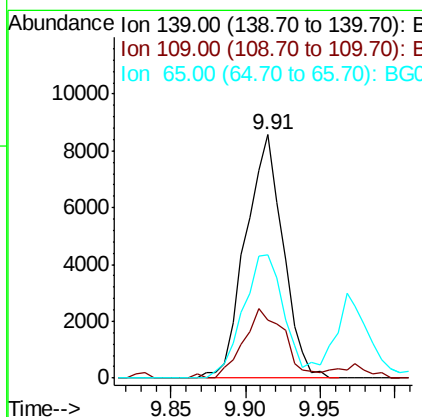
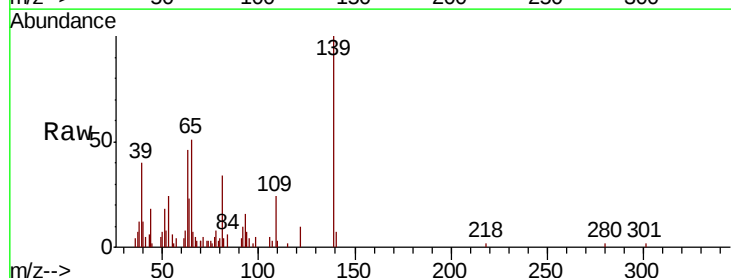
RT: 9.91 min Scan# 1162

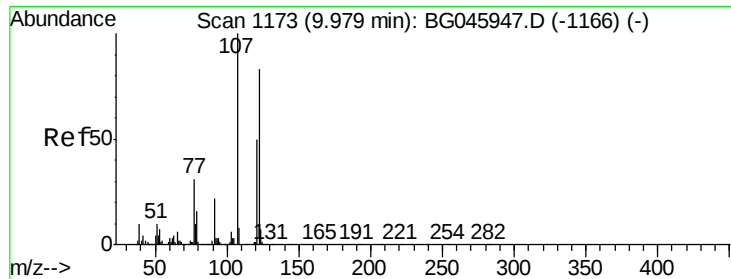
Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion:	139	Resp:	14899
Ion Ratio	Lower	Upper	
139	100		
109	23.6	24.6	37.0#
65	50.6	42.6	64.0





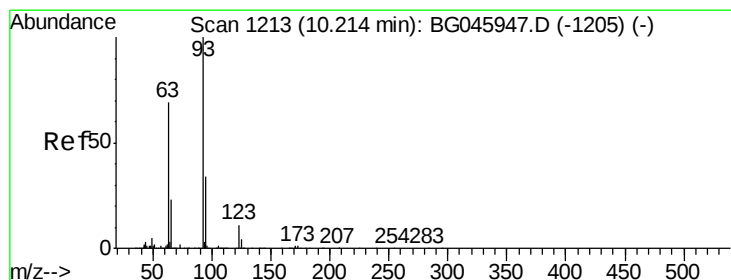
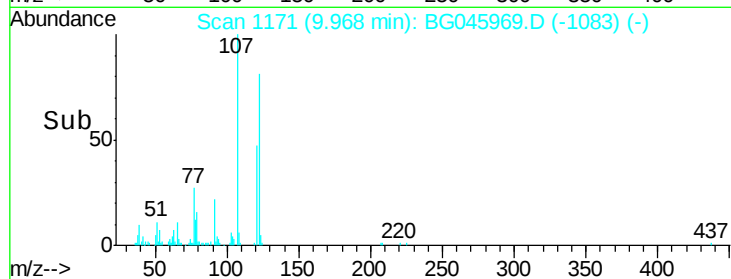
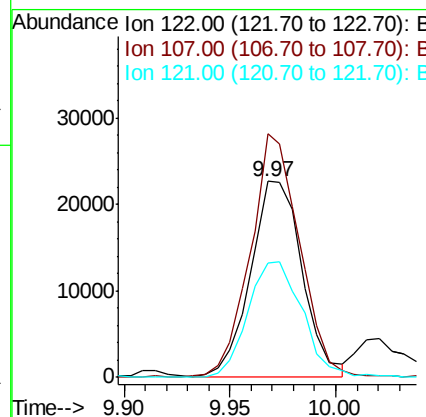
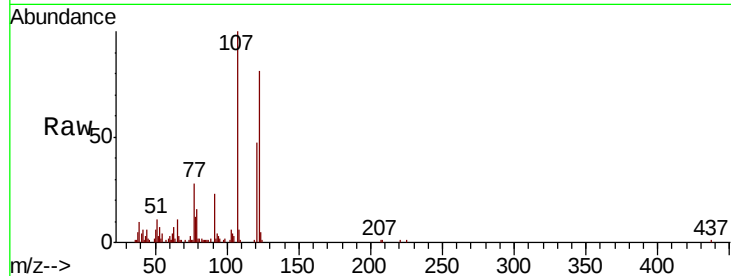
#27
2,4-Dimethylphenol
Concen: 5.049 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	124.2	95.6	143.4	
121	58.0	47.7	71.5	

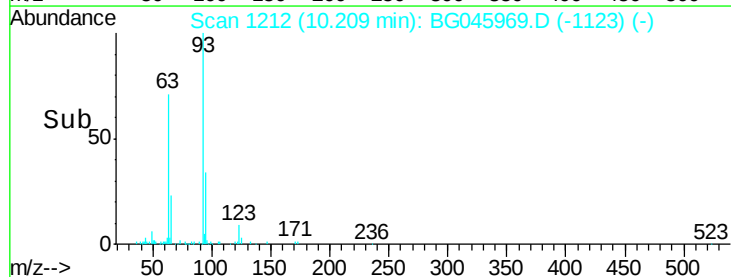
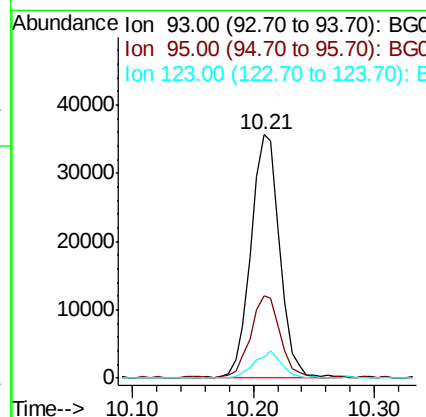
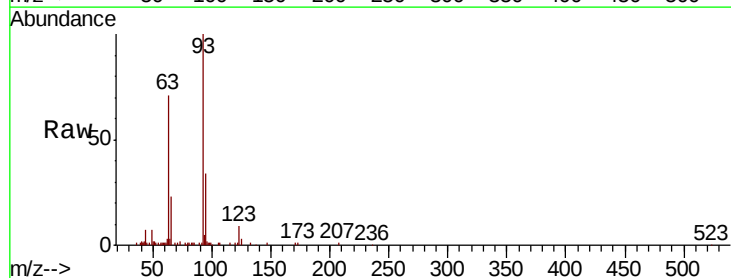
Manual Integrations
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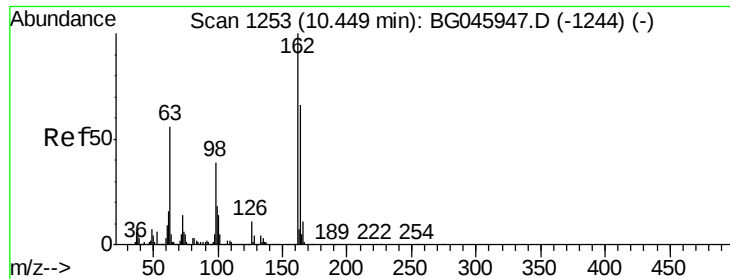
mohammad
7/9/2020 10:55:44 AM



#28
bis(2-Chloroethoxy)methane
Concen: 4.921 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.6	27.5	41.3	
123	8.5	9.2	13.8	





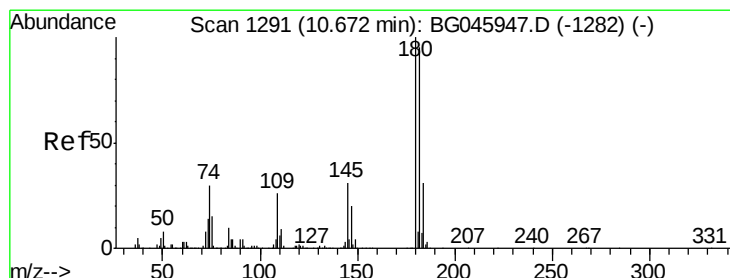
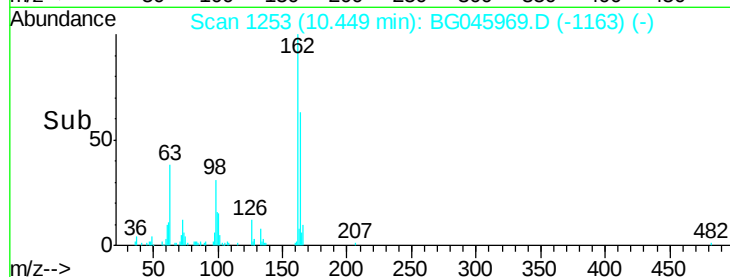
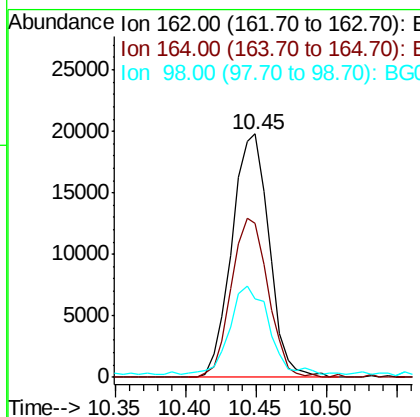
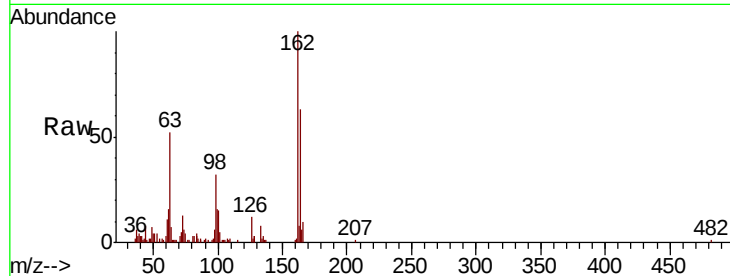
#29
 2,4-Dichlorophenol
 Concen: 4.595 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	46.0	86.0
98	32.5	19.2	59.2

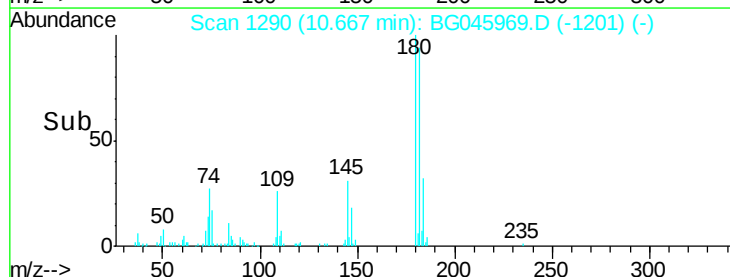
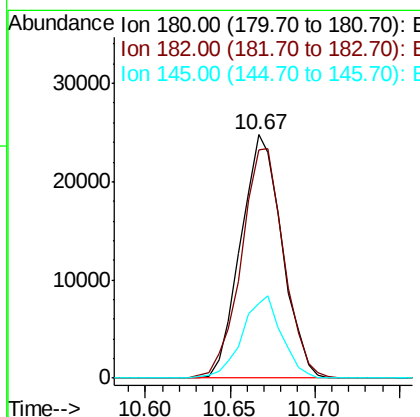
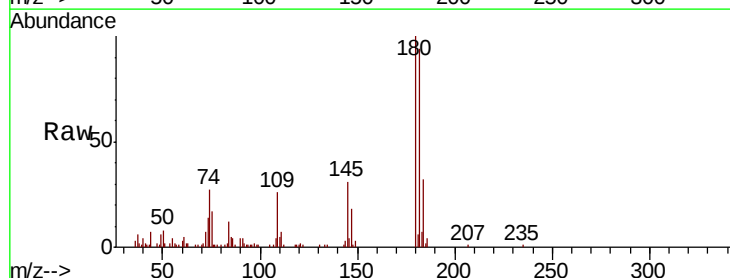
Manual Integrations
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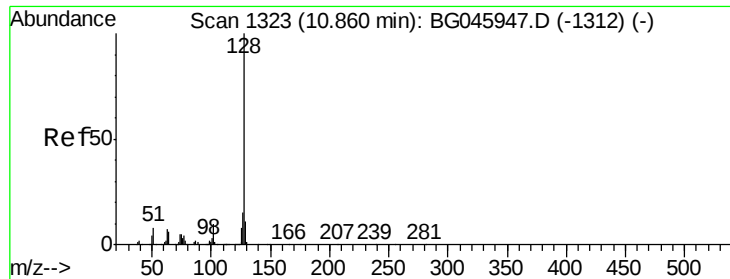
mohammad
 7/9/2020 10:55:44 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 4.789 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.3	114.5
145	30.8	24.8	37.2





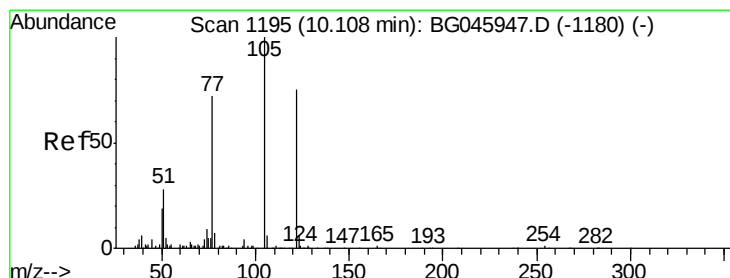
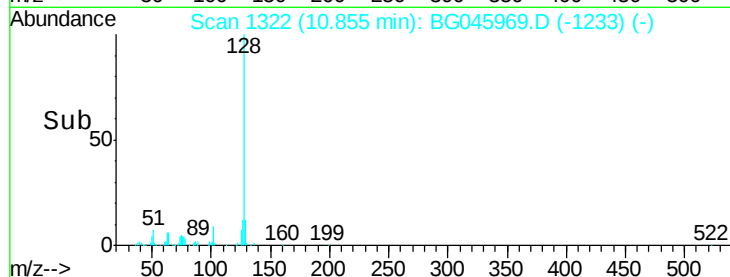
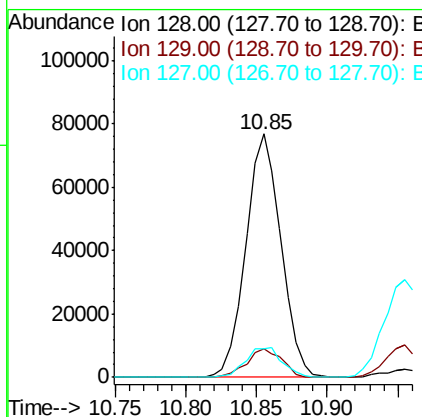
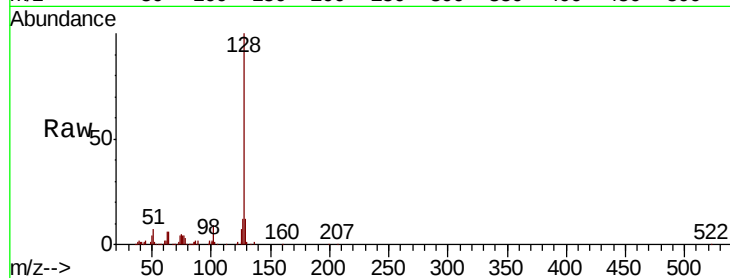
#31
Naphthalene
Concen: 4.913 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.2	13.8
127	11.7	11.8	17.6#

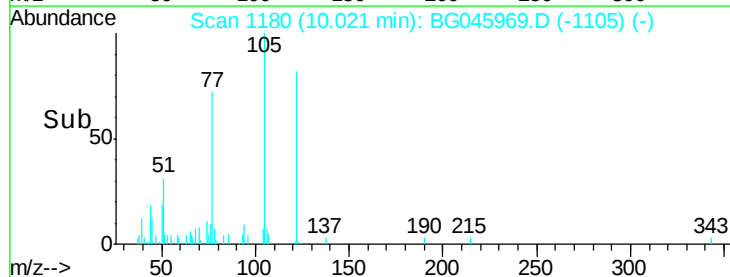
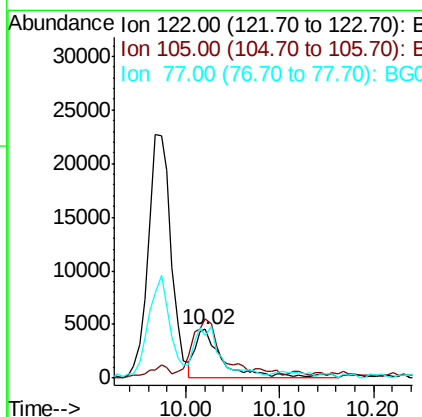
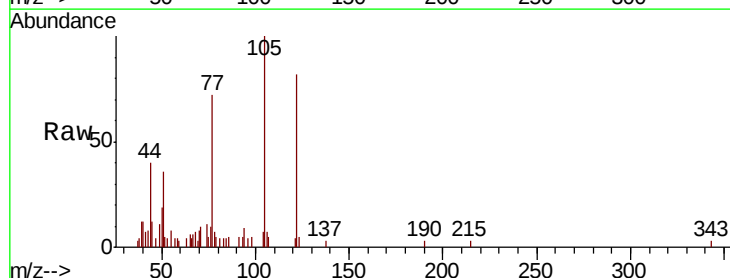
Manual Integrations
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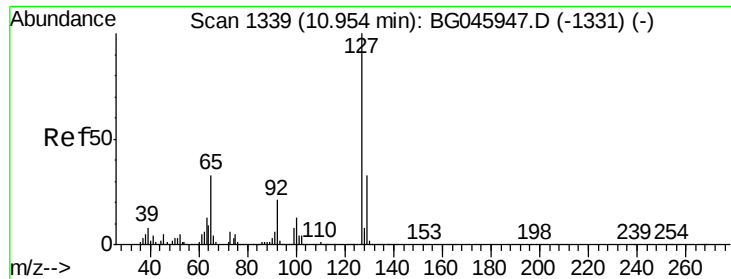
mohammad
7/9/2020 10:55:44 AM



#32
Benzoic acid
Concen: 2.338 ng m
RT: 10.02 min Scan# 1180
Delta R.T. -0.09 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.6	110.8	150.8
77	87.5	76.4	116.4





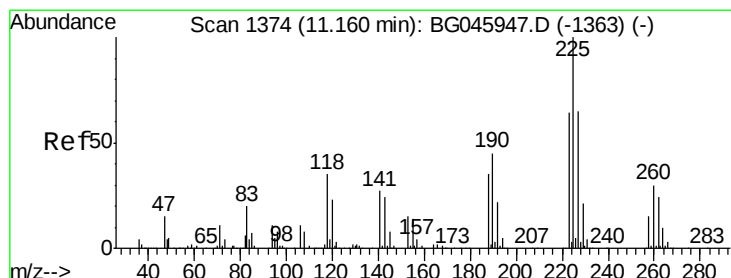
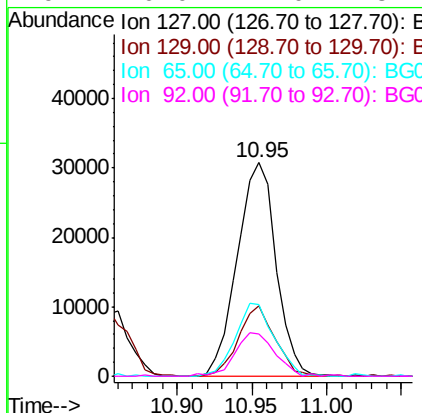
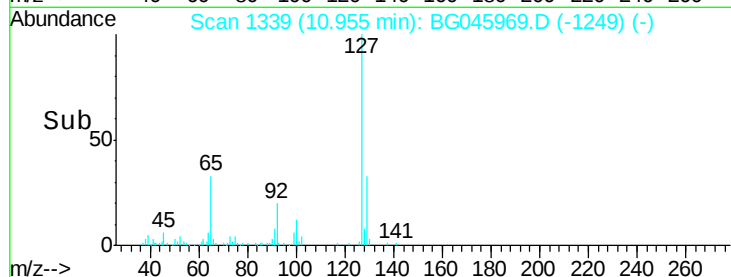
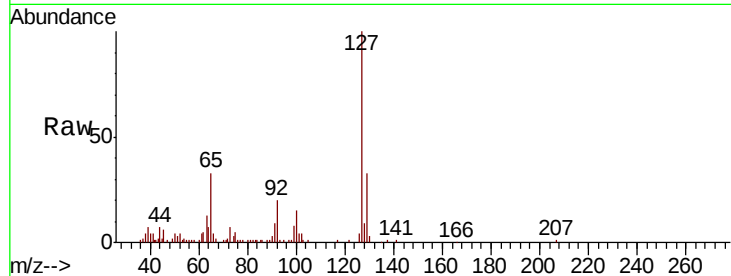
#33
4-Chloroaniline
Concen: 4.559 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		55442		
129	32.7	26.6	39.8		
65	33.5	26.8	40.2		
92	20.0	17.0	25.4		

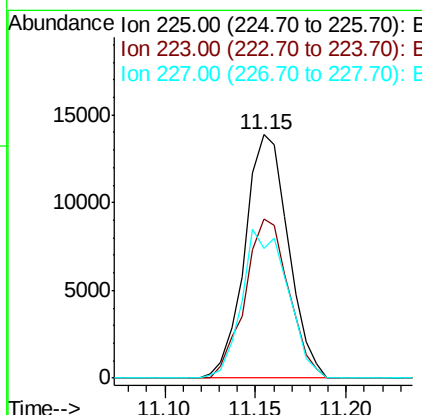
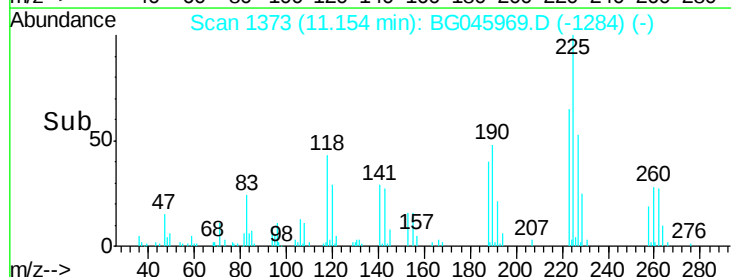
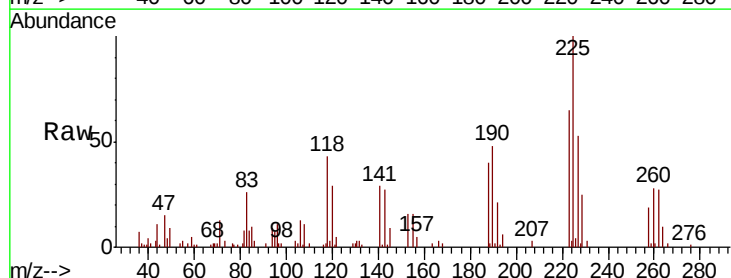
Manual Integrations
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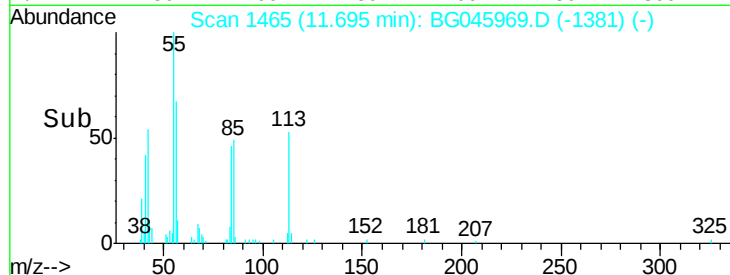
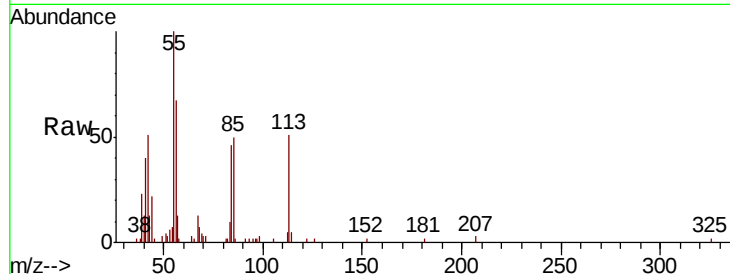
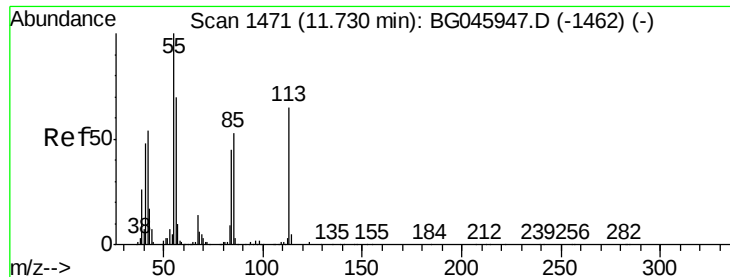
mohammad
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#34
Hexachlorobutadiene
Concen: 4.505 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		23120		
223	65.4	51.2	76.8		
227	53.3	52.3	78.5		





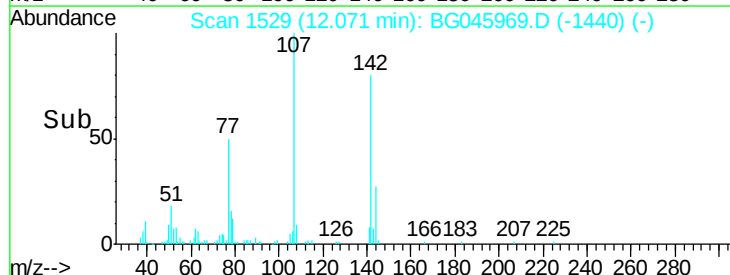
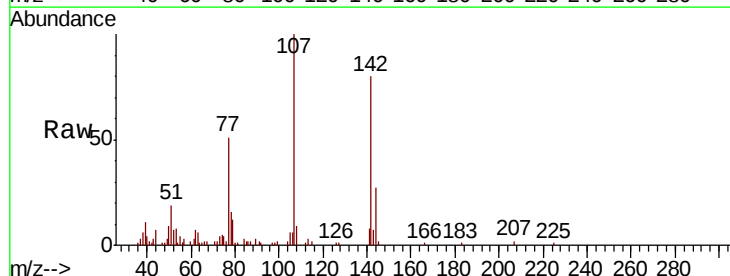
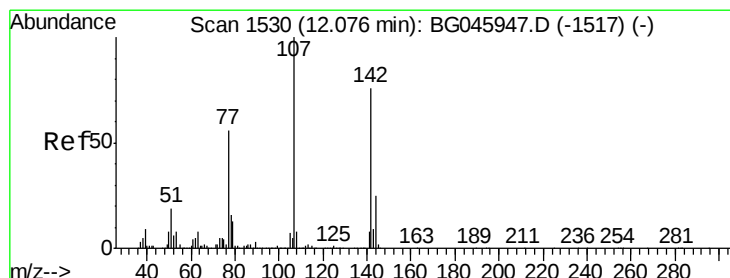
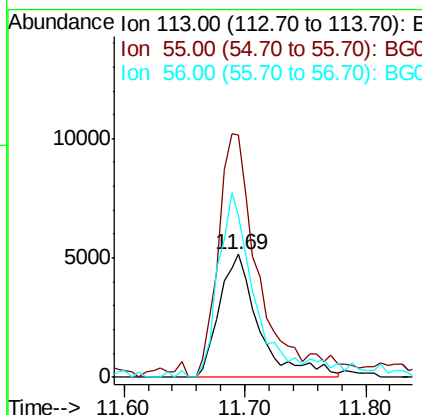
#35
Caprolactam
Concen: 3.875 ng
RT: 11.69 min Scan# 1465
Delta R.T. -0.03 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.7	141.6	181.6#
56	131.3	89.6	129.6#

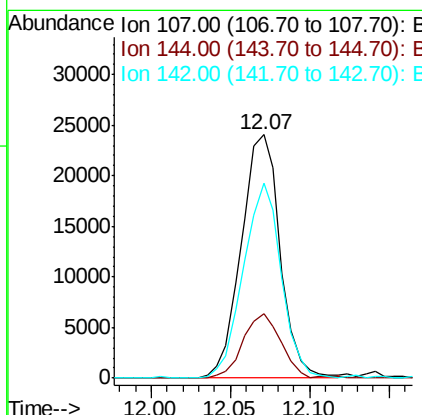
Manual Integrations
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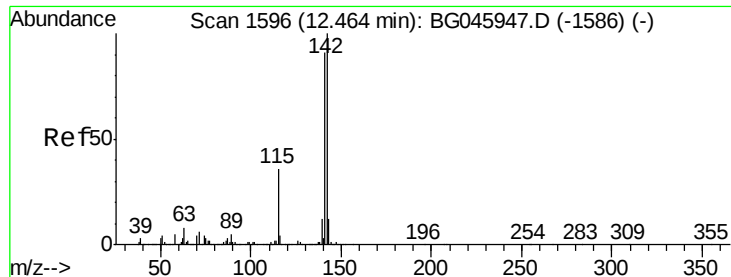
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 4.531 ng
RT: 12.07 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.0	30.0
142	80.0	61.1	91.7





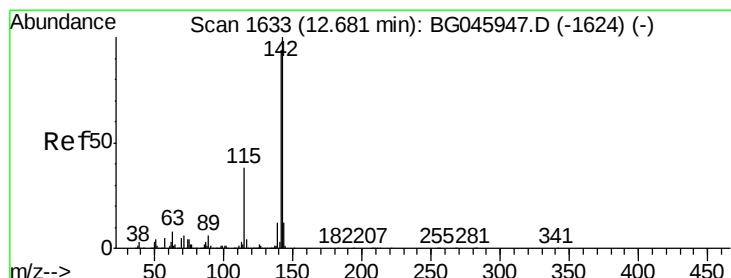
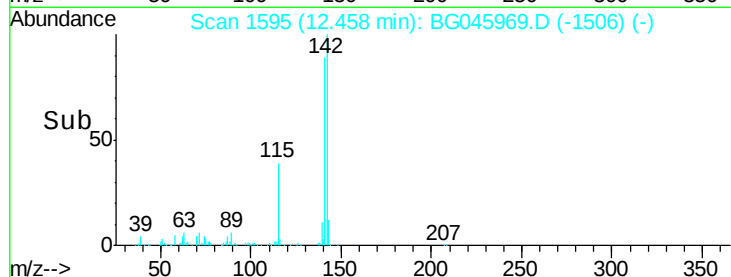
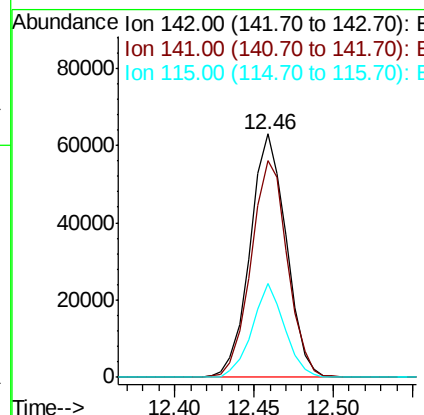
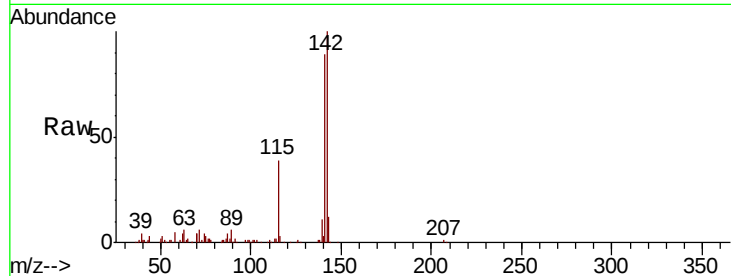
#37
2-Methylnaphthalene
Concen: 5.149 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.0	109.6
115	38.7	28.8	43.2

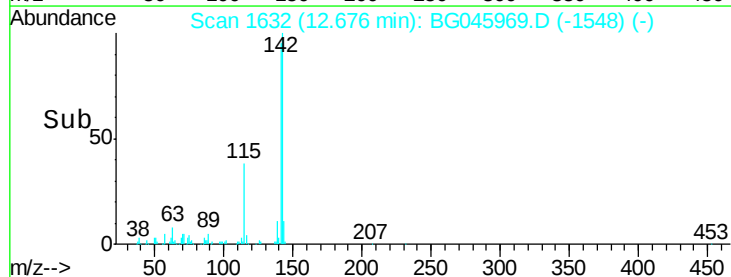
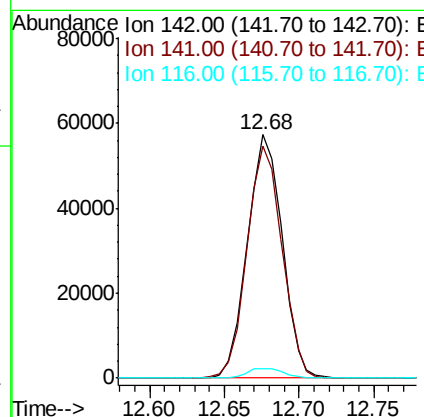
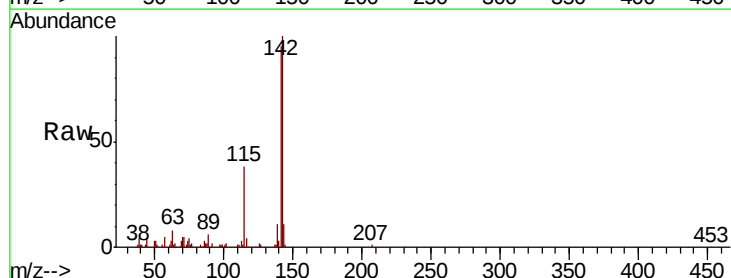
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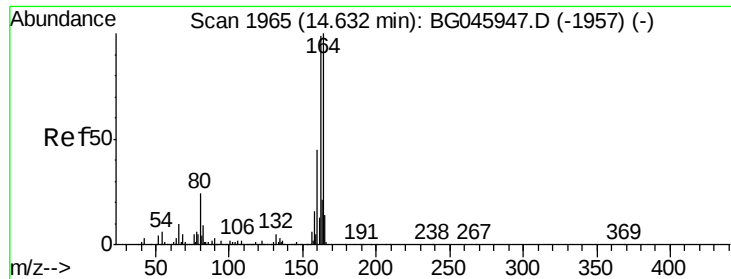
mohammad
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#38
1-Methylnaphthalene
Concen: 5.065 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.2	112.8
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

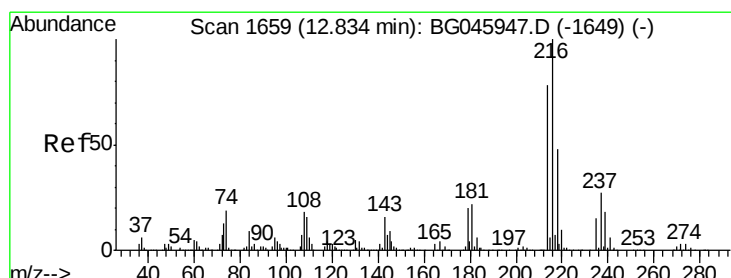
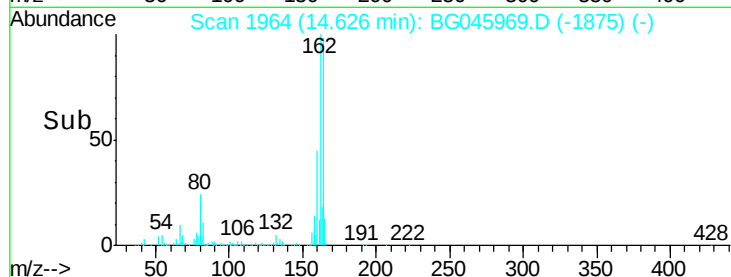
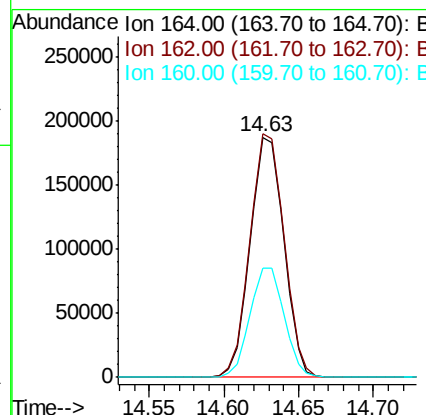
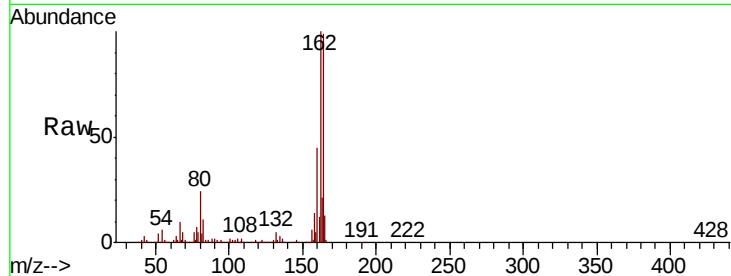
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	164	Resp:	291630
Ion Ratio	Lower	Upper	
164	100		
162	101.5	79.3	118.9
160	45.3	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.391 ng

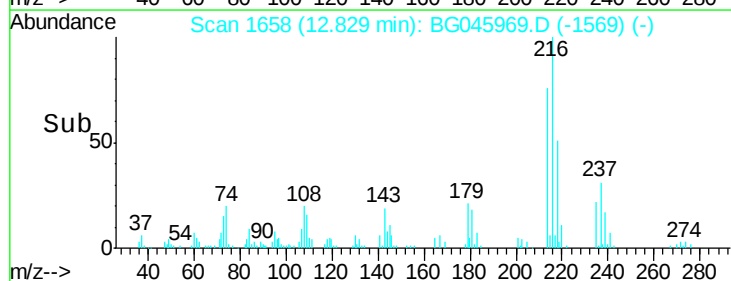
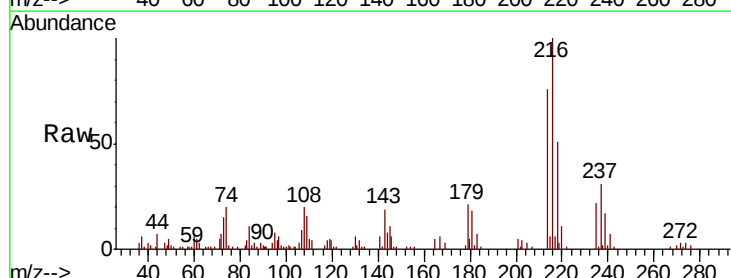
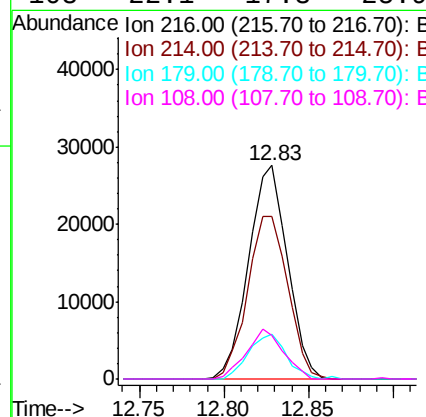
RT: 12.83 min Scan# 1658

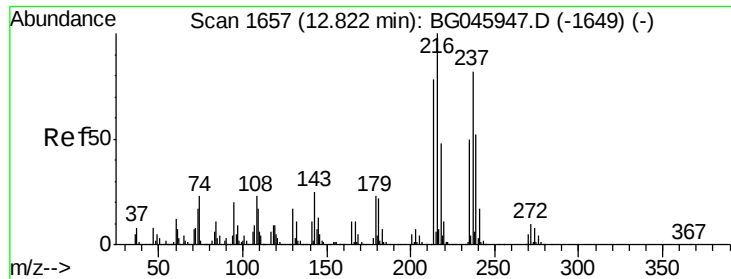
Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion:	216	Resp:	44317
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.0	94.4
179	20.5	17.0	25.6
108	22.1	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 5.067 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

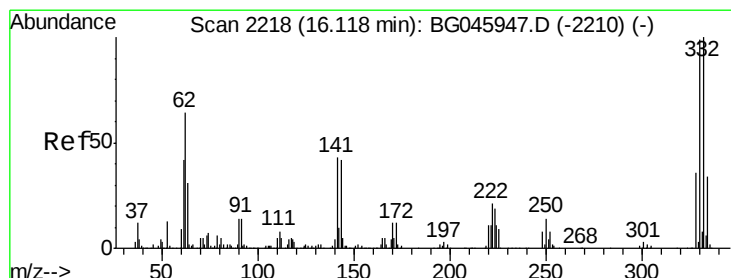
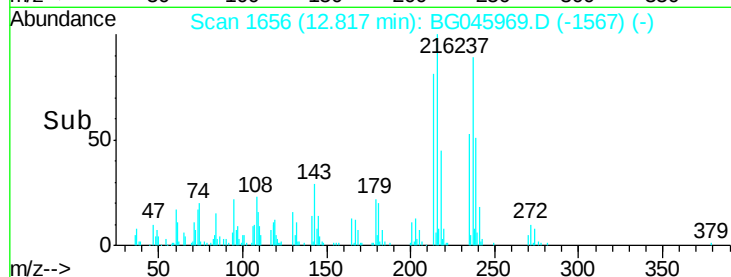
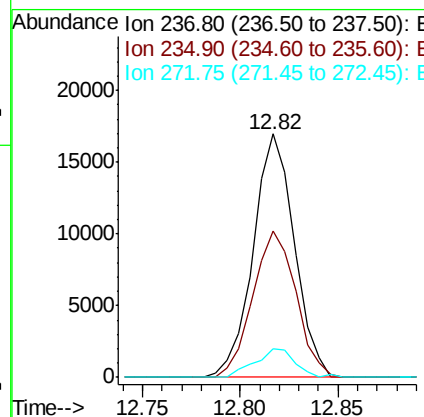
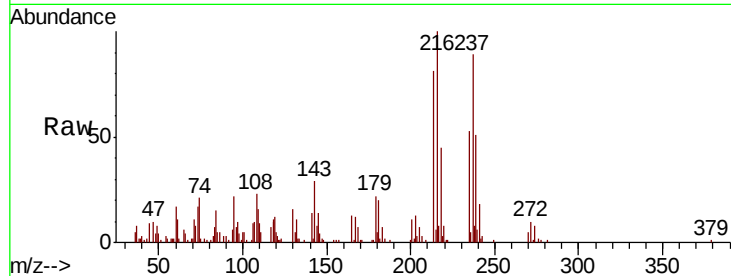
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	237	Resp:	24718
Ion Ratio	Lower	Upper	
237	100		
235	60.1	41.5	81.5
272	11.8	0.0	31.7

Manual Integrations
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mohammad
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#42

2,4,6-Tribromophenol

Concen: 175.152 ng

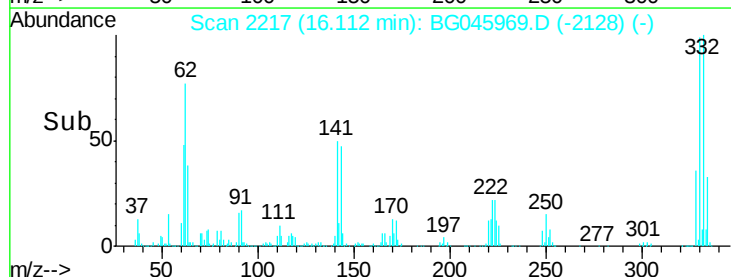
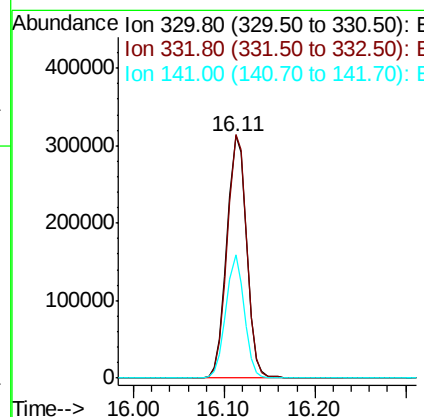
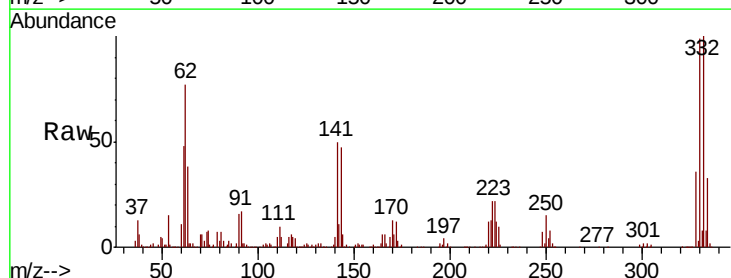
RT: 16.11 min Scan# 2217

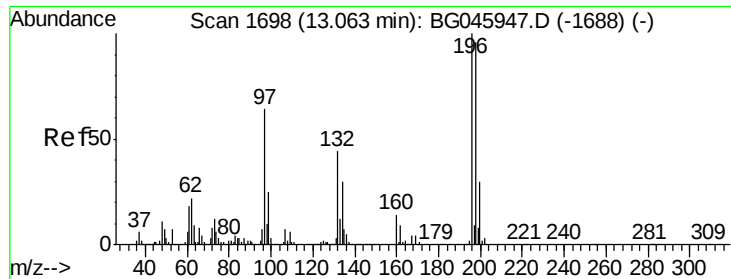
Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion:	330	Resp:	474072
Ion Ratio	Lower	Upper	
330	100		
332	98.7	78.3	117.5
141	47.2	36.6	54.8





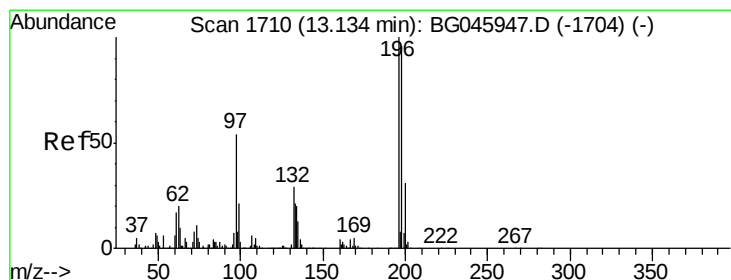
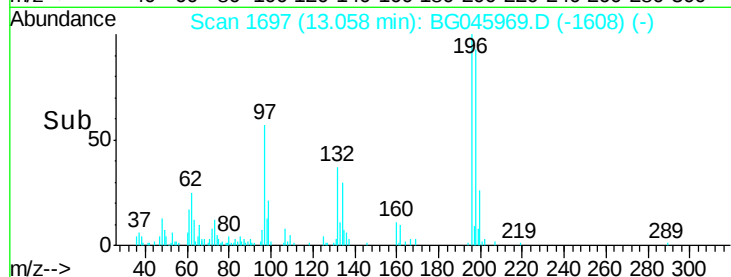
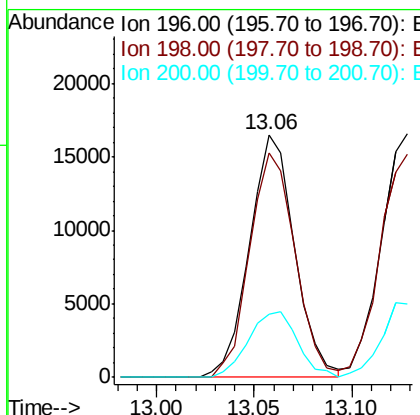
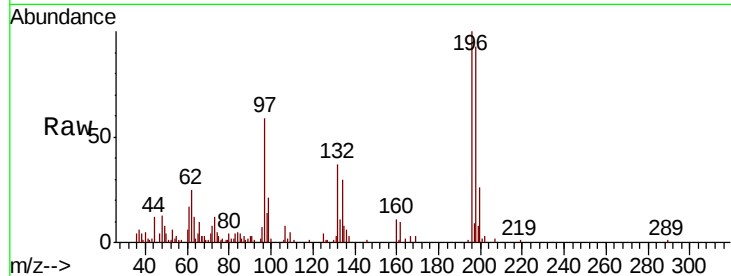
#43
 2,4,6-Trichlorophenol
 Concen: 4.746 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	26386		
198	92.7	76.7	115.1	
200	25.9	24.3	36.5	

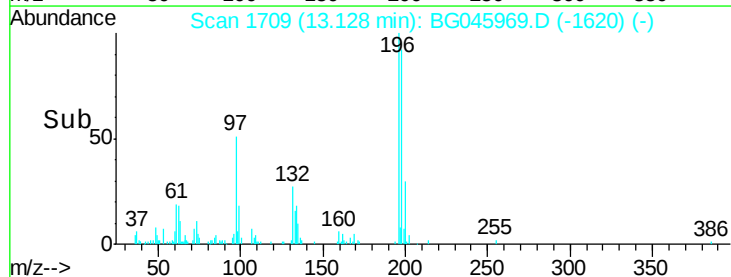
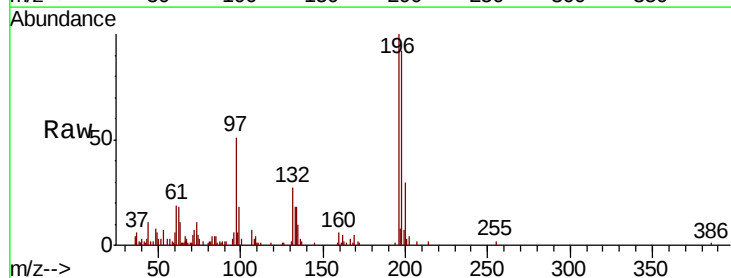
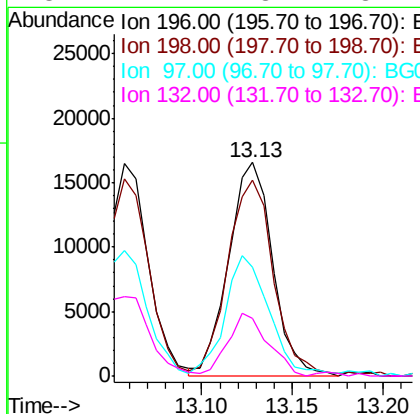
Manual Integrations
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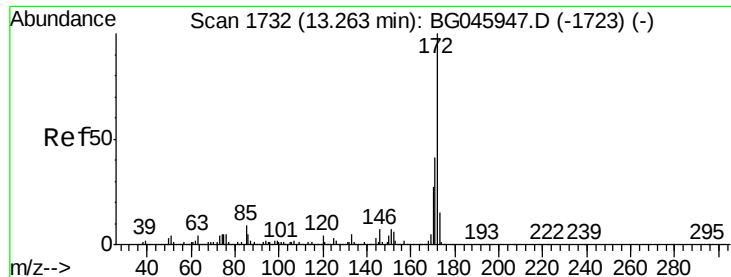
mohammad
 7/9/2020 10:55:44 AM



#44
 2,4,5-Trichlorophenol
 Concen: 4.460 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	28034		
198	91.8	77.0	115.6	
97	50.8	44.3	66.5	
132	27.2	23.1	34.7	





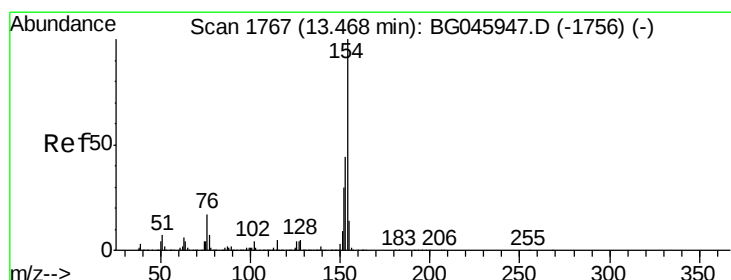
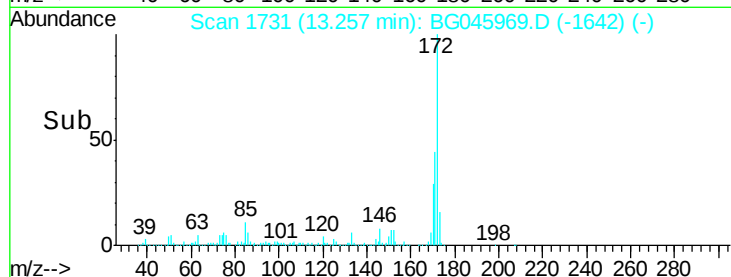
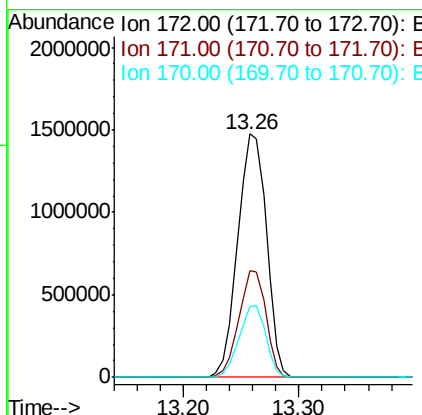
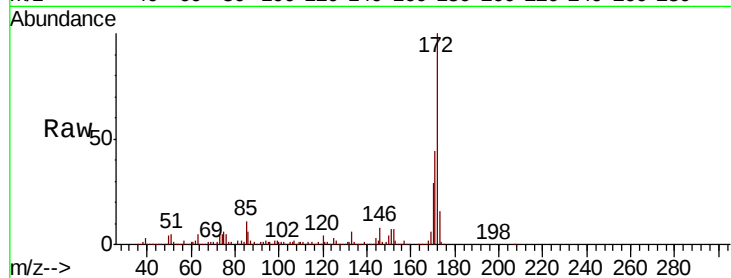
#45
2-Fluorobiphenyl
Concen: 136.193 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	43.6	32.9	49.3
170	29.3	21.8	32.6

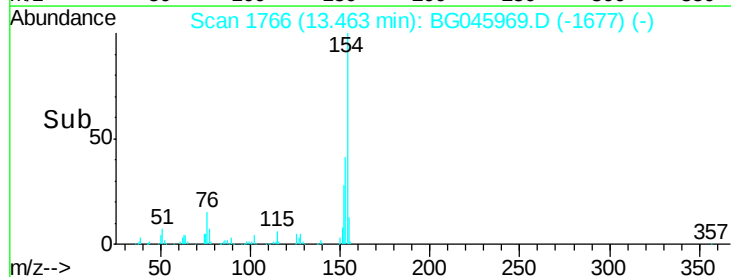
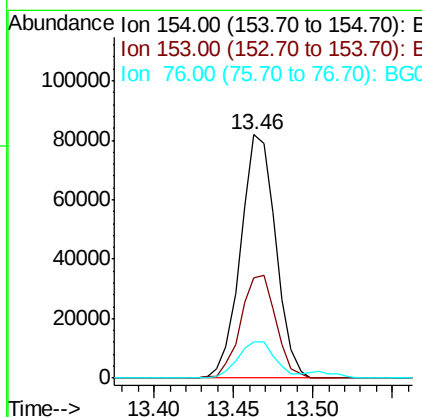
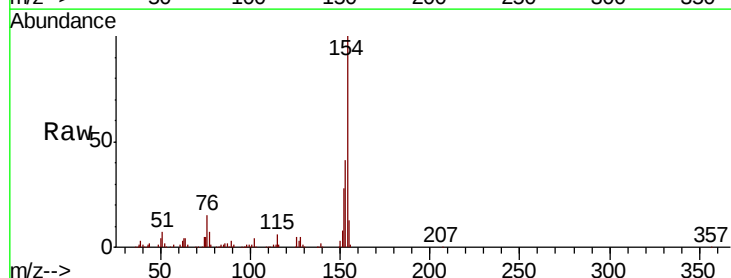
Manual Integrations
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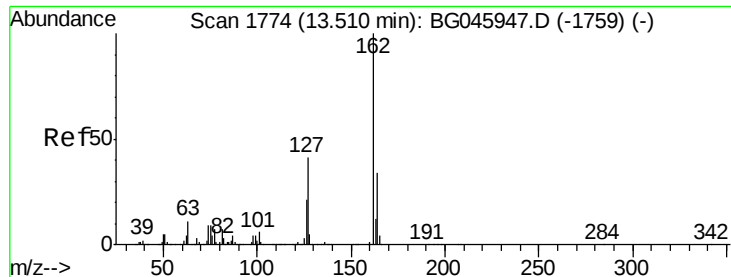
mohammad
7/9/2020 10:55:44 AM



#46
1,1'-Biphenyl
Concen: 5.713 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	23.6	63.6
76	15.0	0.0	36.9





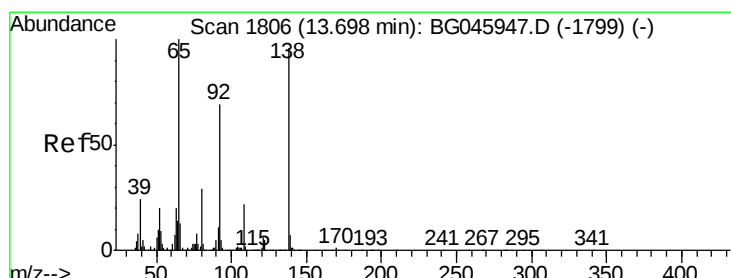
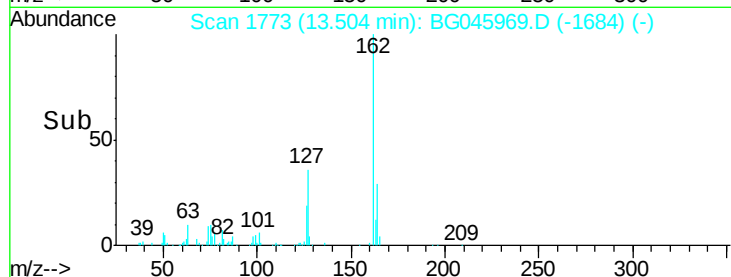
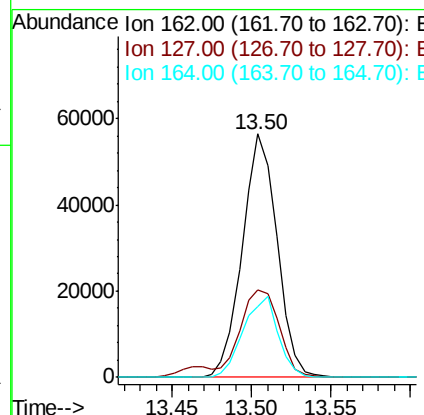
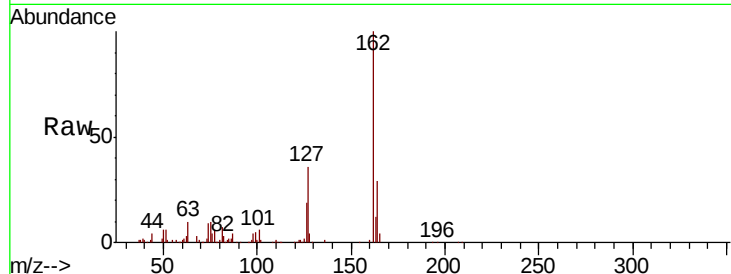
#47
2-Chloronaphthalene
Concen: 4.950 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	32.5	48.7
164	28.9	27.2	40.8

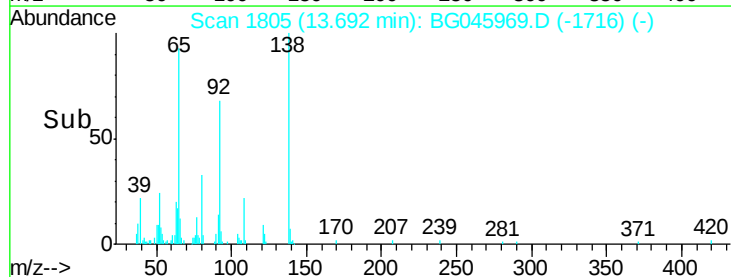
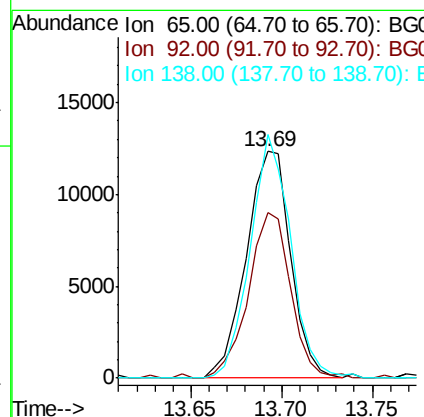
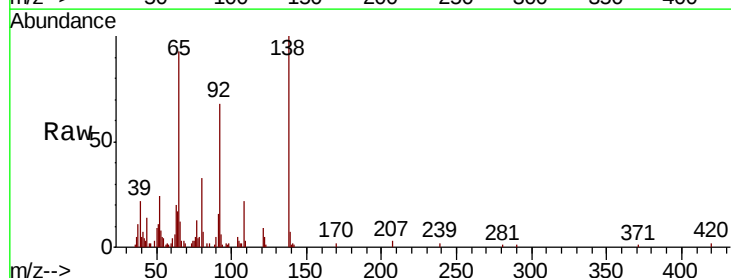
Manual Integrations
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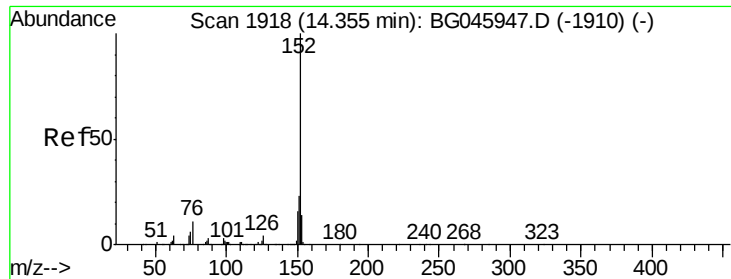
mohammad
7/9/2020 10:55:44 AM



#48
2-Nitroaniline
Concen: 5.192 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	55.4	83.0
138	107.3	77.0	115.4





#49

Acenaphthylene

Concen: 5.298 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

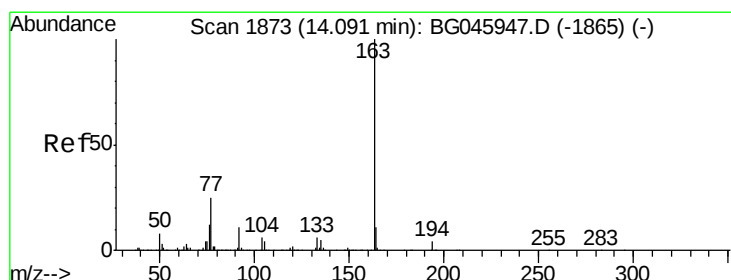
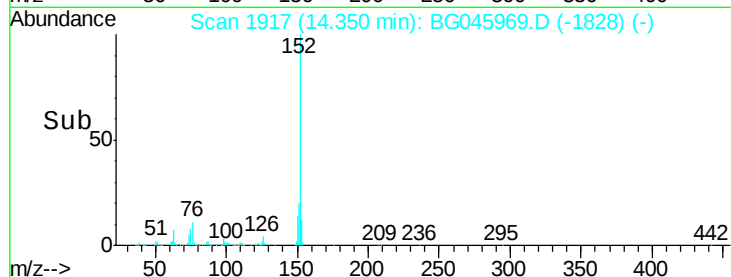
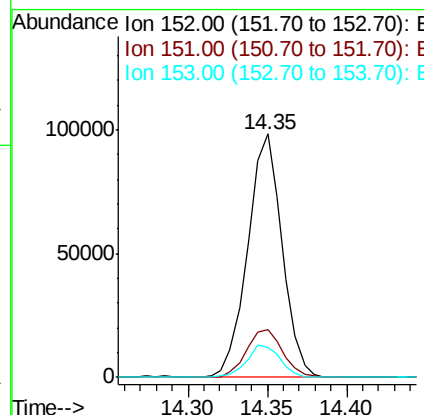
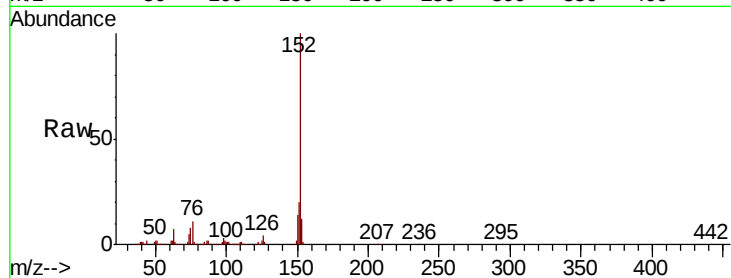
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	152	Resp:	147965
Ion Ratio	Lower	Upper	
152	100		
151	19.6	18.1	27.1
153	12.5	11.5	17.3

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mohammad
7/9/2020 10:55:44 AM



#50

Dimethylphthalate

Concen: 5.044 ng

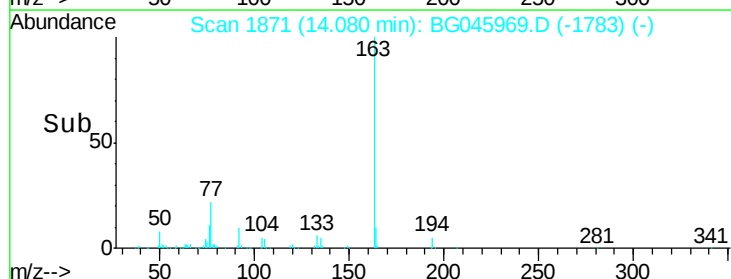
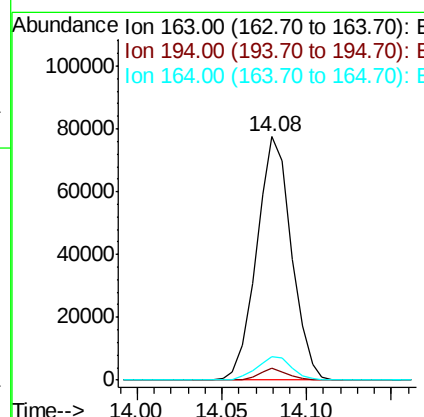
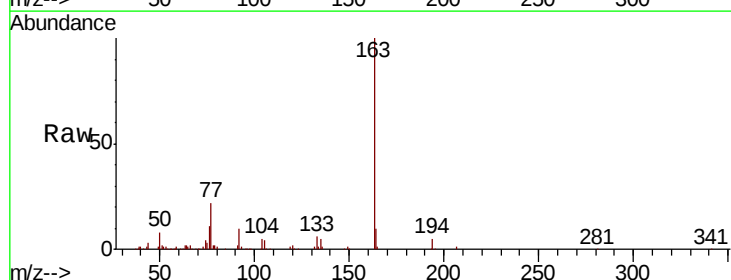
RT: 14.08 min Scan# 1871

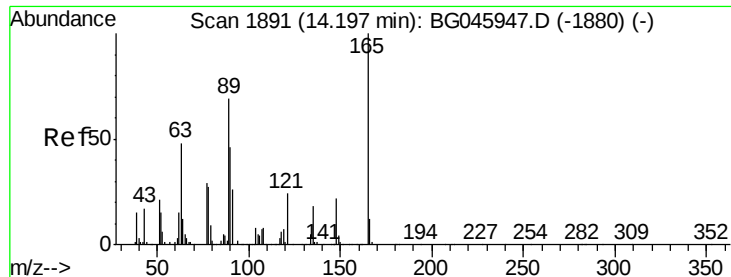
Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion:	163	Resp:	110397
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.6	5.4
164	9.5	8.9	13.3





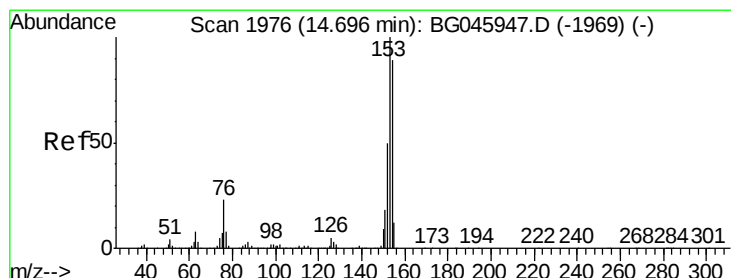
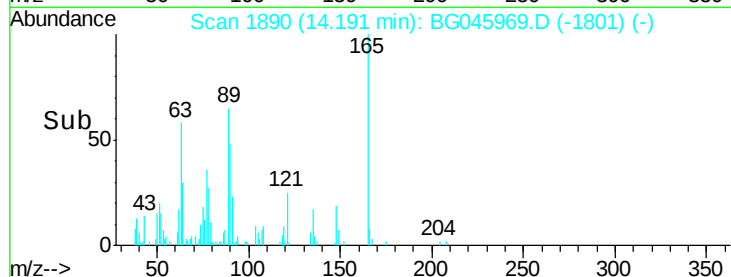
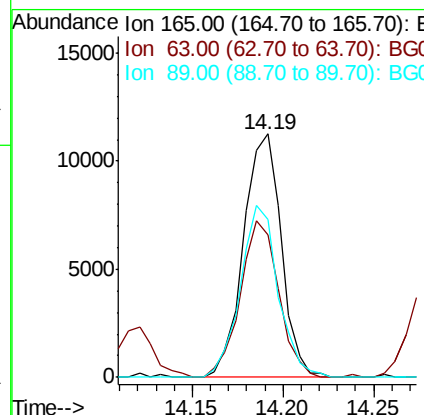
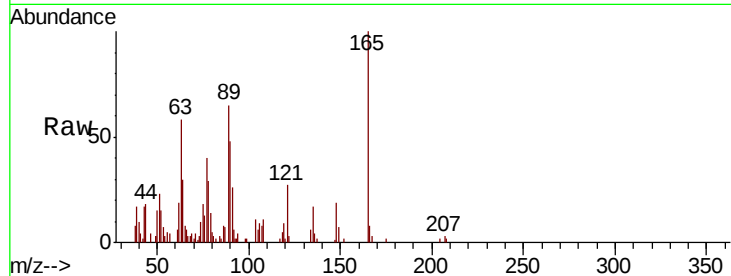
#51
2,6-Dinitrotoluene
Concen: 4.807 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.5	51.0	76.4
89	64.8	55.7	83.5

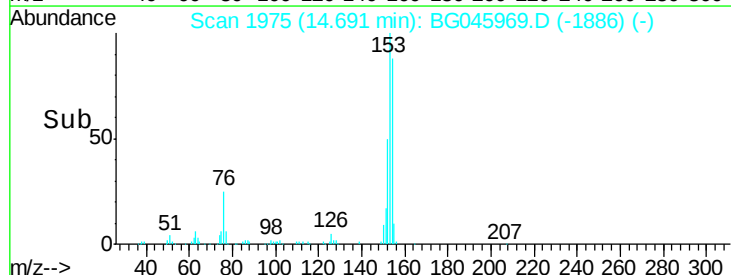
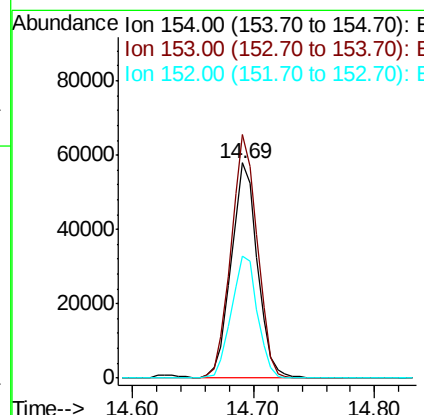
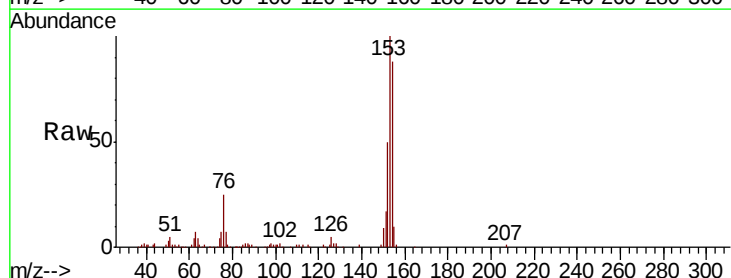
Manual Integrations
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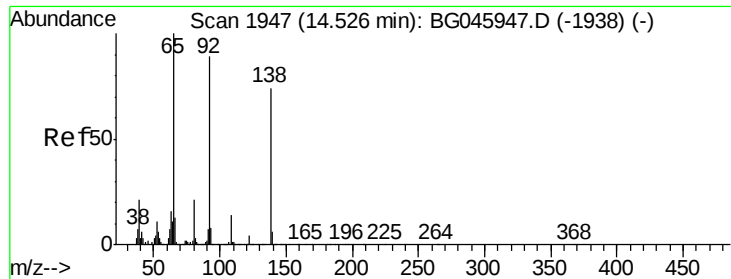
mohammad
7/9/2020 10:55:44 AM



#52
Acenaphthene
Concen: 4.973 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.7	134.5
152	56.8	44.7	67.1





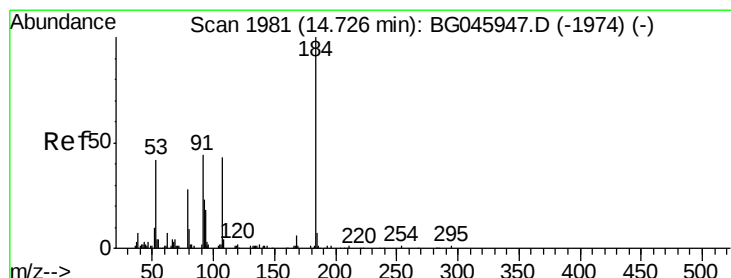
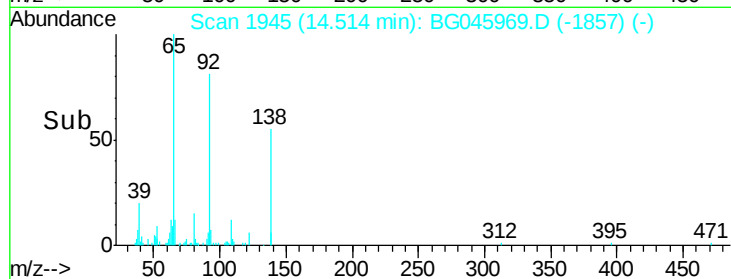
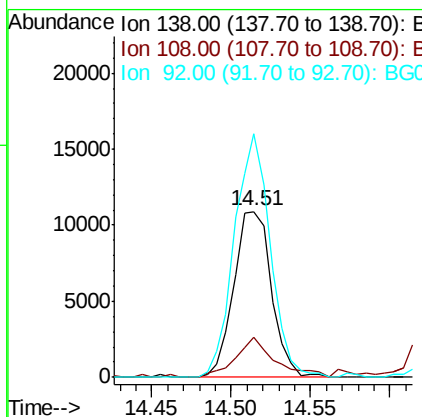
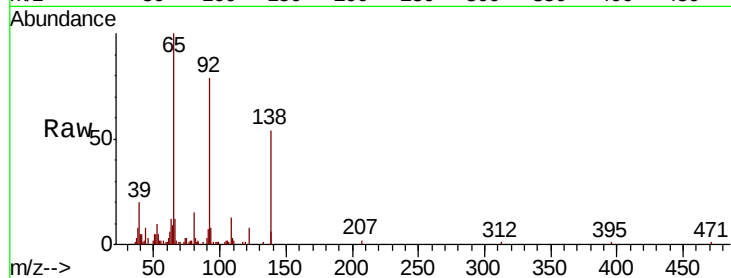
#53
3-Nitroaniline
Concen: 4.274 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	24.2	15.4	23.2#
92	147.0	95.9	143.9#

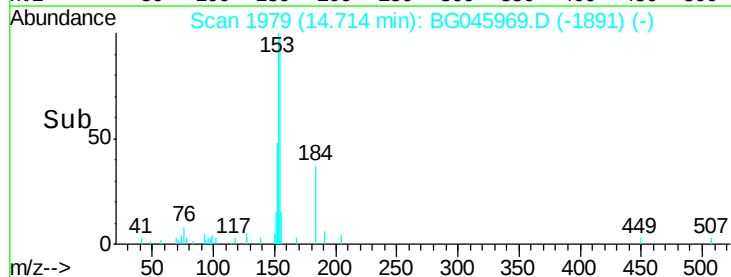
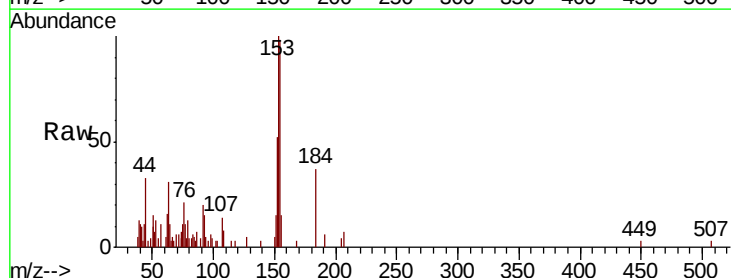
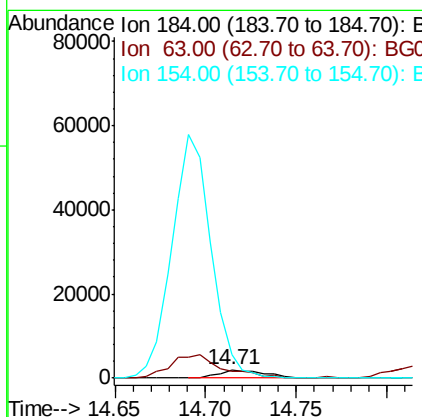
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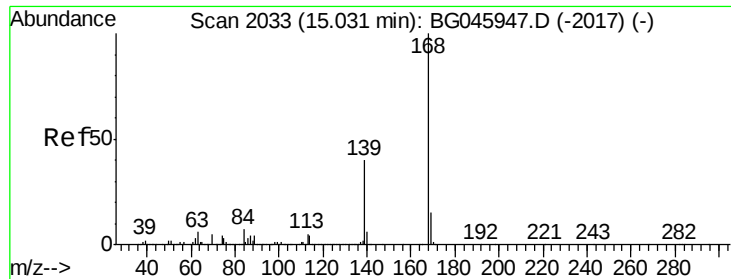
mohammad
7/9/2020 10:55:44 AM



#54
2,4-Dinitrophenol
Concen: 2.979 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	84.8	46.0	69.0#
154	264.2	58.2	87.2#





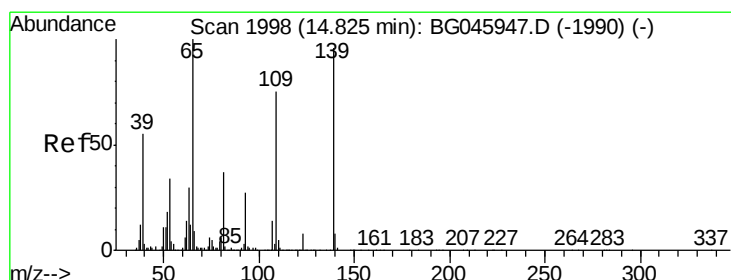
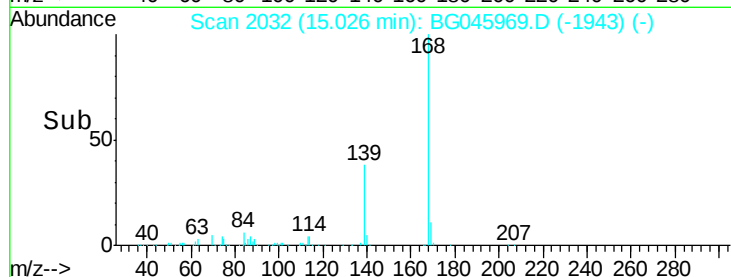
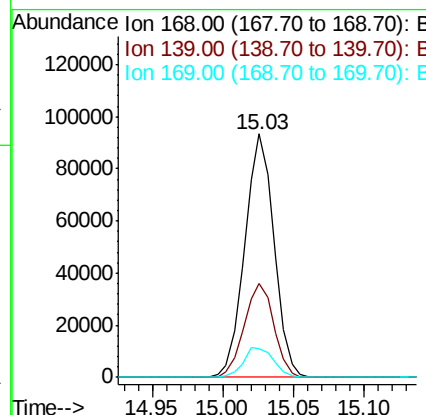
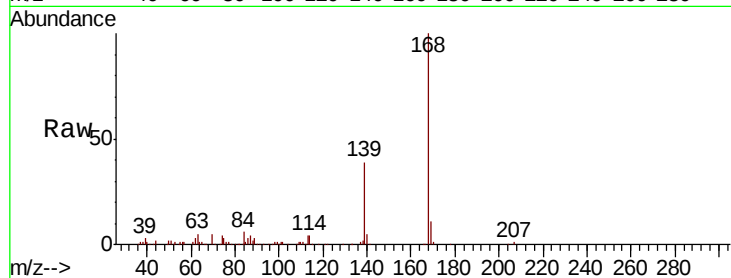
#55
Dibenzofuran
Concen: 5.237 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	32.2	48.2
169	11.5	11.8	17.8

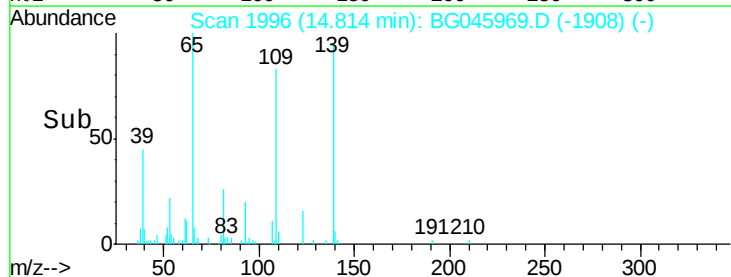
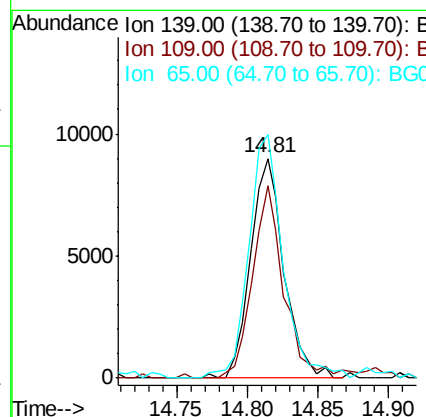
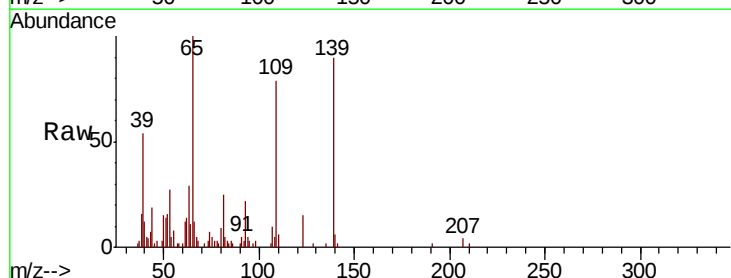
Manual Integrations
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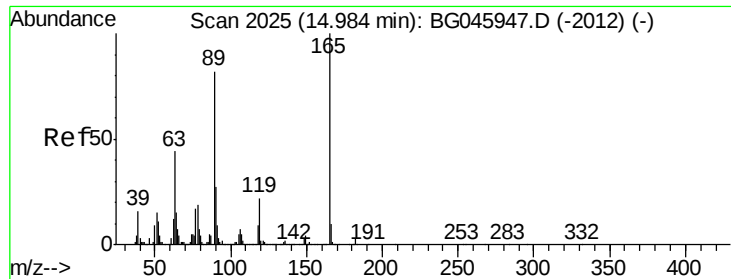
mohammad
7/9/2020 10:55:44 AM



#56
4-Nitrophenol
Concen: 4.180 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.4	58.5	98.5
65	110.8	84.7	124.7





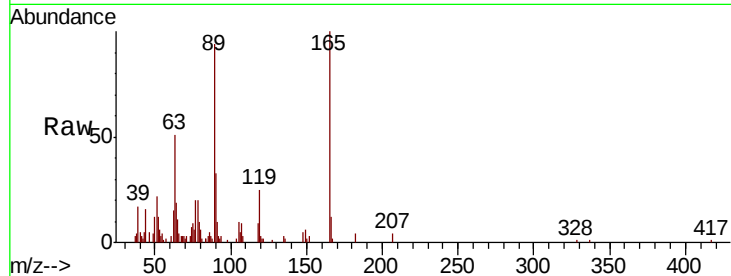
#57
 2,4-Dinitrotoluene
 Concen: 4.429 ng
 RT: 14.97 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.7	35.4	53.0	
89	94.1	65.4	98.2	
182	3.6	2.0	3.0	

Manual Integrations
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mohammad
 7/9/2020 10:55:44 AM



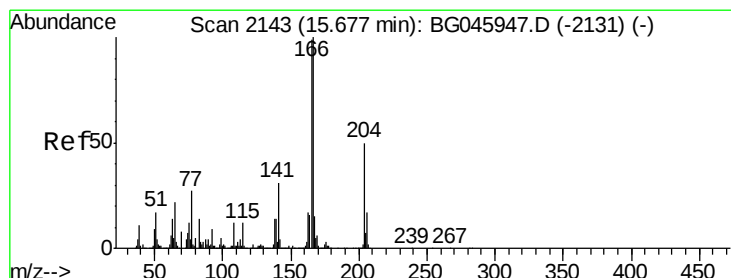
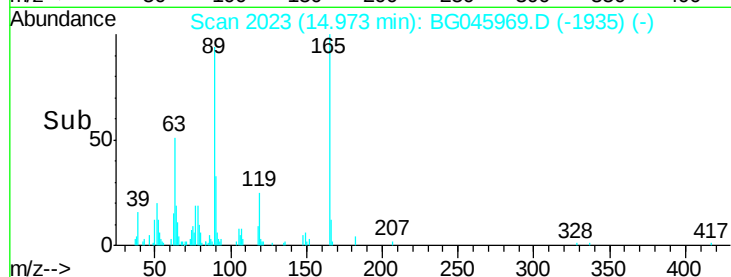
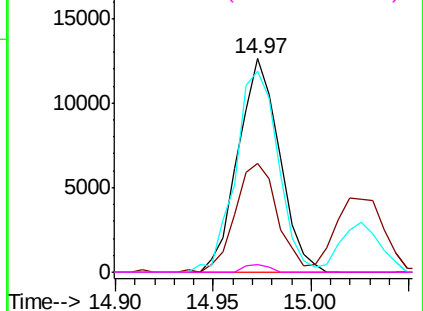
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

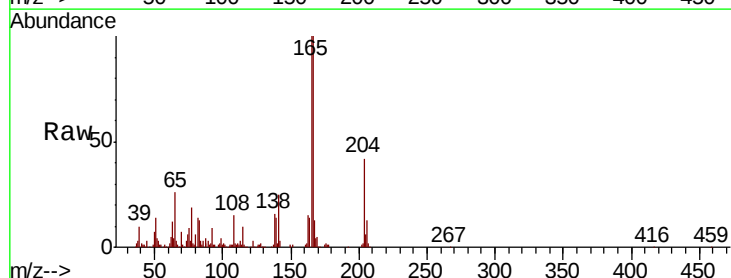
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 5.167 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	78.9	118.3	
167	12.5	12.1	18.1	

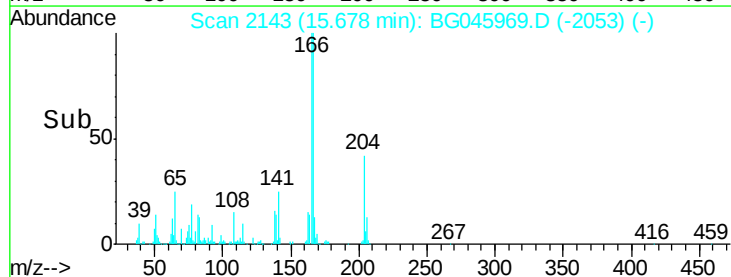
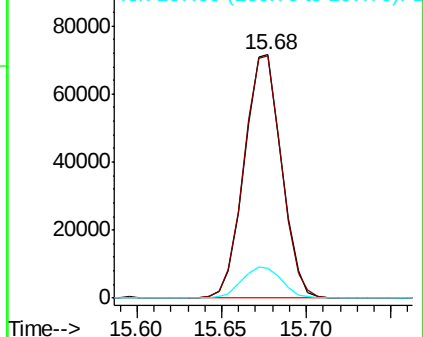


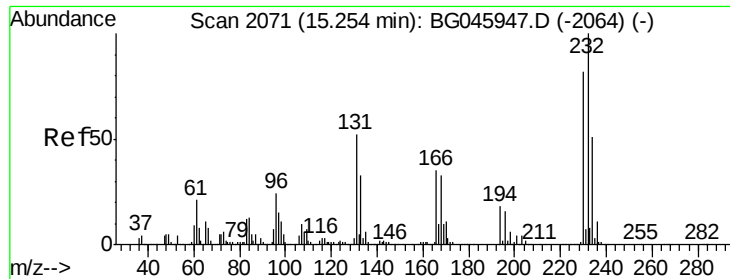
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





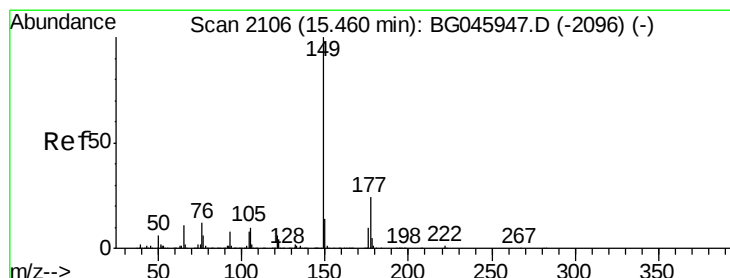
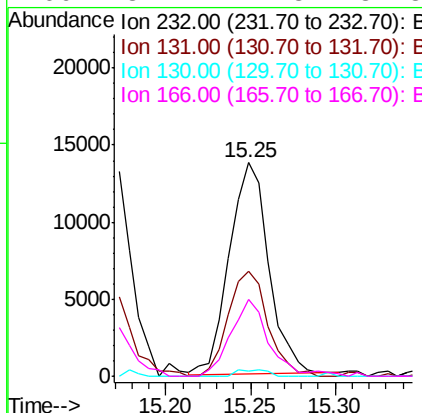
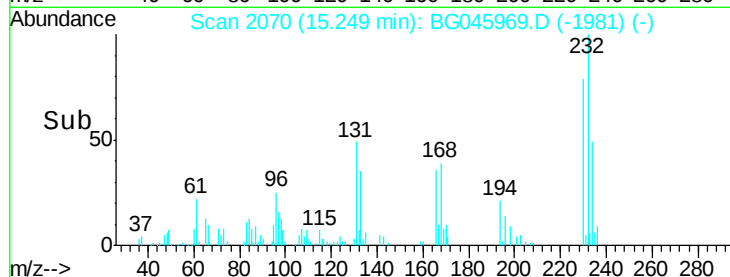
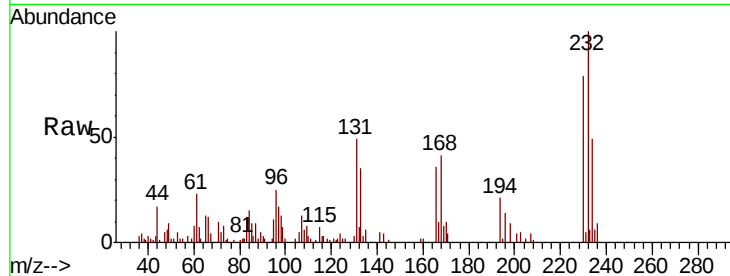
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.559 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
232	100	22128		
131	50.3		35.8	53.6
130	2.4		2.5	3.7#
166	34.2		21.8	32.8#

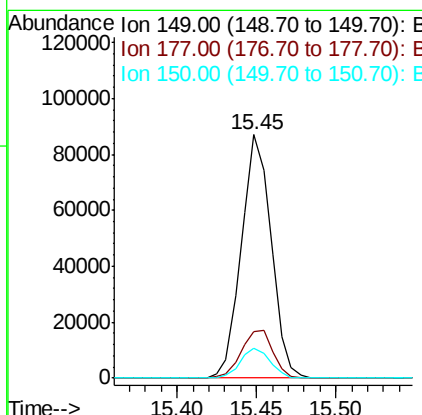
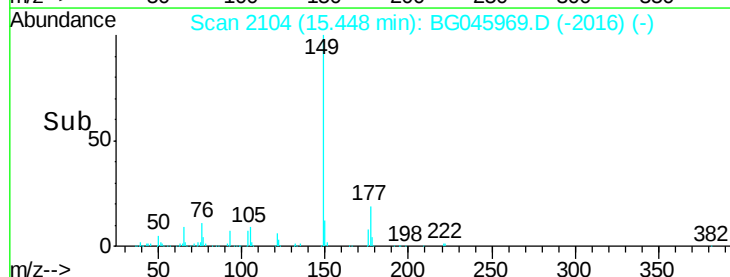
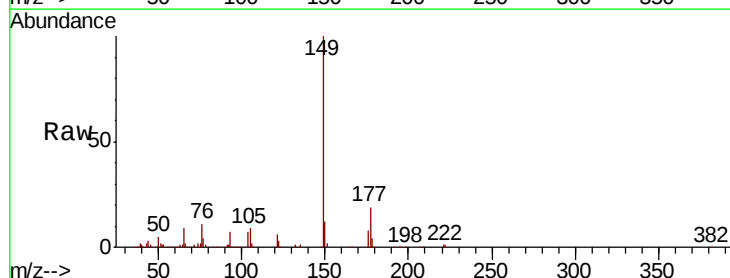
Manual Integrations
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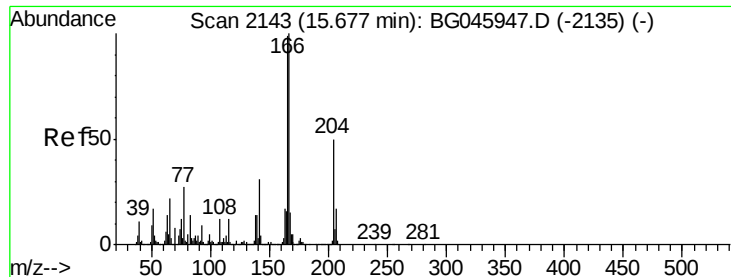
mohammad
 7/9/2020 10:55:44 AM



#60
 Diethylphthalate
 Concen: 4.956 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	113745		
177	19.2		19.0	28.4
150	12.0		11.0	16.4





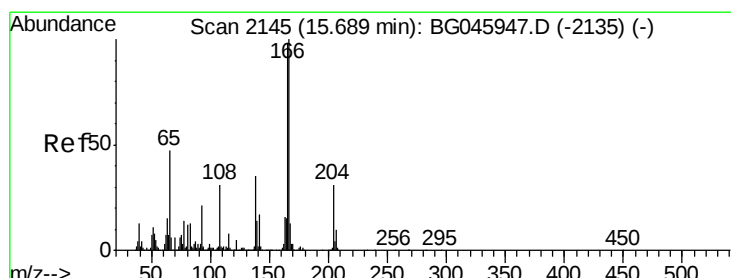
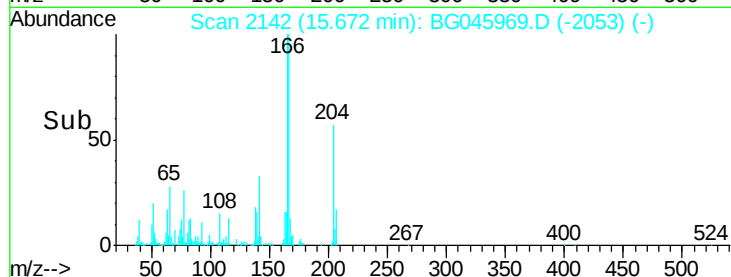
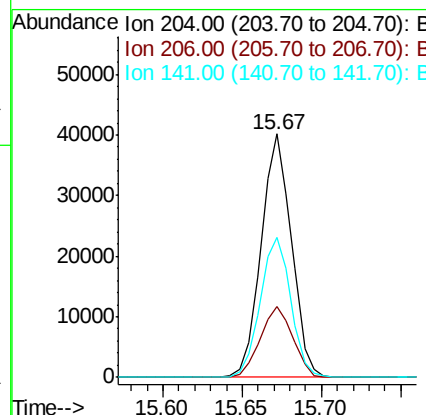
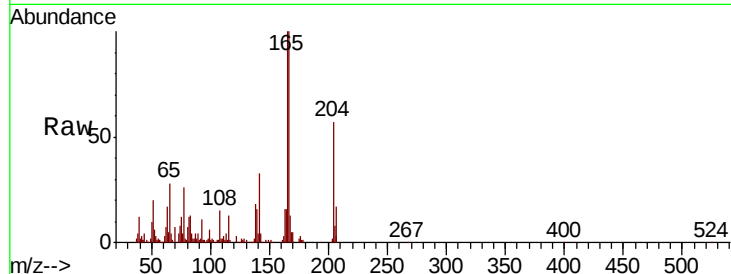
#61
4-Chlorophenyl-phenylether
Concen: 5.080 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	29.2	27.1	40.7
141	57.4	49.8	74.8

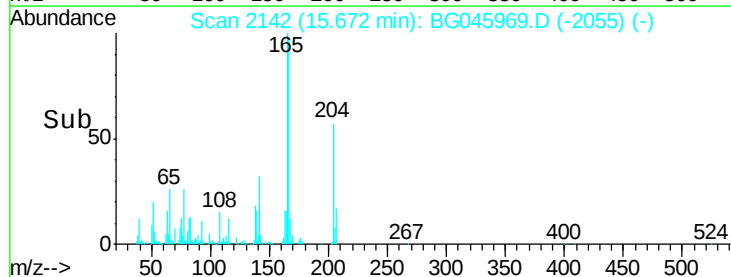
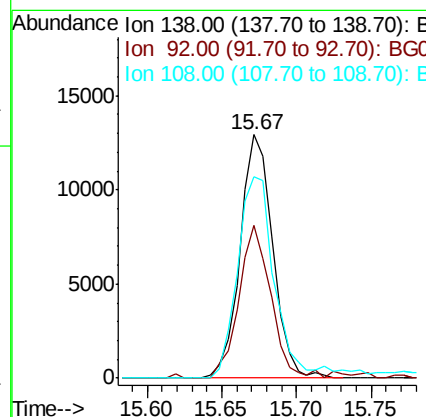
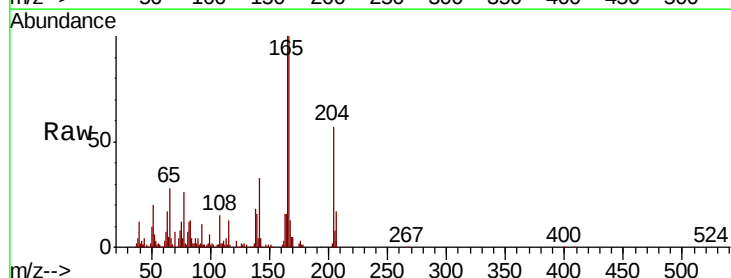
Manual Integrations
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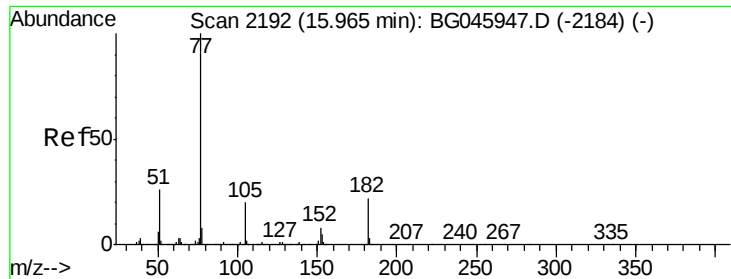
mohammad
7/9/2020 10:55:44 AM



#62
4-Nitroaniline
Concen: 4.347 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.6	40.3	80.3
108	82.9	68.0	108.0





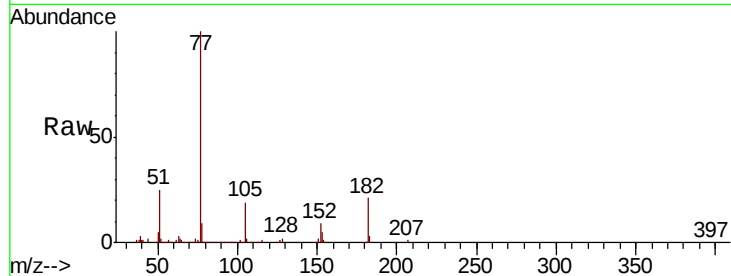
#63
Azobenzene
Concen: 5.150 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

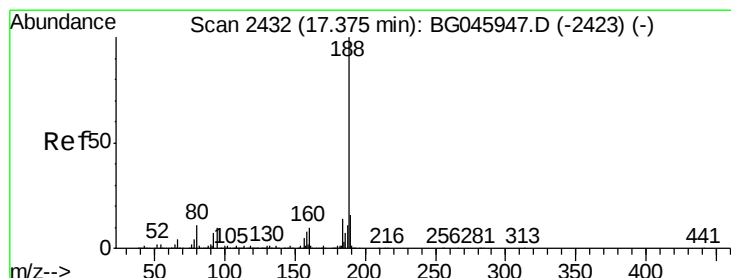
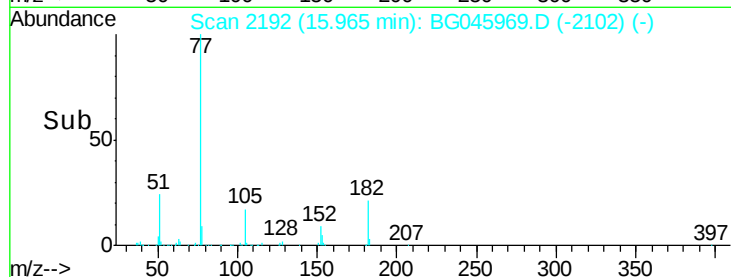
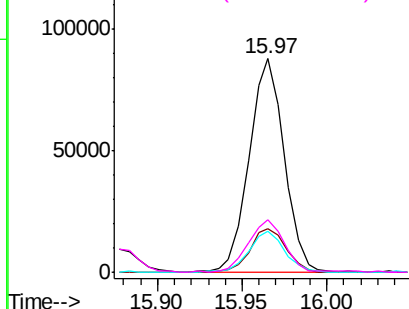
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	20.6	2.4	42.4		
105	19.3	0.3	40.3		
51	24.6	6.3	46.3		

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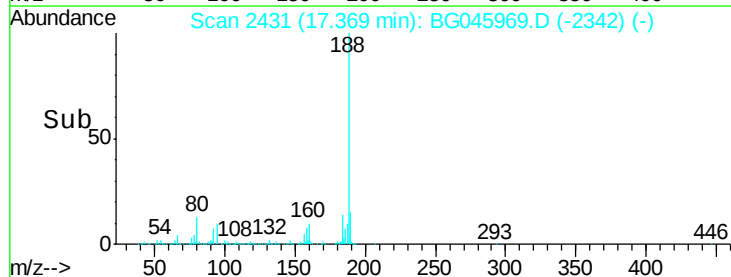
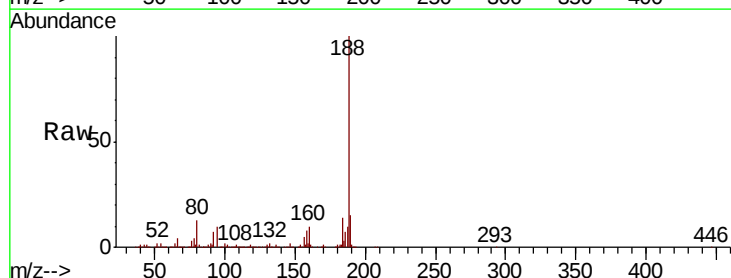
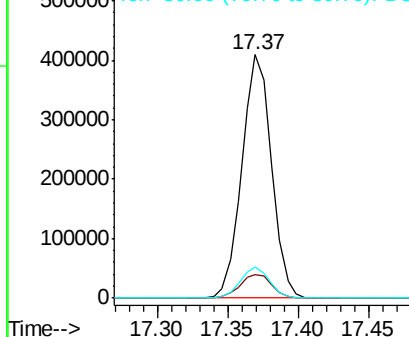
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

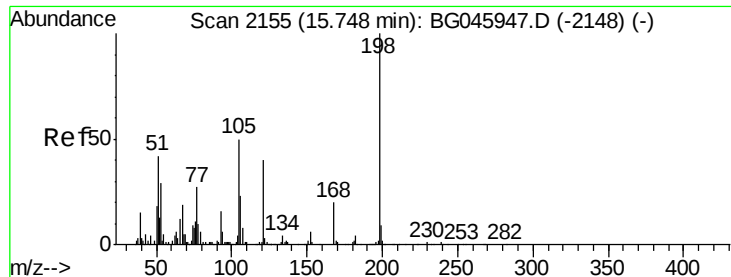


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.8	8.2	12.4		
80	12.6	9.0	13.6		

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





#65

4,6-Dinitro-2-methylphenol

Concen: 3.268 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:198 Resp: 5740

Ion Ratio Lower Upper

198 100

51 50.9 24.5 64.5

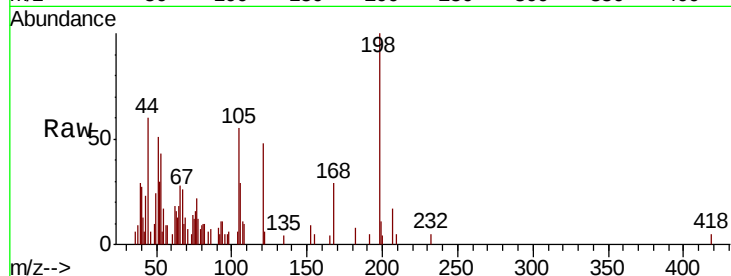
105 54.5 30.9 70.9

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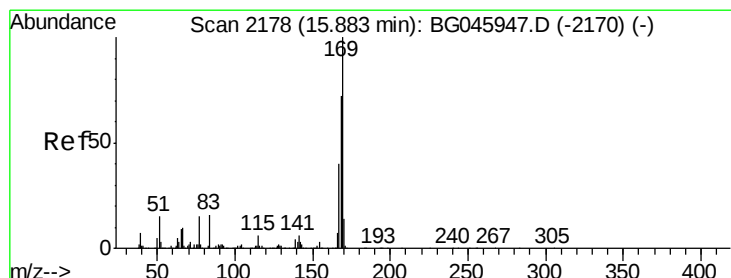
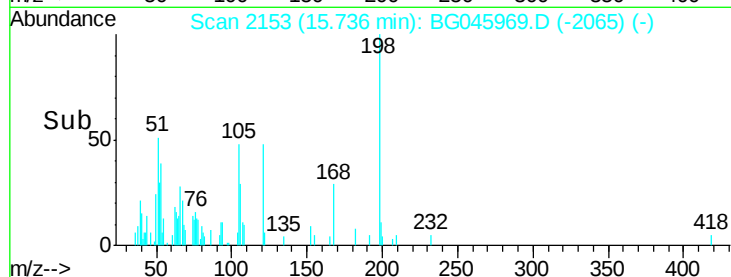
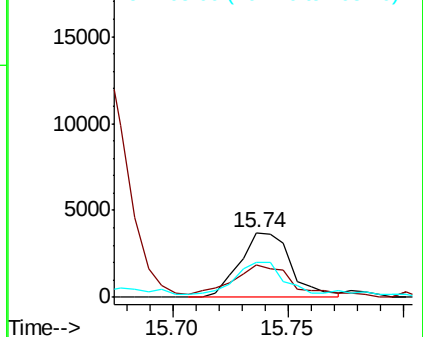
7/9/2020 10:55:44 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 5.155 ng

RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion:169 Resp: 95788

Ion Ratio Lower Upper

169 100

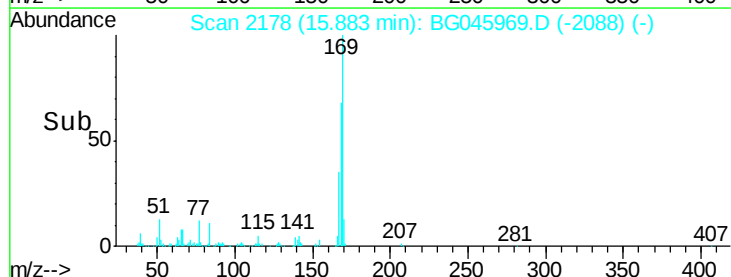
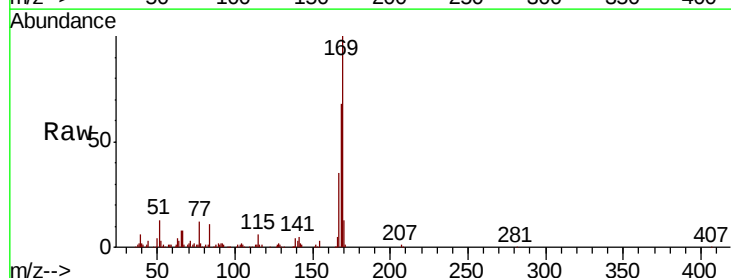
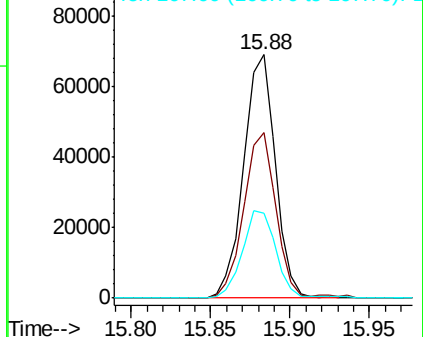
168 67.8 57.3 85.9

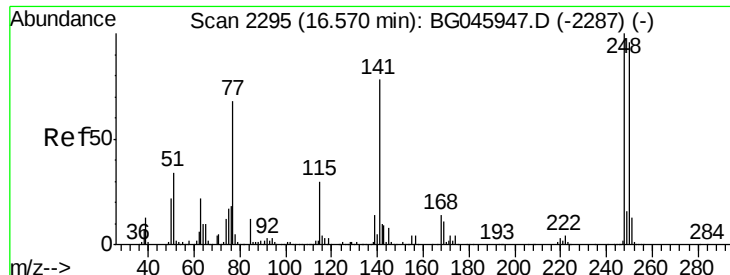
167 34.8 32.1 48.1

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





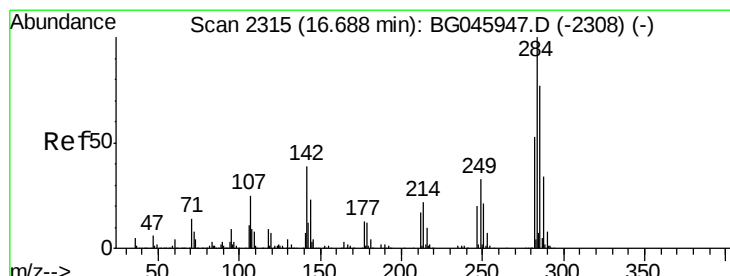
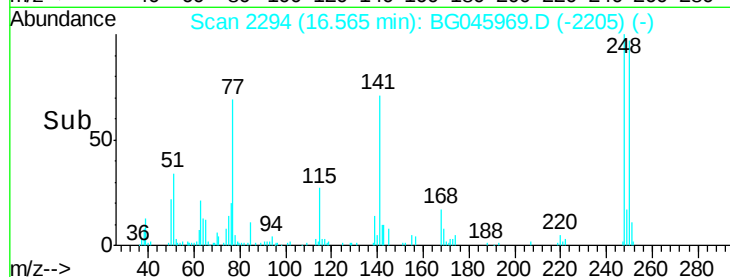
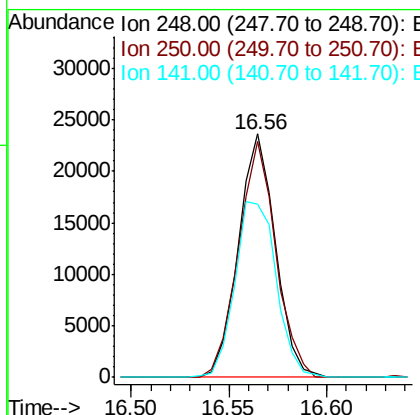
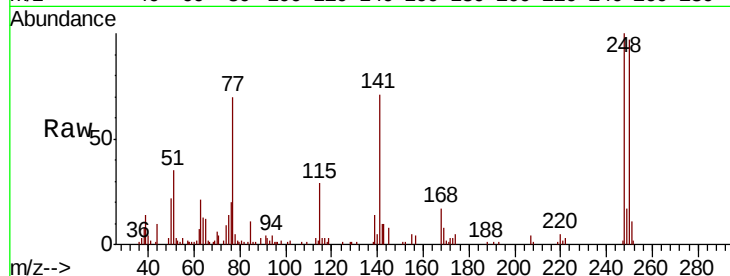
#67
4-Bromophenyl-phenylether
Concen: 4.612 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.6	114.8
141	71.1	62.7	94.1

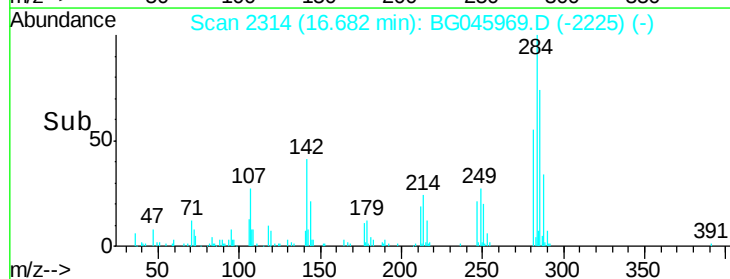
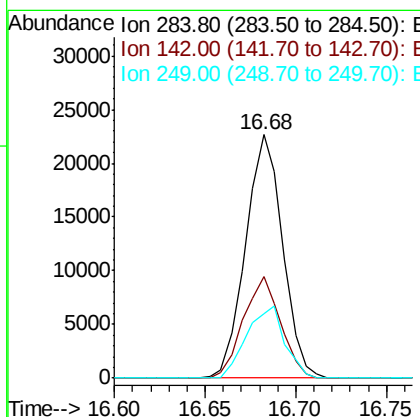
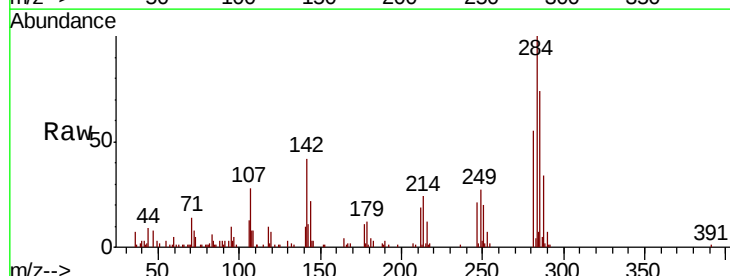
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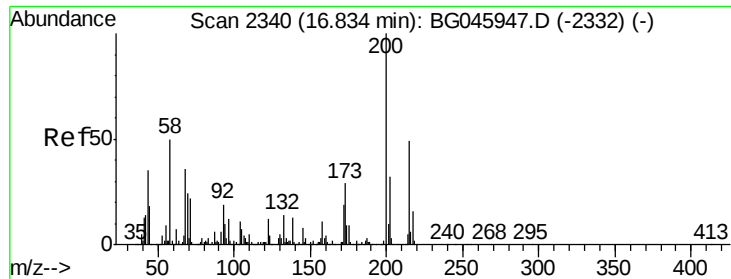
mohammad
7/9/2020 10:55:44 AM



#68
Hexachlorobenzene
Concen: 4.786 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.6	31.3	46.9
249	26.6	26.8	40.2#





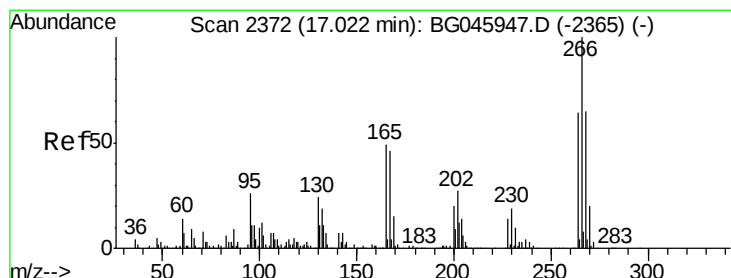
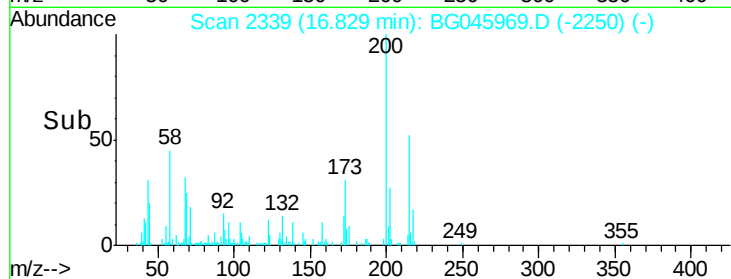
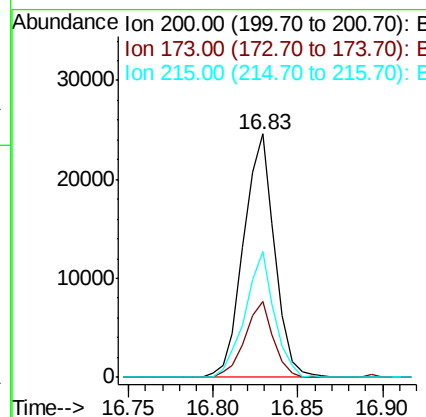
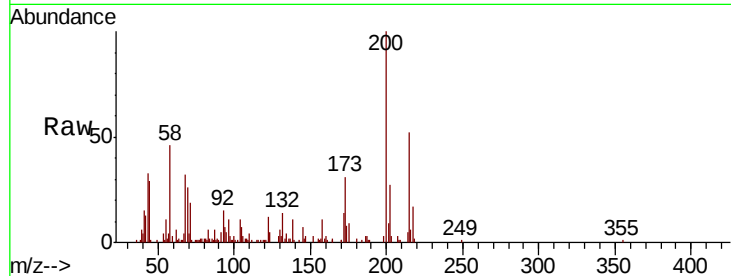
#69
Atrazine
Concen: 5.705 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	31.2	9.1	49.1
215	51.6	28.8	68.8

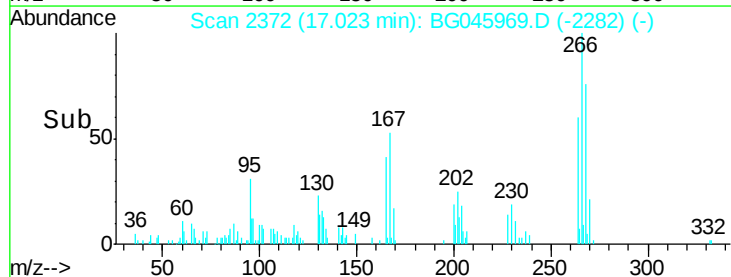
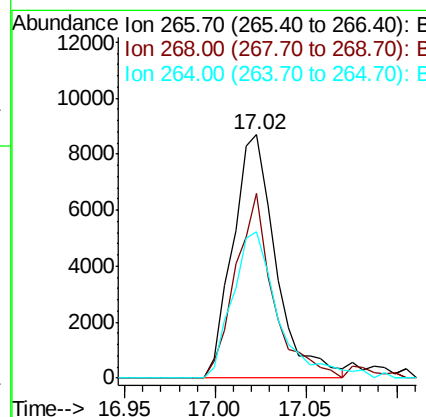
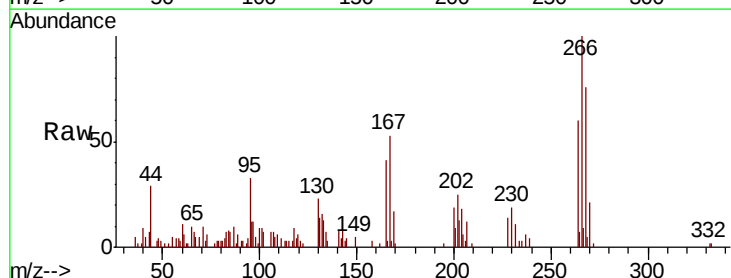
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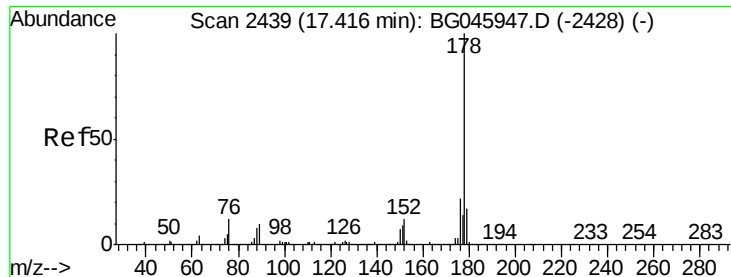
mohammad
7/9/2020 10:55:44 AM



#70
Pentachlorophenol
Concen: 3.849 ng
RT: 17.02 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	76.0	51.8	77.8
264	59.9	51.4	77.0





#71

Phenanthrene

Concen: 5.288 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

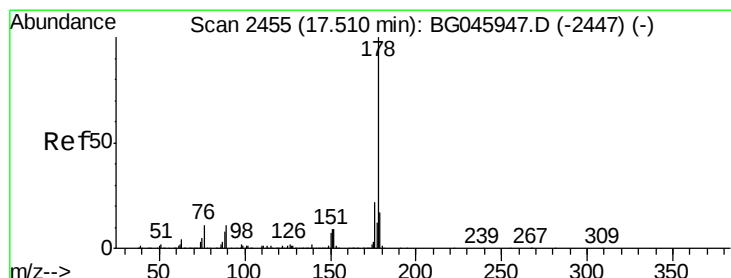
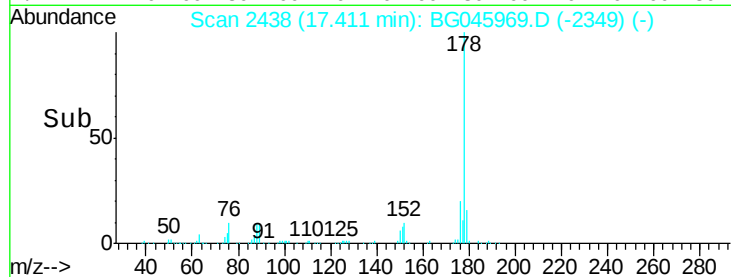
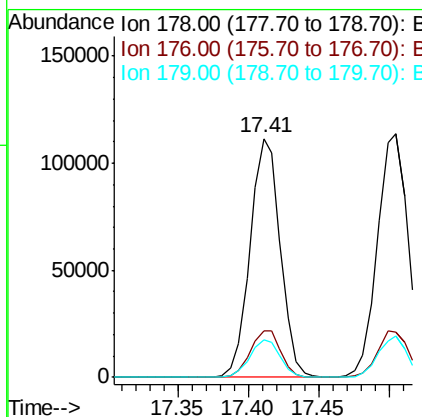
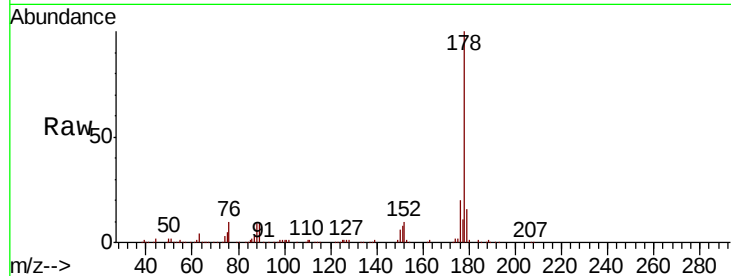
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:178	Resp:	167626
Ion Ratio	Lower	Upper
178	100	
176	19.7	17.4 26.2
179	15.9	13.4 20.2

Manual Integrations
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mohammad
7/9/2020 10:55:44 AM



#72

Anthracene

Concen: 5.372 ng

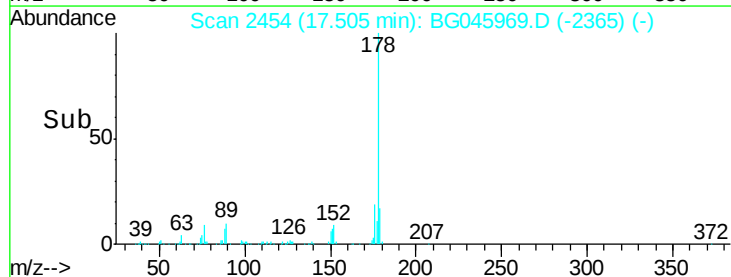
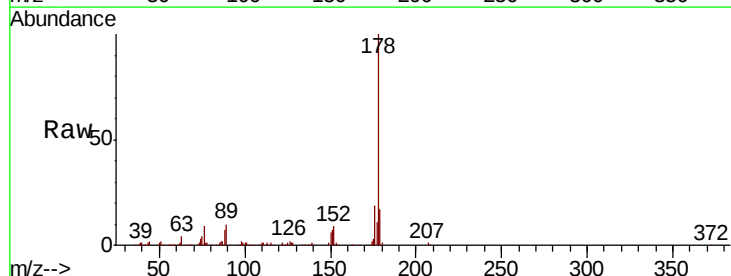
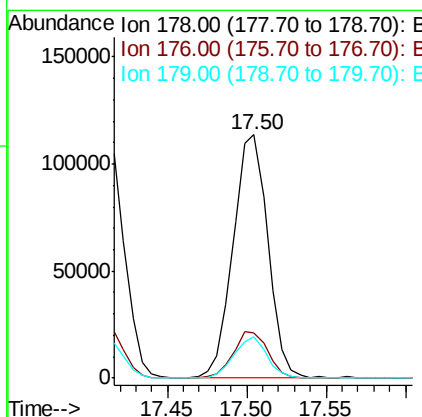
RT: 17.50 min Scan# 2454

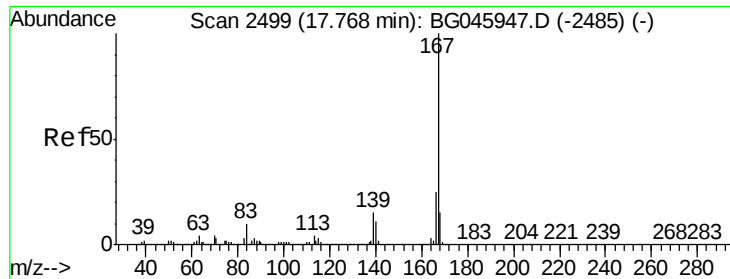
Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion:178	Resp:	172825
Ion Ratio	Lower	Upper
178	100	
176	18.8	17.2 25.8
179	16.8	14.0 21.0





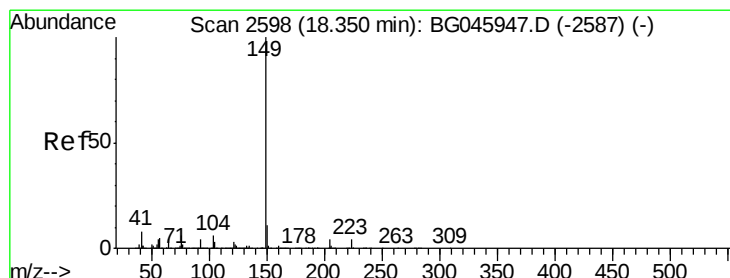
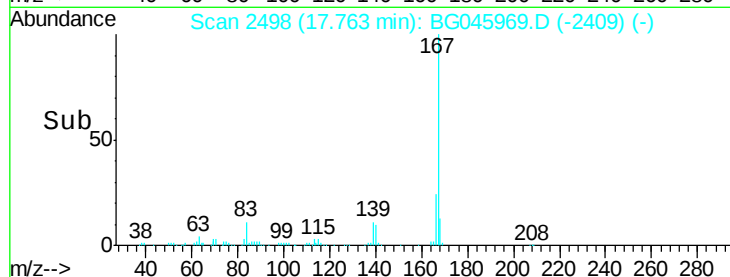
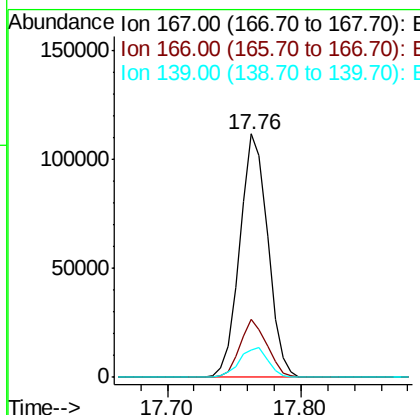
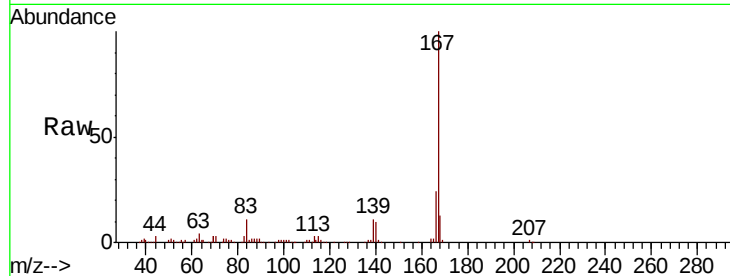
#73
 Carbazole
 Concen: 5.031 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	20.4	30.6
139	11.3	11.8	17.8

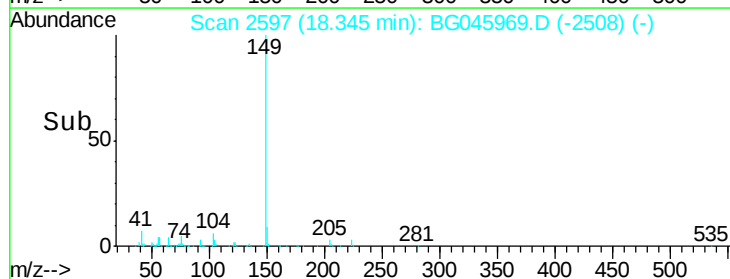
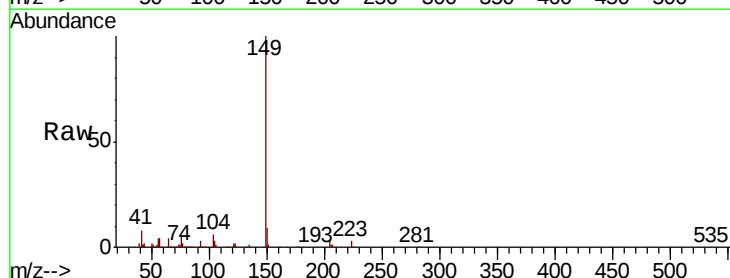
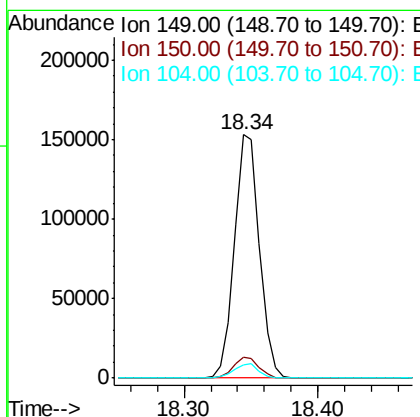
Manual Integrations
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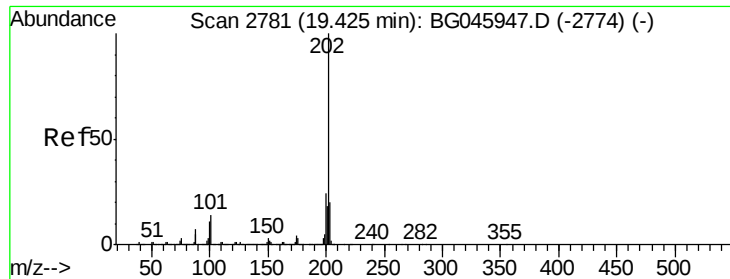
mohammad
 7/9/2020 10:55:44 AM



#74
 Di-n-butylphthalate
 Concen: 5.133 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	9.0	13.4
104	5.6	5.2	7.8





#75

Fluoranthene

Concen: 5.425 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

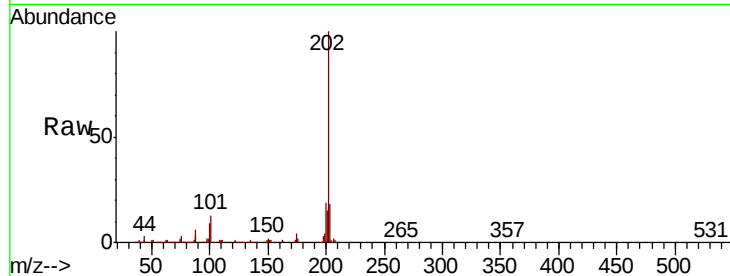
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

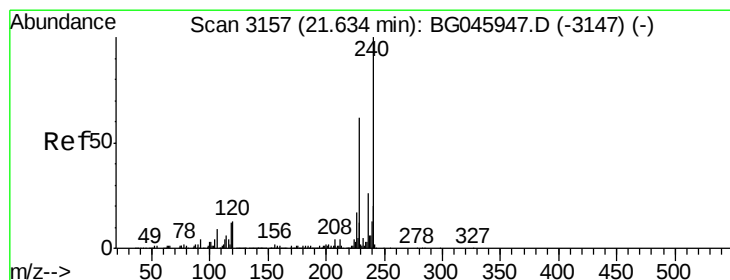
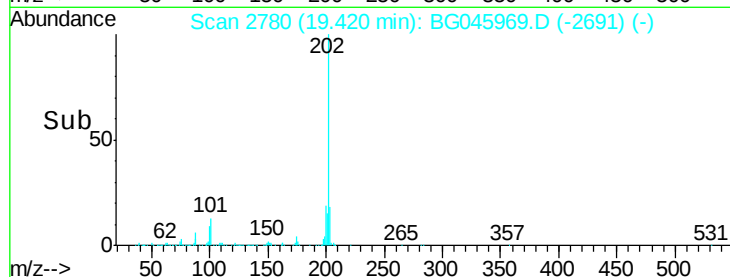
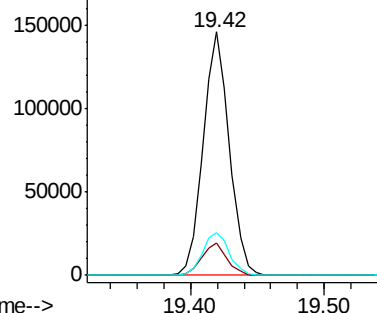
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	33.8
203	17.7	0.4	40.4

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



#76

Chrysene-d12

Concen: 20.000 ng

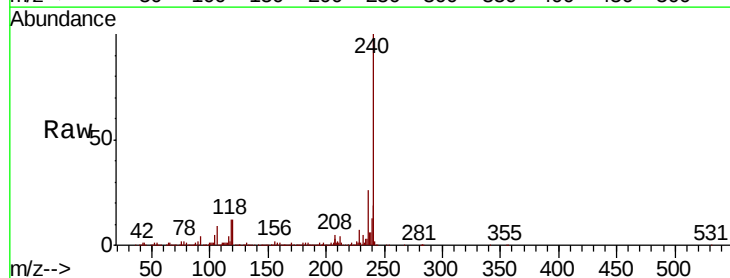
RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

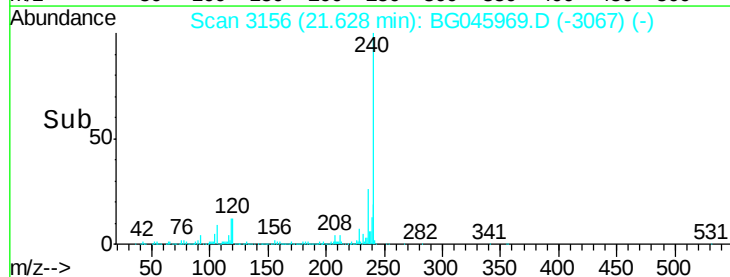
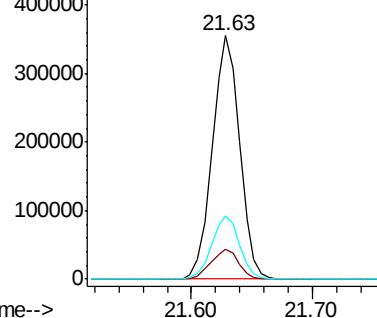
Lab File: BG045969.D

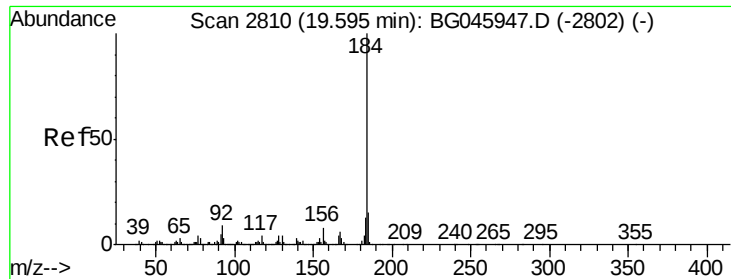
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.4	10.6	16.0
236	25.9	20.4	30.6



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





#77

Benzidine

Concen: 6.232 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

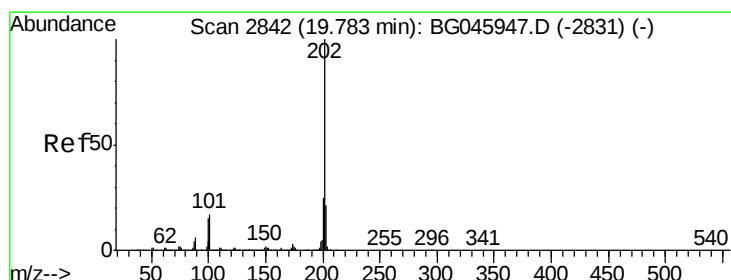
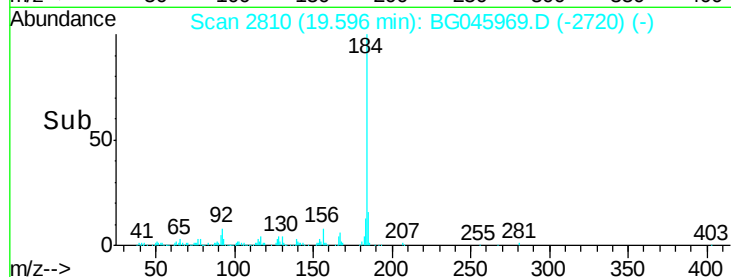
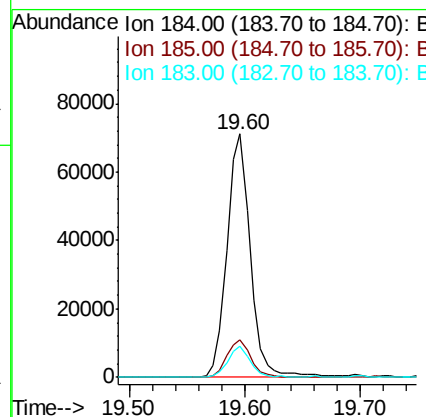
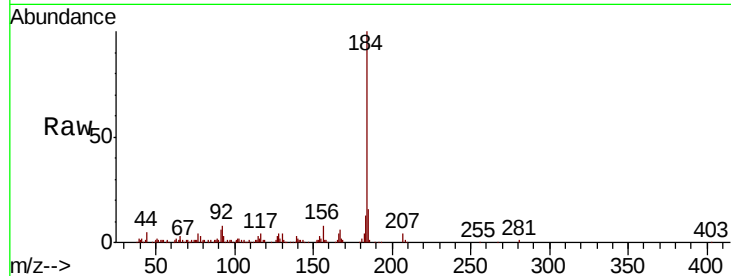
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	184	Resp:	99812
Ion Ratio	Lower	Upper	
184	100		
185	15.6	11.6	17.4
183	13.0	10.4	15.6

Manual Integrations
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#78

Pyrene

Concen: 5.246 ng

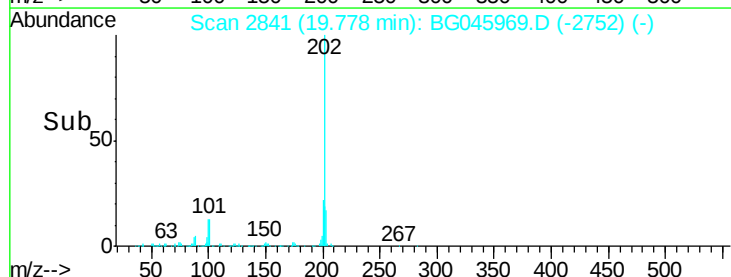
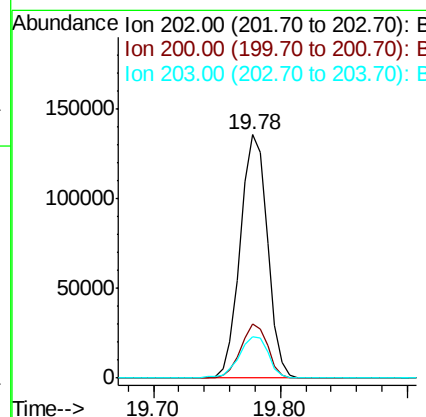
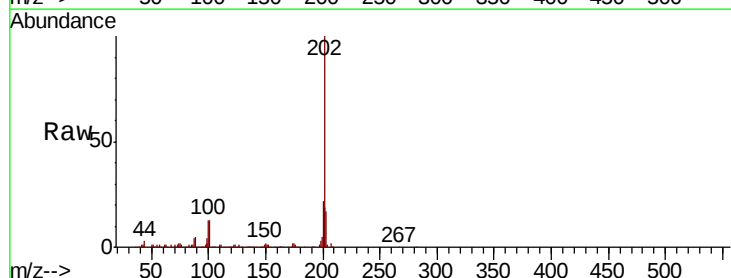
RT: 19.78 min Scan# 2841

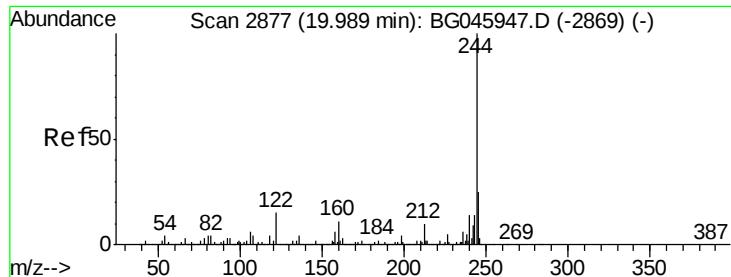
Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion:	202	Resp:	200588
Ion Ratio	Lower	Upper	
202	100		
200	22.3	20.1	30.1
203	16.9	16.5	24.7





#79

Terphenyl-d14

Concen: 118.401 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:244 Resp: 2980305

Ion Ratio Lower Upper

244 100

212 11.4 8.3 12.5

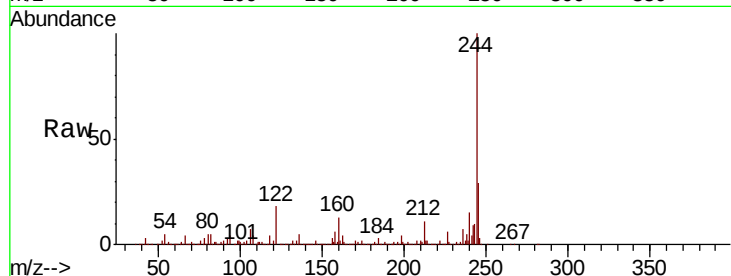
122 18.0 12.1 18.1

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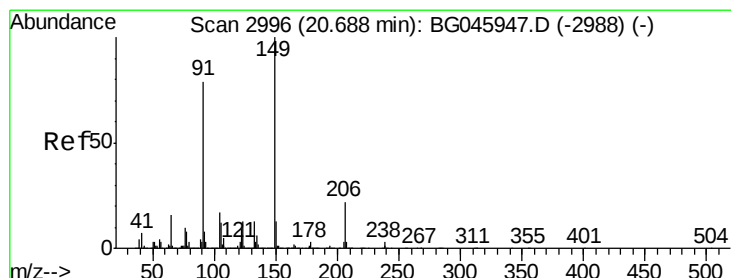
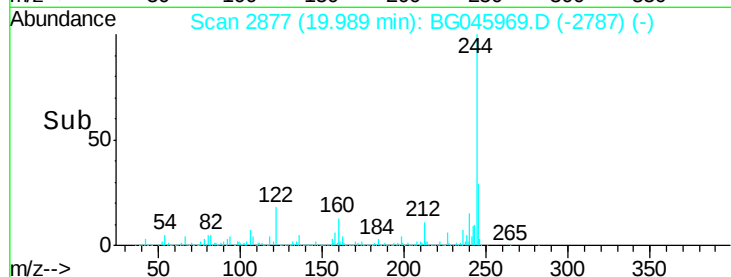
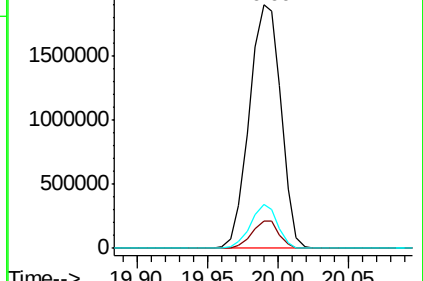
7/9/2020 10:55:44 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 4.387 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

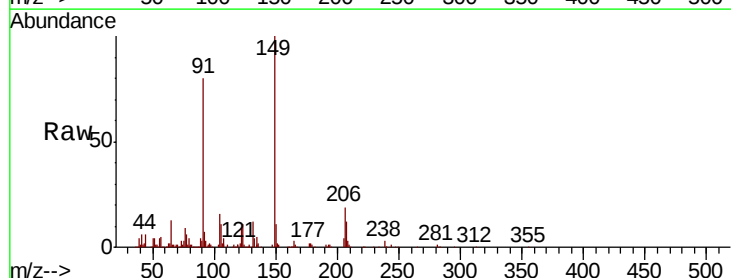
Tgt Ion:149 Resp: 79268

Ion Ratio Lower Upper

149 100

91 80.4 63.1 94.7

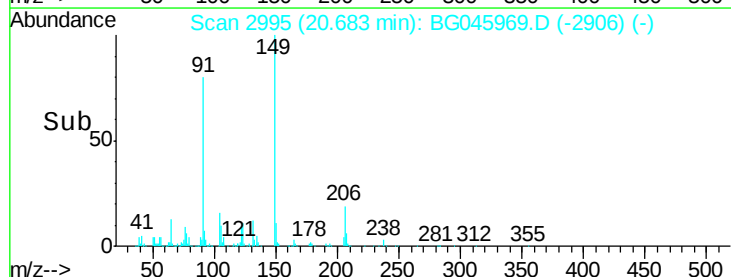
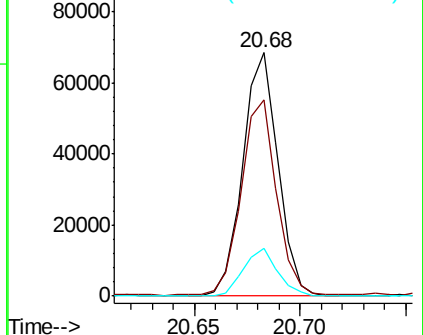
206 19.4 17.4 26.0

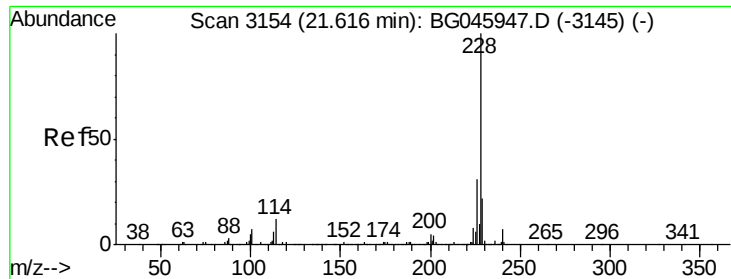


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





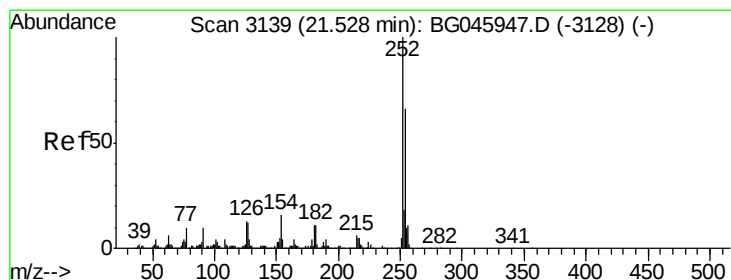
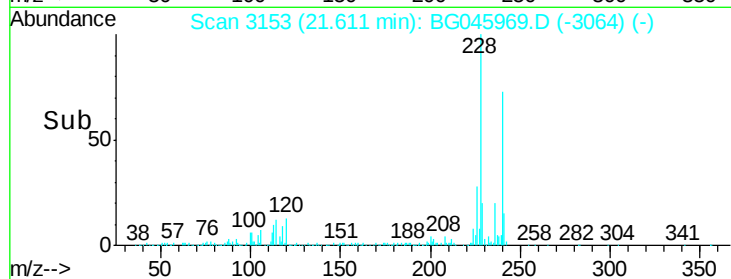
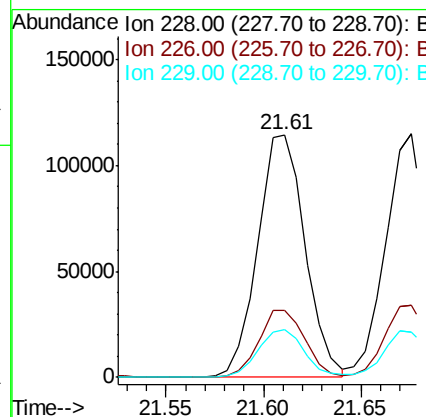
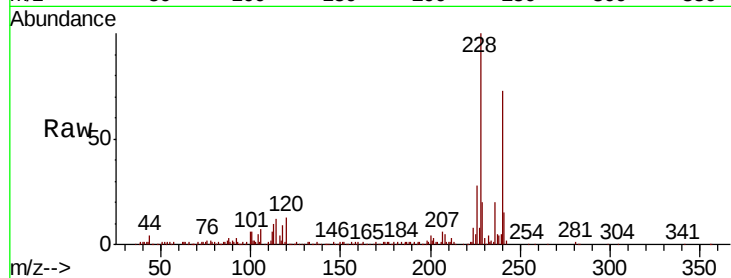
#81
Benzo(a)anthracene
Concen: 5.219 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.8	37.2
229	19.6	17.8	26.8

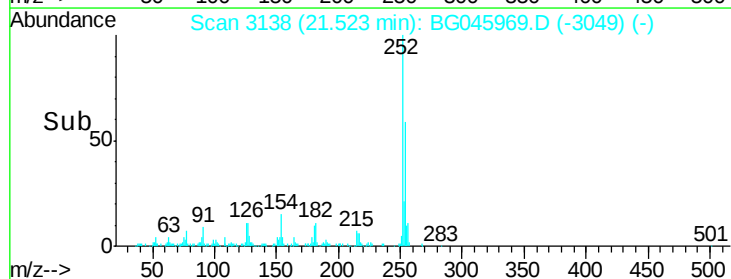
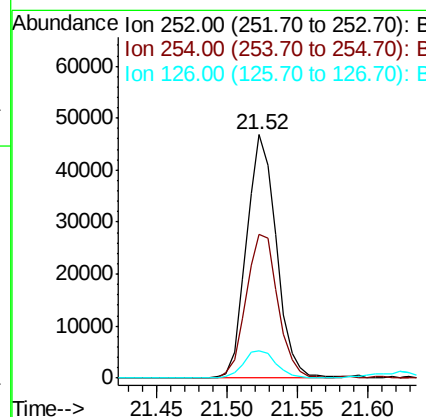
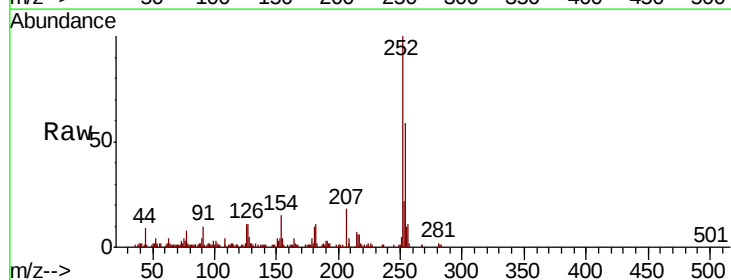
Manual Integrations
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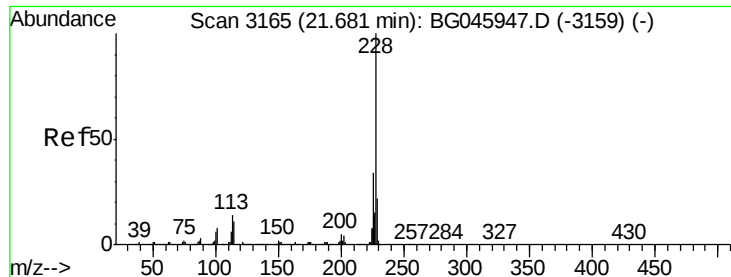
mohammad
7/9/2020 10:55:44 AM



#82
3,3'-Dichlorobenzidine
Concen: 5.113 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	58.9	52.9	79.3
126	11.4	10.4	15.6





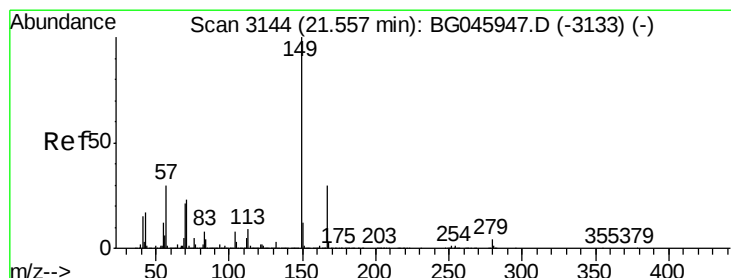
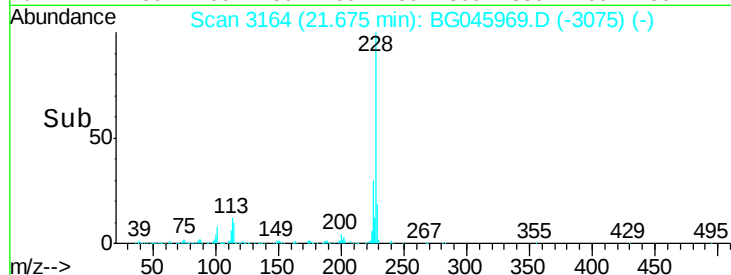
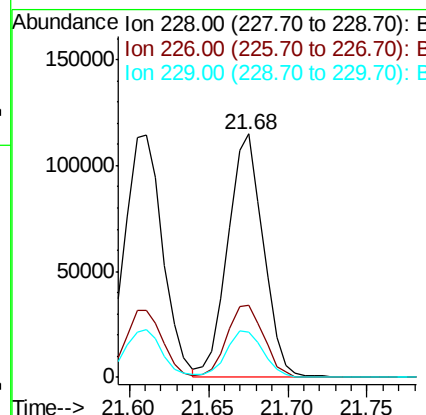
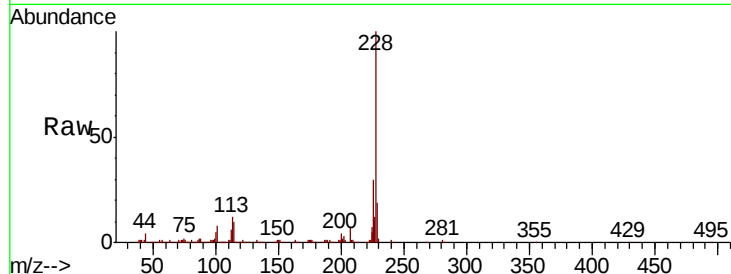
#83
 Chrysene
 Concen: 5.082 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	26.7	40.1
229	18.7	17.3	25.9

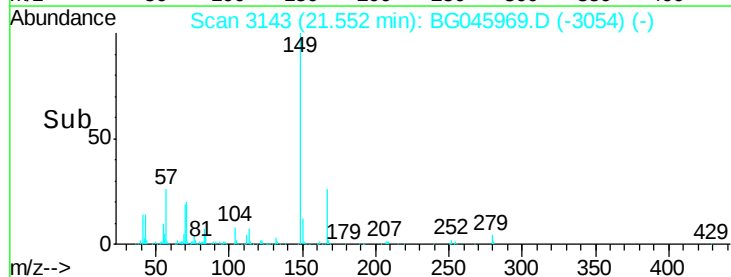
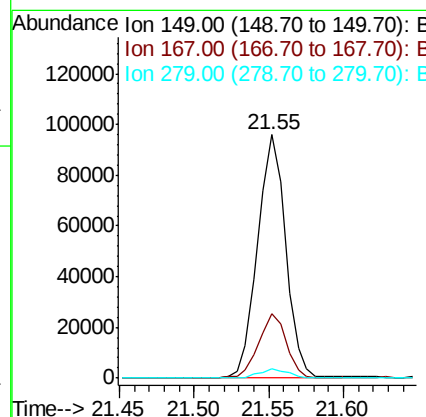
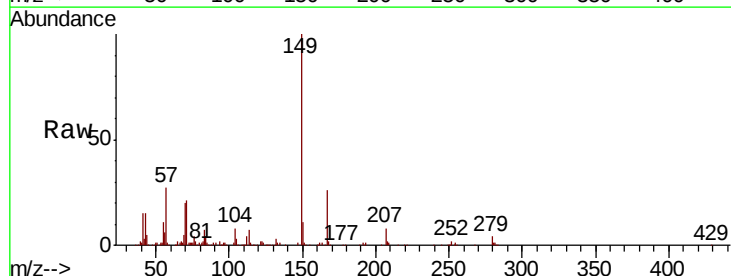
Manual Integrations
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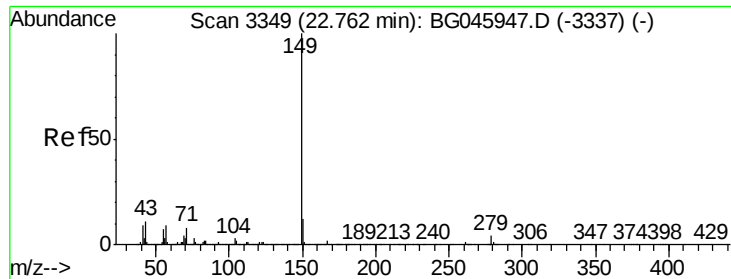
mohammad
 7/9/2020 10:55:44 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.761 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	23.8	35.8
279	3.9	3.5	5.3





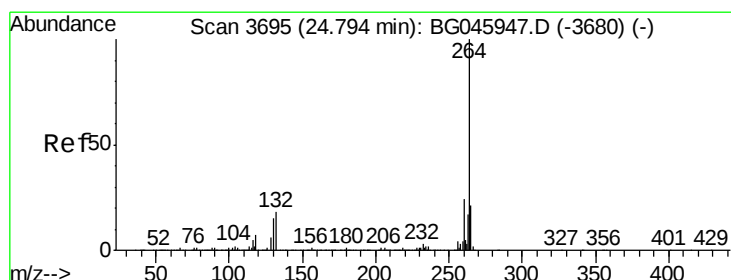
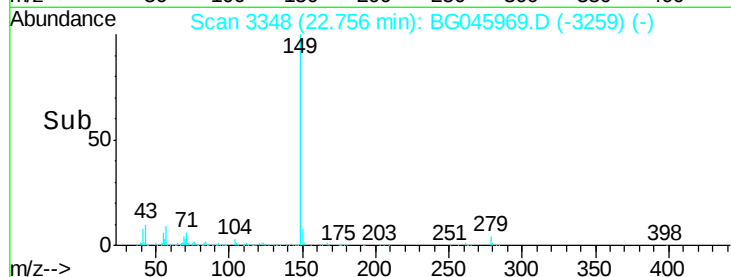
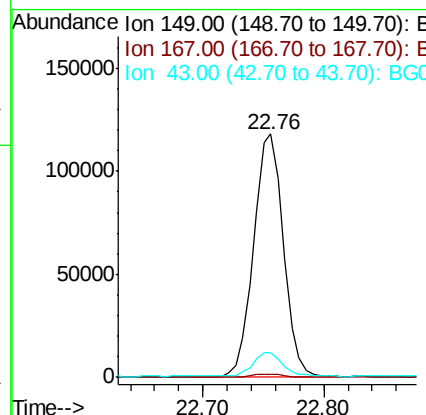
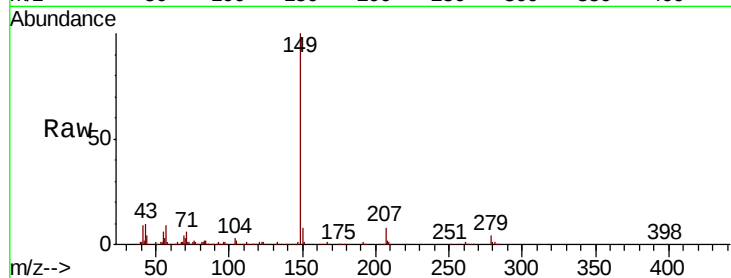
#85
Di-n-octyl phthalate
Concen: 4.451 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.7	8.6	12.8

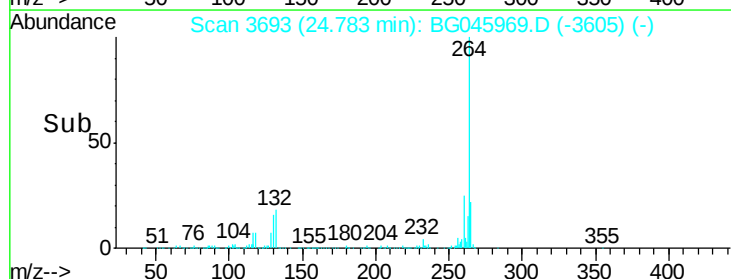
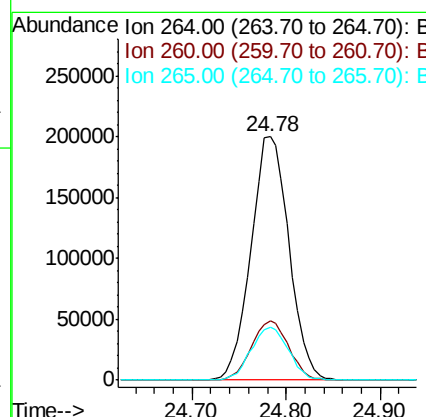
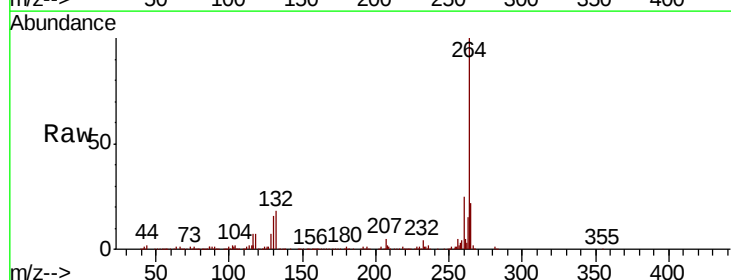
Manual Integrations
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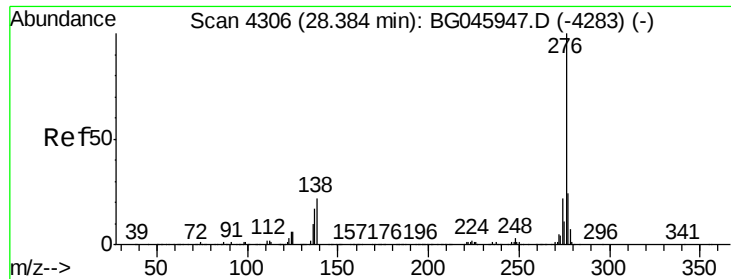
mohammad
7/9/2020 10:55:44 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.7	16.9	25.3





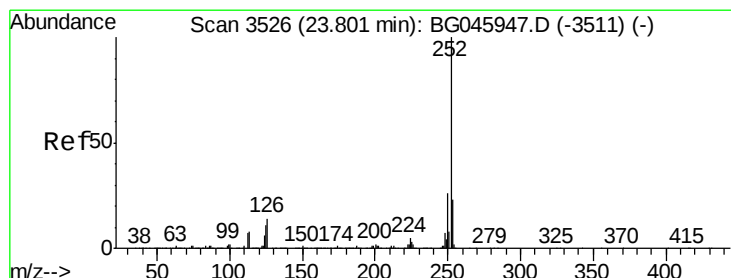
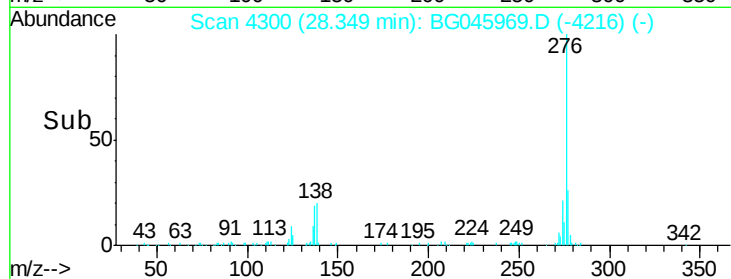
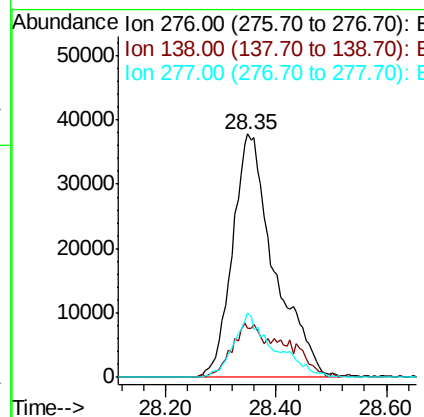
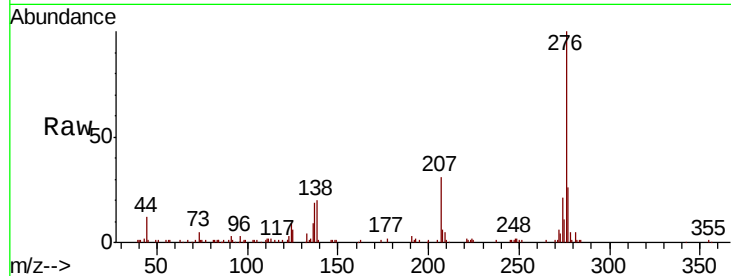
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.856 ng
 RT: 28.35 min Scan# 4300
 Delta R.T. -0.03 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.3	16.4	24.6
277	20.2	20.6	31.0#

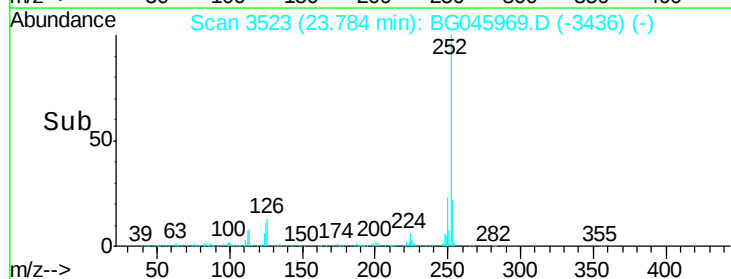
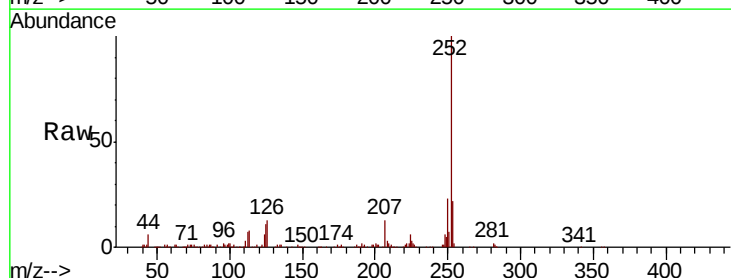
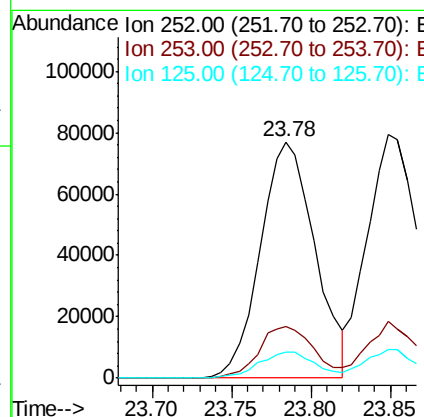
Manual Integrations
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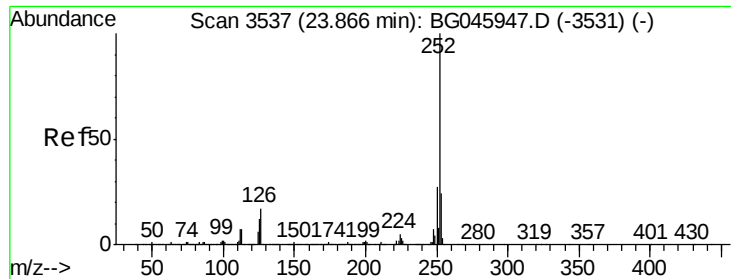
mohammad
 7/9/2020 10:55:44 AM



#88
 Benzo(b)fluoranthene
 Concen: 5.189 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.02 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	10.9	9.2	13.8





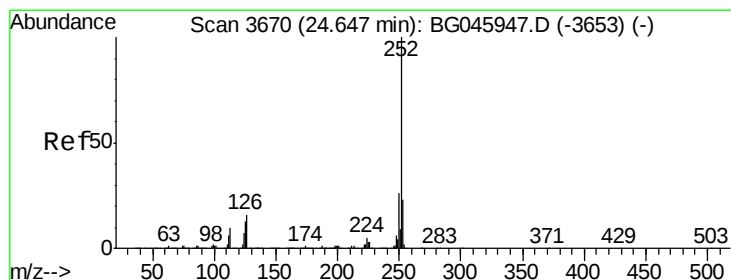
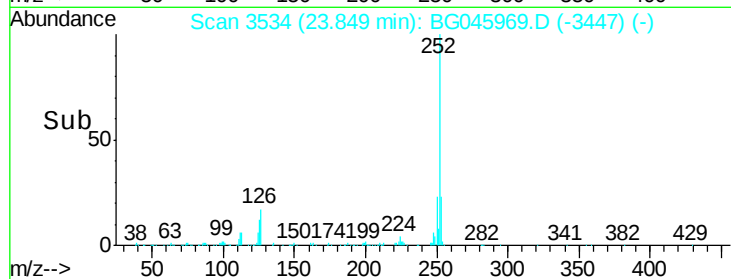
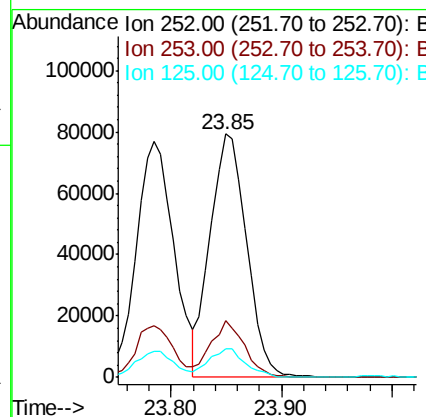
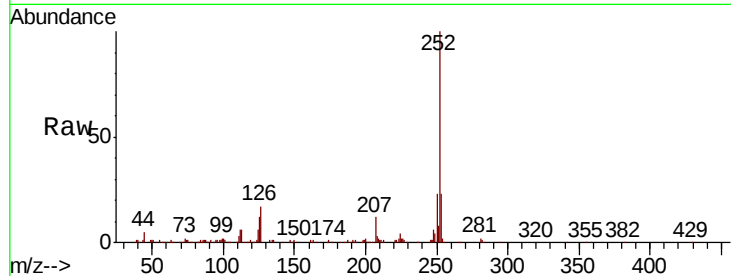
#89
Benzo(k)fluoranthene
Concen: 5.358 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.02 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	11.9	9.6	14.4

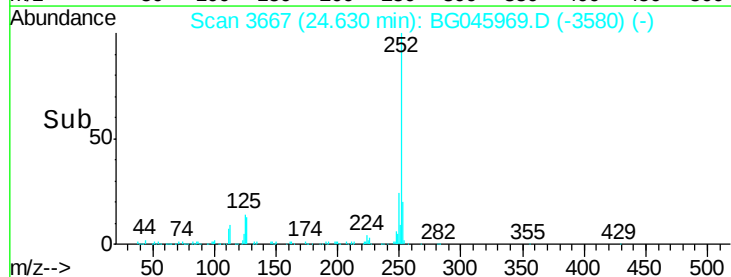
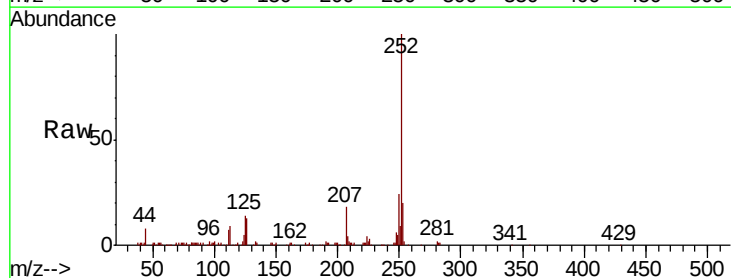
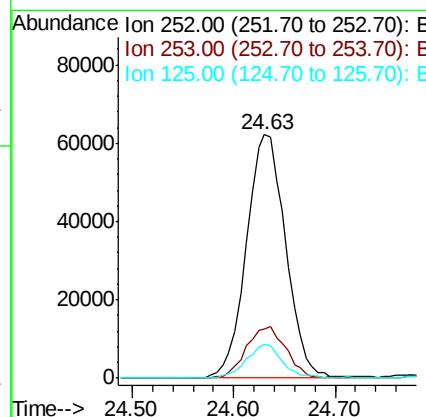
Manual Integrations
APPROVED

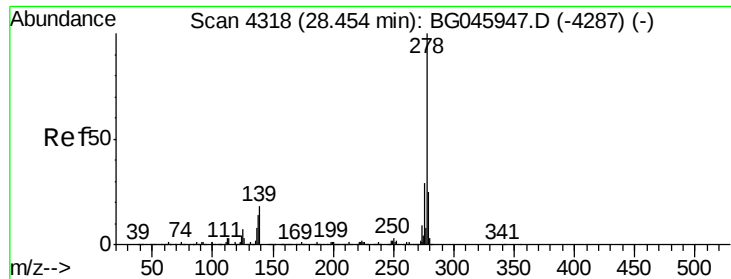
mohammad
7/9/2020 10:55:44 AM



#90
Benzo(a)pyrene
Concen: 4.990 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.6	28.0
125	14.0	10.5	15.7





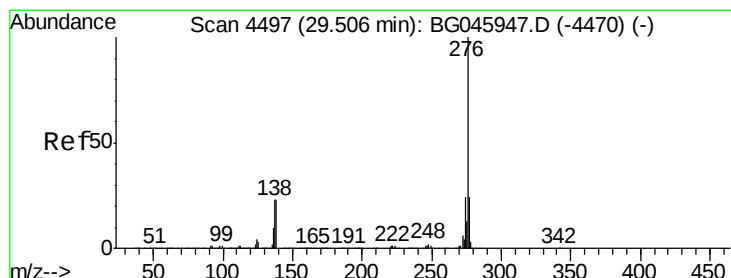
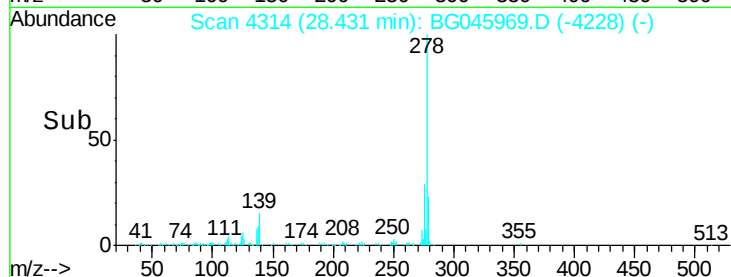
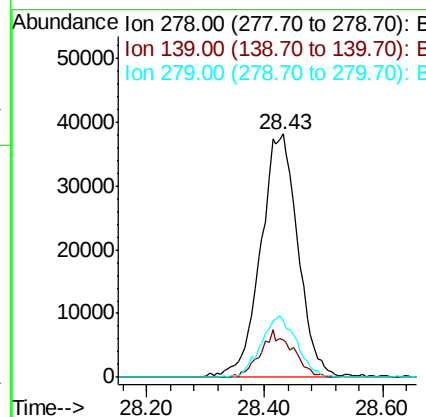
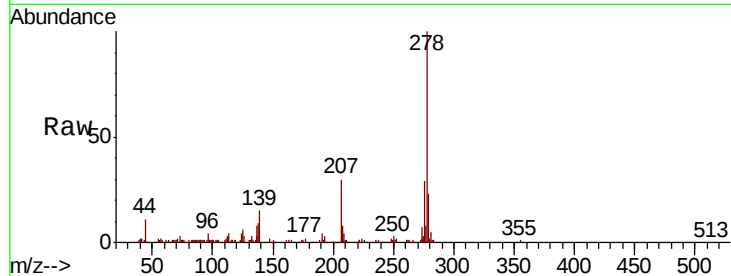
#91
Dibenzo(a,h)anthracene
Concen: 5.053 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.02 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	14.3	21.5
279	23.4	19.8	29.6

Manual Integrations
APPROVED

mohammad
7/9/2020 10:55:44 AM



#92
Benzo(g,h,i)perylene
Concen: 5.114 ng
RT: 29.46 min Scan# 4489
Delta R.T. -0.05 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	23.0	18.6	28.0

