

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045968.D
 Acq On : 7 Jul 2020 20:41
 Operator : CG/JU
 Sample : L3216-07
 Misc : LOD-MDL-WTR-4PPM
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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 7/9/2020 10:55:41 AM

Quant Time: Jul 08 04:35:58 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	134404	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	539295	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	320297	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	659658	20.00	ng	0.00
76) Chrysene-d12	21.63	240	592004	20.00	ng	0.00
86) Perylene-d12	24.78	264	588736	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1225881	147.91	ng	0.00
7) Phenol-d6	7.17	99	1699979	142.47	ng	0.00
23) Nitrobenzene-d5	9.16	82	1435315	153.19	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	482942	162.46	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2625883	127.88	ng	0.00
79) Terphenyl-d14	19.99	244	3051388	114.71	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	17287	4.521	ng	# 93
3) Pyridine	3.91	79	37538	3.247	ng	89
4) n-Nitrosodimethylamine	3.82	42	15774	4.035	ng	# 95
6) Aniline	7.33	93	60869	3.988	ng	98
8) 2-Chlorophenol	7.57	128	34400	3.856	ng	97
9) Benzaldehyde	7.14	77	42096	5.568	ng	95
10) Phenol	7.19	94	46197	3.860	ng	82
11) bis(2-Chloroethyl)ether	7.43	93	38386	3.878	ng	94
12) 1,3-Dichlorobenzene	7.90	146	39329	3.824	ng	88
13) 1,4-Dichlorobenzene	8.04	146	38422	3.798	ng	96
14) 1,2-Dichlorobenzene	8.36	146	36263	3.724	ng	98
15) Benzyl Alcohol	8.23	79	36383	3.889	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.53	45	50038	3.875	ng	96
17) 2-Methylphenol	8.44	107	30475	3.393	ng	98
18) Hexachloroethane	9.09	117	14827	3.809	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	33587	4.007	ng	# 96
20) 3+4-Methylphenols	8.76	107	41295	3.374	ng	97
22) Acetophenone	8.82	105	60197	4.178	ng	# 97
24) Nitrobenzene	9.20	77	41683	4.031	ng	92
25) Isophorone	9.72	82	88706	3.878	ng	98
26) 2-Nitrophenol	9.91	139	12050	3.575	ng	93
27) 2,4-Dimethylphenol	9.97	122	32338	3.972	ng	93
28) bis(2-Chloroethoxy)methane	10.21	93	50234	3.911	ng	# 93
29) 2,4-Dichlorophenol	10.45	162	28424	3.373	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	36068	3.862	ng	91
31) Naphthalene	10.85	128	113391	3.922	ng	98
32) Benzoic acid	10.02	122	7814m	1.772	ng	
33) 4-Chloroaniline	10.95	127	47582	3.683	ng	97
34) Hexachlorobutadiene	11.15	225	20051	3.677	ng	90
35) Caprolactam	11.69	113	10018	3.131	ng	92
36) 4-Chloro-3-methylphenol	12.07	107	33877	3.529	ng	92
37) 2-Methylnaphthalene	12.46	142	81063	3.944	ng	97
38) 1-Methylnaphthalene	12.68	142	77101m	3.975	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	38645	4.280	ng	95

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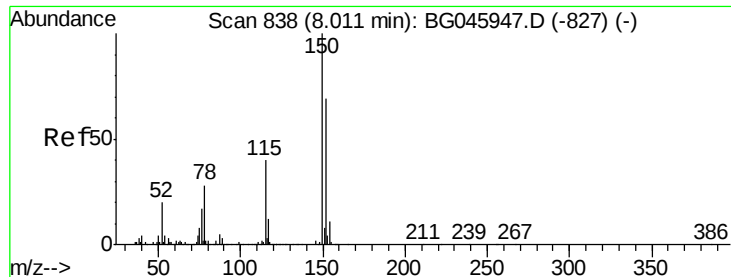
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	21127	3.943	nq	94
43) 2,4,6-Trichlorophenol	13.06	196	21290	3.487	nq	97
44) 2,4,5-Trichlorophenol	13.13	196	23367	3.385	nq	94
46) 1,1'-Biphenyl	13.46	154	109334	4.538	nq	99
47) 2-Chloronaphthalene	13.50	162	72684	3.823	nq	97
48) 2-Nitroaniline	13.69	65	17975	4.040	nq	96
49) Acenaphthylene	14.35	152	124540	4.060	nq	97
50) Dimethylphthalate	14.08	163	93873	3.905	nq	99
51) 2,6-Dinitrotoluene	14.19	165	13460	3.609	nq #	89
52) Acenaphthene	14.69	154	73501	3.799	nq	95
53) 3-Nitroaniline	14.51	138	15866	3.433	nq	97
54) 2,4-Dinitrophenol	14.71	184	3000	2.280	nq #	1
55) Dibenzofuran	15.03	168	116051	4.092	nq	97
56) 4-Nitrophenol	14.81	139	11860	3.028	nq	96
57) 2,4-Dinitrotoluene	14.97	165	15894	3.449	nq #	90
58) Fluorene	15.67	166	93795	4.032	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	19270m	3.615	nq	
60) Diethylphthalate	15.45	149	98612	3.912	nq	95
61) 4-Chlorophenyl-phenylether	15.67	204	44930	3.882	nq	99
62) 4-Nitroaniline	15.67	138	16129	3.247	nq	94
63) Azobenzene	15.97	77	110795	4.095	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	5145	2.663	nq	76
66) n-Nitrosodiphenylamine	15.88	169	79540	3.891	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	25779	3.499	nq	86
68) Hexachlorobenzene	16.68	284	28336	3.833	nq #	87
69) Atrazine	16.83	200	26015	4.304	nq	97
70) Pentachlorophenol	17.02	266	11398	2.773	nq #	90
71) Phenanthrene	17.41	178	143892	4.126	nq	97
72) Anthracene	17.50	178	150504	4.253	nq	95
73) Carbazole	17.76	167	139284	3.926	nq	95
74) Di-n-butylphthalate	18.34	149	166291	3.879	nq	97
75) Fluoranthene	19.42	202	166379	4.127	nq	96
77) Benzidine	19.60	184	78446	4.634	nq	96
78) Pyrene	19.78	202	172972	4.280	nq	93
80) Butylbenzylphthalate	20.68	149	63919	3.347	nq	93
81) Benzo(a)anthracene	21.61	228	153835	3.952	nq	94
82) 3,3'-Dichlorobenzidine	21.52	252	55228	3.840	nq	95
83) Chrysene	21.68	228	146780	3.958	nq	93
84) Bis(2-ethylhexyl)phthalate	21.55	149	98550	3.555	nq	97
85) Di-n-octyl phthalate	22.75	149	167694	3.486	nq	99
87) Indeno(1,2,3-cd)pyrene	28.35	276	169416	3.933	nq #	67
88) Benzo(b)fluoranthene	23.78	252	150106	4.016	nq	100
89) Benzo(k)fluoranthene	23.85	252	144567	4.091	nq	95
90) Benzo(a)pyrene	24.63	252	134997	3.841	nq	95
91) Dibenzo(a,h)anthracene	28.42	278	140683	4.050	nq #	95
92) Benzo(g,h,i)perylene	29.45	276	141922	4.060	nq	96

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



#1

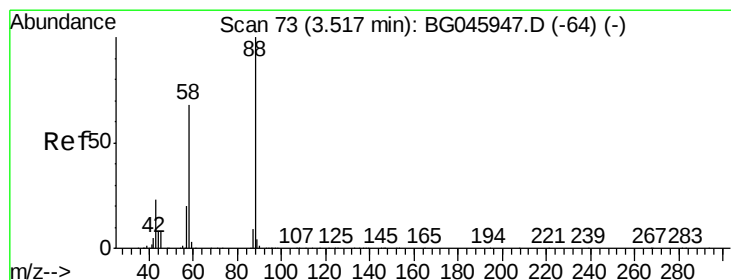
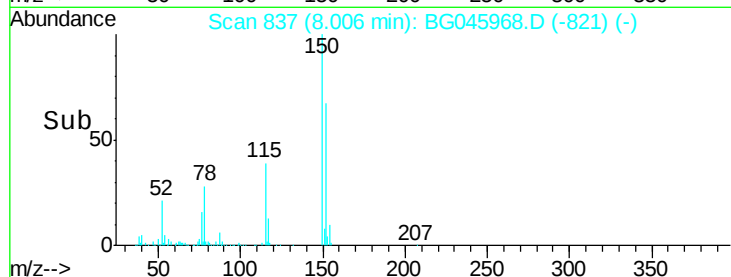
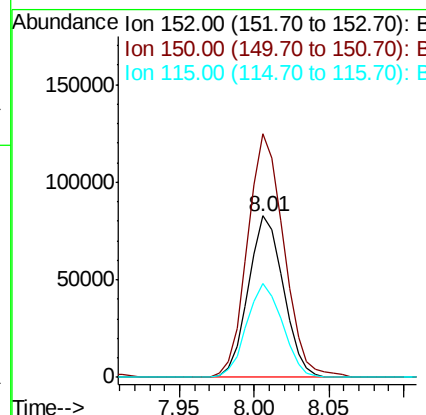
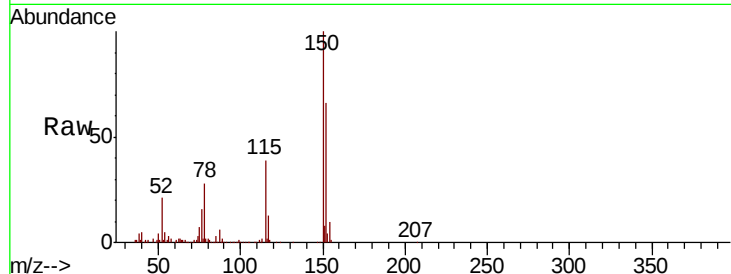
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	116.7	175.1
115	58.2	47.4	71.0

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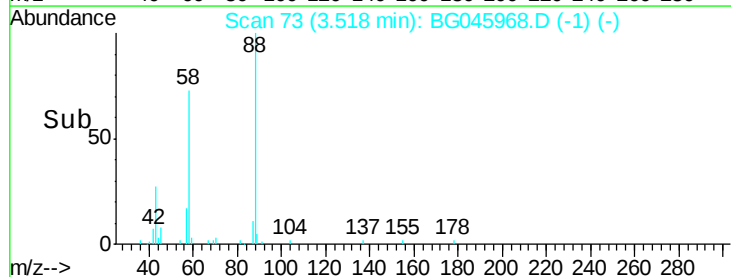
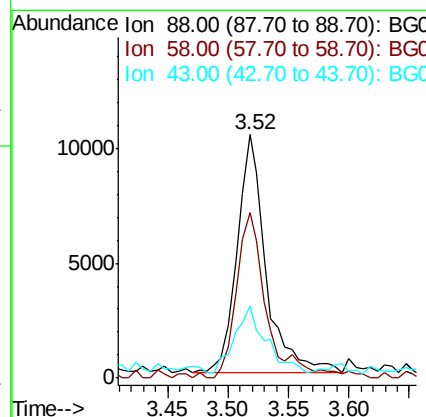
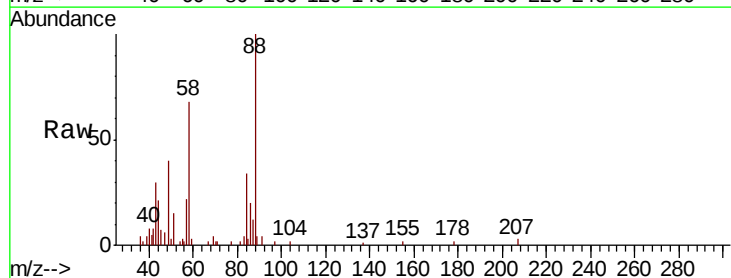
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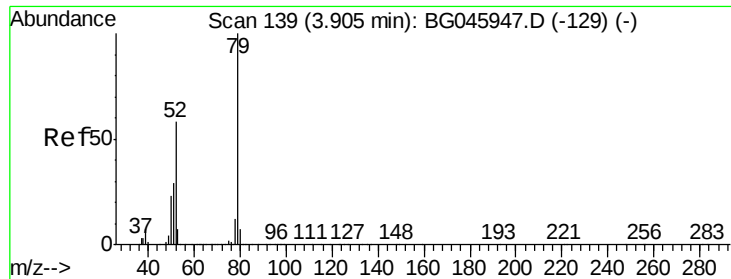


#2

1,4-Dioxane
Concen: 4.521 ng
RT: 3.52 min Scan# 73
Delta R.T. 0.00 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	55.2	82.8
43	30.6	19.4	29.0





#3

Pvridine

Concen: 3.247 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

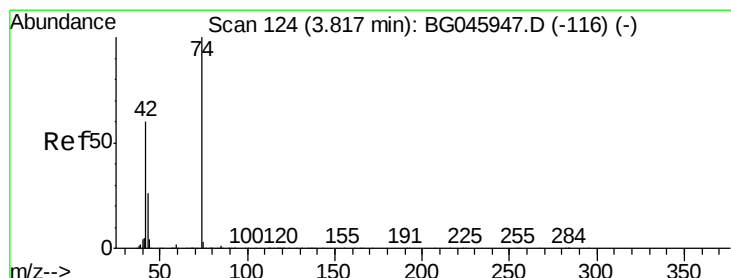
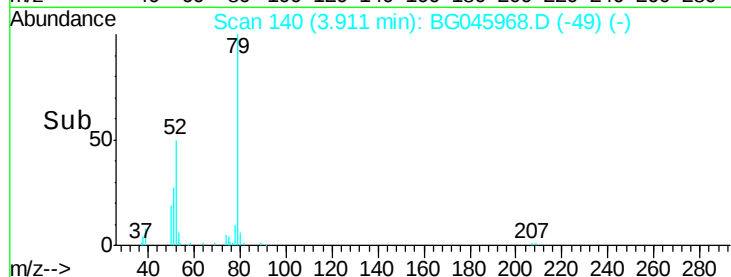
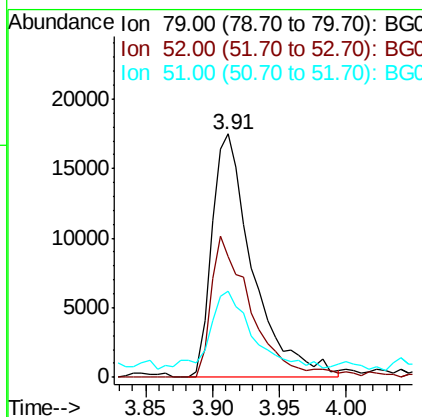
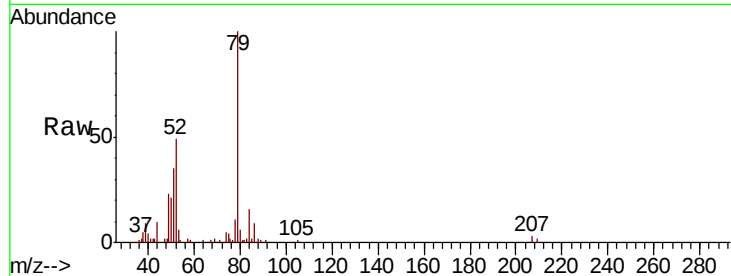
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion	79	Resp	37538
Ion Ratio	Lower	Upper	
79	100		
52	49.4	46.5	69.7
51	35.3	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 4.035 ng

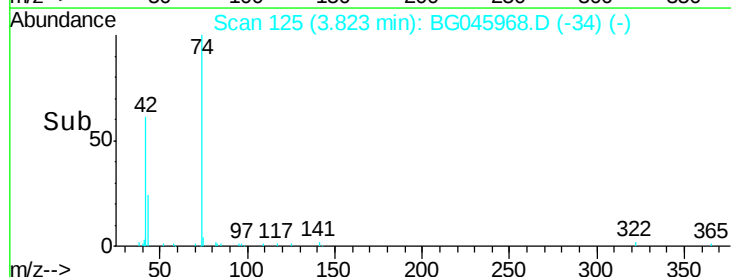
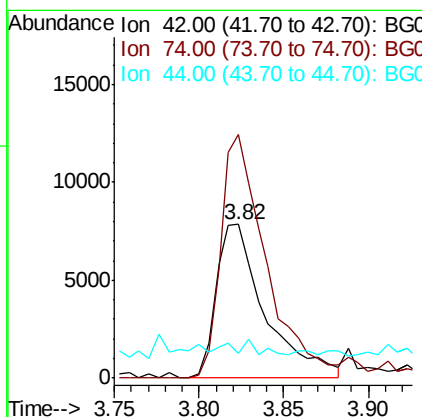
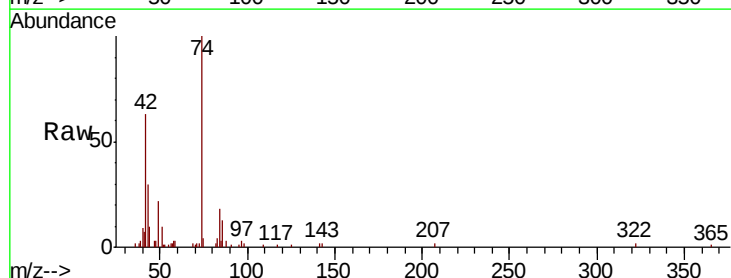
RT: 3.82 min Scan# 125

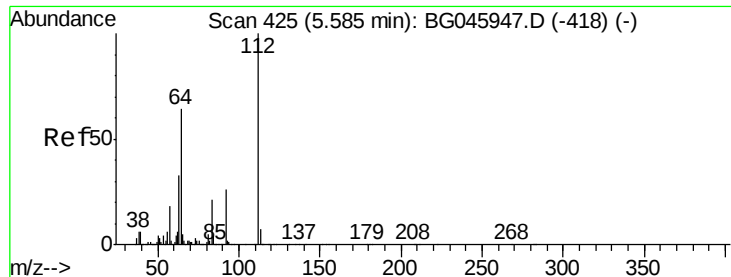
Delta R.T. 0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Tgt Ion	42	Resp	15774
Ion Ratio	Lower	Upper	
42	100		
74	158.7	131.9	197.9
44	15.8	7.7	11.5#





#5

2-Fluorophenol

Concen: 147.910 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

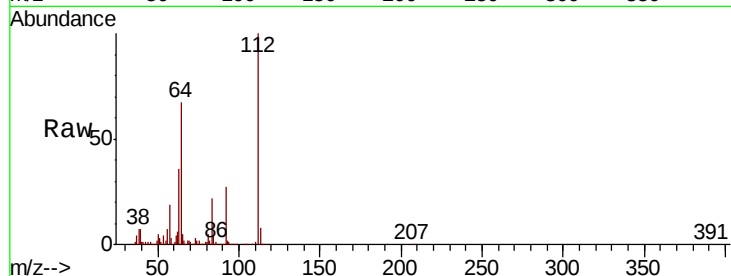
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

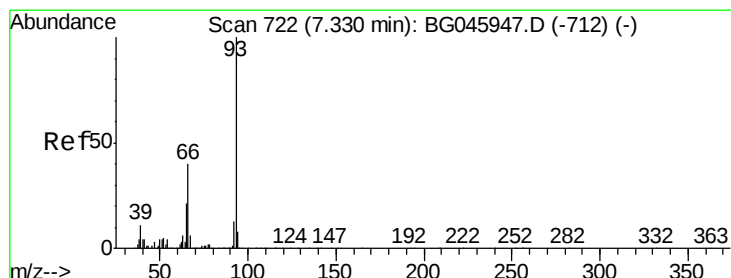
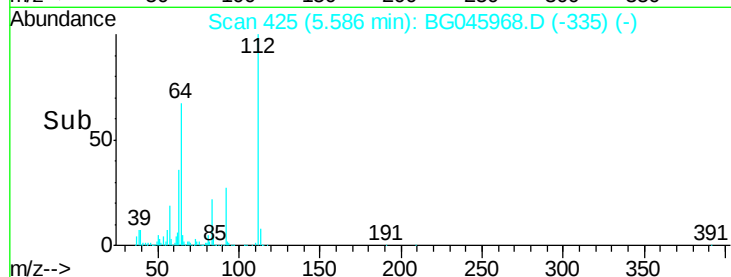
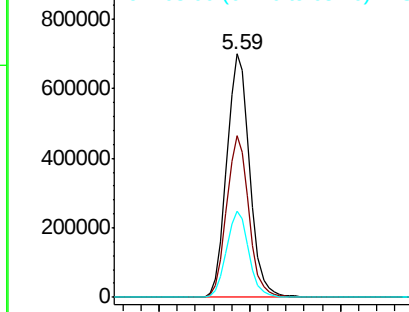
Tot Ion:	112	Resp:	1225881
Ion	Ratio	Lower	Upper
112	100		
64	66.6	51.4	77.2
63	35.5	26.6	40.0

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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: 3.988 ng

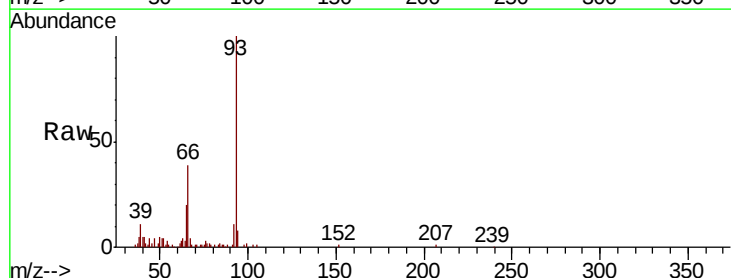
RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

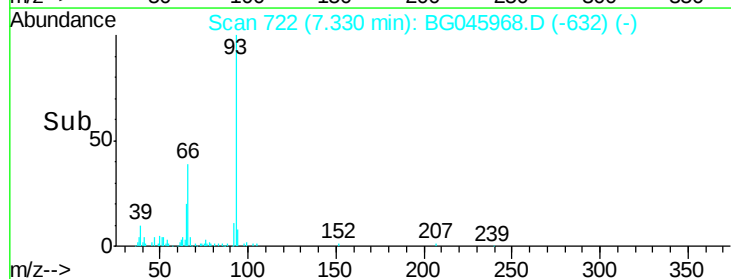
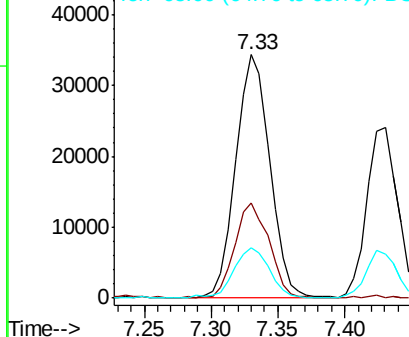
Lab File: BG045968.D

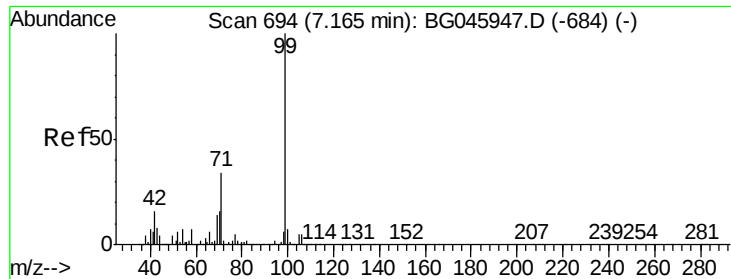
Acq: 7 Jul 2020 20:41

Tgt Ion:	93	Resp:	60869
Ion	Ratio	Lower	Upper
93	100		
66	38.9	32.3	48.5
65	20.5	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: 142.468 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 99 Resp: 1699979

Ion Ratio Lower Upper

99 100

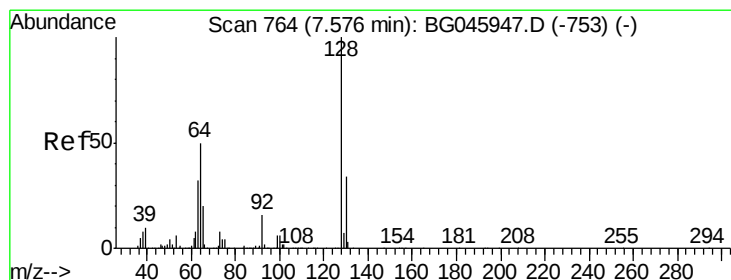
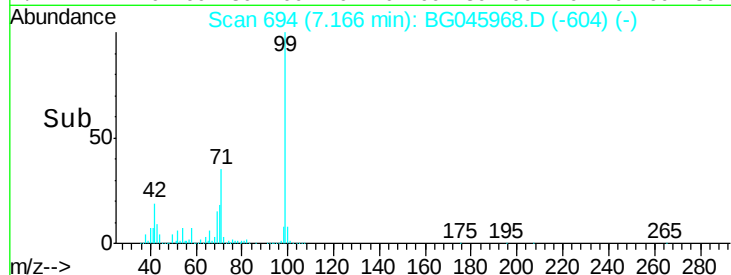
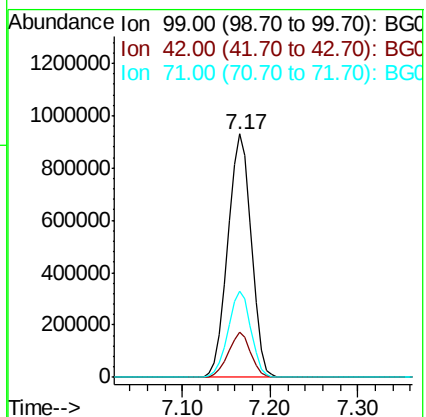
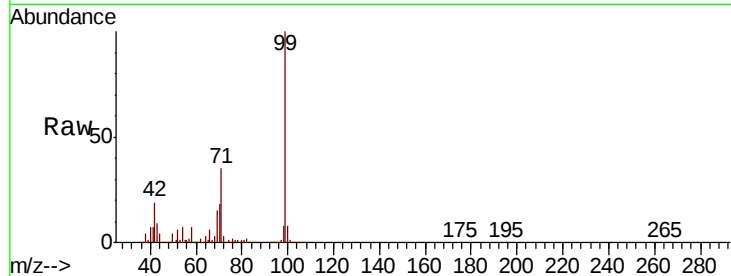
42 18.6 13.0 19.4

71 35.2 27.5 41.3

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#8

2-Chlorophenol

Concen: 3.856 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

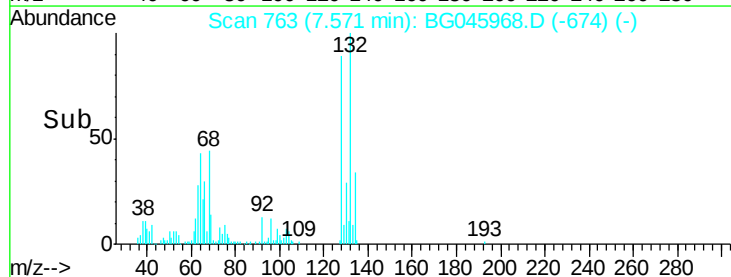
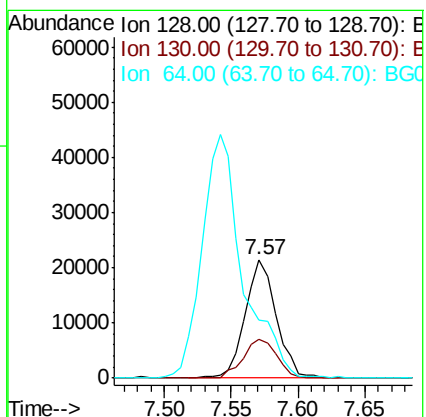
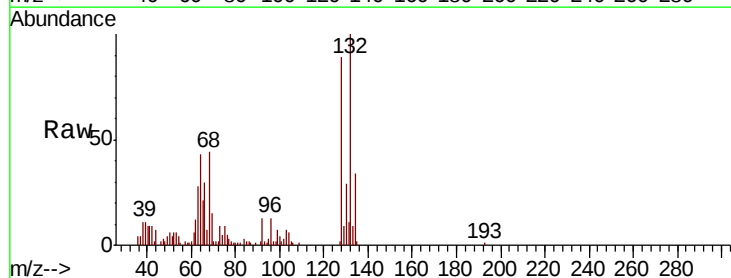
Tgt Ion: 128 Resp: 34400

Ion Ratio Lower Upper

128 100

130 32.2 13.6 53.6

64 48.5 30.6 70.6





#9

Benzaldehyde

Concen: 5.568 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

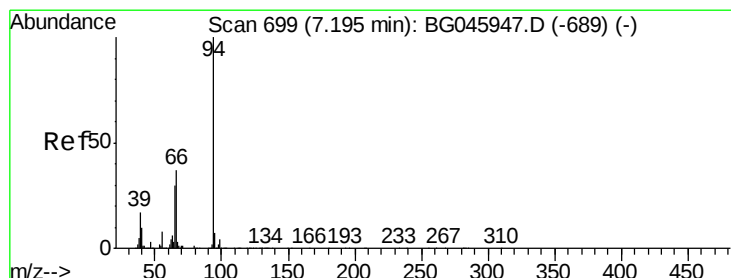
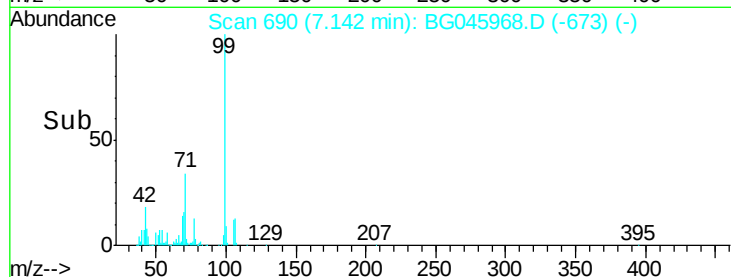
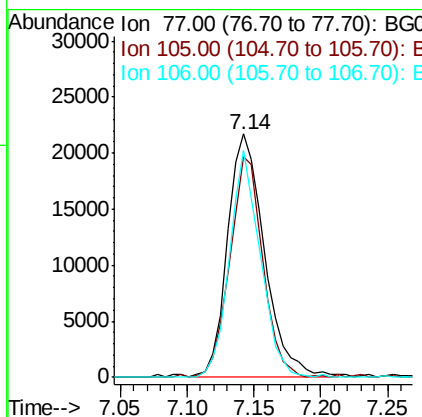
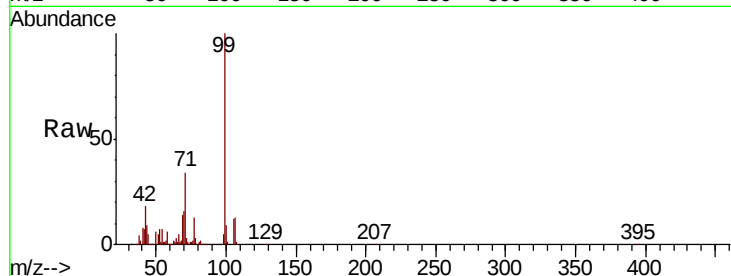
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	77	Resp:	42096
Ion	Ratio	Lower	Upper
77	100		
105	90.4	66.0	106.0
106	93.3	67.7	107.7

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#10

Phenol

Concen: 3.860 ng

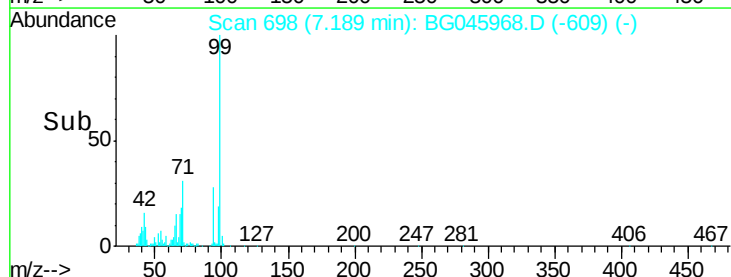
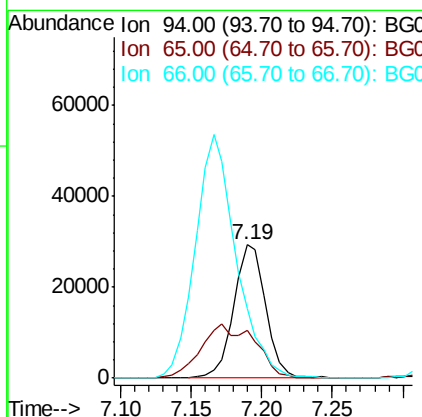
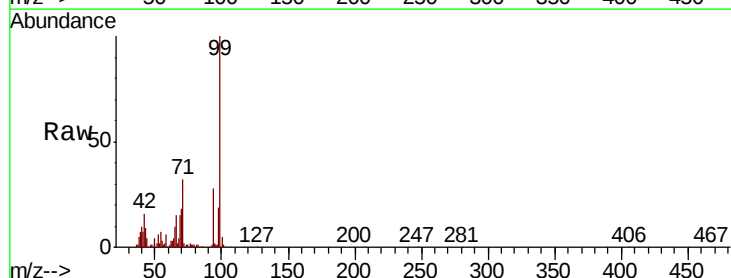
RT: 7.19 min Scan# 698

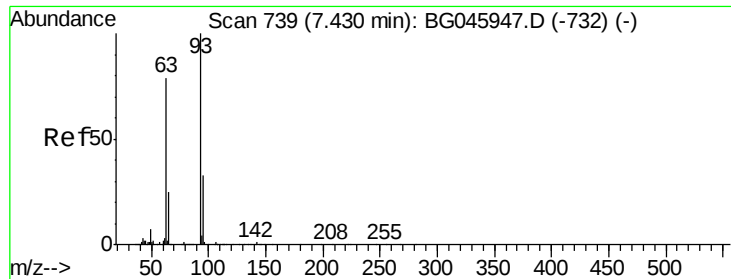
Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Tgt Ion:	94	Resp:	46197
Ion	Ratio	Lower	Upper
94	100		
65	35.6	10.6	50.6
66	52.0	17.1	57.1





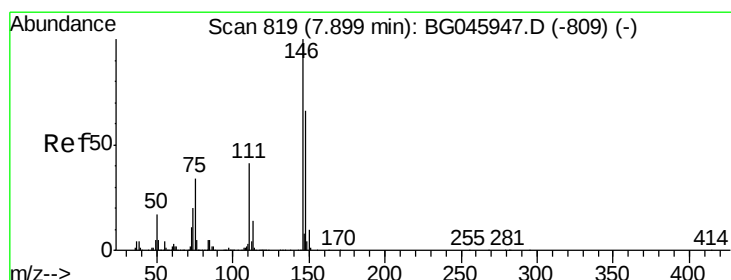
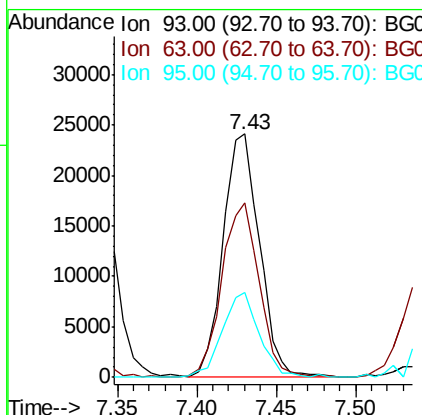
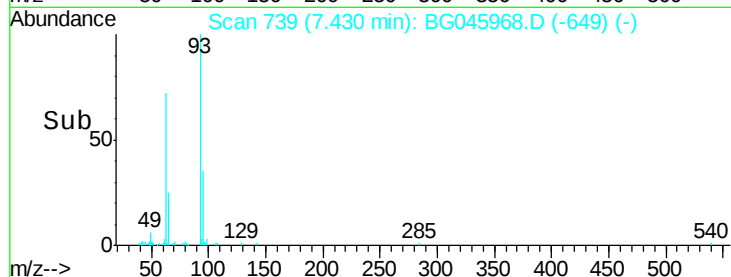
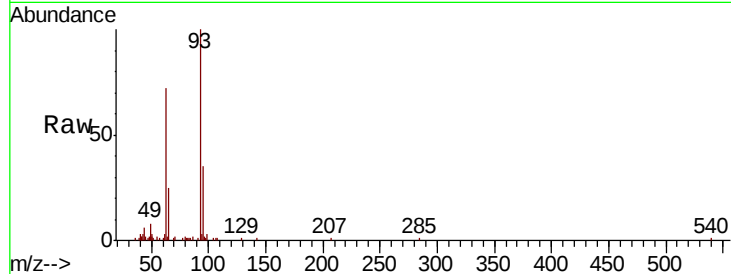
#11
bis(2-Chloroethyl)ether
Concen: 3.878 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	93	Resp	38386
Ion	Ratio	Lower	Upper
93	100		
63	71.9	58.6	98.6
95	34.8	13.3	53.3

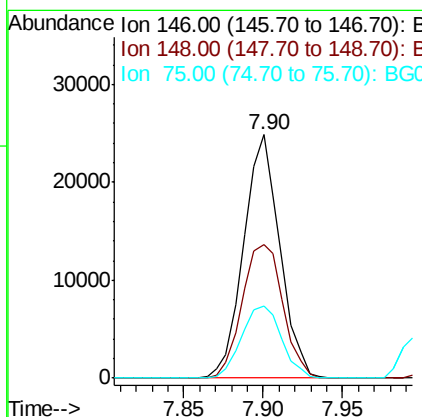
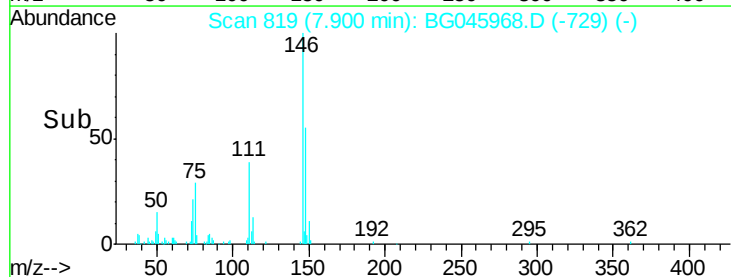
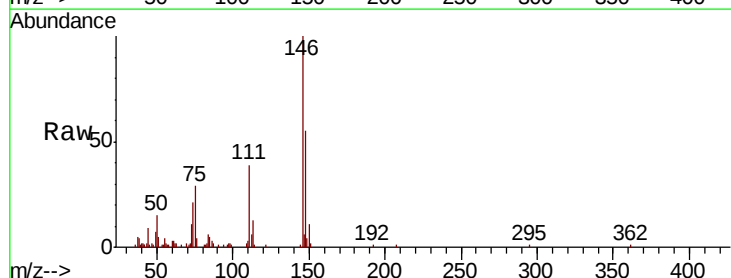
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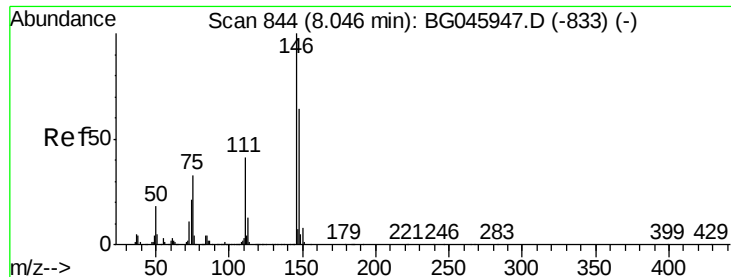
mohammad
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#12
1,3-Dichlorobenzene
Concen: 3.824 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	146	Resp	39329
Ion	Ratio	Lower	Upper
146	100		
148	54.7	52.8	79.2
75	29.4	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 3.798 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

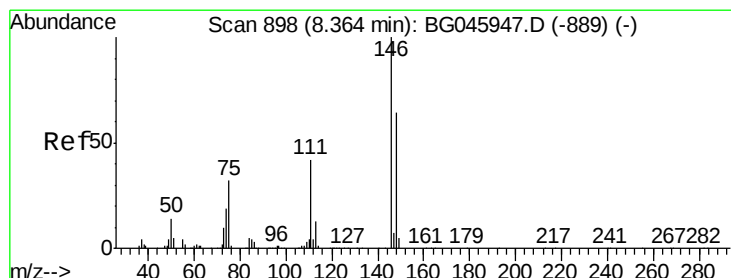
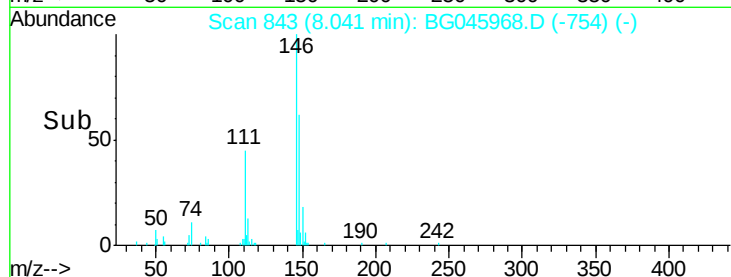
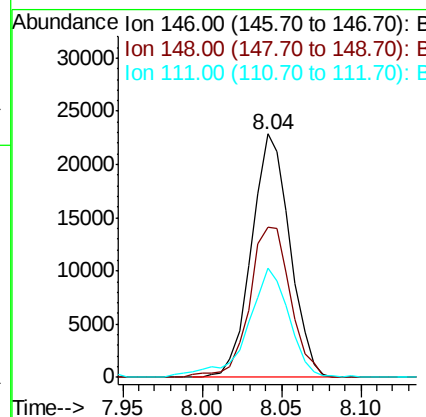
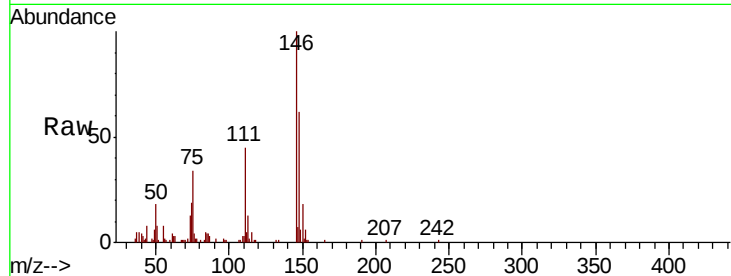
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	146	Resp:	38422
Ion Ratio	Lower	Upper	
146	100		
148	61.7	51.7	77.5
111	44.7	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 3.724 ng

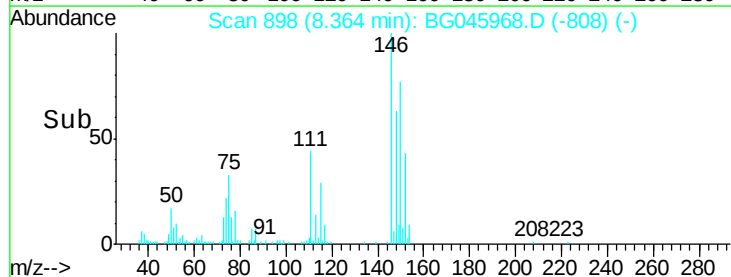
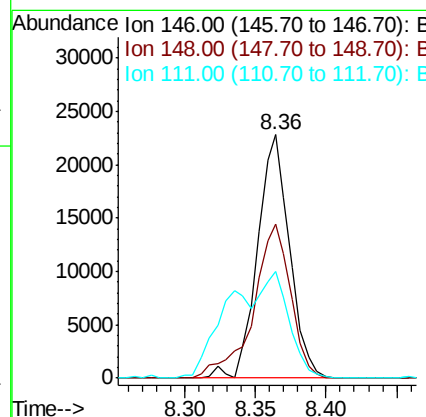
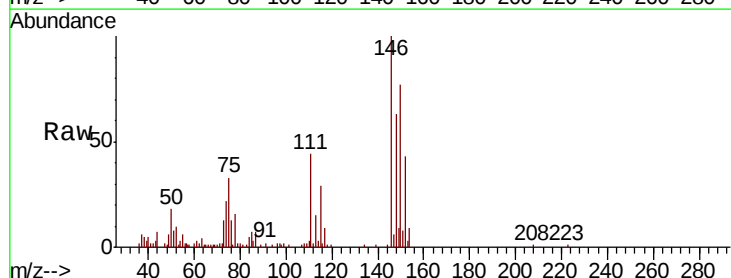
RT: 8.36 min Scan# 898

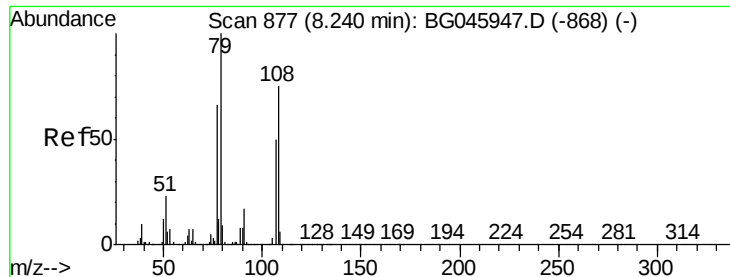
Delta R.T. 0.00 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Tgt Ion:	146	Resp:	36263
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.6	77.4
111	43.9	34.0	51.0





#15

Benzyl Alcohol

Concen: 3.889 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

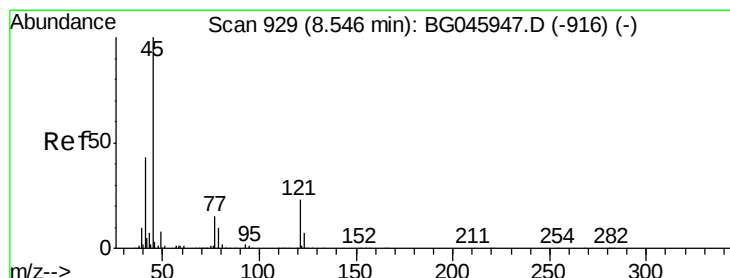
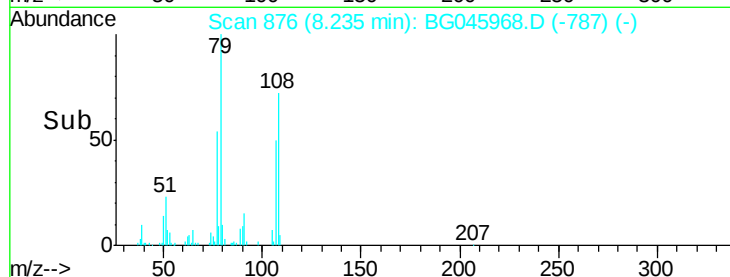
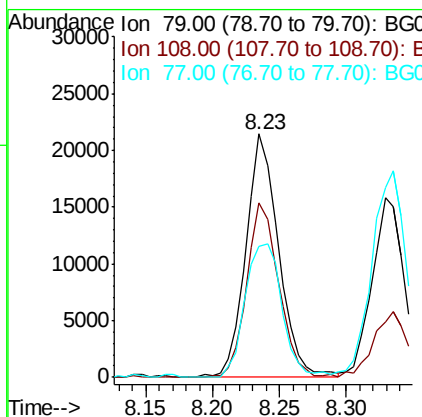
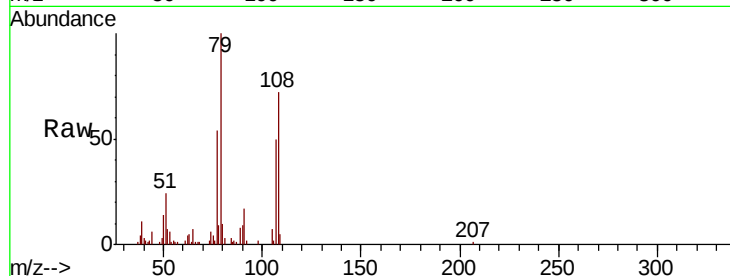
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	79	Resp:	36383
Ion Ratio	Lower	Upper	
79	100		
108	71.7	60.2	90.4
77	53.8	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.875 ng

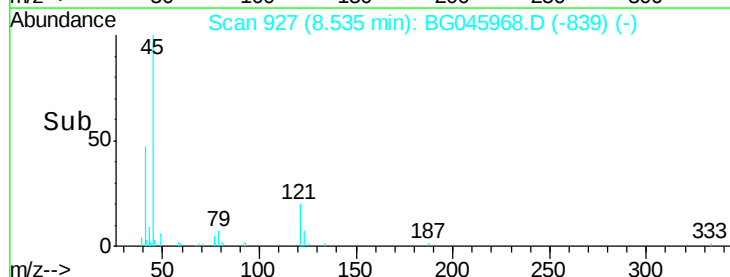
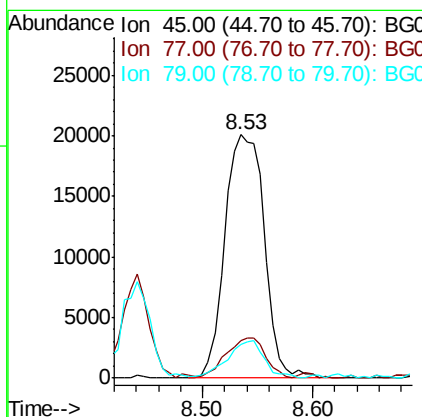
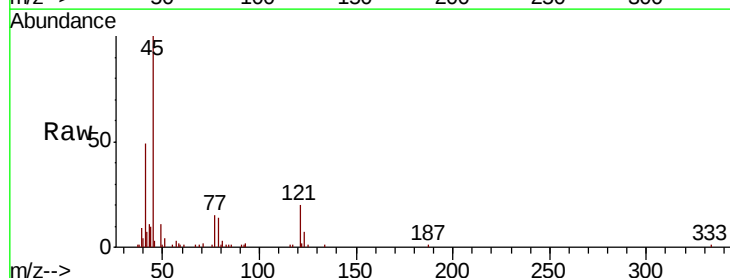
RT: 8.53 min Scan# 927

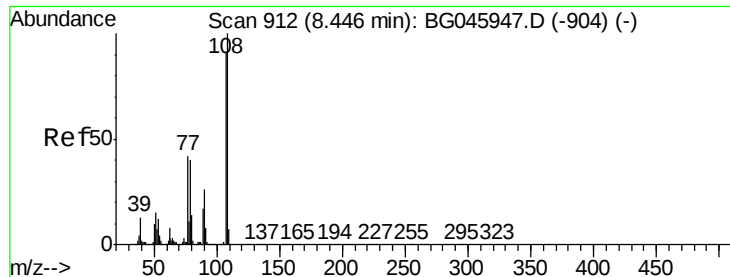
Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Tgt Ion:	45	Resp:	50038
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	37.6
79	13.7	0.0	32.6





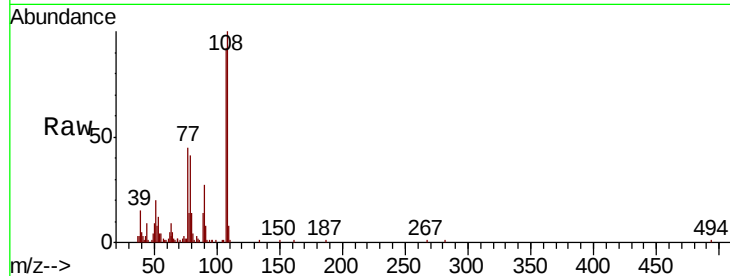
#17
2-Methylphenol
Concen: 3.393 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	88.2	132.4	
77	48.4	37.0	55.4	
79	44.8	35.4	53.0	

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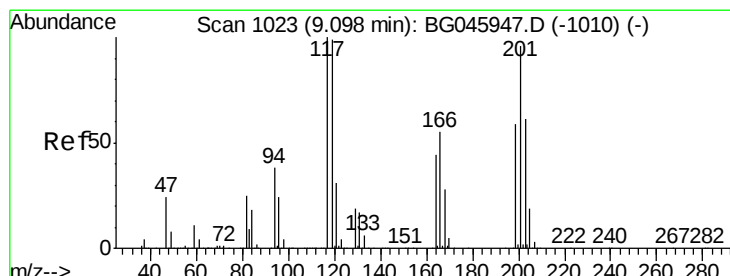
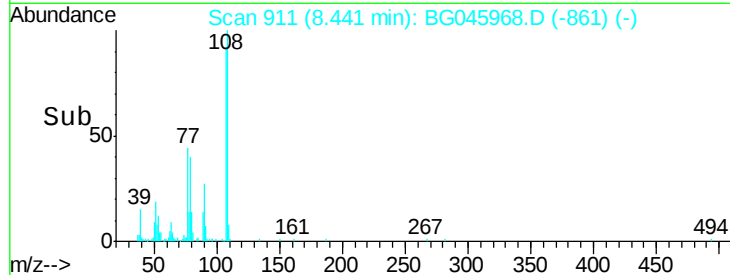
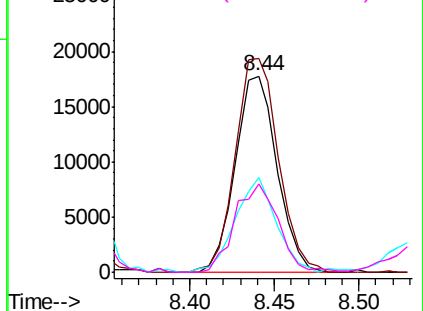
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

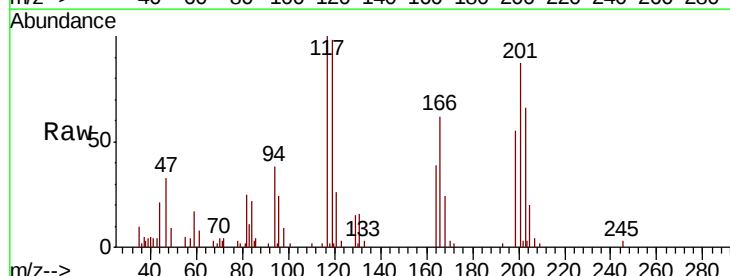
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 3.809 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	79.5	119.3	
201	87.2	77.0	115.4	

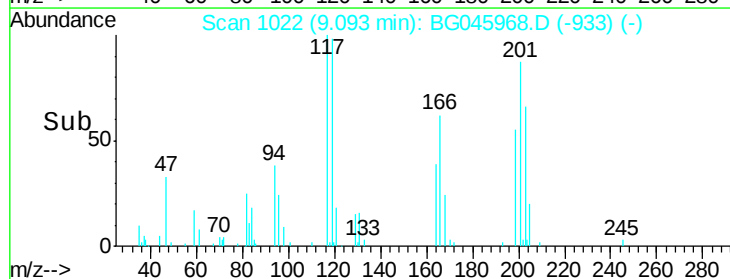
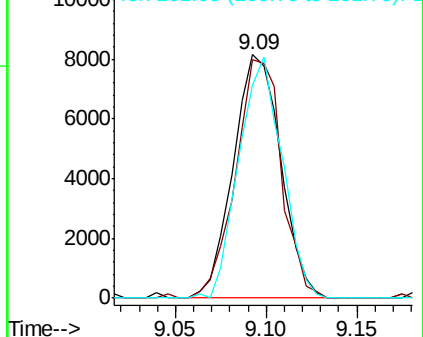


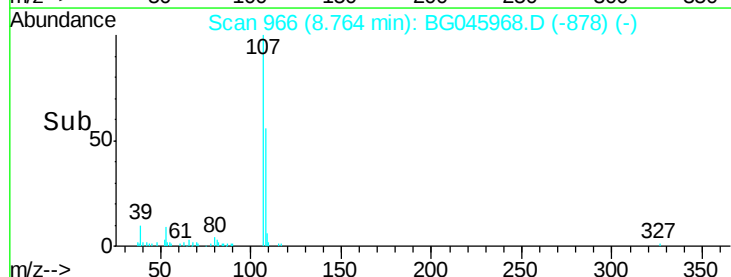
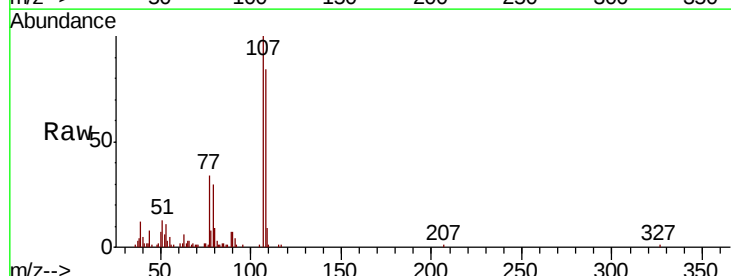
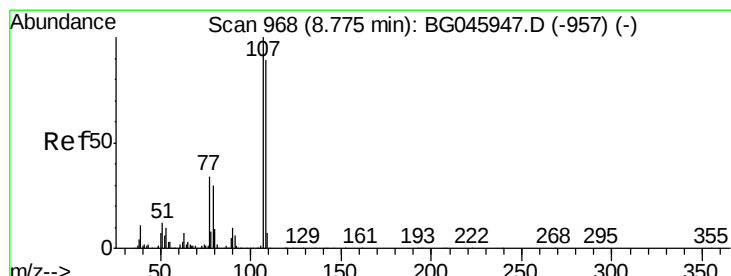
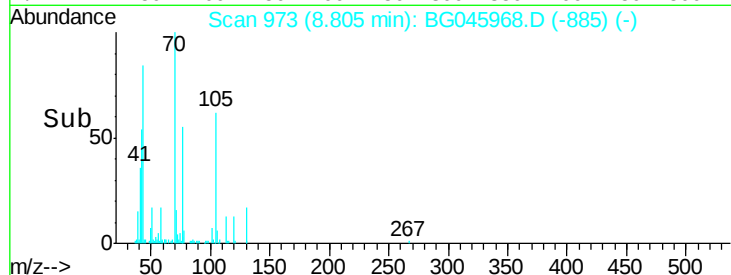
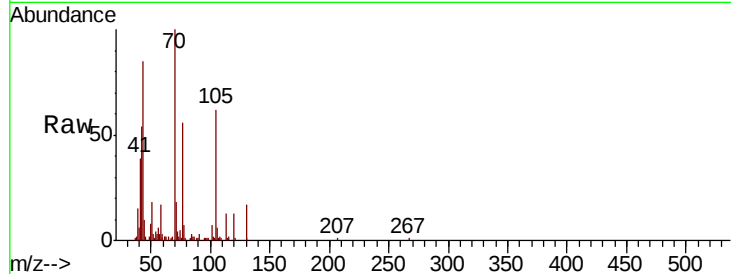
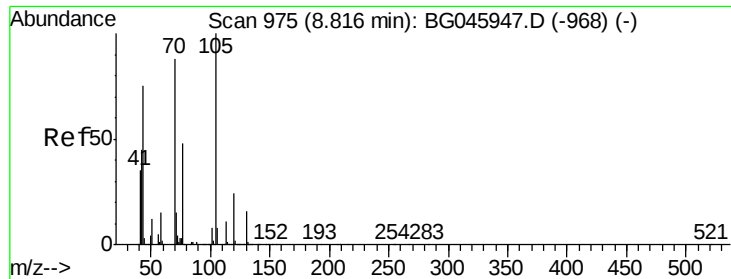
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

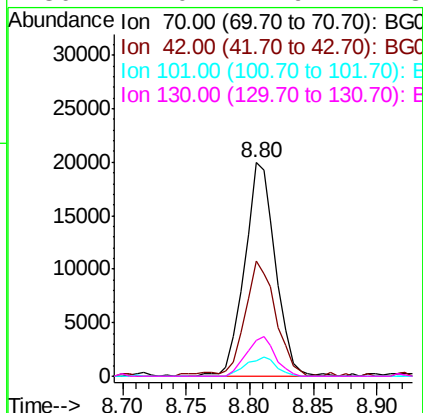
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 4.007 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.1	41.4	62.0	
101	7.0	7.1	10.7	
130	17.0	14.9	22.3	



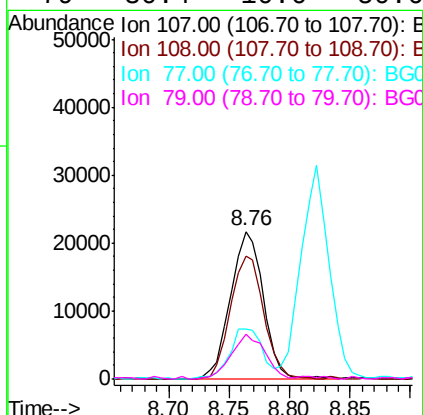
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

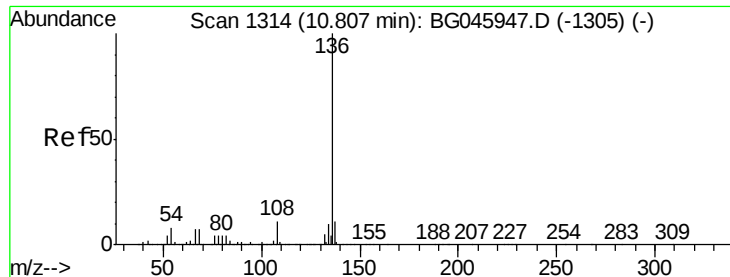
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#20
3+4-Methylphenols
Concen: 3.374 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.7	68.7	108.7	
77	34.0	14.6	54.6	
79	30.4	10.6	50.6	





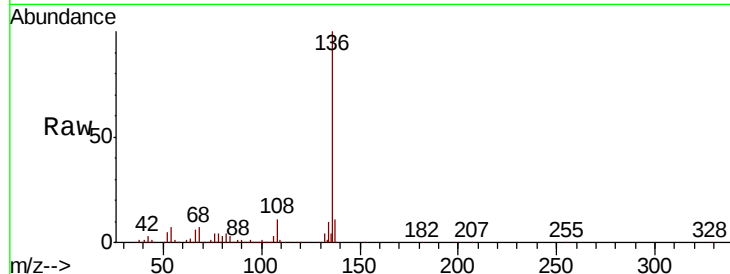
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

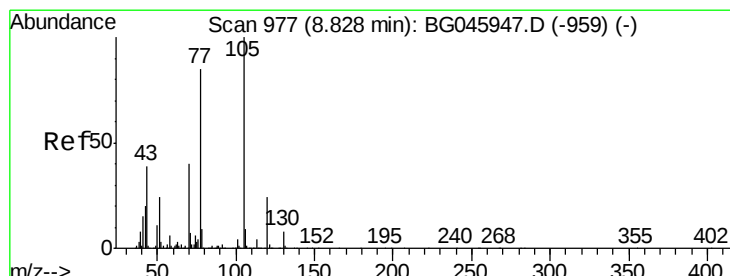
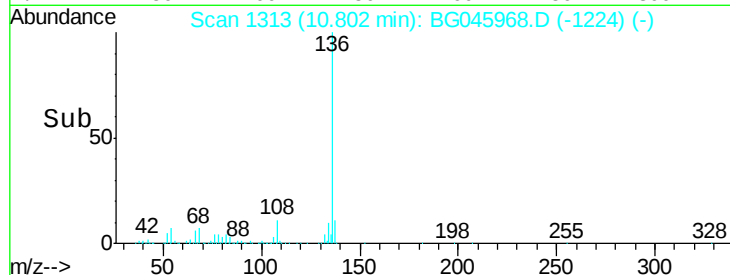
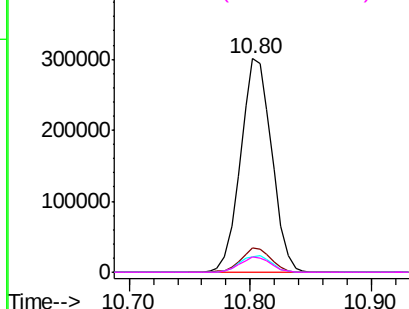
Tot Ion	Ratio	Resp	Lower	Upper
136	100	539295		
137	11.5	9.2	13.8	
54	7.4	6.2	9.4	
68	6.9	5.8	8.8	

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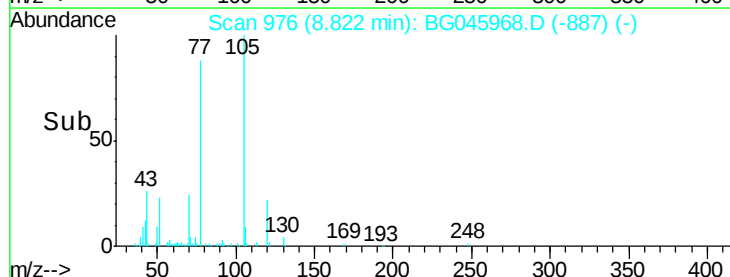
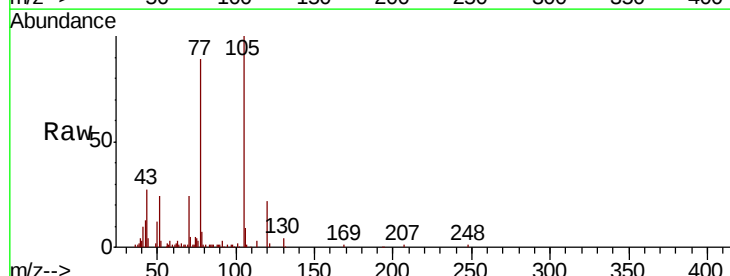
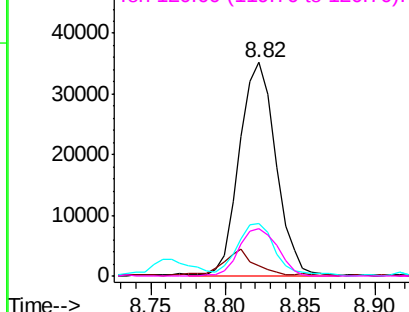
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

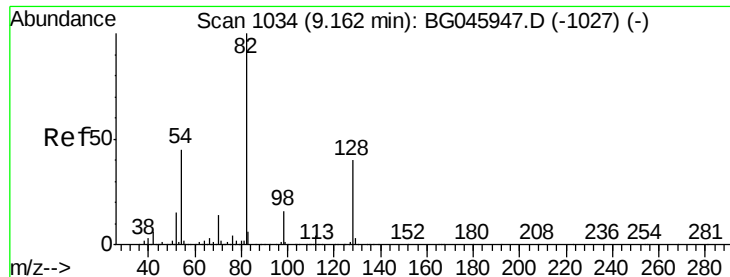


#22
Acetophenone
Concen: 4.178 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	60197		
71	5.0	6.2	9.2#	
51	24.3	19.7	29.5	
120	22.2	19.2	28.8	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





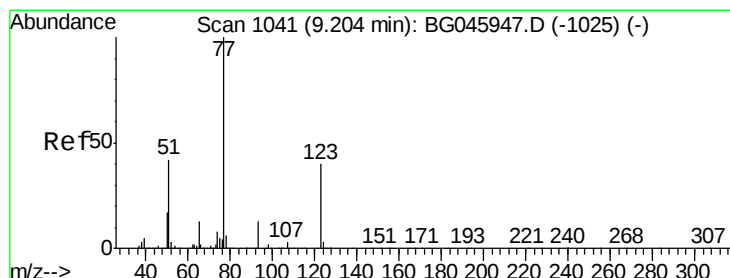
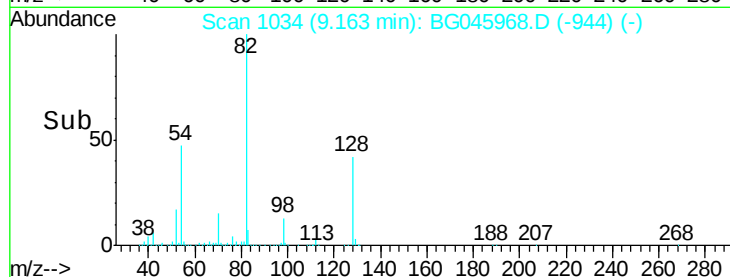
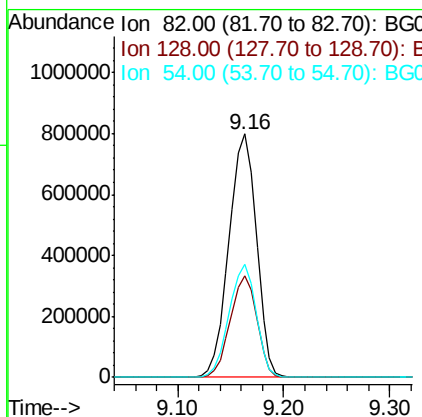
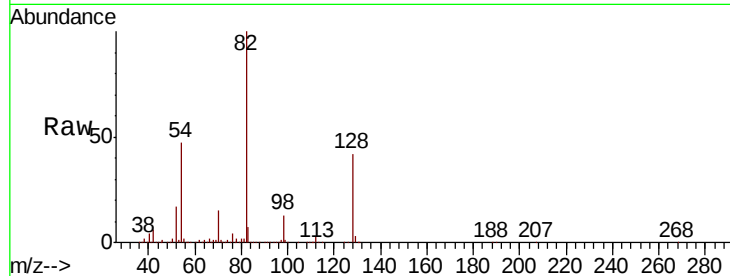
#23
 Nitrobenzene-d5
 Concen: 153.188 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.2	48.4
54	46.5	35.8	53.6

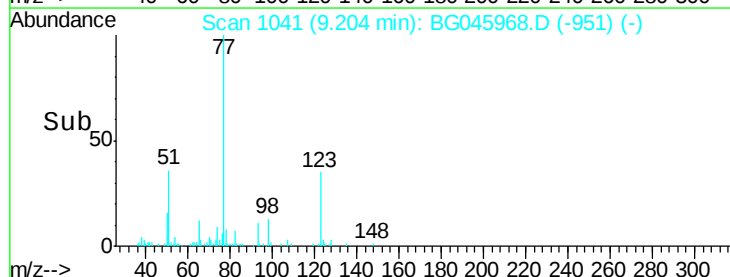
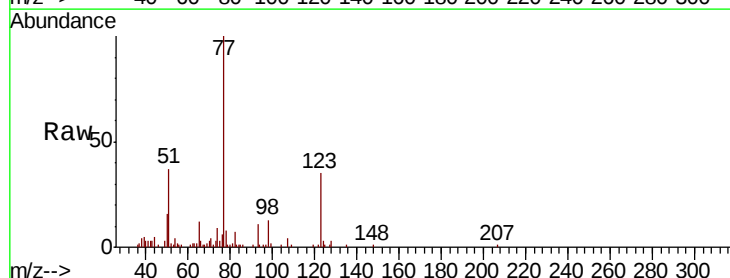
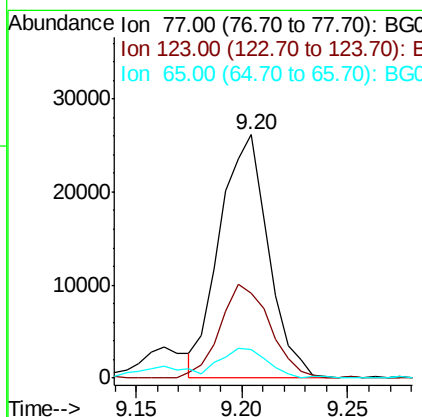
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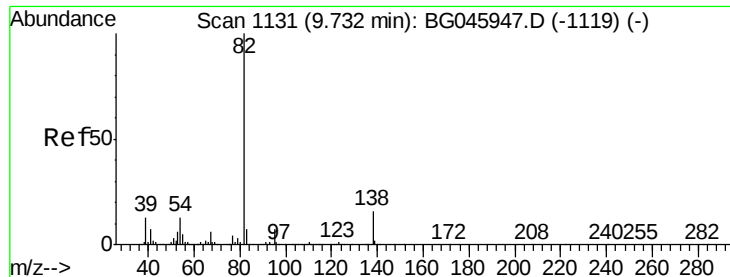
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#24
 Nitrobenzene
 Concen: 4.031 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.1	32.7	49.1
65	11.9	10.2	15.4





#25

Isophorone

Concen: 3.878 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

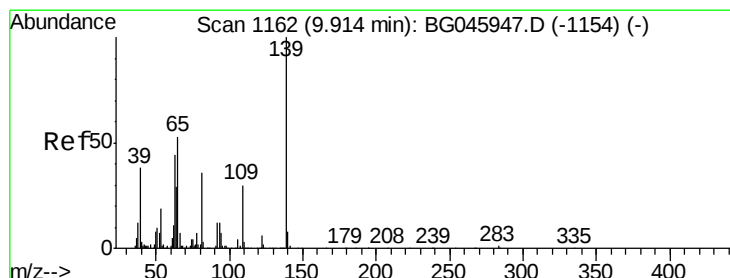
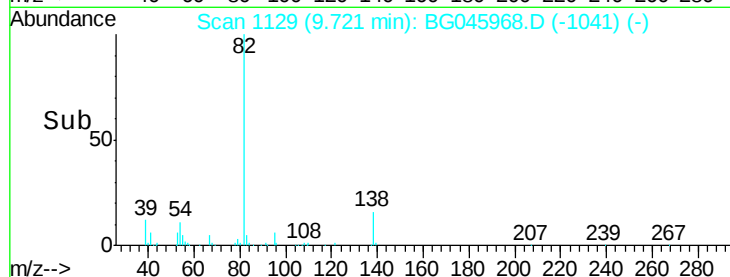
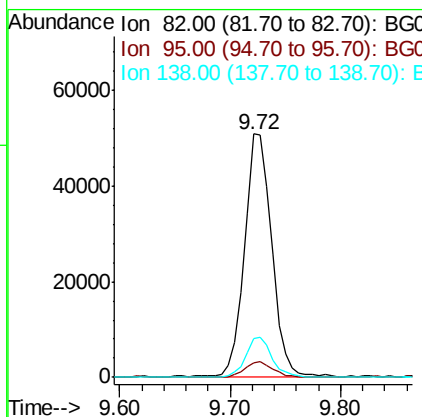
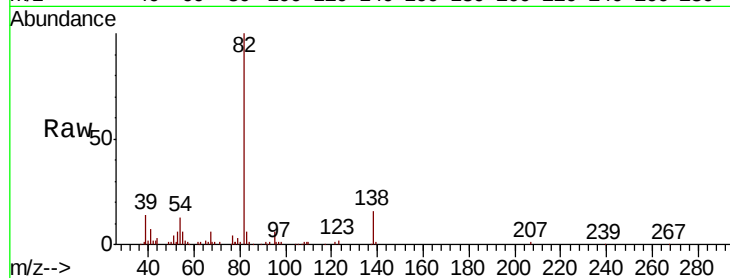
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	82	Resp:	88706
Ion Ratio	Lower	Upper	
82	100		
95	5.9	5.8	8.6
138	15.7	12.9	19.3

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#26

2-Nitrophenol

Concen: 3.575 ng

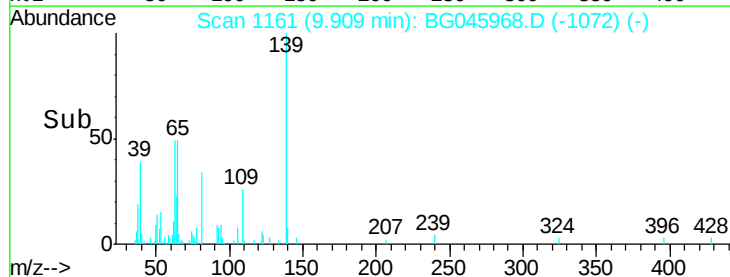
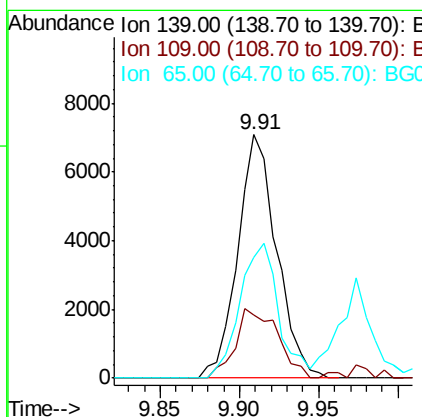
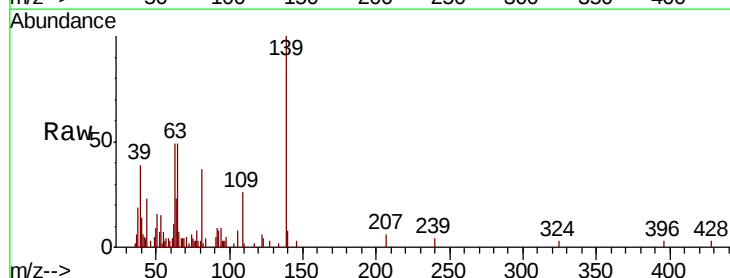
RT: 9.91 min Scan# 1161

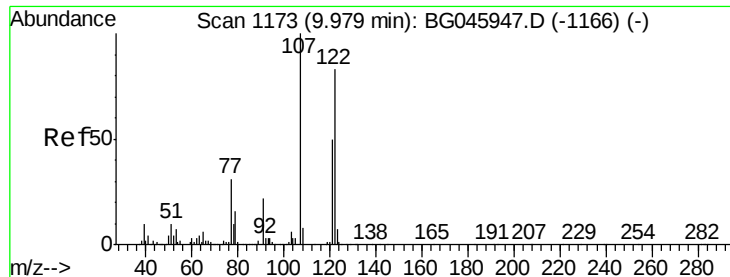
Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Tgt Ion:	139	Resp:	12050
Ion Ratio	Lower	Upper	
139	100		
109	25.8	24.6	37.0
65	49.5	42.6	64.0





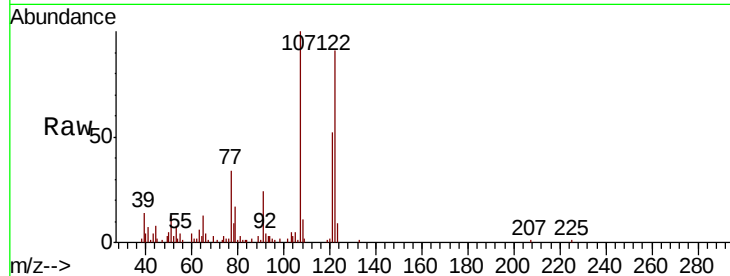
#27
2,4-Dimethylphenol
Concen: 3.972 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	95.6	143.4
121	57.1	47.7	71.5

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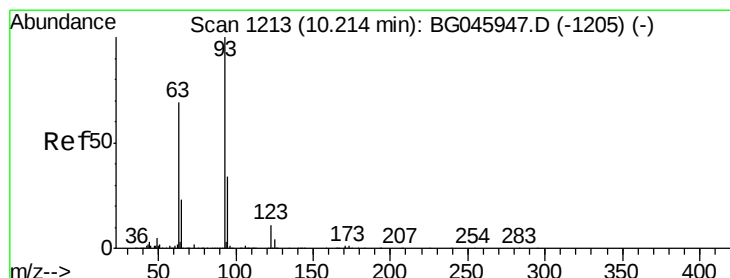
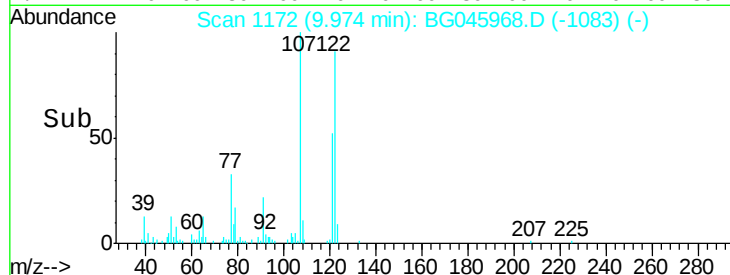
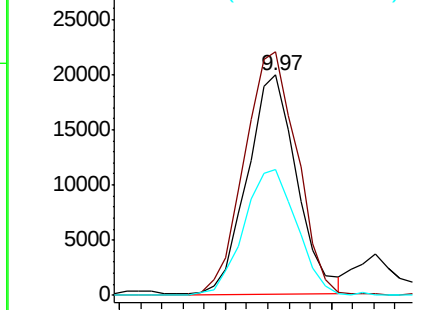


Abundance

Ion 122.00 (121.70 to 122.70): E

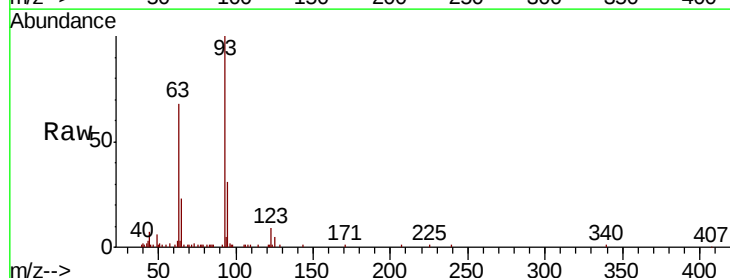
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 3.911 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	27.5	41.3
123	8.8	9.2	13.8#

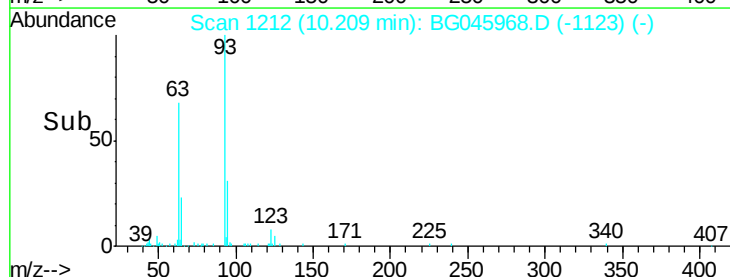
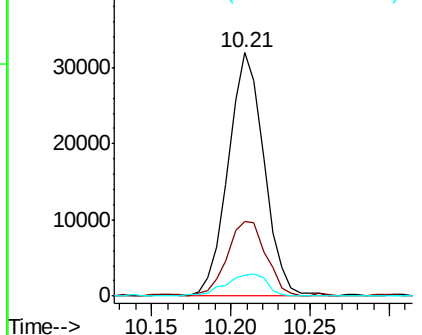


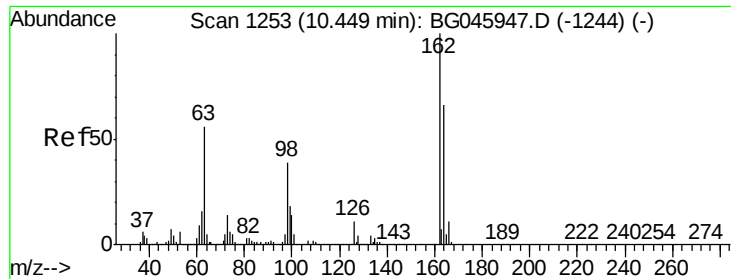
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC





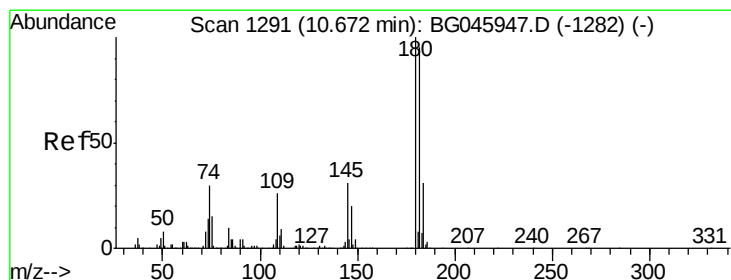
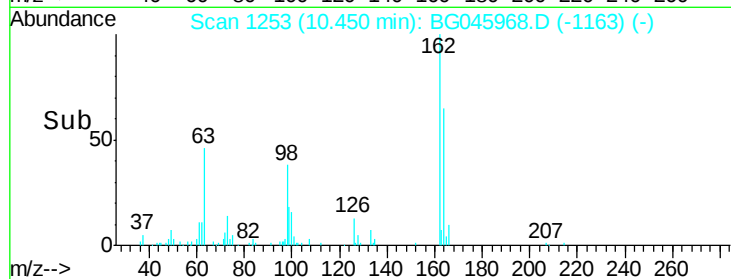
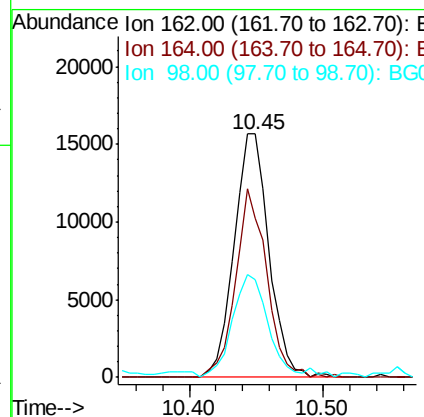
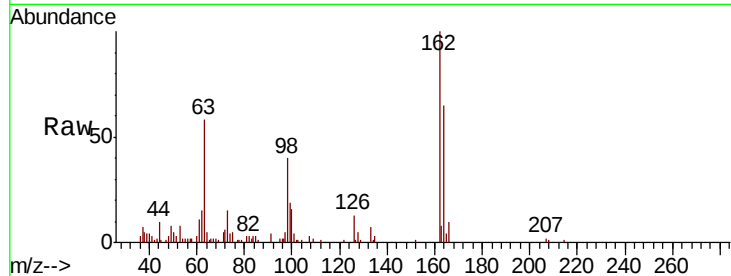
#29
 2,4-Dichlorophenol
 Concen: 3.373 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

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

Tot Ion:	162	Resp:	28424
Ion Ratio	Lower	Upper	
162	100		
164	65.4	46.0	86.0
98	40.1	19.2	59.2

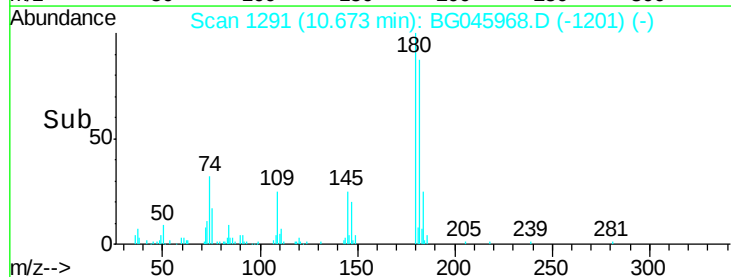
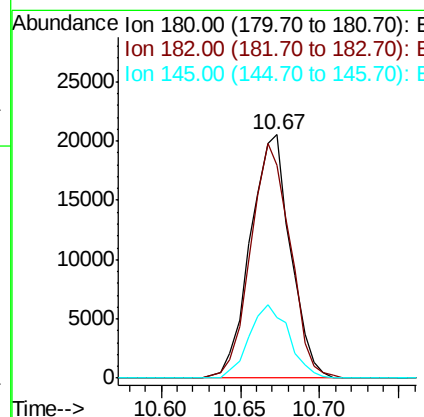
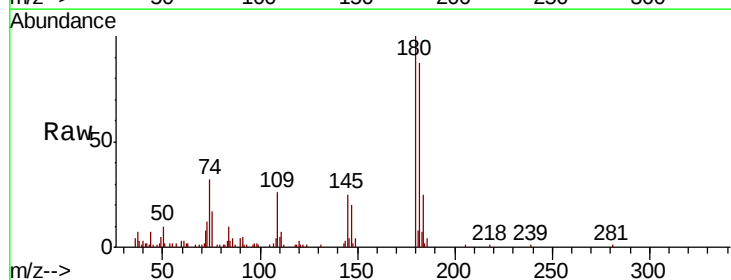
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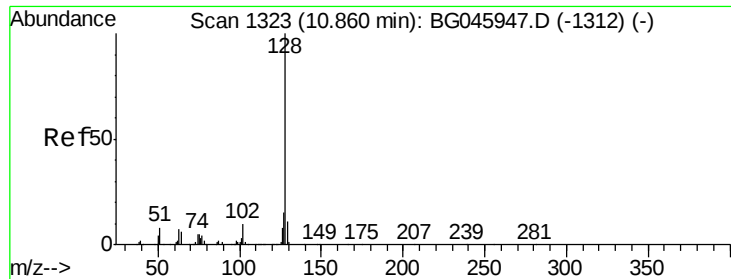
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#30
 1,2,4-Trichlorobenzene
 Concen: 3.862 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

Tgt Ion:	180	Resp:	36068
Ion Ratio	Lower	Upper	
180	100		
182	87.3	76.3	114.5
145	24.9	24.8	37.2





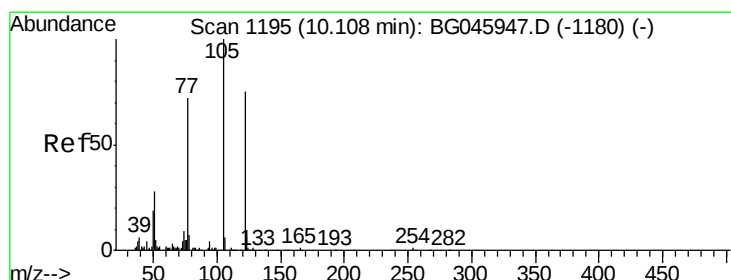
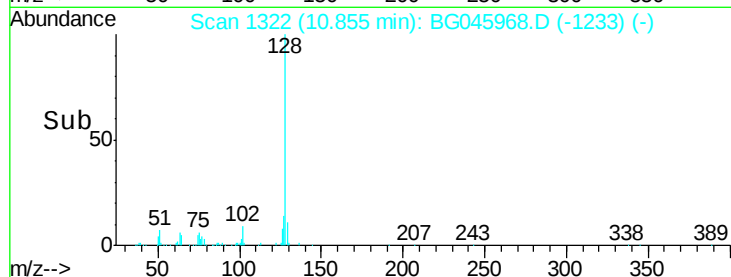
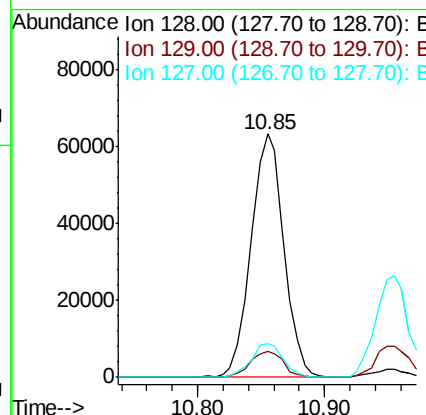
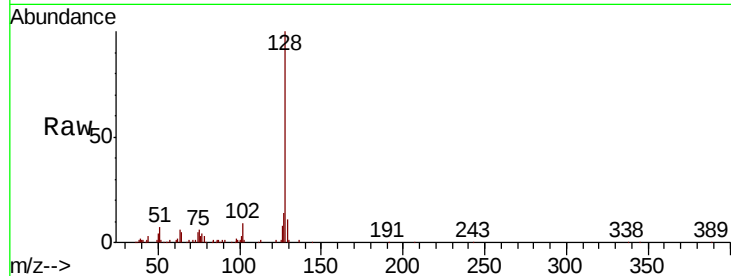
#31
Naphthalene
Concen: 3.922 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	113391		
129	10.7		9.2	13.8
127	14.0		11.8	17.6

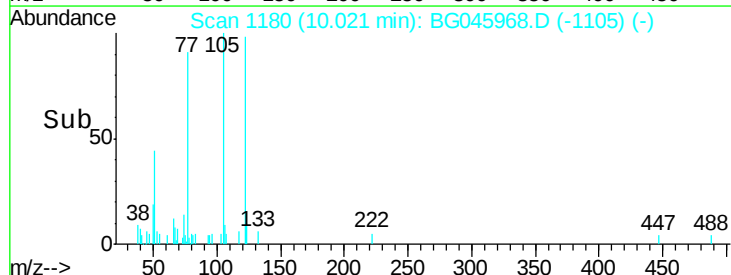
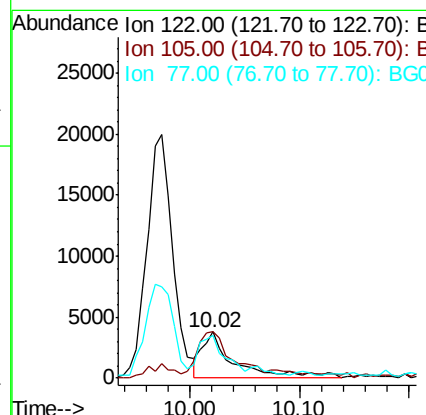
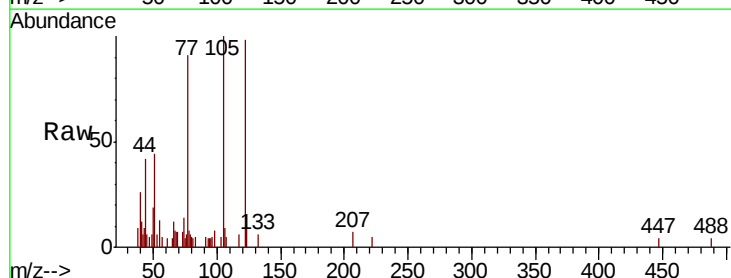
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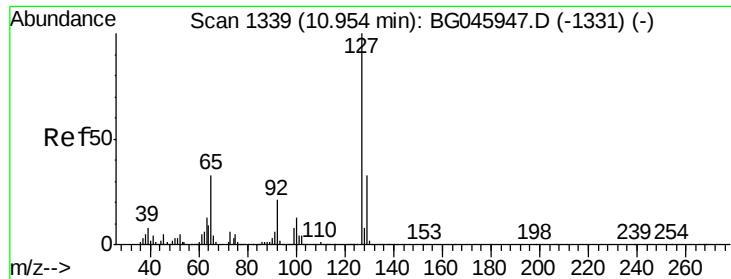
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#32
Benzoic acid
Concen: 1.772 ng m
RT: 10.02 min Scan# 1180
Delta R.T. -0.09 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	7814		
105	101.7		110.8	150.8#
77	92.8		76.4	116.4





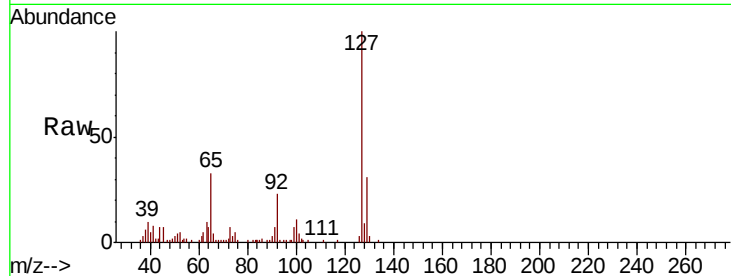
#33
4-Chloroaniline
Concen: 3.683 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

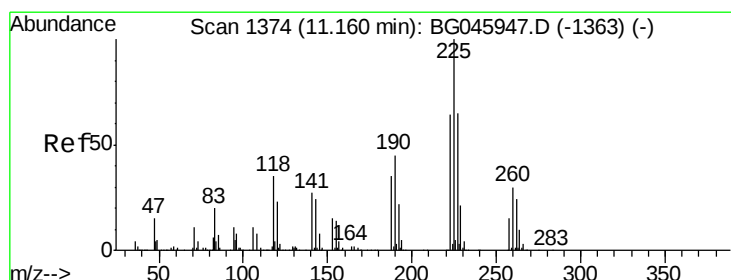
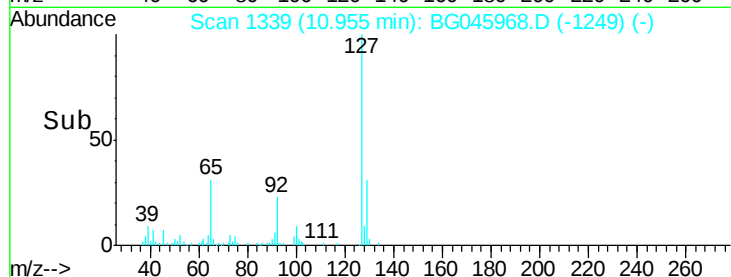
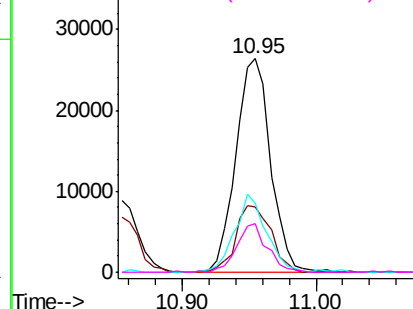
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.6	39.8
65	32.6	26.8	40.2
92	22.7	17.0	25.4

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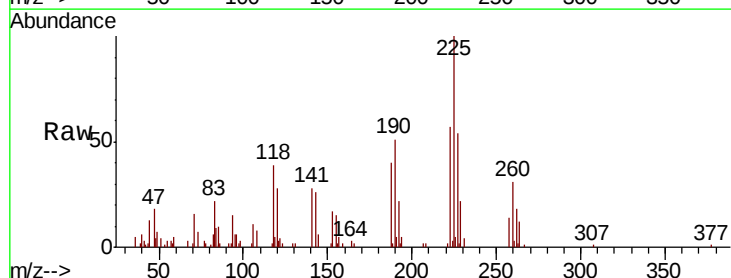


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

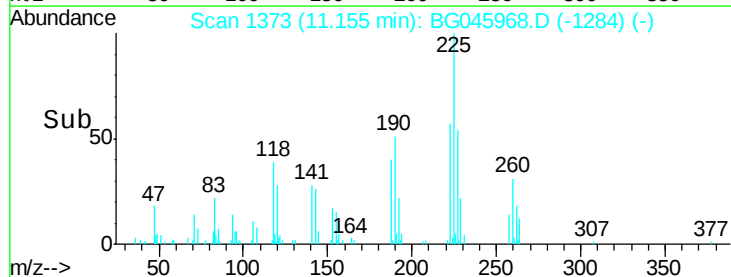
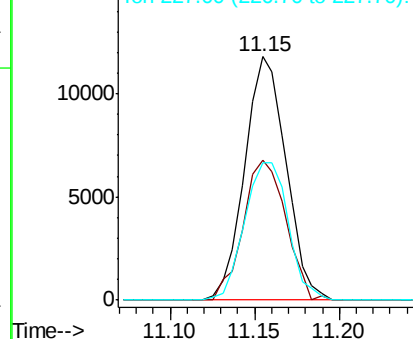


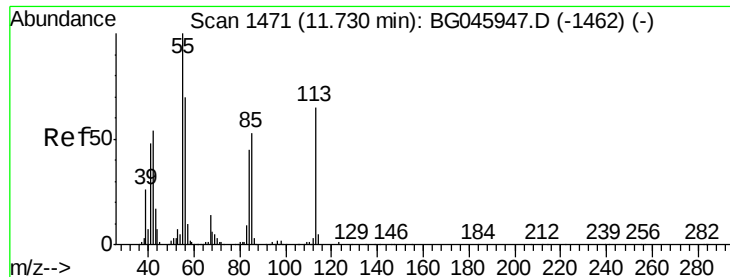
#34
Hexachlorobutadiene
Concen: 3.677 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.3	51.2	76.8
227	56.5	52.3	78.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





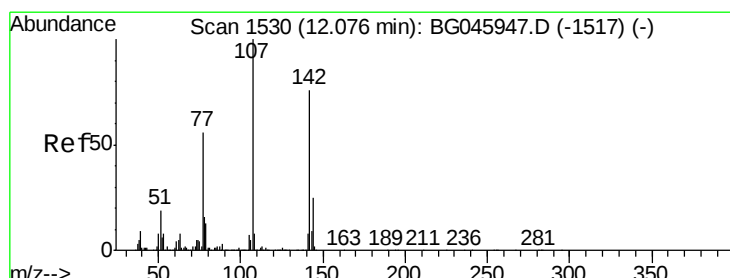
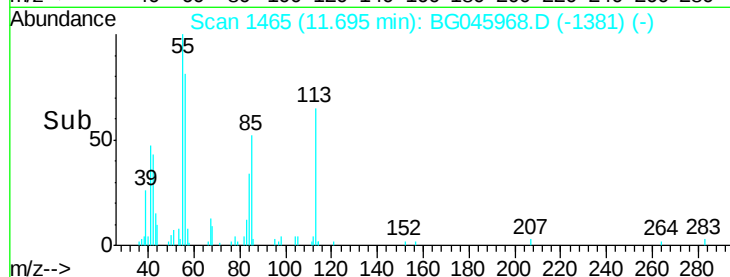
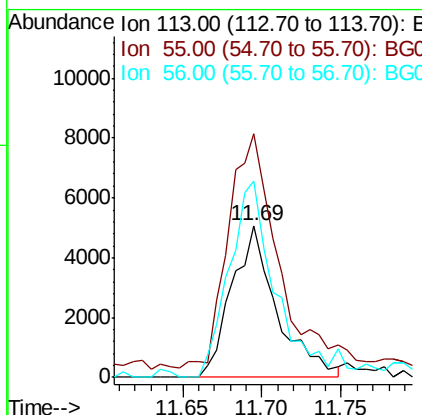
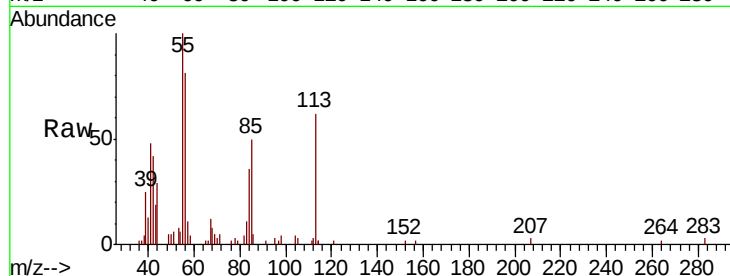
#35
 Caprolactam
 Concen: 3.131 ng
 RT: 11.69 min Scan# 1465
 Delta R.T. -0.03 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.2	141.6	181.6
56	129.5	89.6	129.6

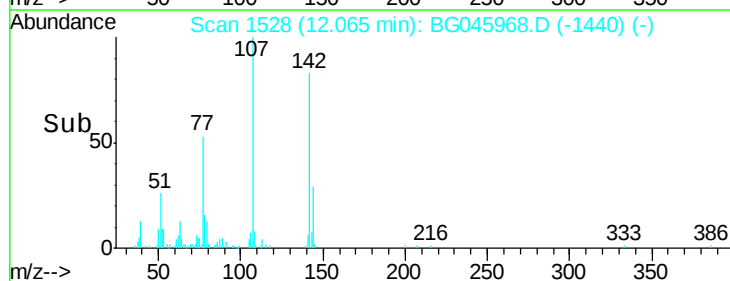
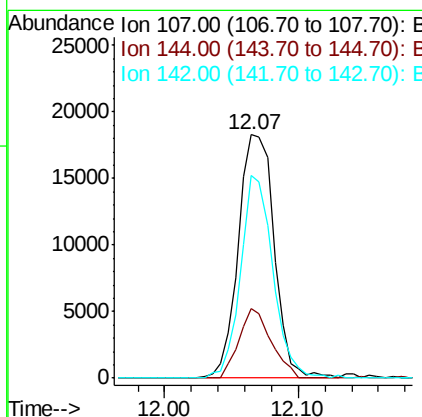
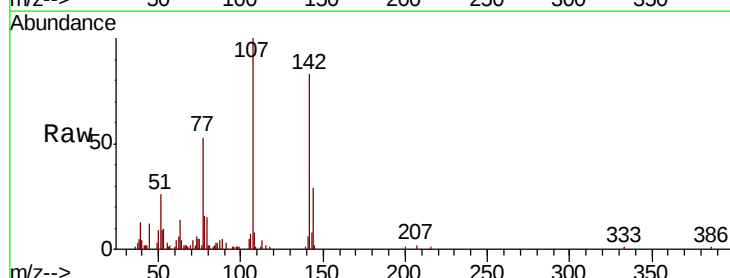
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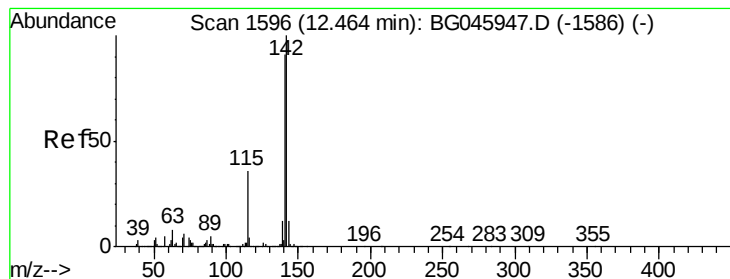
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#36
 4-Chloro-3-methylphenol
 Concen: 3.529 ng
 RT: 12.07 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.5	20.0	30.0
142	83.0	61.1	91.7





#37

2-Methylnaphthalene

Concen: 3.944 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:142 Resp: 81063

Ion Ratio Lower Upper

142 100

141 93.5 73.0 109.6

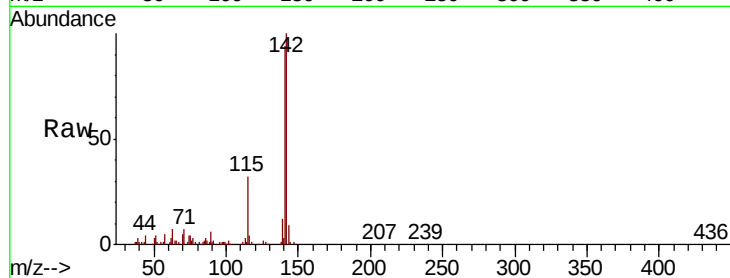
115 32.4 28.8 43.2

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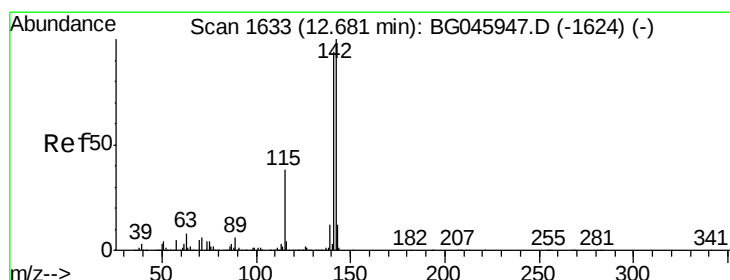
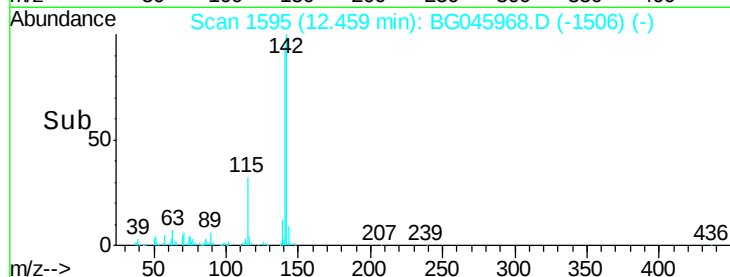
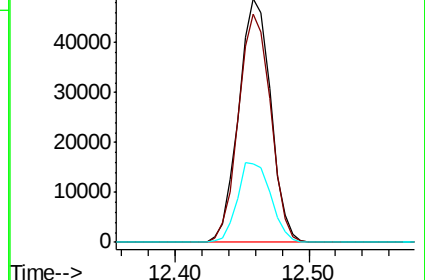
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 3.975 ng m

RT: 12.68 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

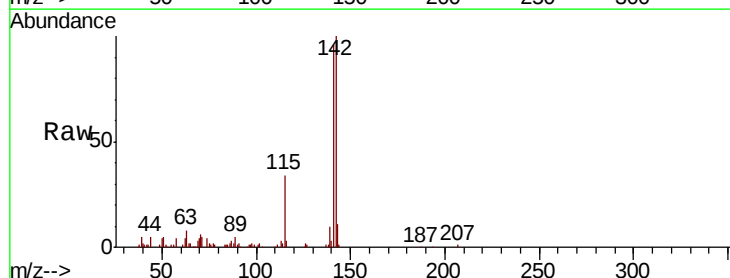
Tgt Ion:142 Resp: 77101

Ion Ratio Lower Upper

142 100

141 95.7 75.2 112.8

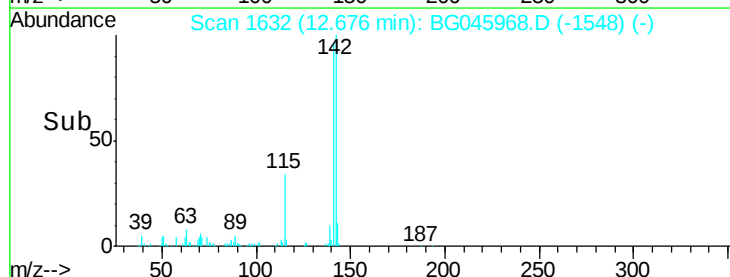
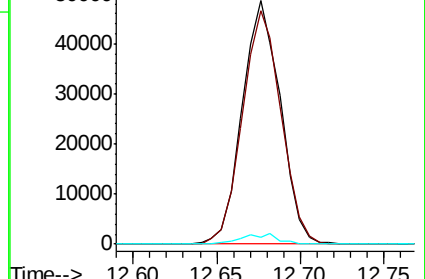
116 2.8 3.1 4.7#

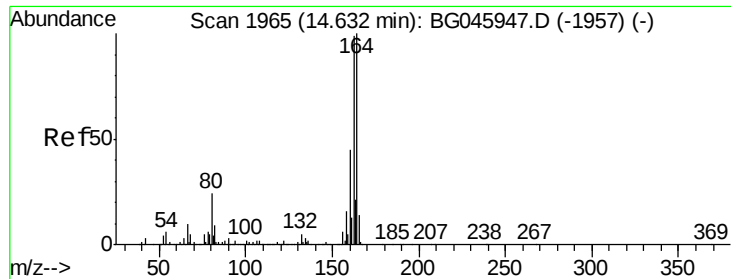


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





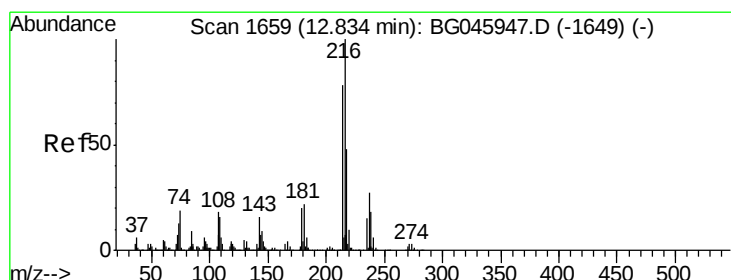
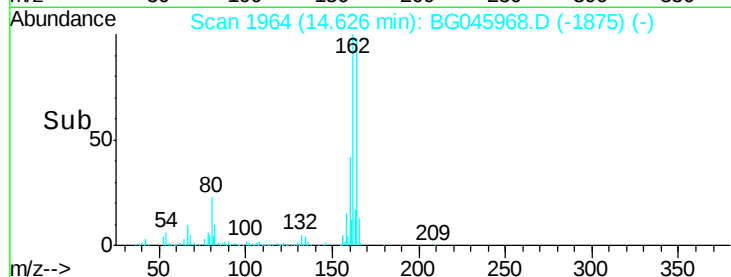
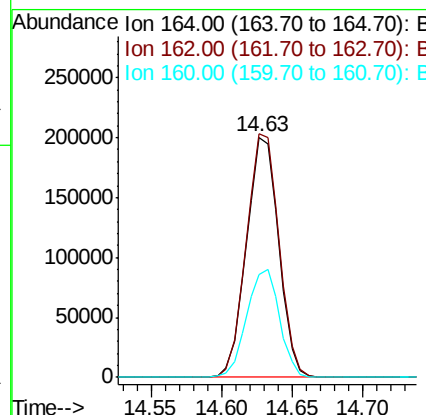
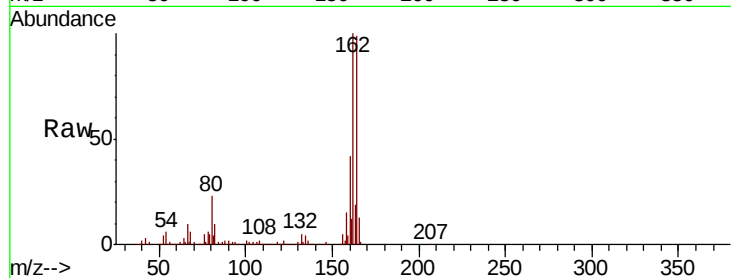
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.3	118.9
160	42.6	35.7	53.5

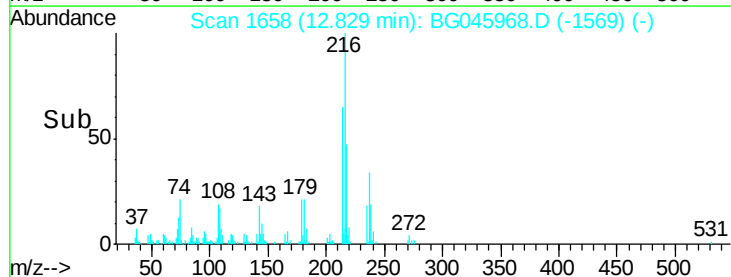
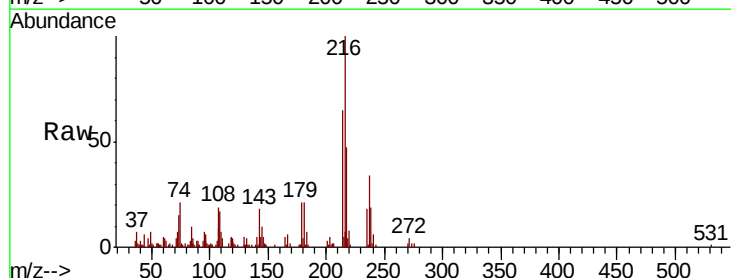
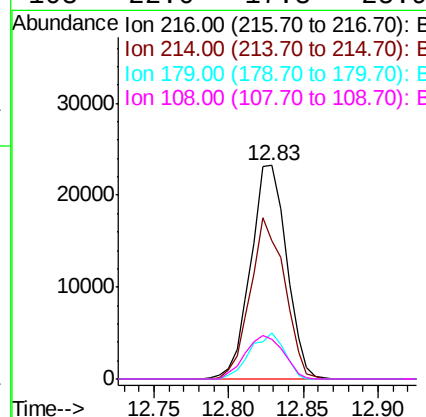
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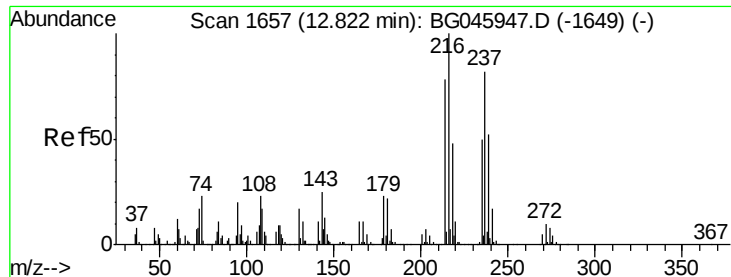
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.280 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	72.1	63.0	94.4
179	20.6	17.0	25.6
108	22.0	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 3.943 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

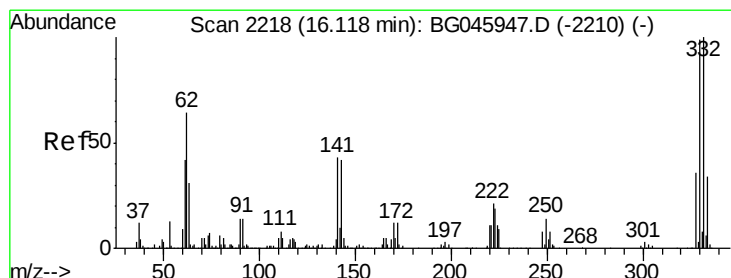
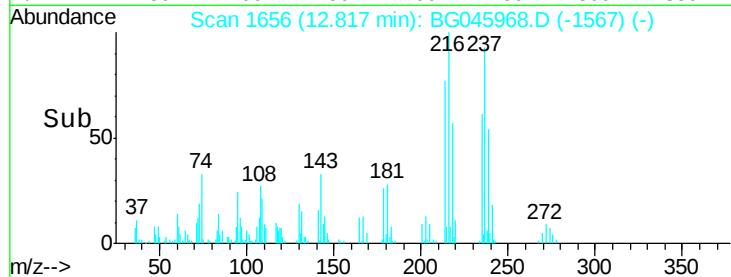
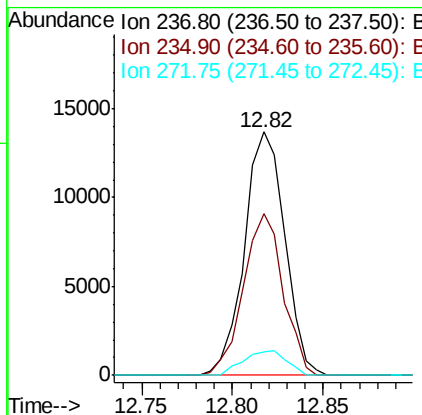
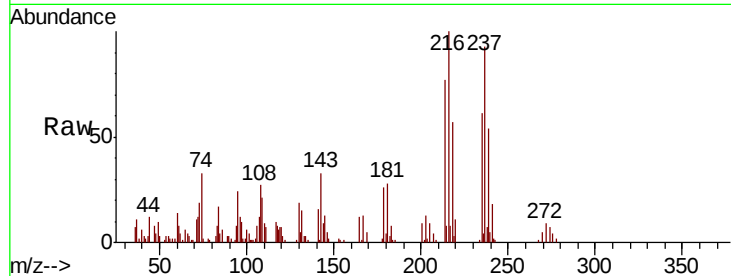
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	237	Resp:	21127
Ion Ratio	Lower	Upper	
237	100		
235	66.3	41.5	81.5
272	9.4	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 162.460 ng

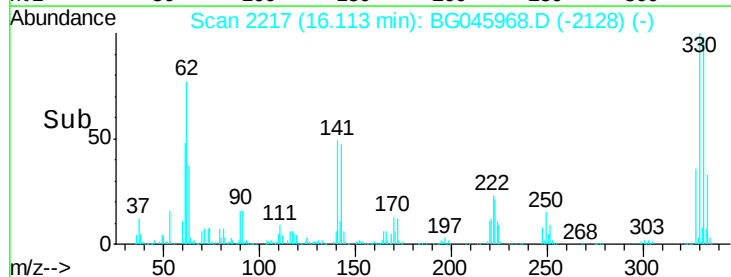
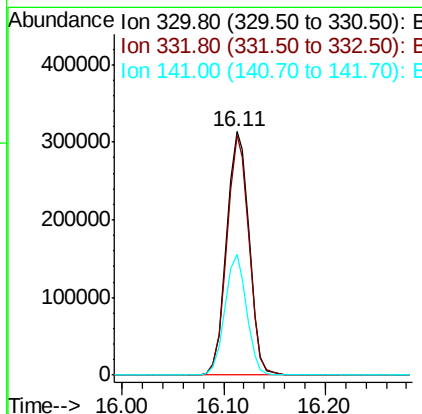
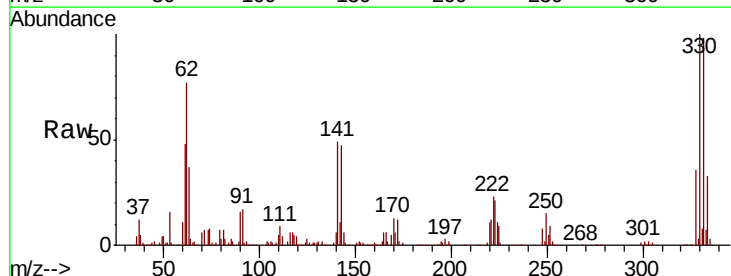
RT: 16.11 min Scan# 2217

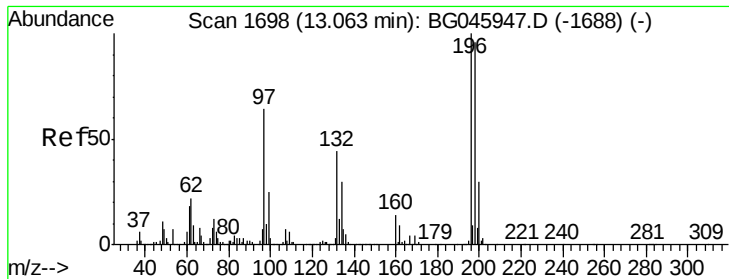
Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Tgt Ion:	330	Resp:	482942
Ion Ratio	Lower	Upper	
330	100		
332	96.7	78.3	117.5
141	47.5	36.6	54.8





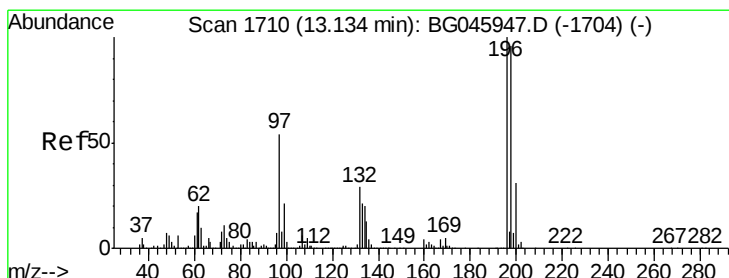
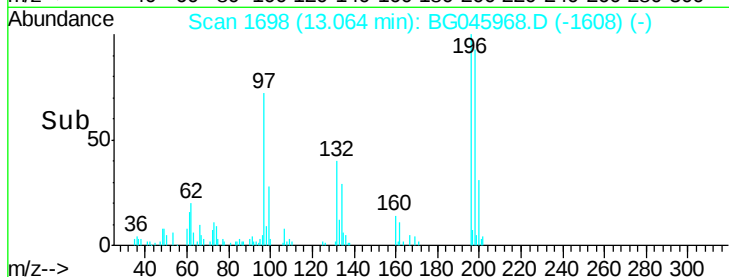
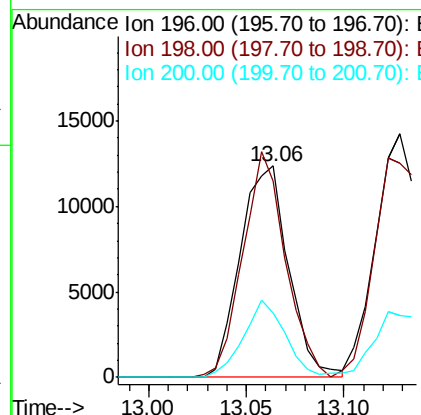
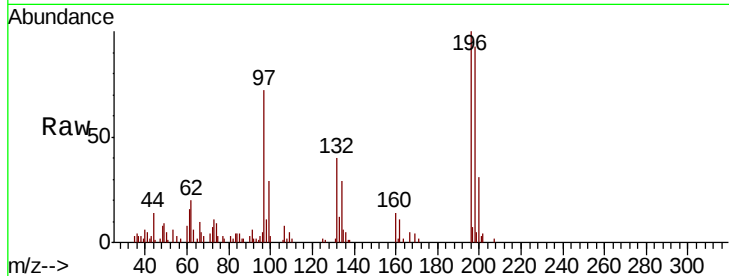
#43
 2,4,6-Trichlorophenol
 Concen: 3.487 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	21290		
198	92.7	76.7	115.1	
200	30.6	24.3	36.5	

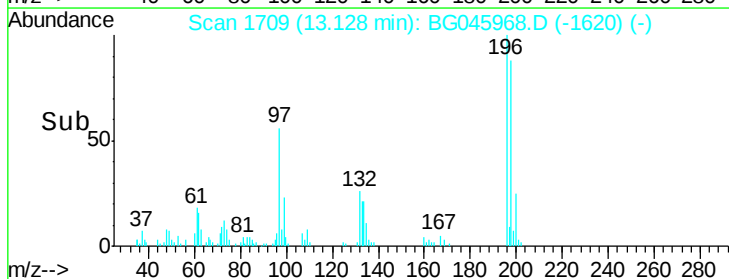
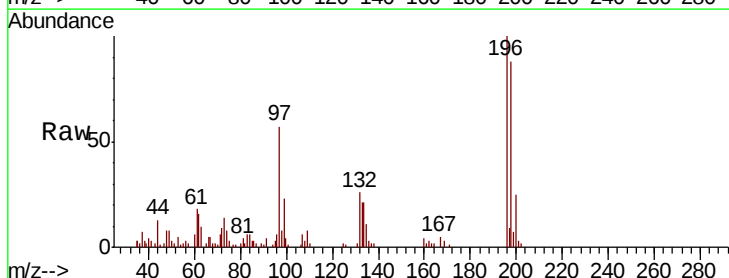
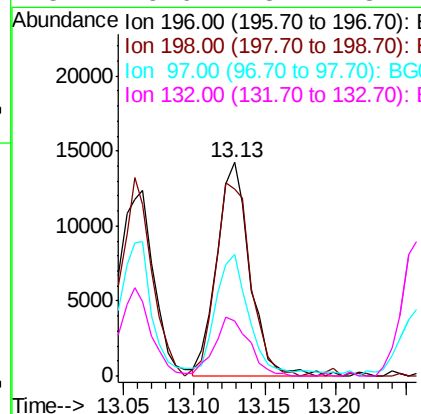
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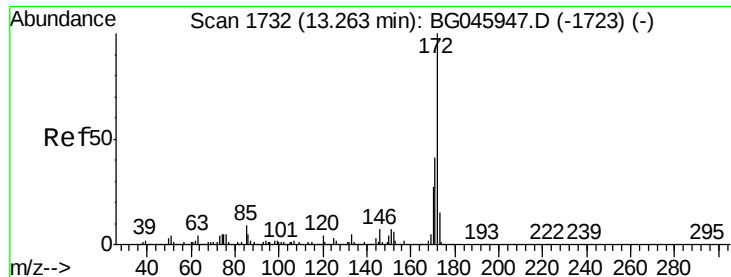
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#44
 2,4,5-Trichlorophenol
 Concen: 3.385 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	23367		
198	87.7	77.0	115.6	
97	57.2	44.3	66.5	
132	25.6	23.1	34.7	





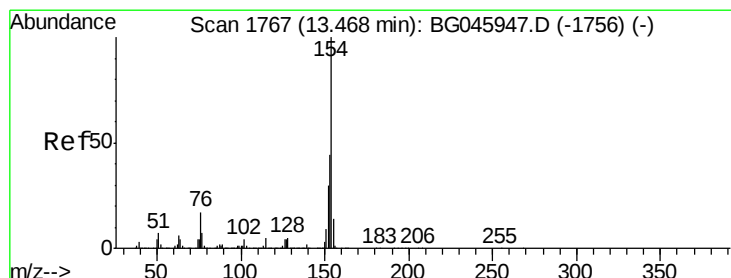
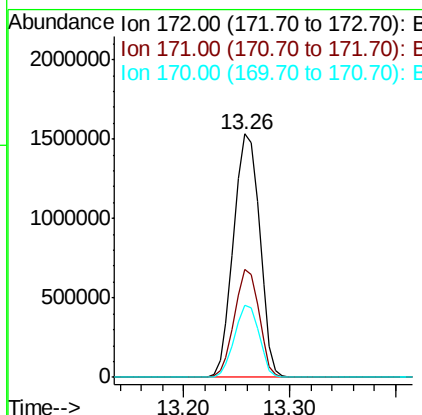
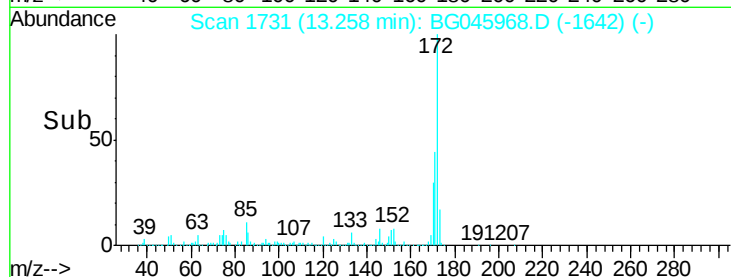
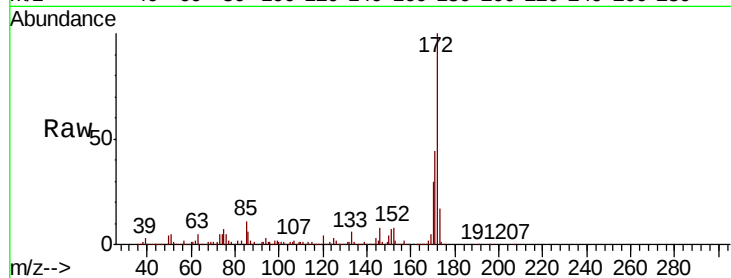
#45
2-Fluorobiphenyl
Concen: 127.879 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	44.3	32.9	49.3
170	29.8	21.8	32.6

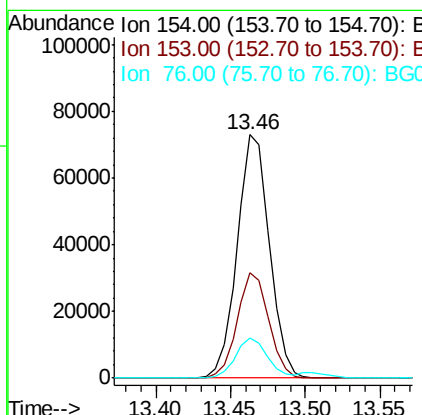
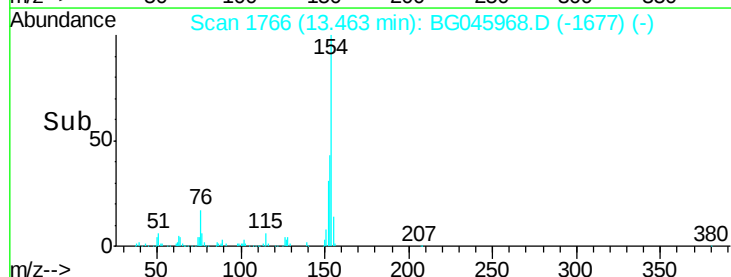
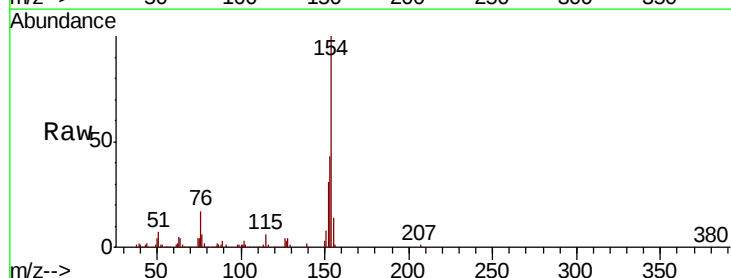
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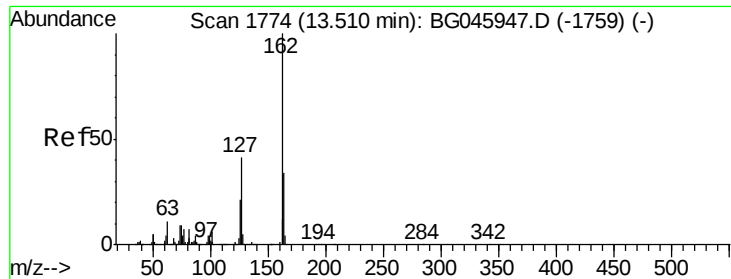
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#46
1,1'-Biphenyl
Concen: 4.538 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.6	63.6
76	16.6	0.0	36.9





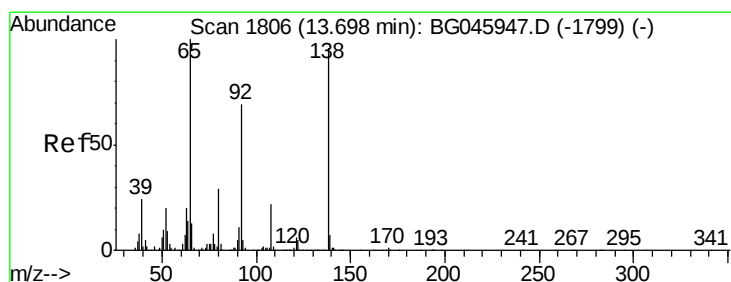
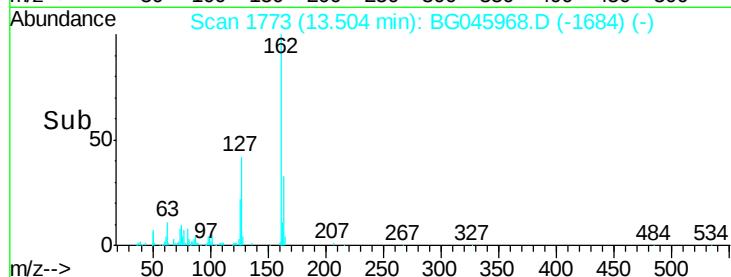
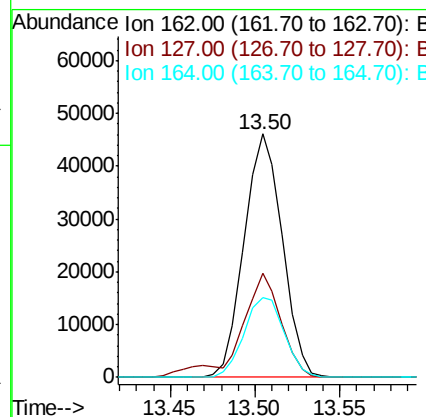
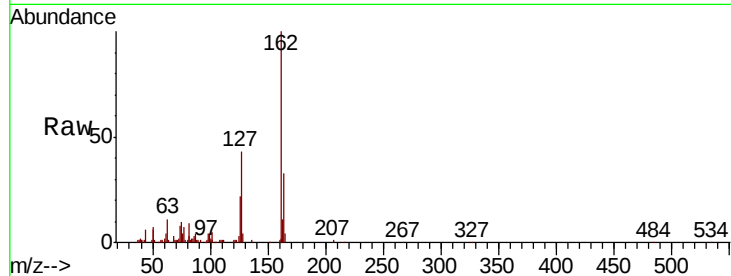
#47
 2-Chloronaphthalene
 Concen: 3.823 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	32.5	48.7
164	32.7	27.2	40.8

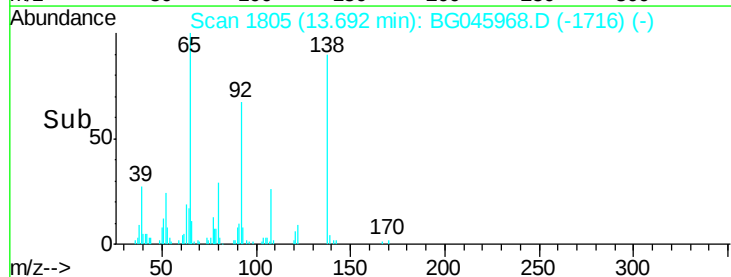
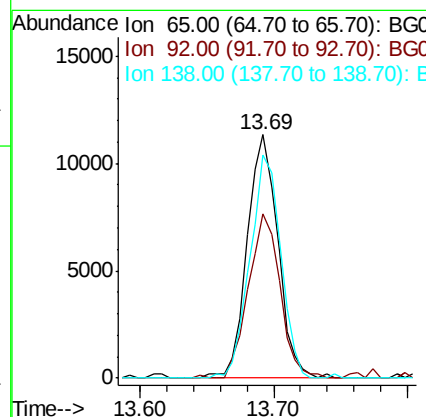
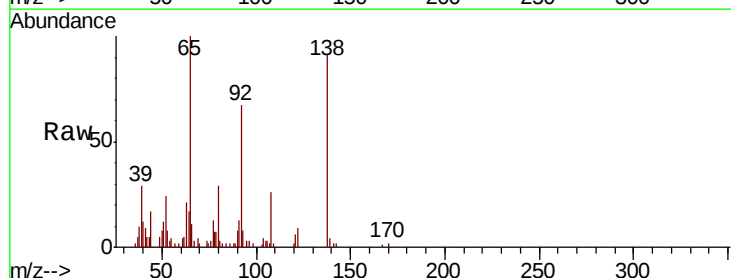
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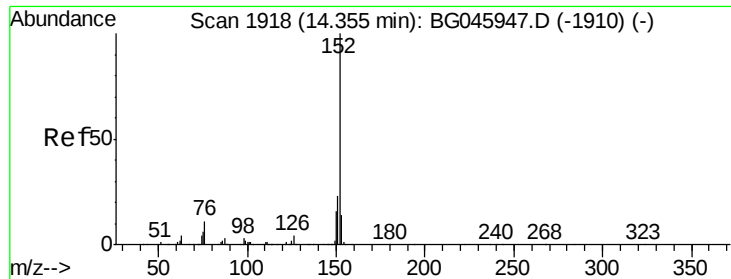
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#48
 2-Nitroaniline
 Concen: 4.040 ng
 RT: 13.69 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.4	83.0
138	91.5	77.0	115.4





#49

Acenaphthylene

Concen: 4.060 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

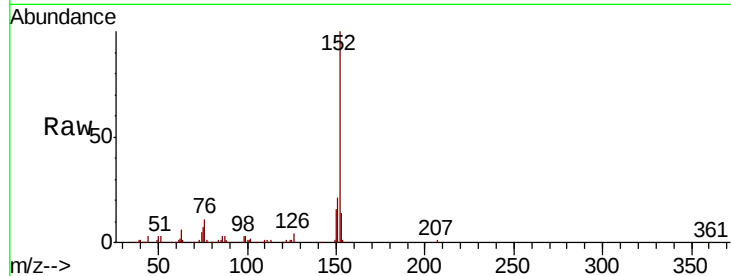
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

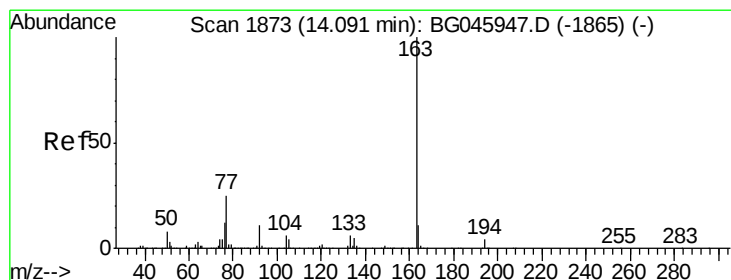
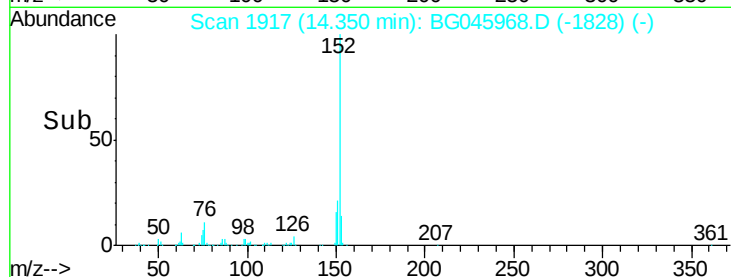
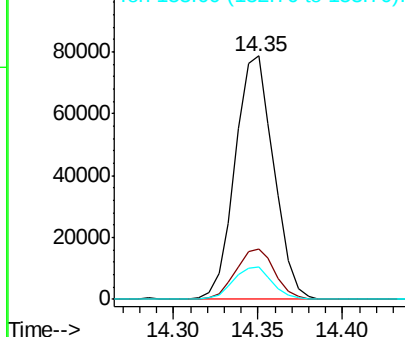
Tot Ion:	152	Resp:	124540
Ion Ratio	Lower	Upper	
152	100		
151	20.7	18.1	27.1
153	13.5	11.5	17.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.905 ng

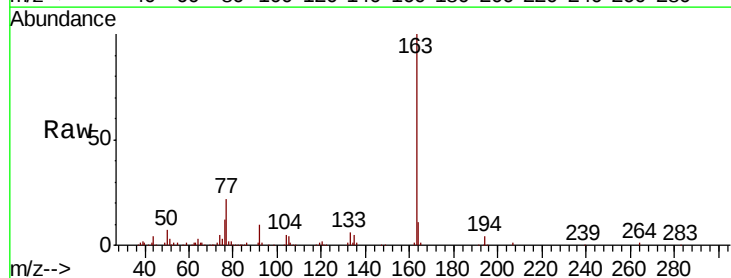
RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

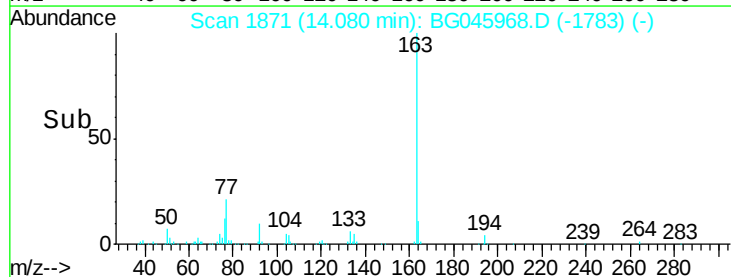
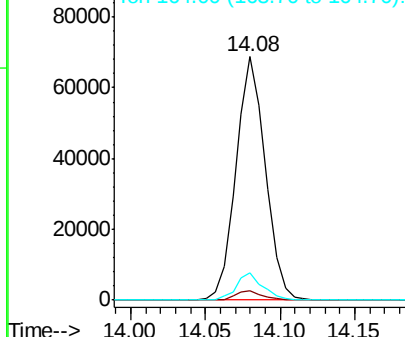
Lab File: BG045968.D

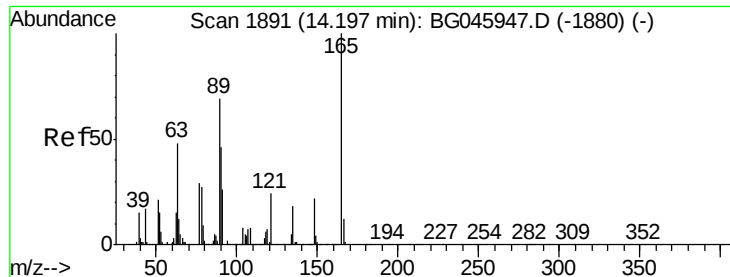
Acq: 7 Jul 2020 20:41

Tgt Ion:	163	Resp:	93873
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.6	5.4
164	11.2	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





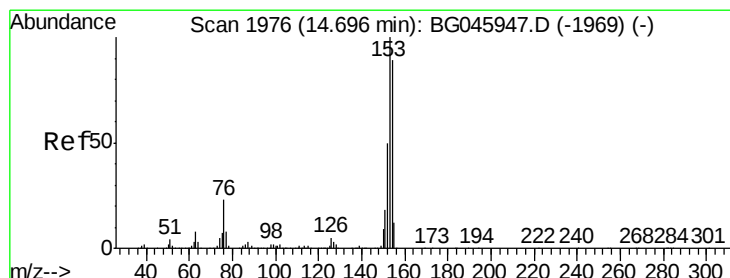
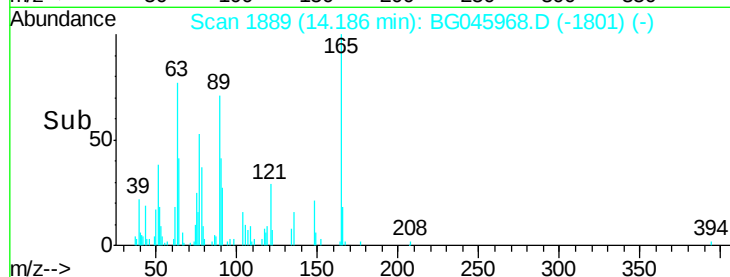
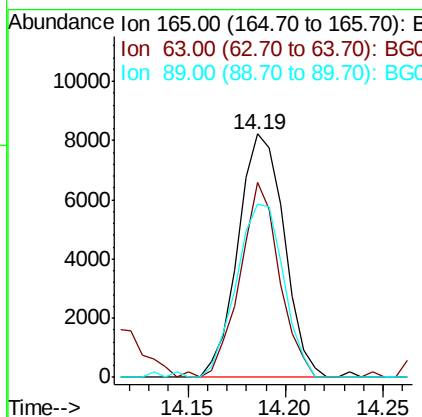
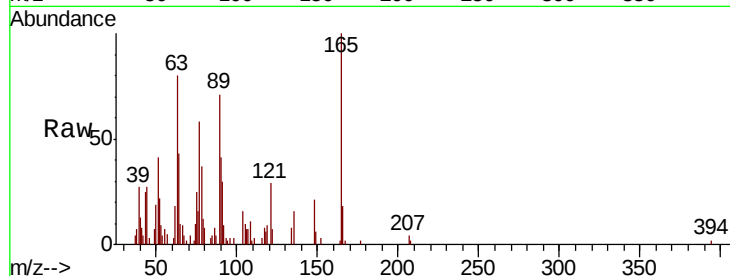
#51
2,6-Dinitrotoluene
Concen: 3.609 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	13460		
63	80.0	51.0	76.4	#
89	70.9	55.7	83.5	

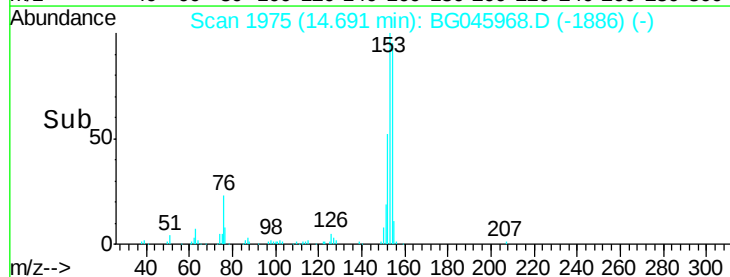
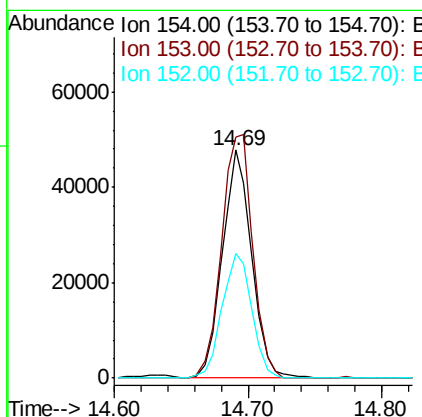
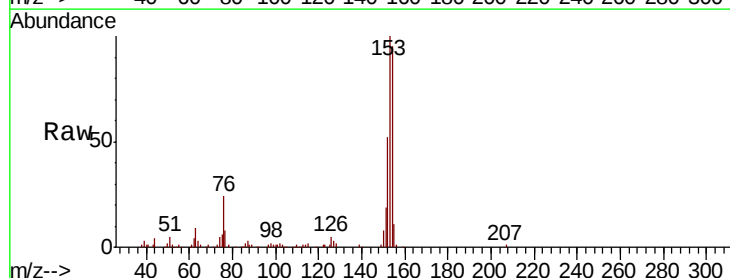
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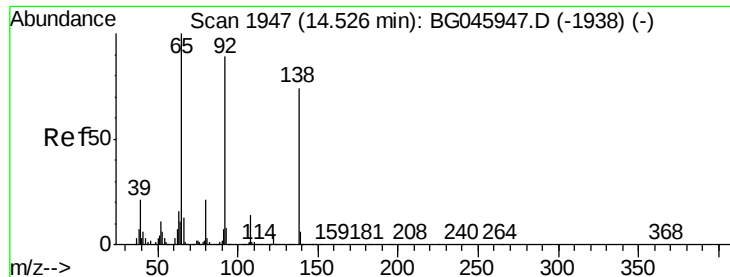
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#52
Acenaphthene
Concen: 3.799 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	73501		
153	105.6	89.7	134.5	
152	54.7	44.7	67.1	





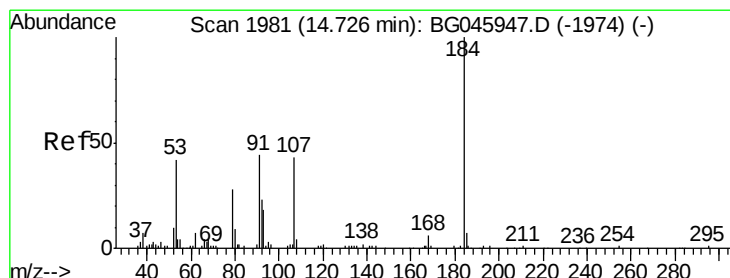
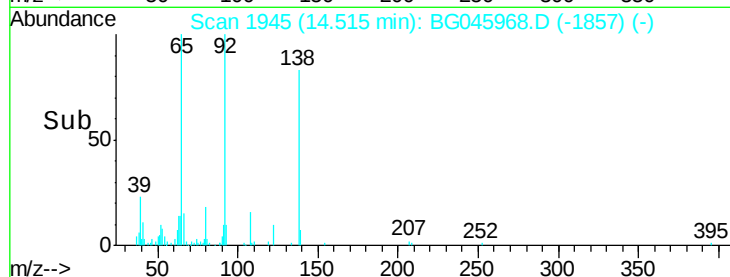
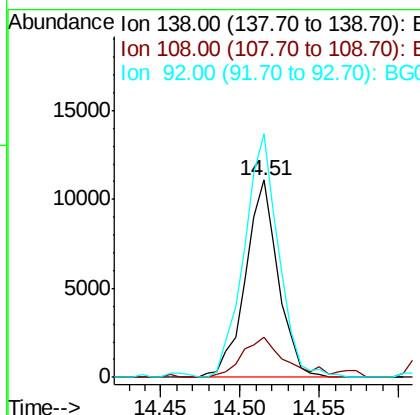
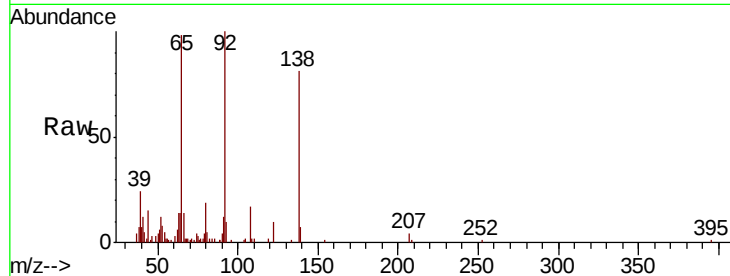
#53
3-Nitroaniline
Concen: 3.433 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	20.6	15.4	23.2
92	123.5	95.9	143.9

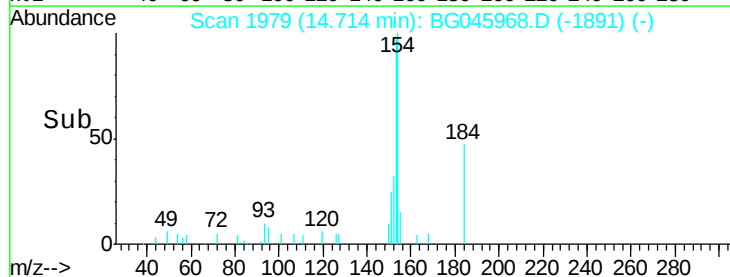
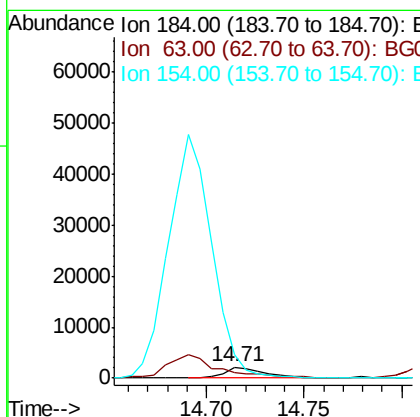
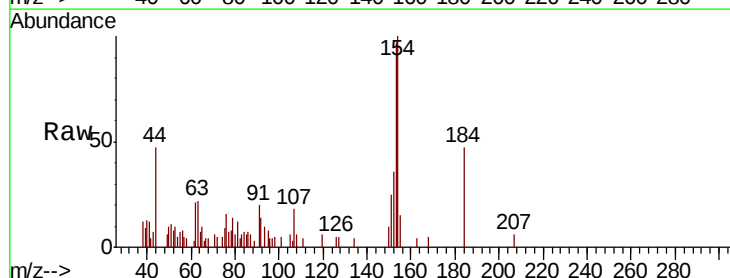
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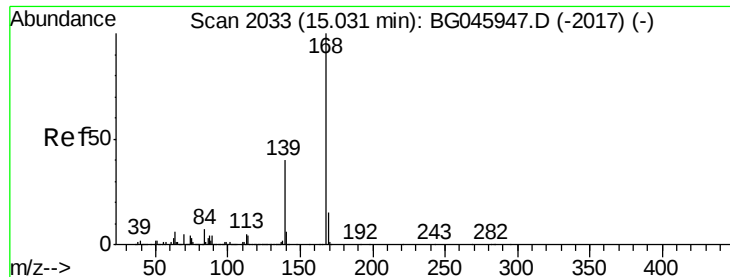
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#54
2,4-Dinitrophenol
Concen: 2.280 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.5	46.0	69.0
154	212.7	58.2	87.2#





#55

Dibenzofuran

Concen: 4.092 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

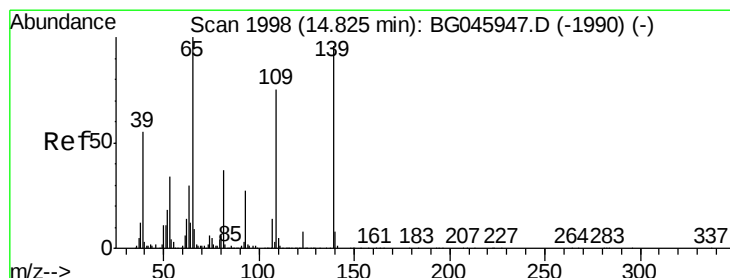
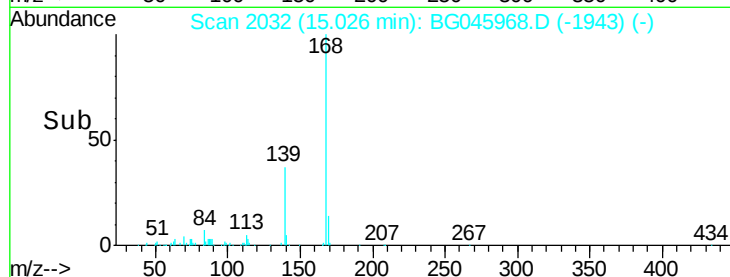
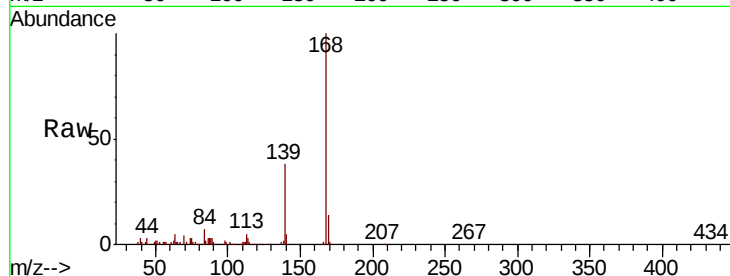
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	168	Resp:	116051
Ion Ratio	Lower	Upper	
168	100		
139	38.0	32.2	48.2
169	13.8	11.8	17.8

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#56

4-Nitrophenol

Concen: 3.028 ng

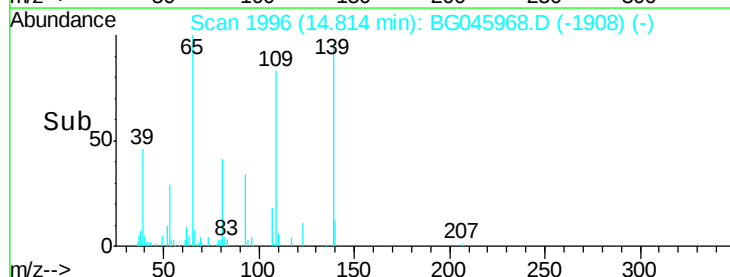
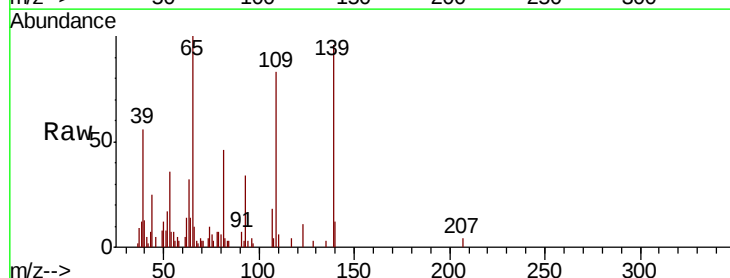
RT: 14.81 min Scan# 1996

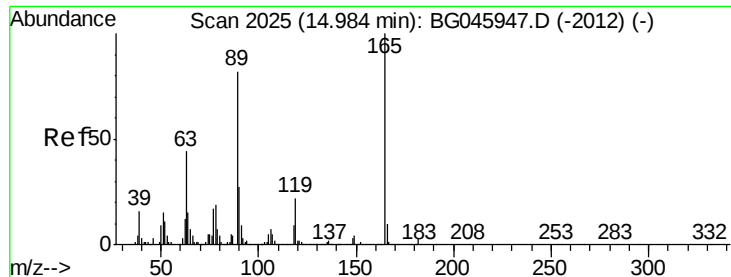
Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Tgt Ion:	139	Resp:	11860
Ion Ratio	Lower	Upper	
139	100		
109	87.1	58.5	98.5
65	104.6	84.7	124.7





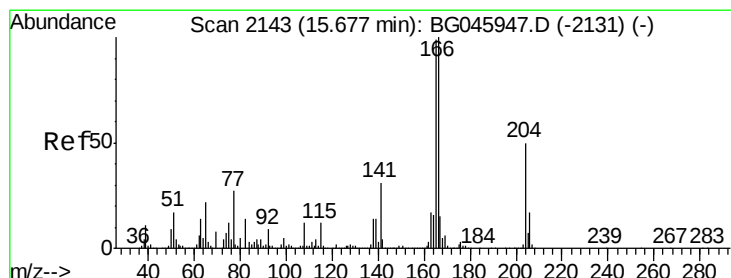
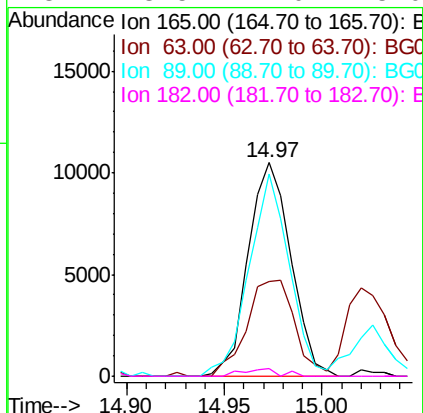
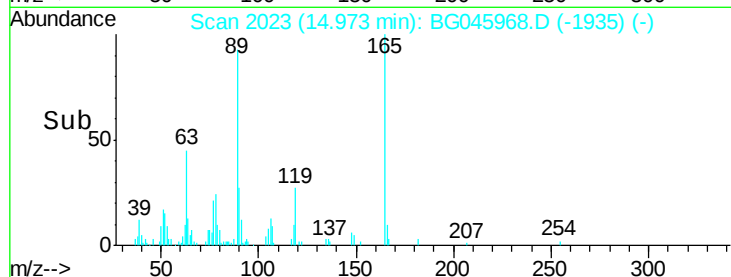
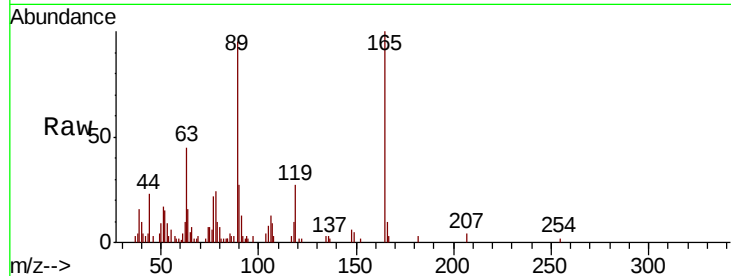
#57
2,4-Dinitrotoluene
Concen: 3.449 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.6	35.4	53.0
89	94.9	65.4	98.2
182	3.5	2.0	3.0#

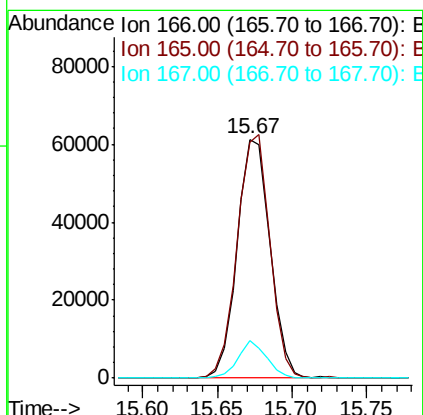
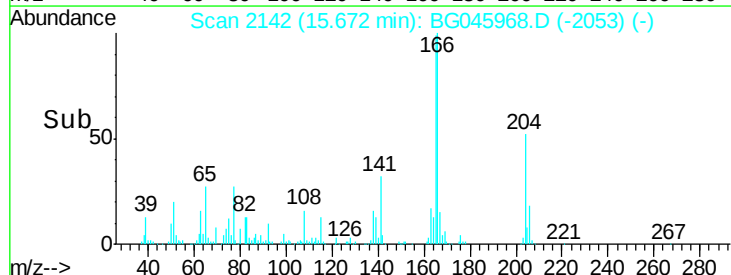
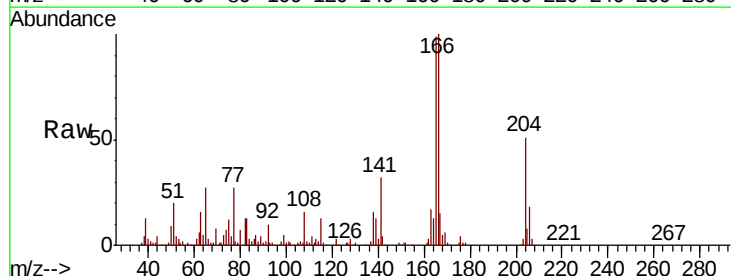
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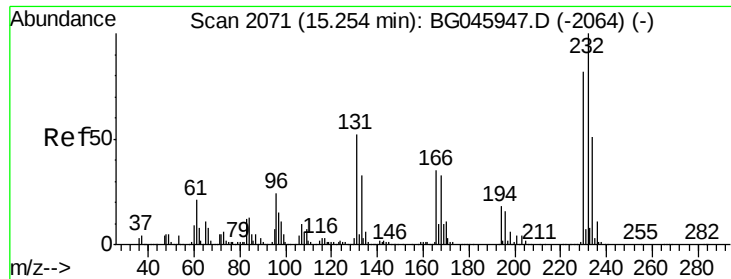
mohammad
7/9/2020 10:55:41 AM



#58
Fluorene
Concen: 4.032 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.9	118.3
167	15.5	12.1	18.1





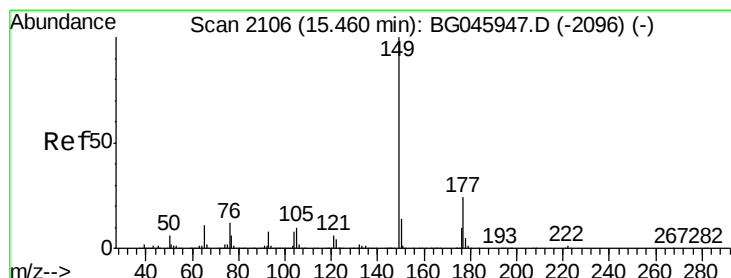
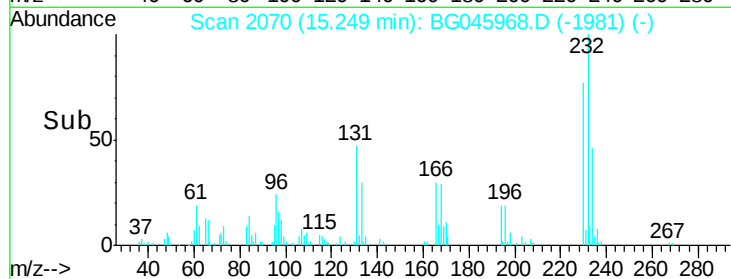
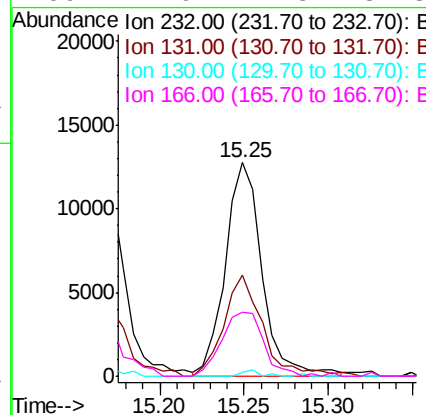
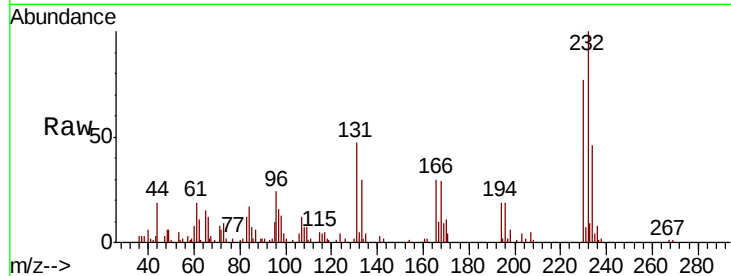
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.615 ng m
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	19270		
131	41.3		35.8	53.6
130	3.2		2.5	3.7
166	24.9		21.8	32.8

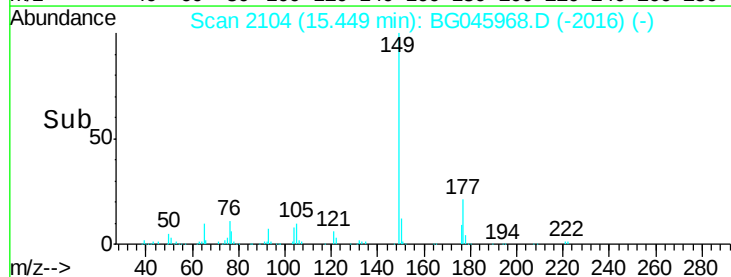
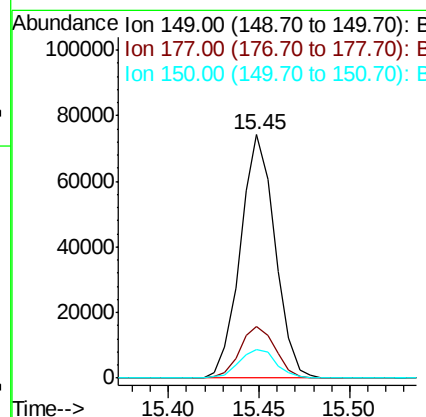
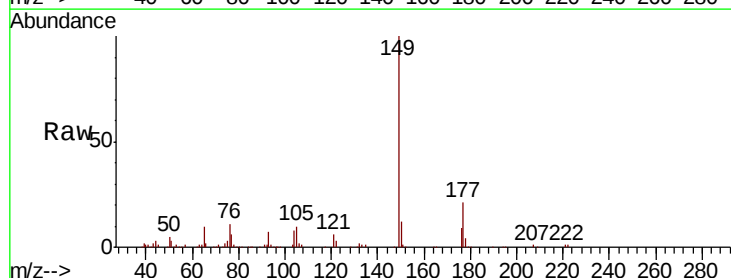
Manual Integrations
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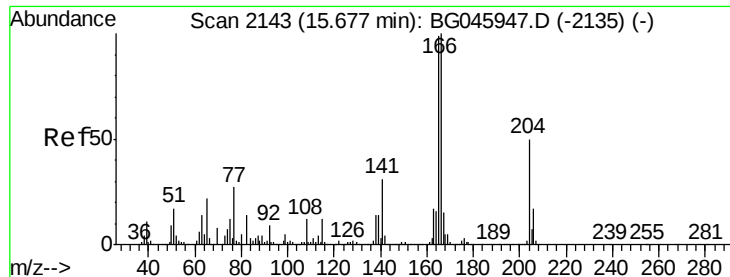
mohammad
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#60
 Diethylphthalate
 Concen: 3.912 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	98612		
177	21.1		19.0	28.4
150	11.9		11.0	16.4





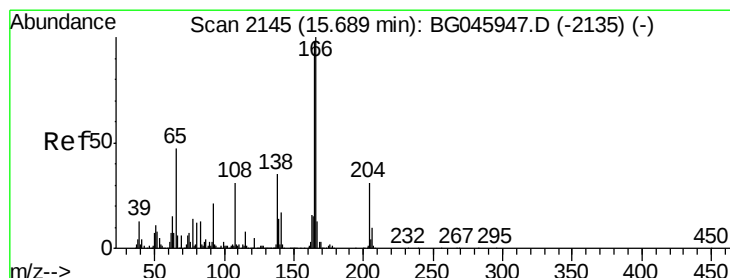
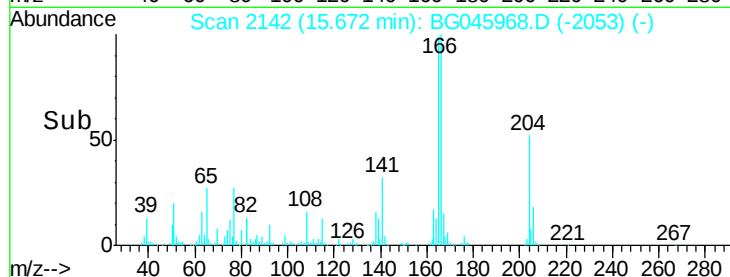
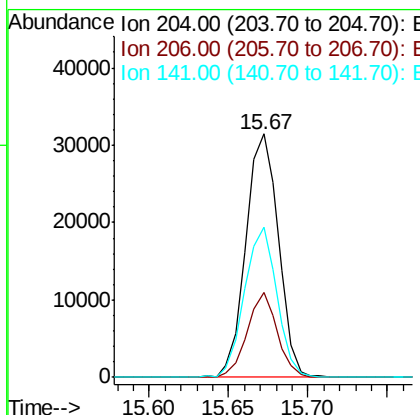
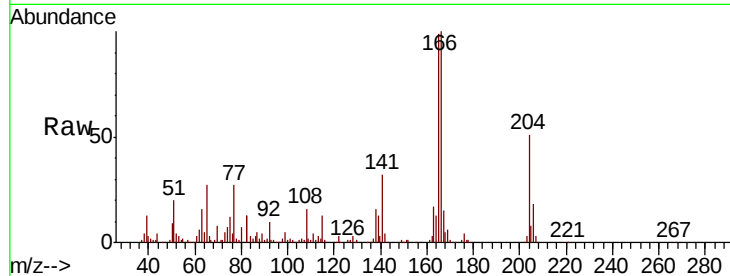
#61
4-Chlorophenyl-phenylether
Concen: 3.882 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.1	40.7
141	61.6	49.8	74.8

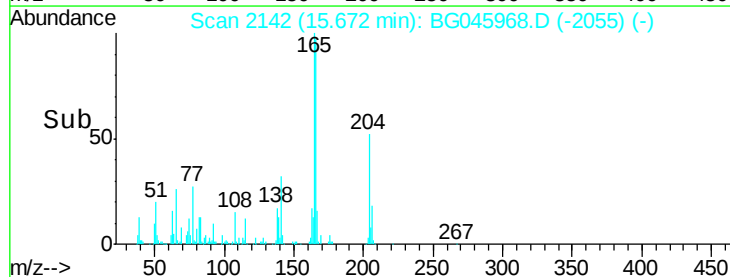
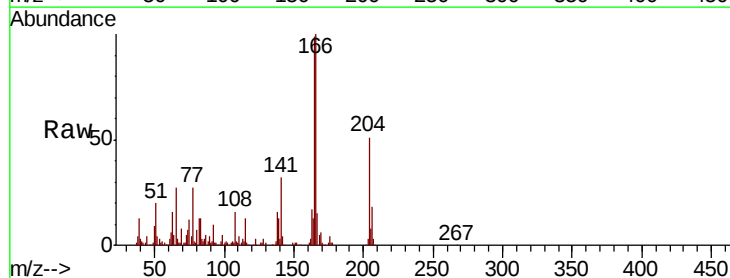
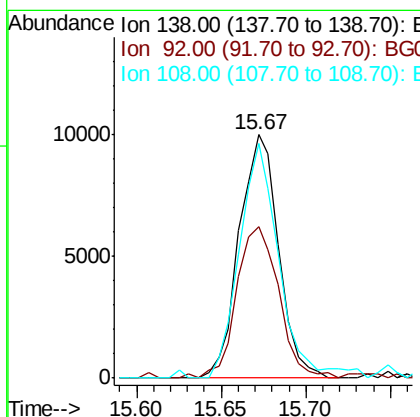
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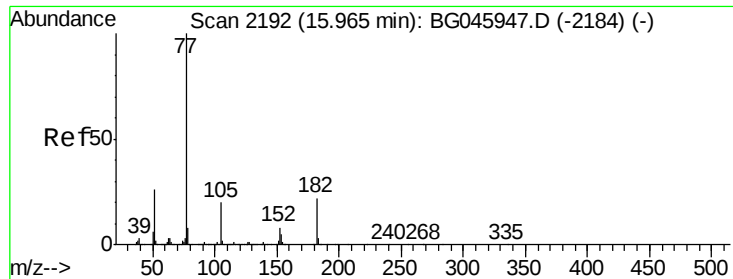
mohammad
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#62
4-Nitroaniline
Concen: 3.247 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.1	40.3	80.3
108	96.1	68.0	108.0





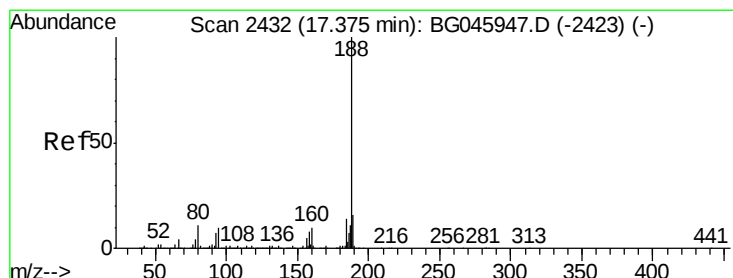
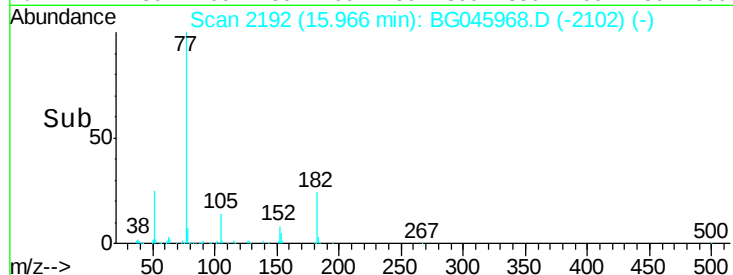
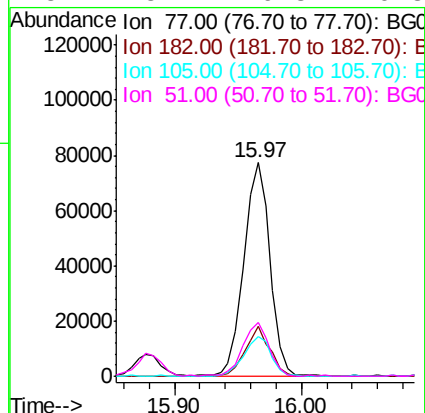
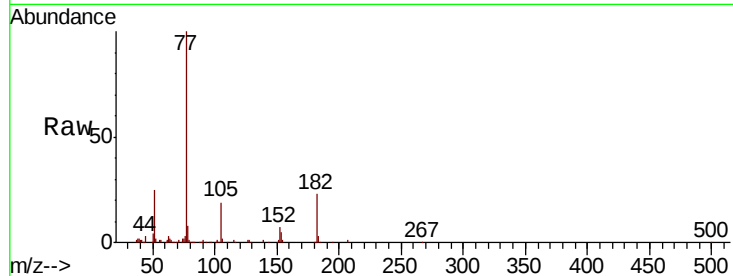
#63
Azobenzene
Concen: 4.095 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.1	2.4	42.4		
105	18.6	0.3	40.3		
51	25.2	6.3	46.3		

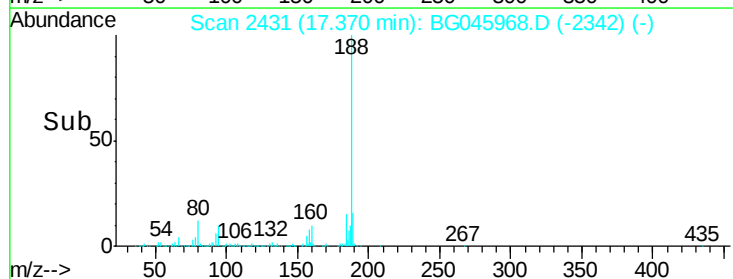
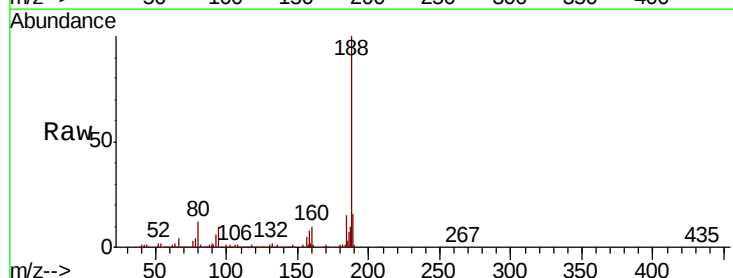
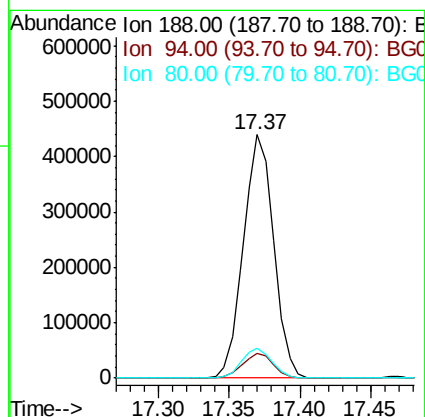
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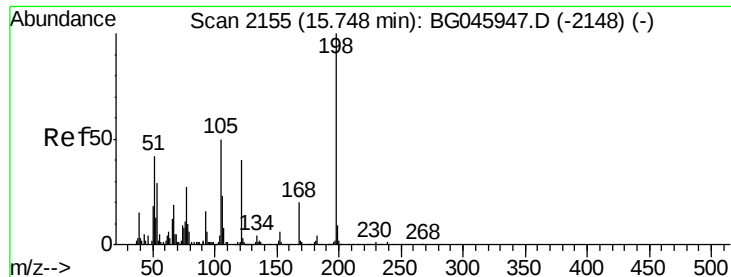
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.3	8.2	12.4		
80	12.3	9.0	13.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 2.663 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

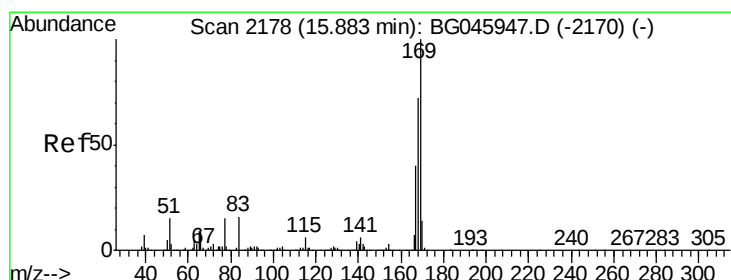
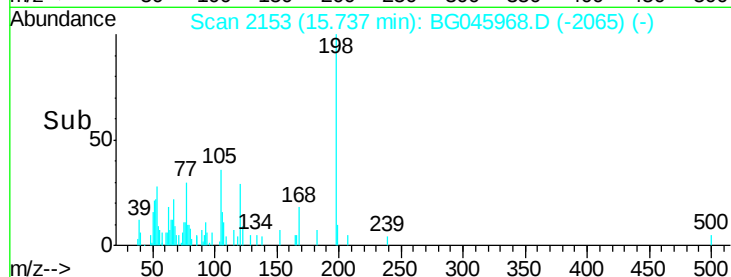
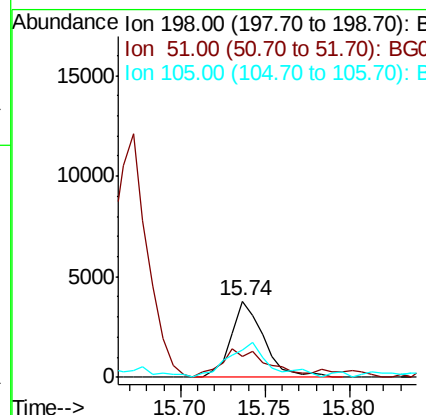
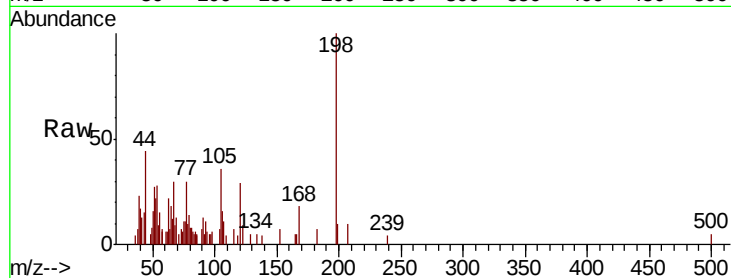
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	198	Resp:	5145
Ion Ratio	Lower	Upper	
198	100		
51	26.8	24.5	64.5
105	36.3	30.9	70.9

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#66

n-Nitrosodiphenylamine

Concen: 3.891 ng

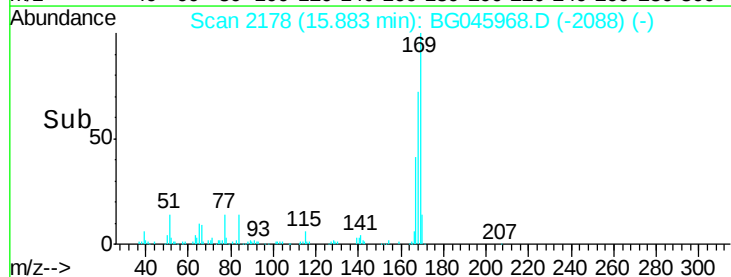
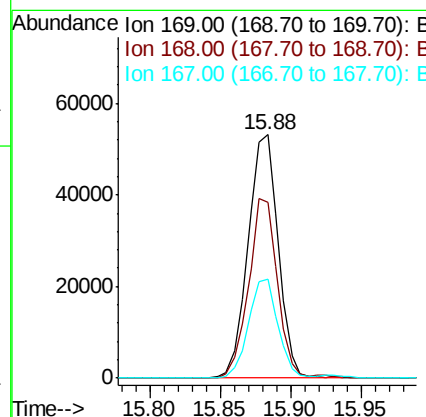
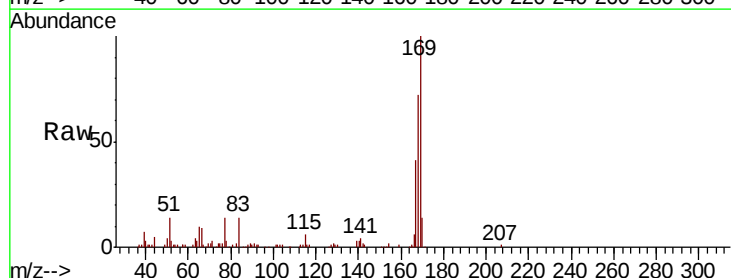
RT: 15.88 min Scan# 2178

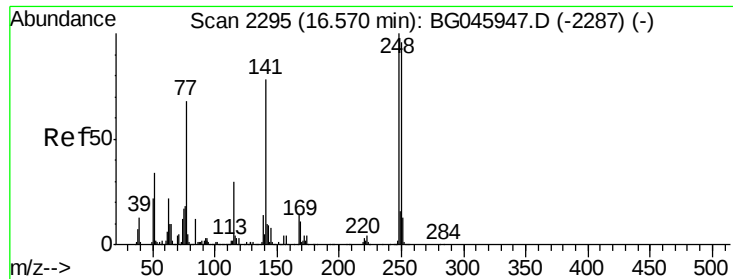
Delta R.T. 0.00 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Tgt Ion:	169	Resp:	79540
Ion Ratio	Lower	Upper	
169	100		
168	72.1	57.3	85.9
167	40.6	32.1	48.1





#67

4-Bromophenyl-phenylether

Concen: 3.499 ng

RT: 16.56 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

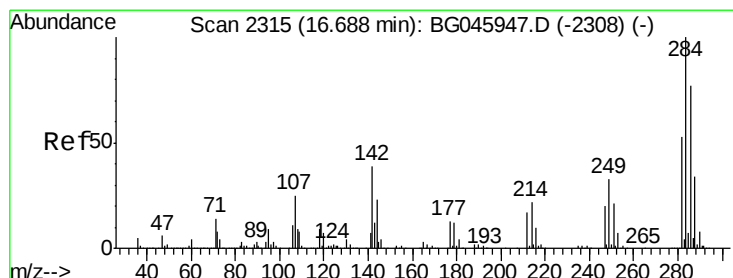
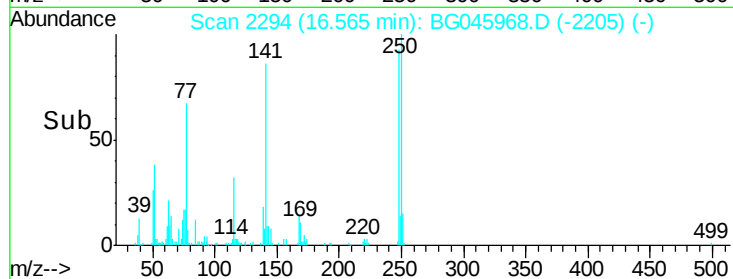
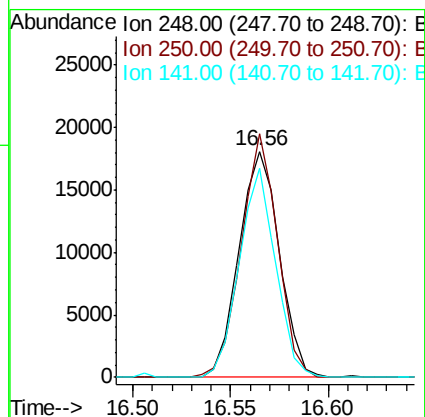
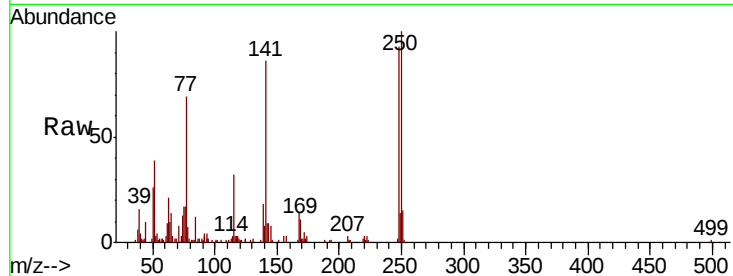
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	248	Resp:	25779
Ion	Ratio	Lower	Upper
248	100		
250	107.7	76.6	114.8
141	92.4	62.7	94.1

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#68

Hexachlorobenzene

Concen: 3.833 ng

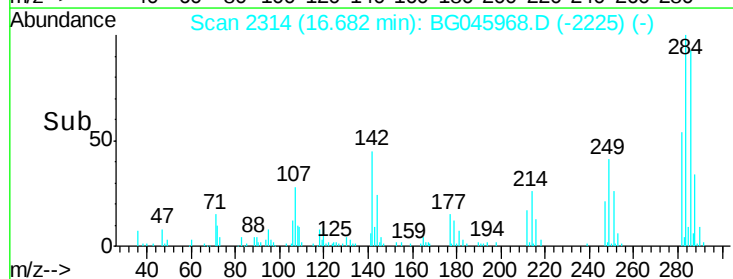
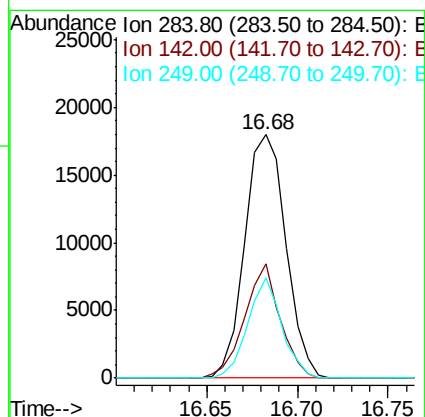
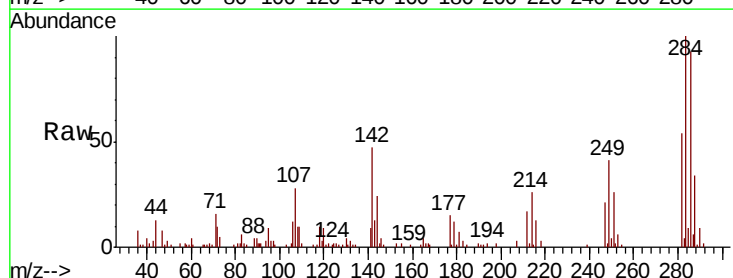
RT: 16.68 min Scan# 2314

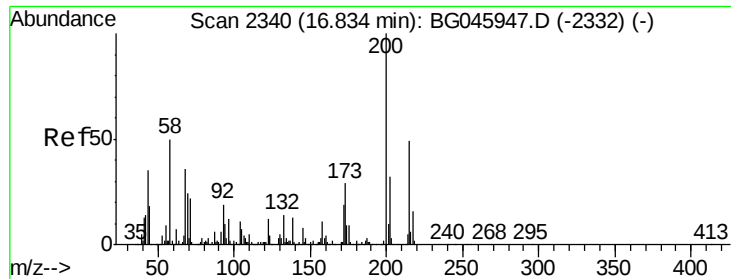
Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Tgt Ion:	284	Resp:	28336
Ion	Ratio	Lower	Upper
284	100		
142	46.7	31.3	46.9
249	41.2	26.8	40.2#





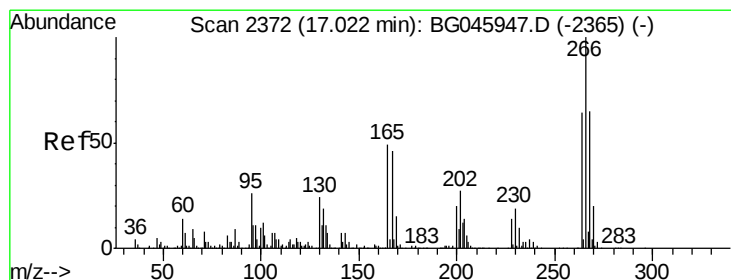
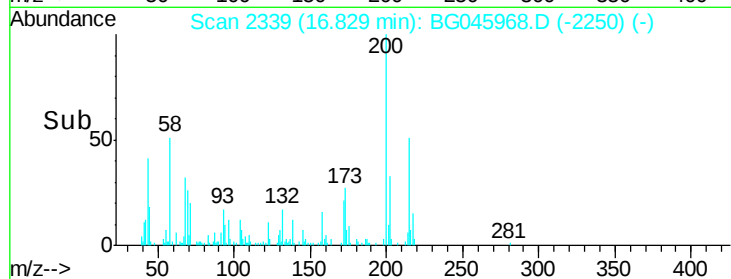
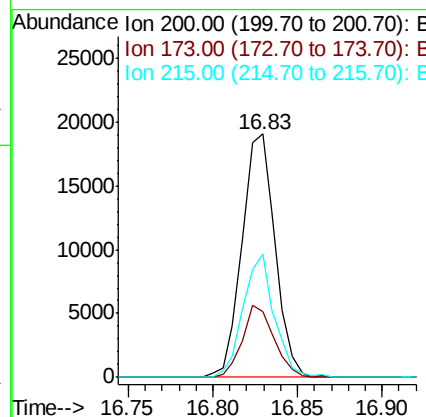
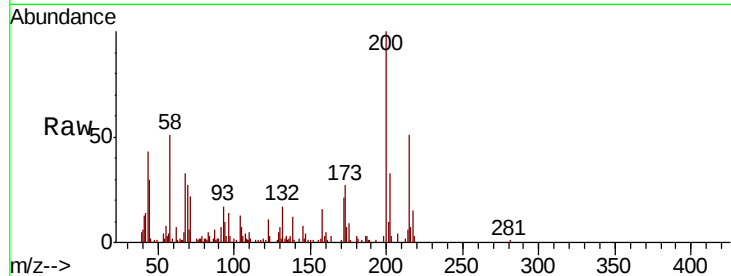
#69
Atrazine
Concen: 4.304 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.8	9.1	49.1
215	50.9	28.8	68.8

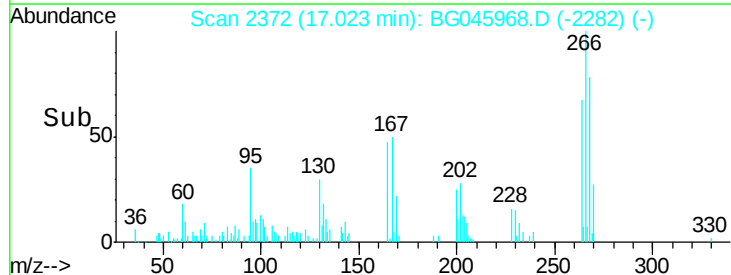
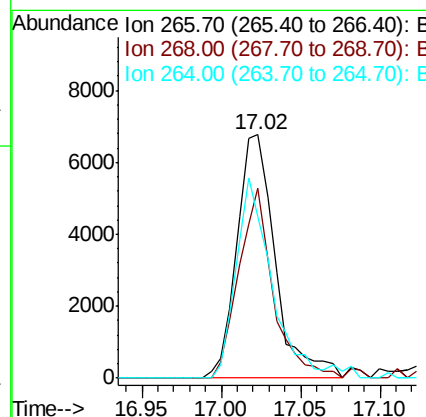
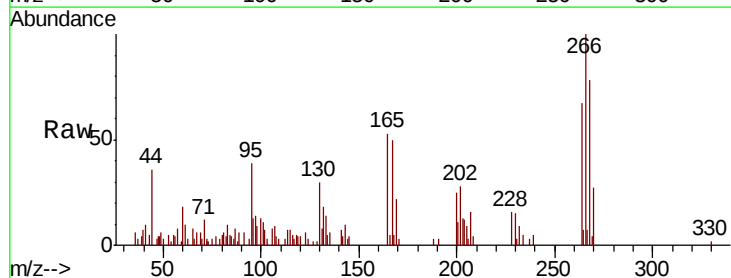
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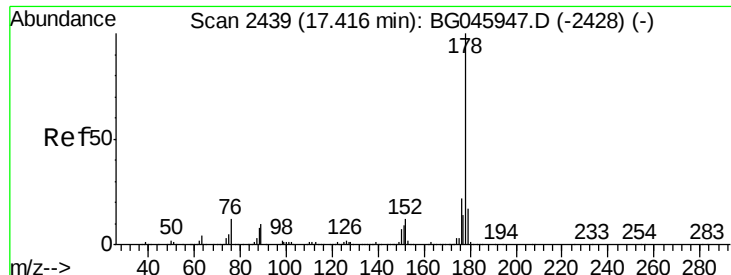
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#70
Pentachlorophenol
Concen: 2.773 ng
RT: 17.02 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	78.1	51.8	77.8#
264	66.7	51.4	77.0





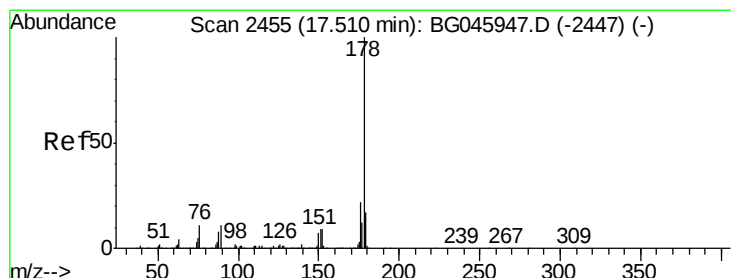
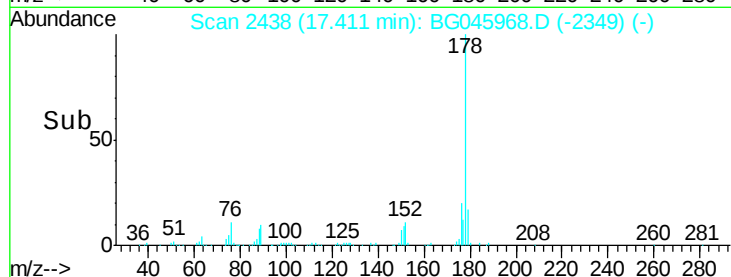
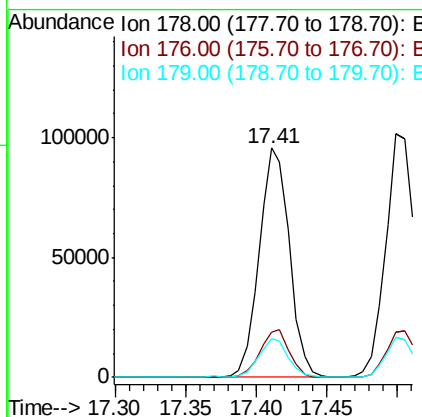
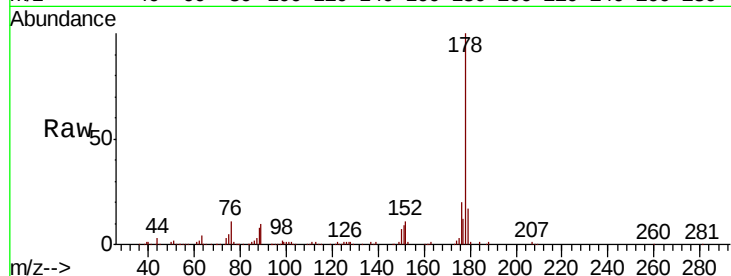
#71
Phenanthrene
Concen: 4.126 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.4	26.2
179	17.0	13.4	20.2

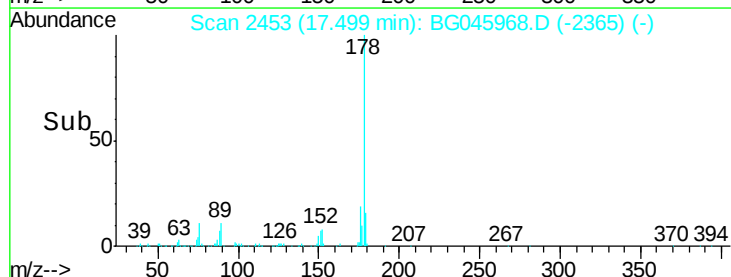
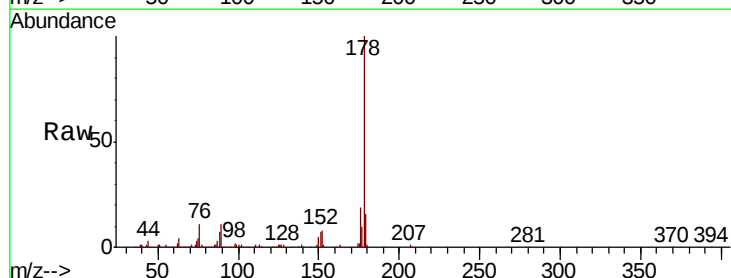
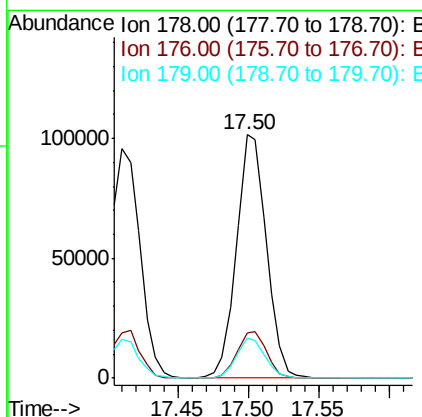
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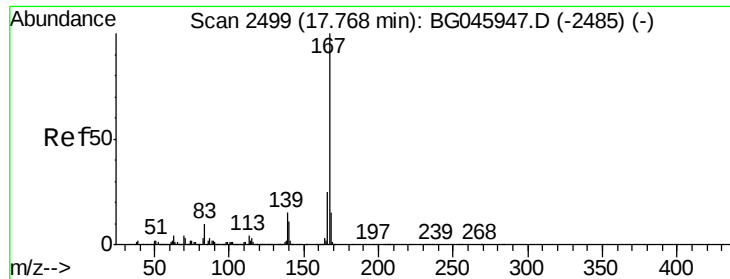
mohammad
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#72
Anthracene
Concen: 4.253 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	17.2	25.8
179	16.3	14.0	21.0





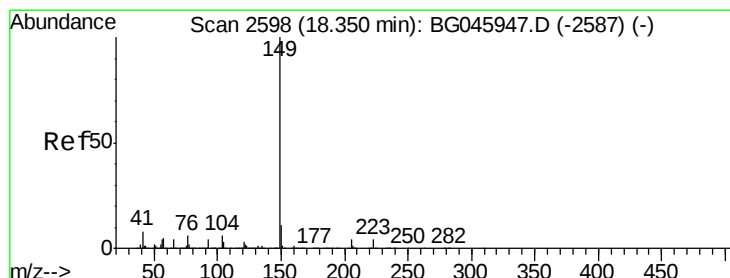
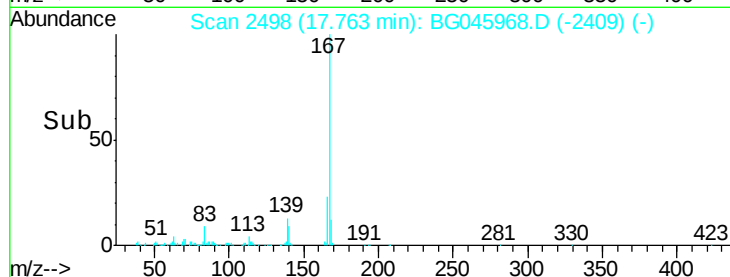
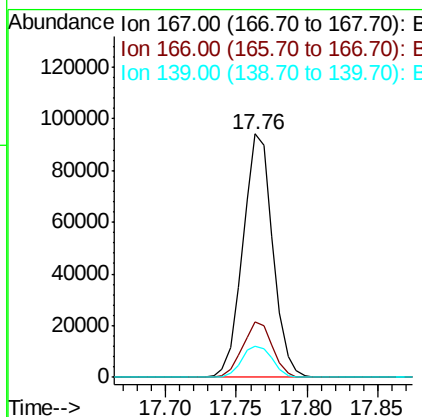
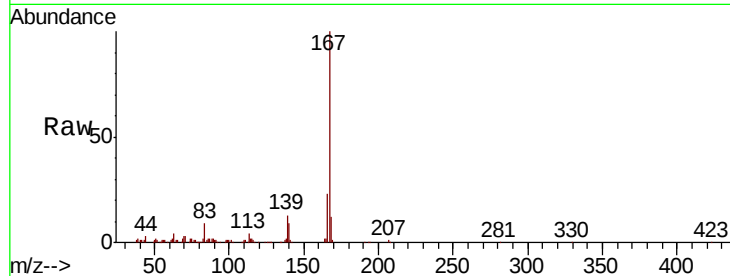
#73
 Carbazole
 Concen: 3.926 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	20.4	30.6
139	12.8	11.8	17.8

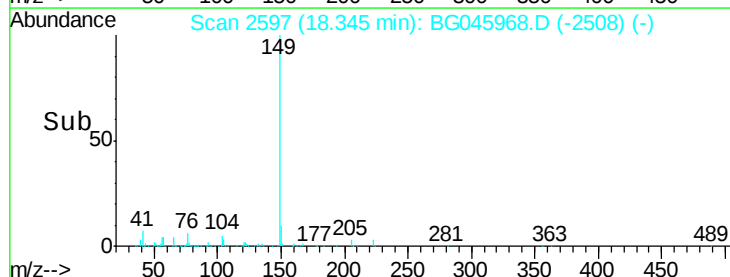
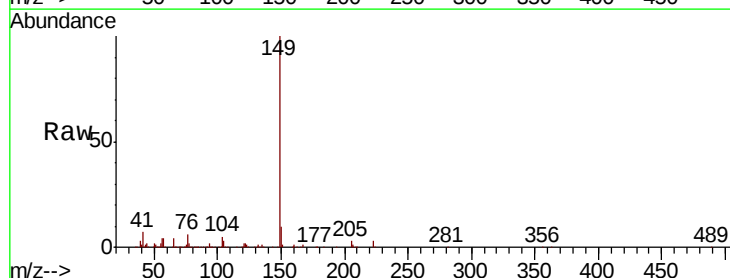
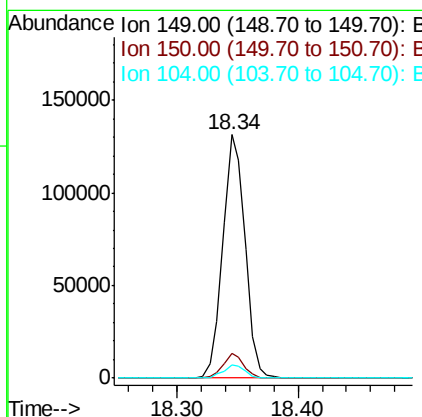
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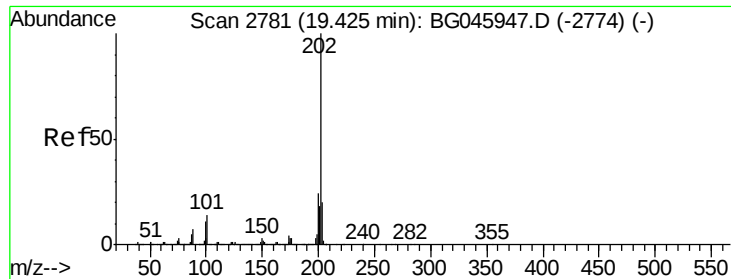
mohammad
 7/9/2020 10:55:41 AM



#74
 Di-n-butylphthalate
 Concen: 3.879 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	9.0	13.4
104	5.4	5.2	7.8





#75

Fluoranthene

Concen: 4.127 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

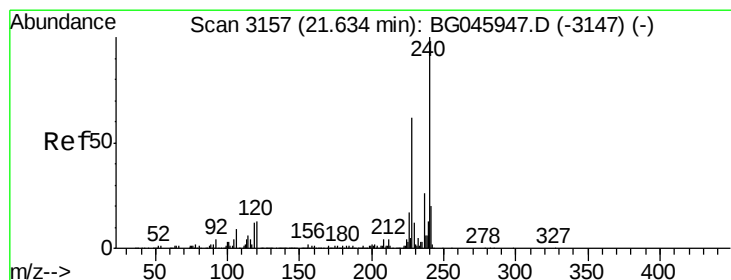
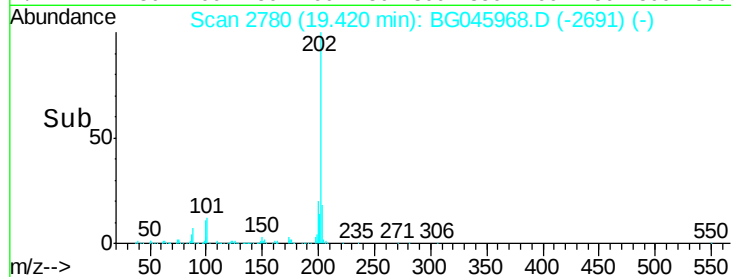
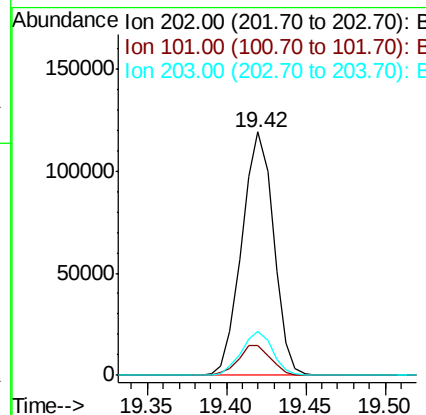
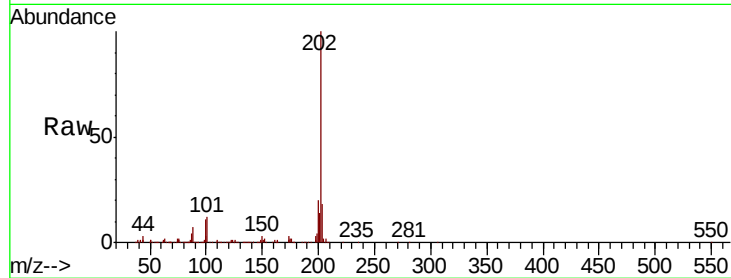
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	202	Resp:	166379
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	33.8
203	18.3	0.4	40.4

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mohammad
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#76

Chrysene-d12

Concen: 20.000 ng

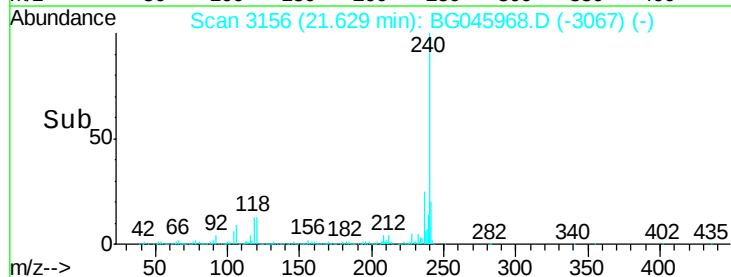
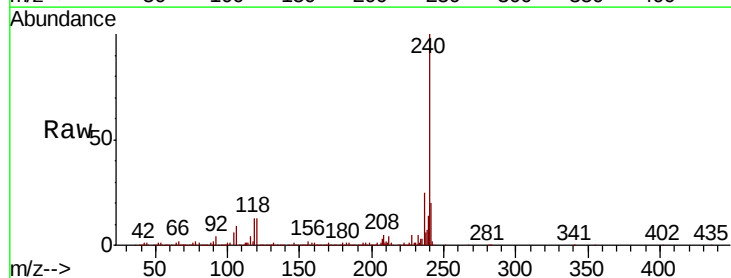
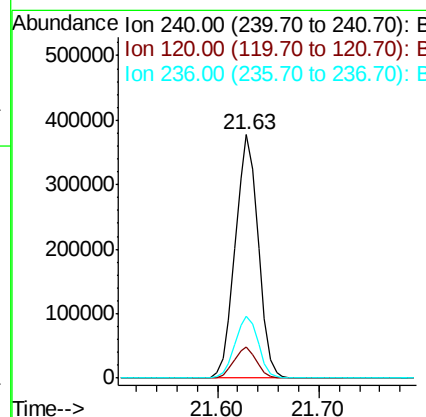
RT: 21.63 min Scan# 3156

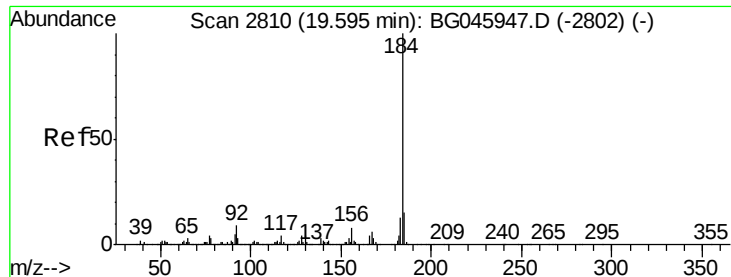
Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Tgt Ion:	240	Resp:	592004
Ion Ratio	Lower	Upper	
240	100		
120	12.7	10.6	16.0
236	25.3	20.4	30.6





#77

Benzidine

Concen: 4.634 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

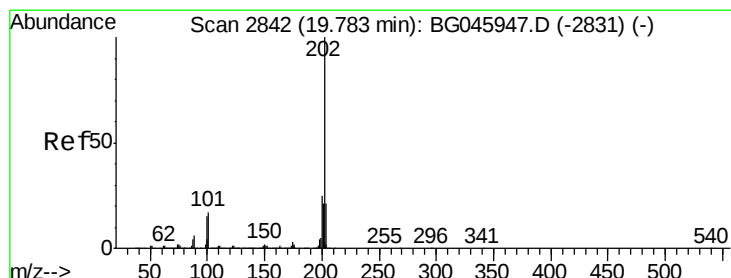
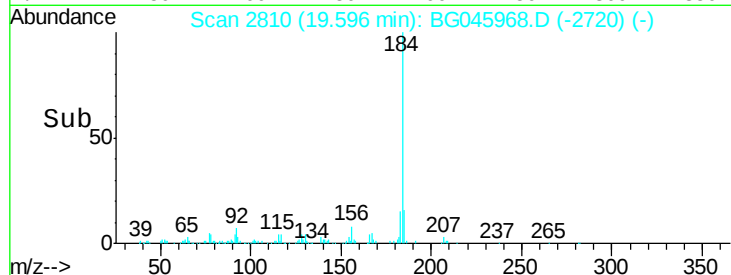
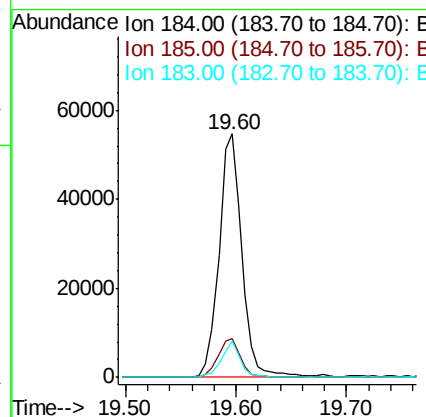
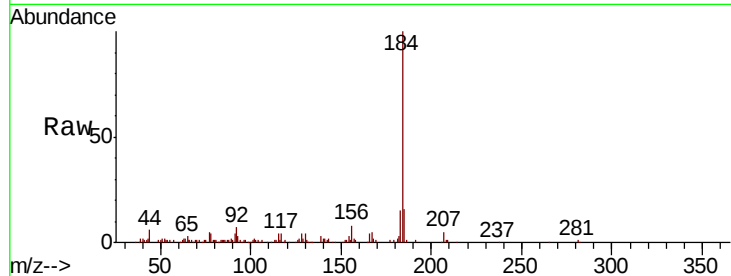
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	184	Resp:	78446
Ion Ratio	Lower	Upper	
184	100		
185	16.0	11.6	17.4
183	14.7	10.4	15.6

Manual Integrations
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#78

Pyrene

Concen: 4.280 ng

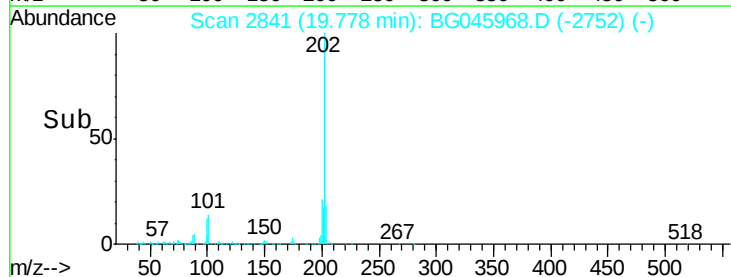
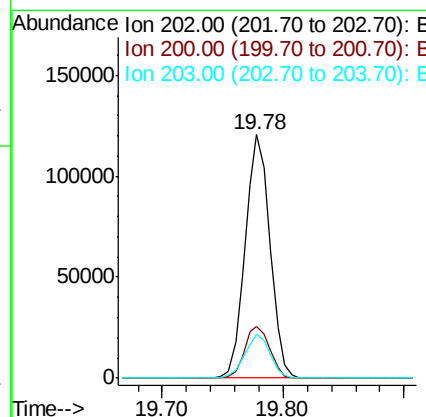
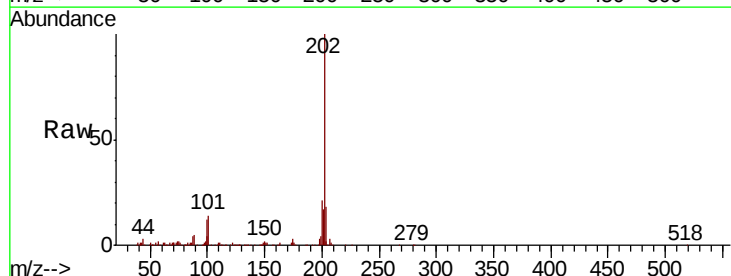
RT: 19.78 min Scan# 2841

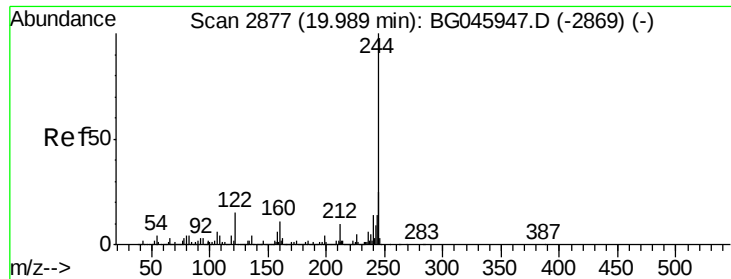
Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Tgt Ion:	202	Resp:	172972
Ion Ratio	Lower	Upper	
202	100		
200	21.0	20.1	30.1
203	17.8	16.5	24.7





#79

Terphenyl-d14

Concen: 114.710 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:244 Resp: 3051388

Ion Ratio Lower Upper

244 100

212 11.9 8.3 12.5

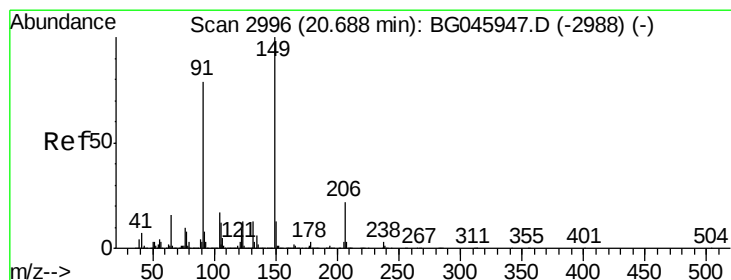
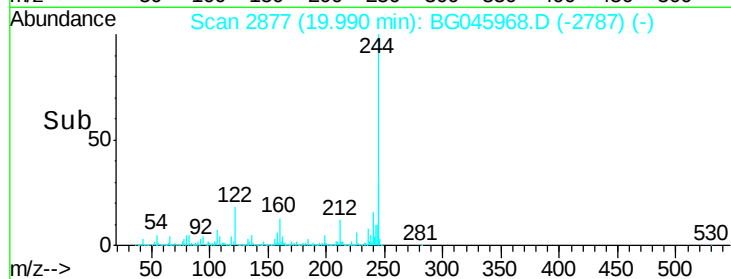
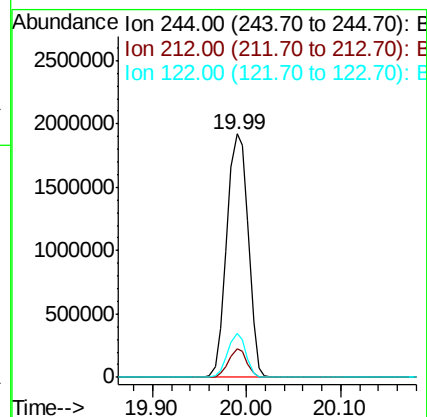
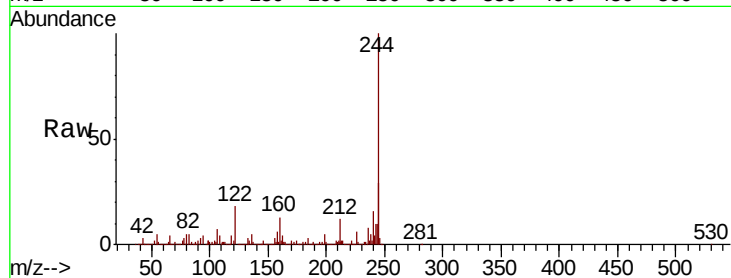
122 18.1 12.1 18.1

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mohammad

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#80

Butylbenzylphthalate

Concen: 3.347 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

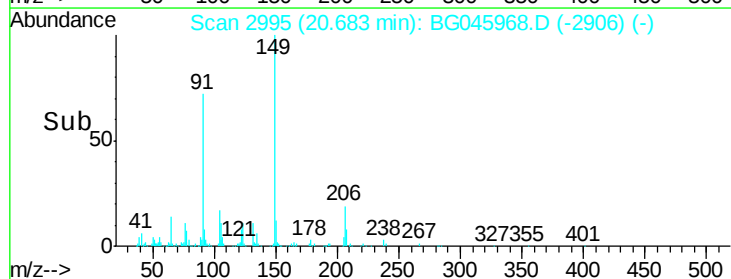
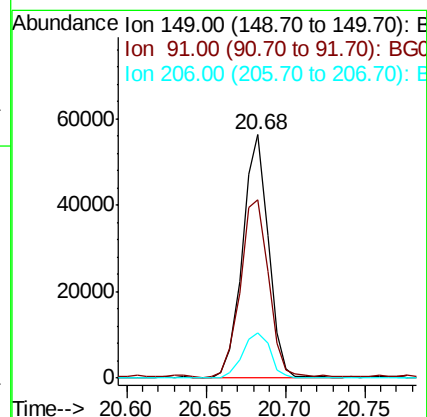
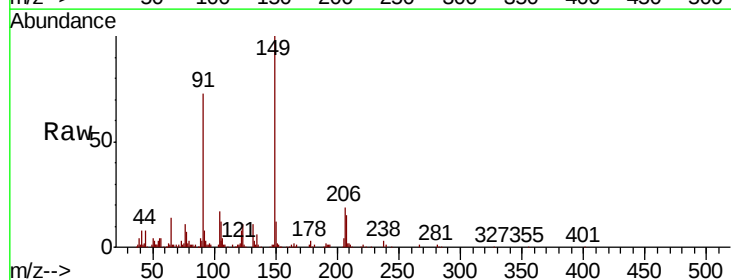
Tgt Ion:149 Resp: 63919

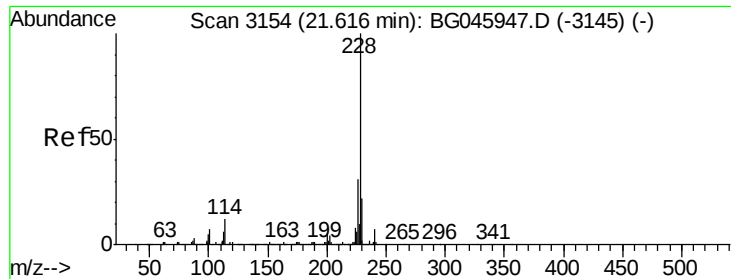
Ion Ratio Lower Upper

149 100

91 73.1 63.1 94.7

206 18.7 17.4 26.0





#81

Benzo(a)anthracene

Concen: 3.952 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Instrument :

BNA_G

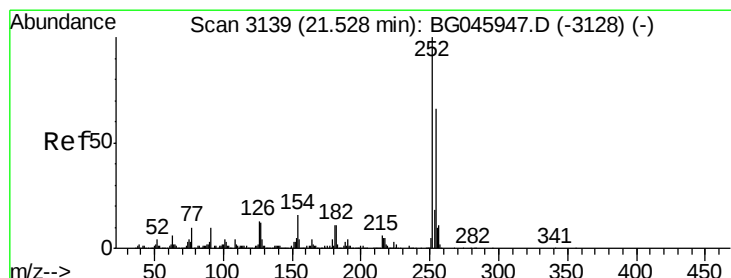
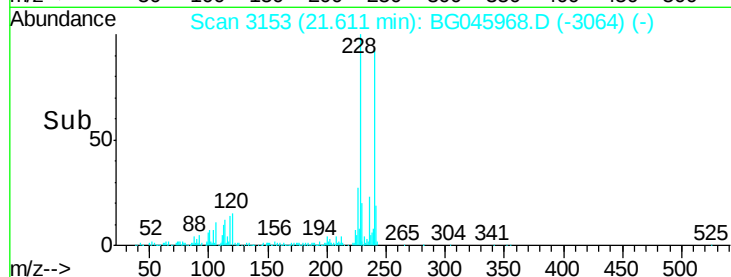
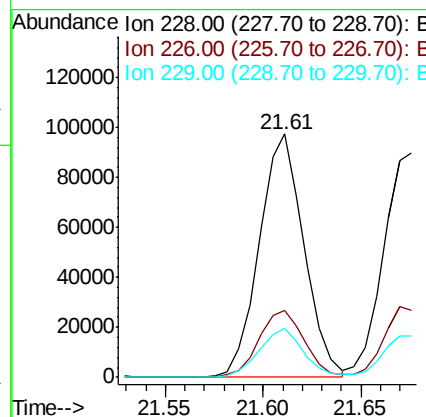
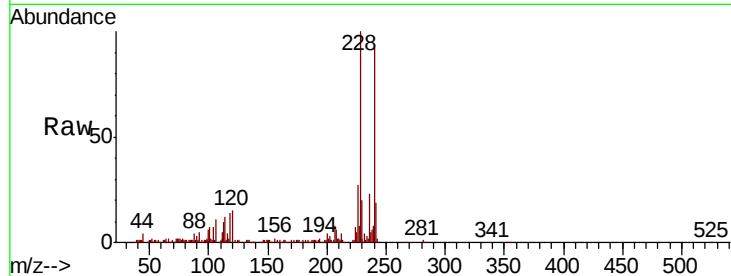
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	228	Resp:	153835
Ion Ratio	Lower	Upper	
228	100		
226	27.4	24.8	37.2
229	20.1	17.8	26.8

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#82

3,3'-Dichlorobenzidine

Concen: 3.840 ng

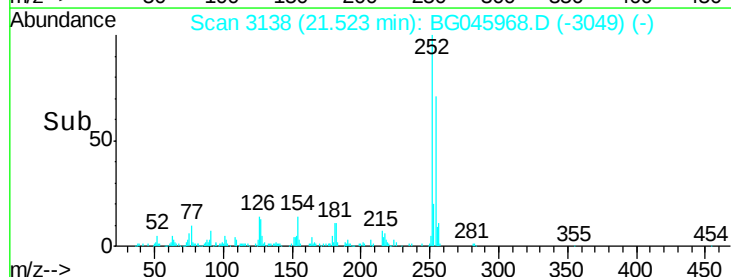
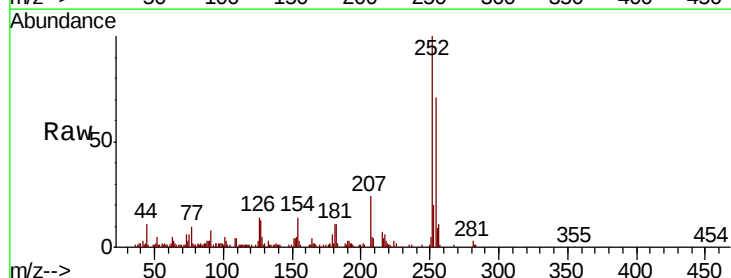
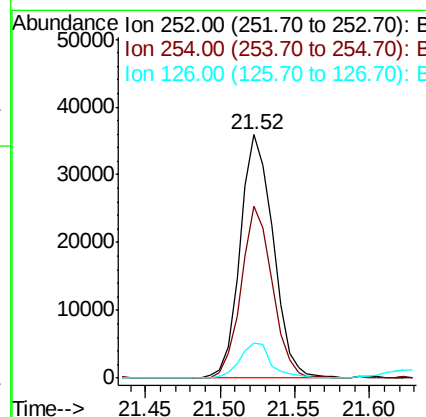
RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG045968.D

Acq: 7 Jul 2020 20:41

Tgt Ion:	252	Resp:	55228
Ion Ratio	Lower	Upper	
252	100		
254	70.6	52.9	79.3
126	14.3	10.4	15.6





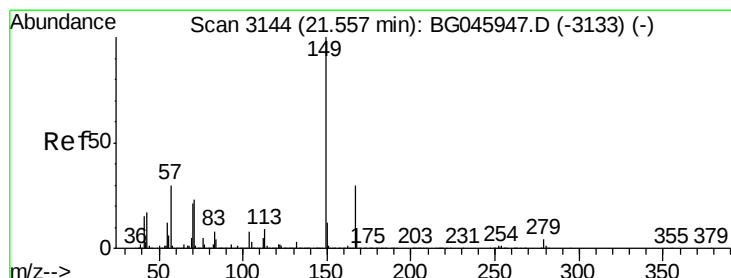
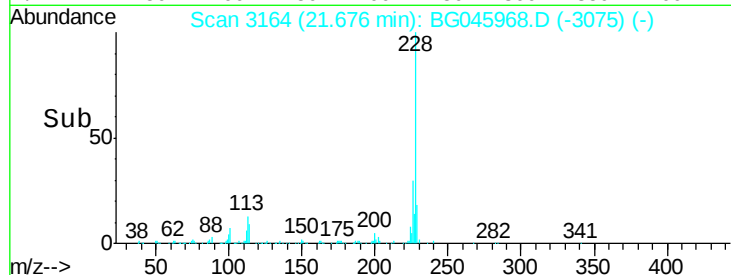
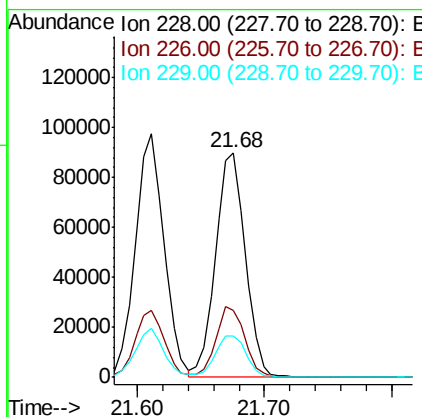
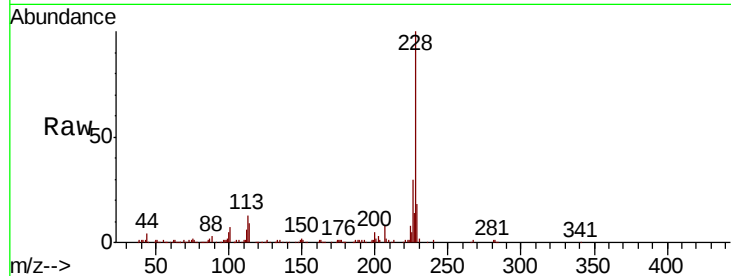
#83
Chrysene
Concen: 3.958 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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	18.4	17.3	25.9

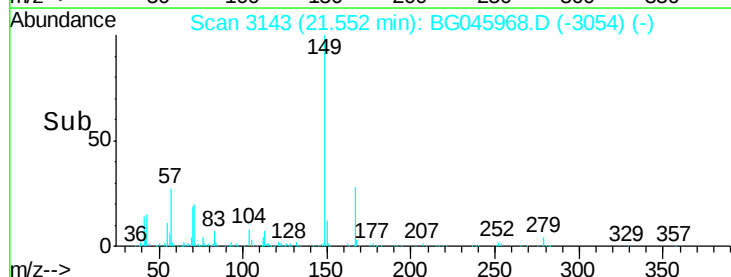
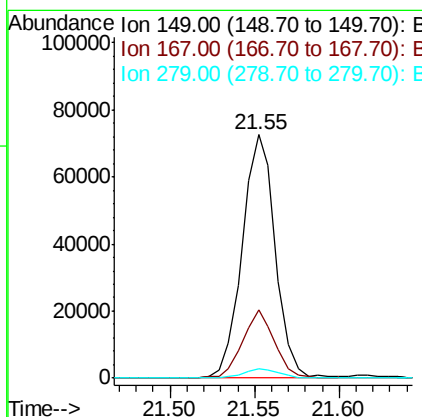
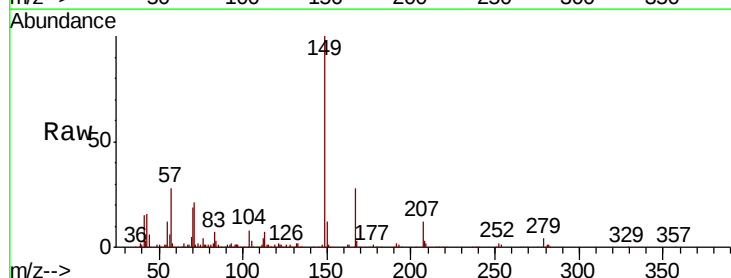
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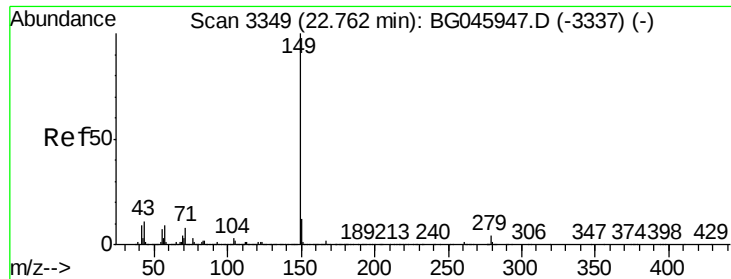
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.555 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.8	35.8
279	3.6	3.5	5.3





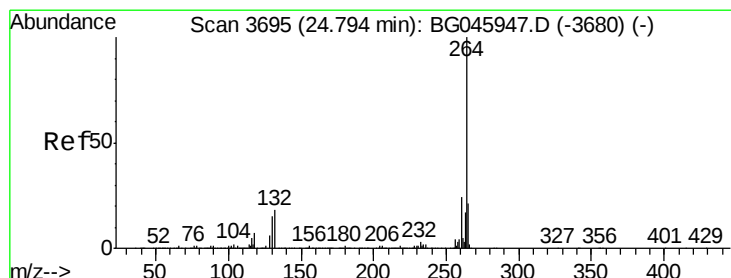
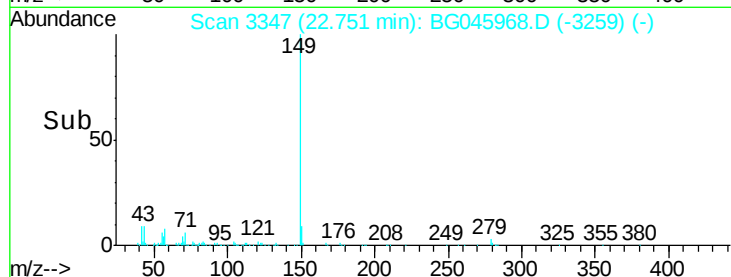
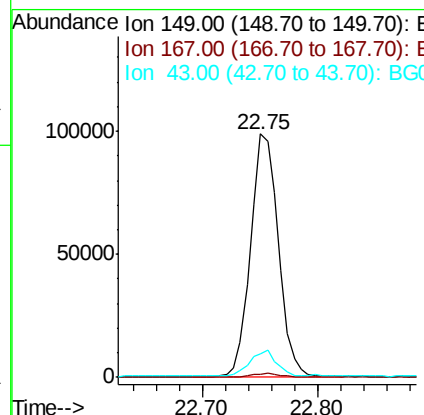
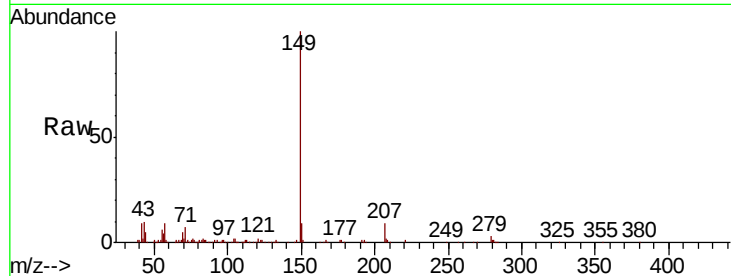
#85
Di-n-octyl phthalate
Concen: 3.486 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	167694		
167	1.6		1.4	2.0
43	10.3		8.6	12.8

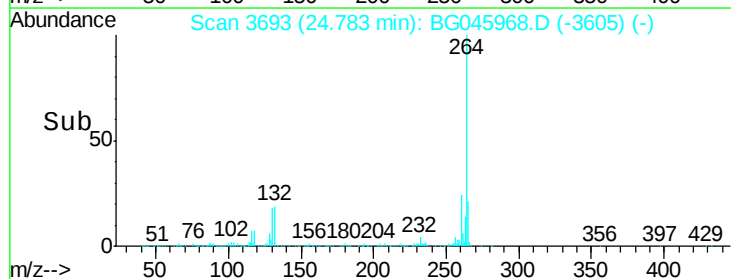
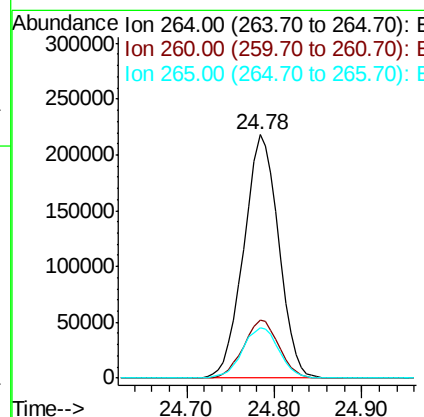
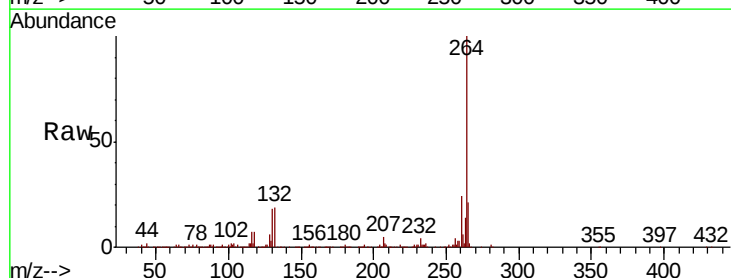
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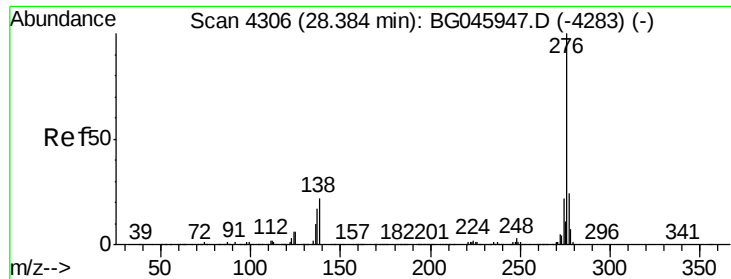
mohammad
7/9/2020 10:55:41 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	588736		
260	23.8		19.0	28.6
265	20.7		16.9	25.3





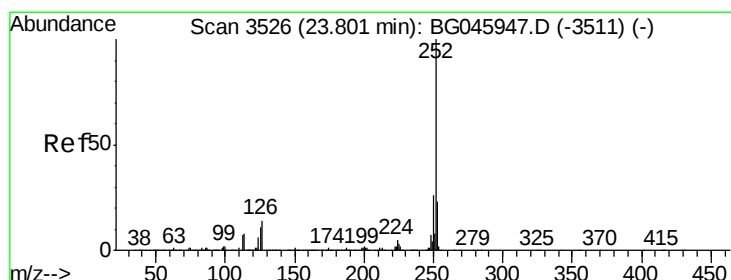
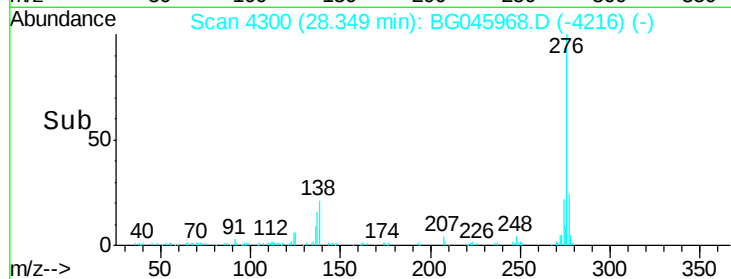
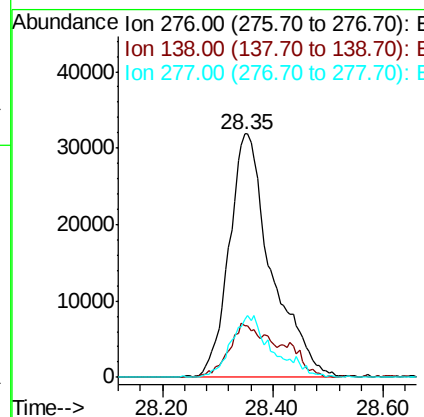
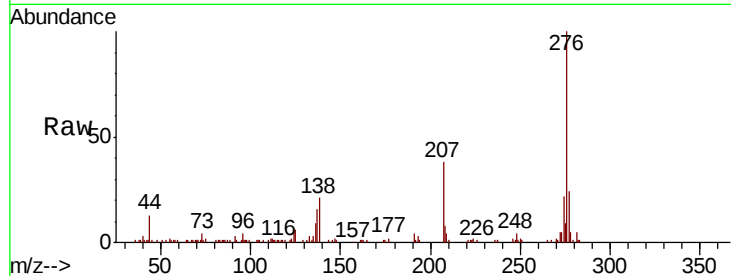
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.933 ng
 RT: 28.35 min Scan# 4306
 Delta R.T. -0.03 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	16.4	24.6#
277	0.0	20.6	31.0#

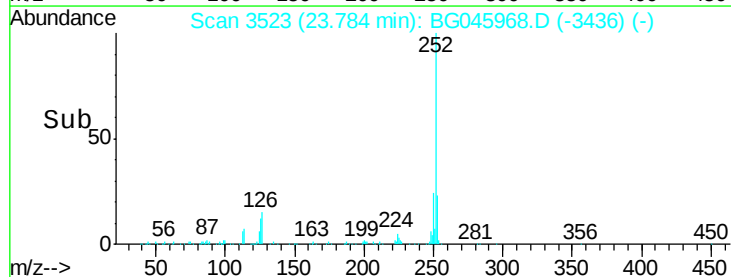
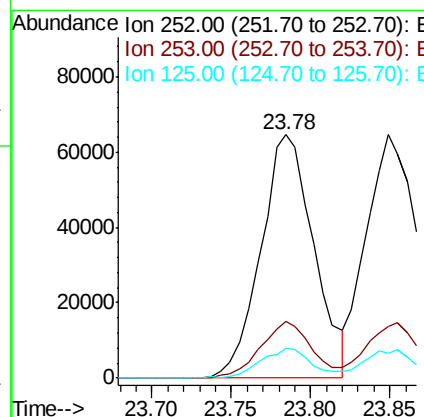
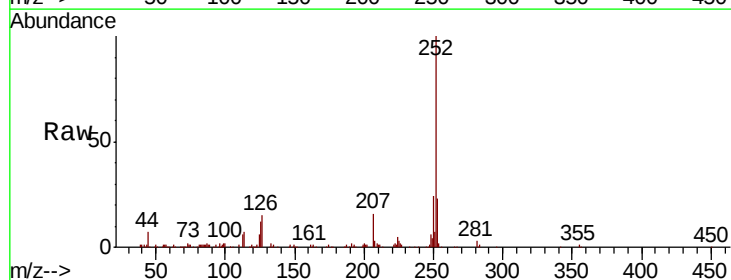
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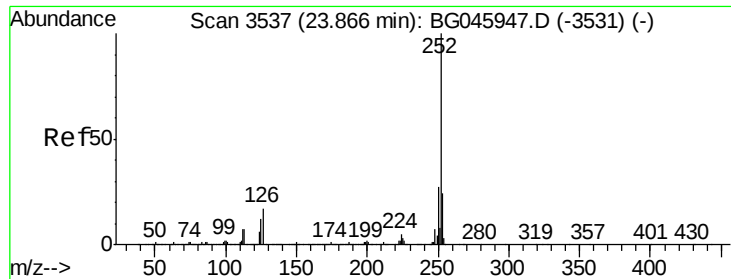
mohammad
 7/9/2020 10:55:41 AM



#88
 Benzo(b)fluoranthene
 Concen: 4.016 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.02 min
 Lab File: BG045968.D
 Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	12.0	9.2	13.8





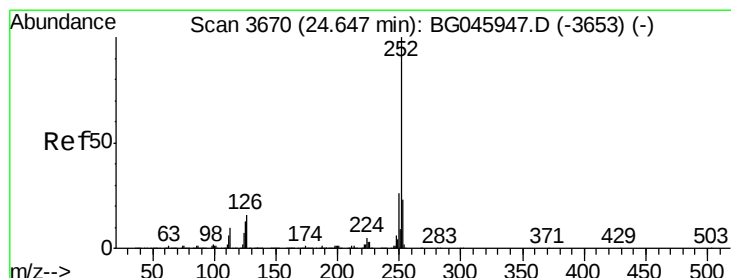
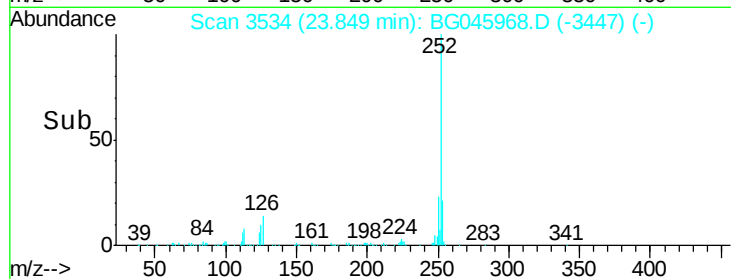
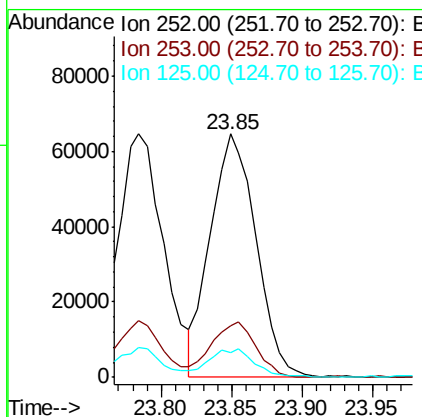
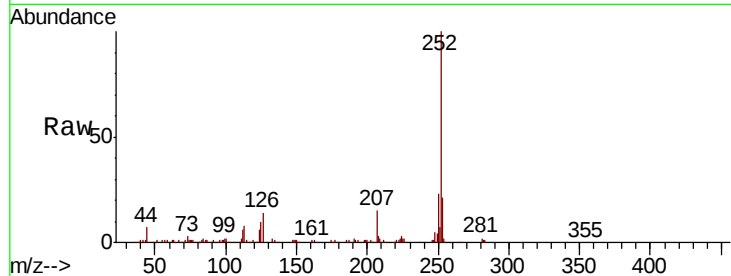
#89
Benzo(k)fluoranthene
Concen: 4.091 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.02 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.9	28.3
125	10.2	9.6	14.4

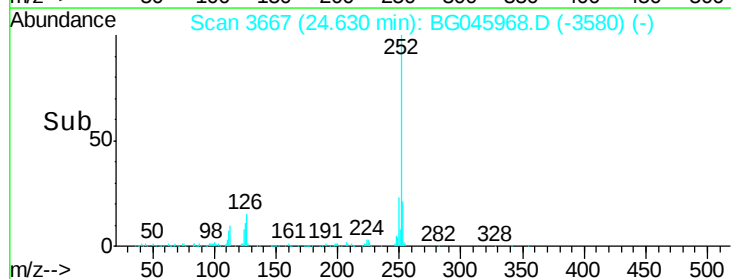
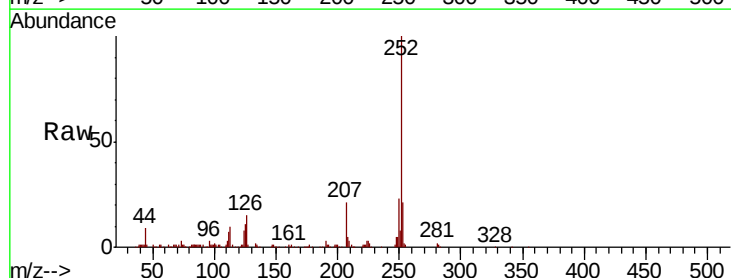
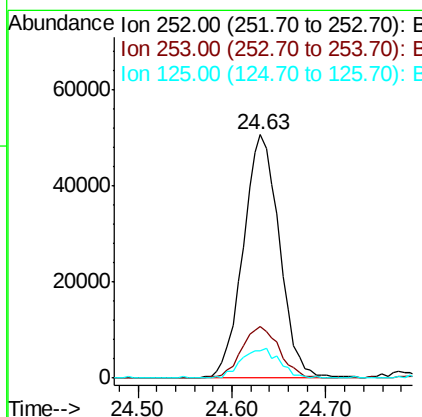
Manual Integrations
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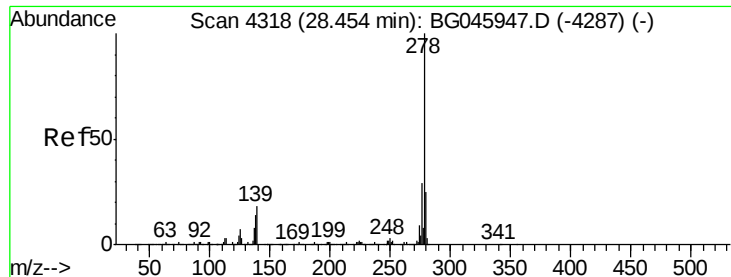
mohammad
7/9/2020 10:55:41 AM



#90
Benzo(a)pyrene
Concen: 3.841 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.6	28.0
125	11.2	10.5	15.7





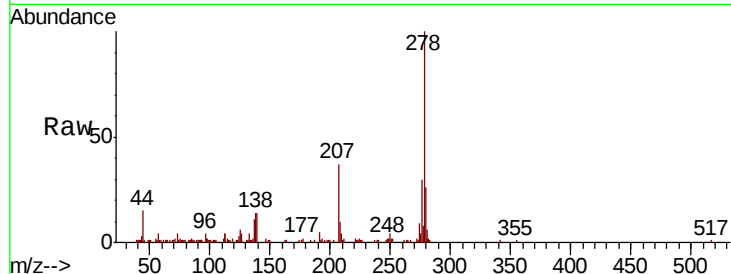
#91
Dibenzo(a,h)anthracene
Concen: 4.050 ng
RT: 28.42 min Scan# 4312
Delta R.T. -0.03 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	14.3	21.5#
279	25.8	19.8	29.6

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7/9/2020 10:55:41 AM

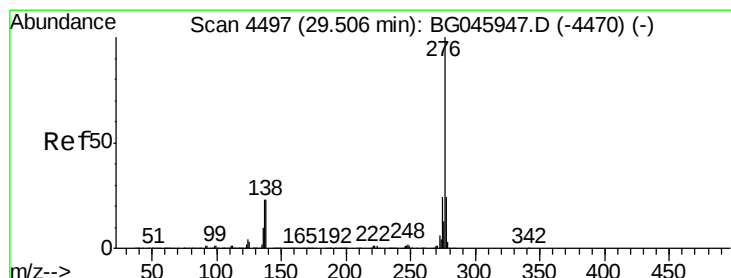
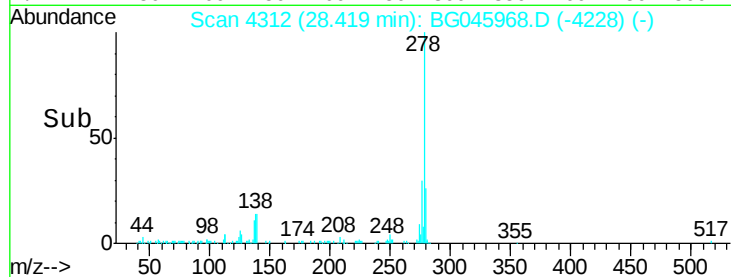
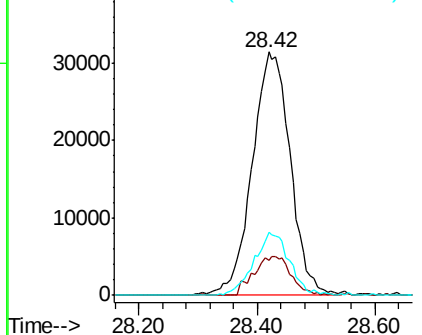


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 4.060 ng
RT: 29.45 min Scan# 4488
Delta R.T. -0.05 min
Lab File: BG045968.D
Acq: 7 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.4	29.0
138	21.0	18.6	28.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

