

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
 Data File : BG041790.D
 Acq On : 29 Jul 2019 15:46
 Operator : HP/JU
 Sample : K3591-07
 Misc : LOD-WATER-5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Manual Integrations
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 7/30/2019 4:52:29 PM

Quant Time: Jul 30 07:49:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 12:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	94695	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	398691	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	292612	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	655507	20.00	ng	0.00
76) Chrysene-d12	21.74	240	663122	20.00	ng	0.00
87) Perylene-d12	25.02	264	755436	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	619861	127.36	ng	0.00
7) Phenol-d6	7.20	99	813325	123.95	ng	0.00
23) Nitrobenzene-d5	9.22	82	504045	87.00	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	434693	130.79	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1395404	84.11	ng	0.00
79) Terphenyl-d14	20.07	244	2144137	73.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	12691	5.540	ng	91
3) Pyridine	3.89	79	25809	4.108	ng	86
4) n-Nitrosodimethylamine	3.80	42	10435	4.190	ng	# 98
6) Aniline	7.37	93	43660	4.725	ng	95
8) 2-Chlorophenol	7.61	128	27771	4.983	ng	93
9) Benzaldehyde	7.18	77	26045	5.641	ng	# 84
10) Phenol	7.22	94	34578	5.065	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	26615	4.743	ng	90
12) 1,3-Dichlorobenzene	7.94	146	34991	4.810	ng	95
13) 1,4-Dichlorobenzene	8.09	146	36137	4.965	ng	96
14) 1,2-Dichlorobenzene	8.41	146	33911	4.883	ng	95
15) Benzyl Alcohol	8.28	79	24132	4.675	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	45427	4.550	ng	94
17) 2-Methylphenol	8.49	107	23441	4.722	ng	93
18) Hexachloroethane	9.15	117	12516	5.022	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	22081	4.635	ng	# 95
20) 3+4-Methylphenols	8.82	107	32852	4.836	ng	97
22) Acetophenone	8.88	105	46155	5.176	ng	# 92
24) Nitrobenzene	9.26	77	32355	5.301	ng	94
25) Isophorone	9.79	82	63929	5.073	ng	99
26) 2-Nitrophenol	9.98	139	13778	4.864	ng	# 82
27) 2,4-Dimethylphenol	10.03	122	26925	5.385	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	39553	5.022	ng	98
29) 2,4-Dichlorophenol	10.51	162	28639	4.704	ng	86
30) 1,2,4-Trichlorobenzene	10.74	180	36812	4.768	ng	97
31) Naphthalene	10.93	128	96866	5.309	ng	95
32) Benzoic acid	10.12	122	1976m	9.181	ng	
33) 4-Chloroaniline	11.03	127	41088	4.748	ng	96
34) Hexachlorobutadiene	11.22	225	24279	4.659	ng	99
35) Caprolactam	11.77	113	9488	4.484	ng	# 81
36) 4-Chloro-3-methylphenol	12.14	107	29081	4.818	ng	93
37) 2-Methylnaphthalene	12.54	142	76125	5.271	ng	98
38) 1-Methylnaphthalene	12.75	142	71284m	5.208	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	46724	5.044	ng	# 97

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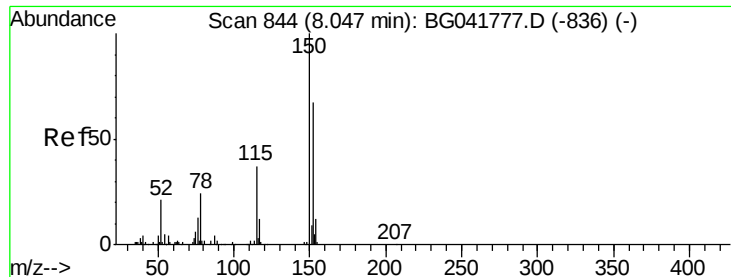
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	24594	4.723	ng	99
43) 2,4,6-Trichlorophenol	13.13	196	25588	4.371	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	29011	4.769	ng	93
46) 1,1'-Biphenyl	13.54	154	100970	5.368	ng	96
47) 2-Chloronaphthalene	13.58	162	79652	4.974	ng	93
48) 2-Nitroaniline	13.77	65	17112	4.213	ng	98
49) Acenaphthylene	14.43	152	128784	5.376	ng	94
50) Dimethylphthalate	14.15	163	105399	5.274	ng	97
51) 2,6-Dinitrotoluene	14.26	165	21279	5.092	ng	94
52) Acenaphthene	14.77	154	75737	4.861	ng	94
53) 3-Nitroaniline	14.59	138	20077	4.491	ng	95
54) 2,4-Dinitrophenol	14.81	184	4561	5.753	ng	# 71
55) Dibenzofuran	15.10	168	132354	5.554	ng	91
56) 4-Nitrophenol	14.89	139	14004	4.127	ng	93
57) 2,4-Dinitrotoluene	15.05	165	26083	4.539	ng	95
58) Fluorene	15.75	166	106590	5.573	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	27809	4.615	ng	# 94
60) Diethylphthalate	15.52	149	103529	5.277	ng	96
61) 4-Chlorophenyl-phenylether	15.74	204	58923	5.047	ng	95
62) 4-Nitroaniline	15.76	138	22010	4.545	ng	93
63) Azobenzene	16.04	77	85305	5.323	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	11021	9.797	ng	86
66) n-Nitrosodiphenylamine	15.96	169	94649	5.301	ng	96
67) 4-Bromophenyl-phenylether	16.64	248	38166	4.727	ng	97
68) Hexachlorobenzene	16.76	284	40658	4.813	ng	93
69) Atrazine	16.90	200	34660	4.940	ng	98
70) Pentachlorophenol	17.10	266	18219	3.797	ng	93
71) Phenanthrene	17.49	178	176030	5.602	ng	92
72) Anthracene	17.59	178	177549	5.666	ng	91
73) Carbazole	17.85	167	151225	5.377	ng	91
74) Di-n-butylphthalate	18.42	149	169869	5.327	ng	# 92
75) Fluoranthene	19.50	202	219114	5.737	ng	89
77) Benzidine	19.68	184	101176	4.674	ng	96
78) Pyrene	19.87	202	226428	5.763	ng	# 87
80) Butylbenzylphthalate	20.76	149	68275	4.532	ng	88
81) Benzo(a)anthracene	21.72	228	210346	5.361	ng	91
82) 3,3'-Dichlorobenzidine	21.63	252	82660	5.248	ng	98
83) Chrysene	21.78	228	209048	5.559	ng	# 86
84) Bis(2-ethylhexyl)phthalate	21.64	149	103592	4.985	ng	93
85) Di-n-octyl phthalate	22.88	149	172771	4.941	ng	# 91
86) Indeno(1,2,3-cd)pyrene	28.74	276	238371	4.788	ng	# 84
88) Benzo(b)fluoranthene	23.97	252	212860	5.151	ng	# 93
89) Benzo(k)fluoranthene	24.04	252	212588	5.281	ng	# 92
90) Benzo(a)pyrene	24.85	252	207477	5.235	ng	# 93
91) Dibenzo(a,h)anthracene	28.82	278	196874	5.059	ng	# 96
92) Benzo(g,h,i)perylene	29.91	276	195641	5.032	ng	# 92

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



#1

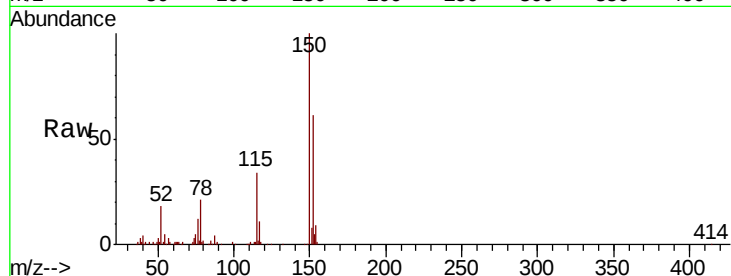
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.1	126.9	190.3
115	56.0	45.0	67.6

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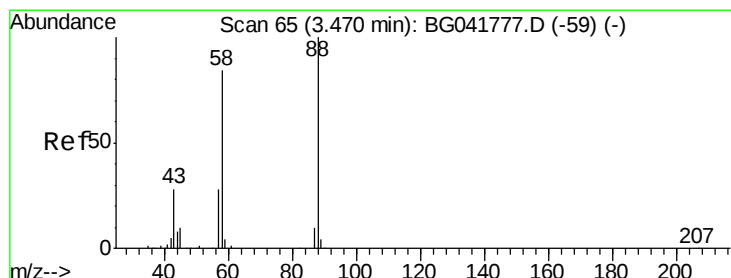
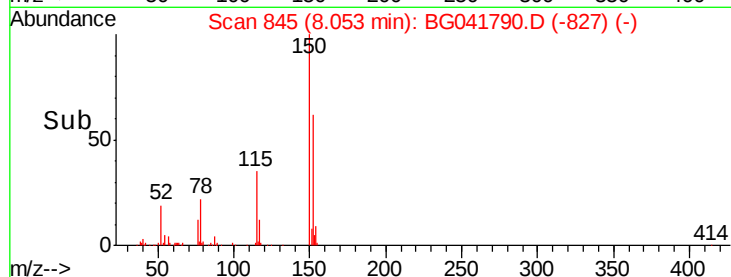
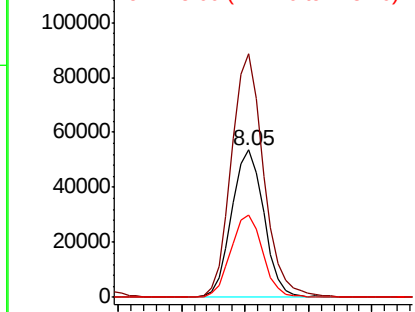


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

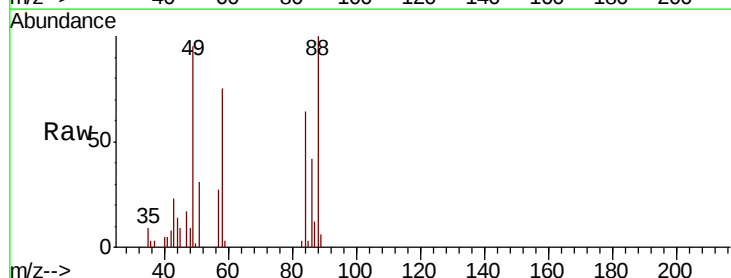
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 5.540 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	76.2	114.2
43	30.5	27.2	40.8

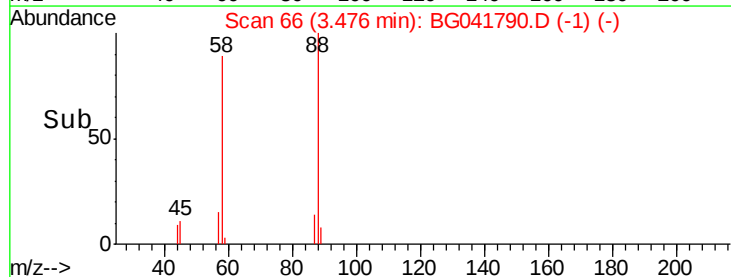
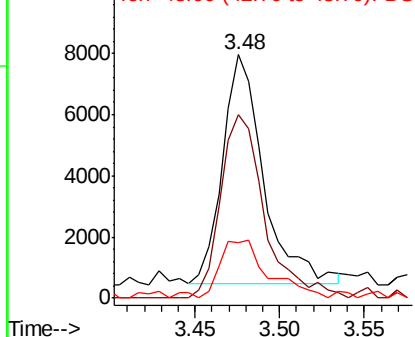


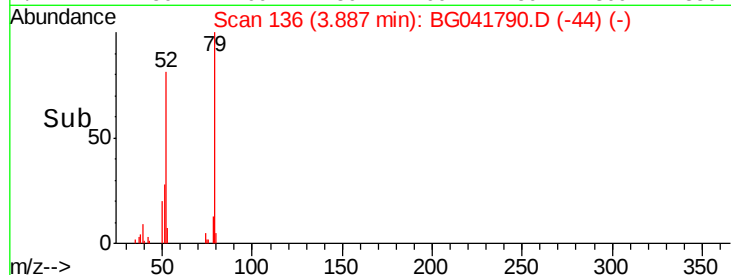
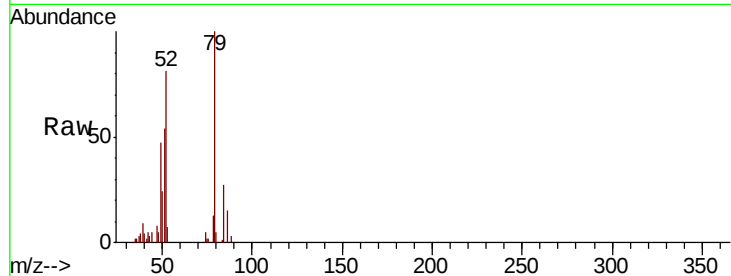
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





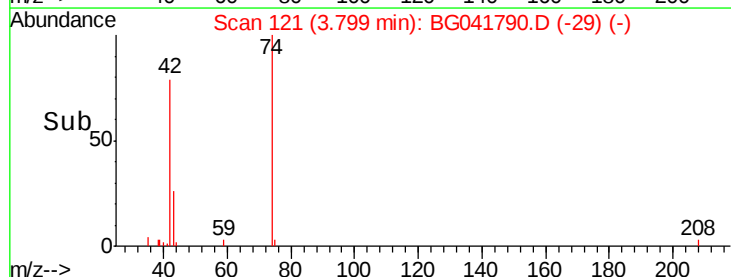
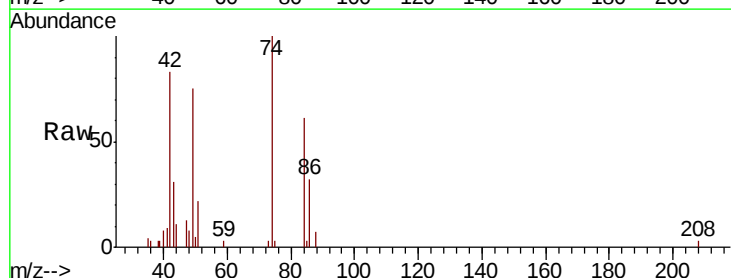
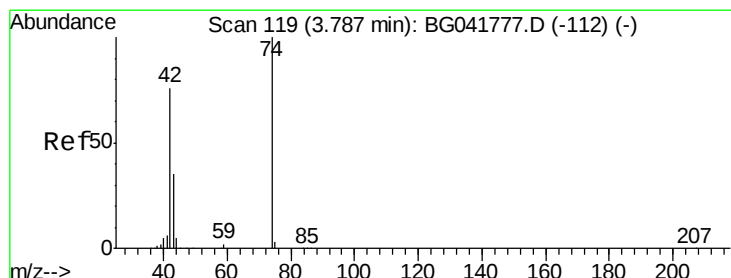
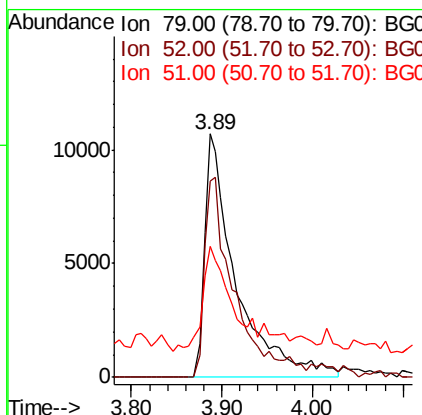
#3
 Pvridine
 Concen: 4.108 ng
 RT: 3.89 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.6	77.1	115.7
51	53.7	37.8	56.8

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

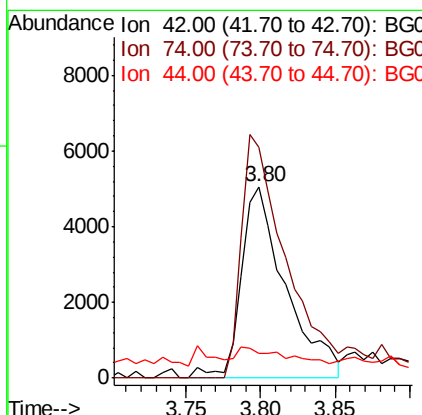
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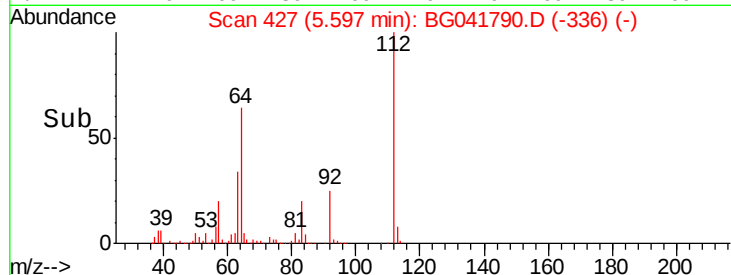
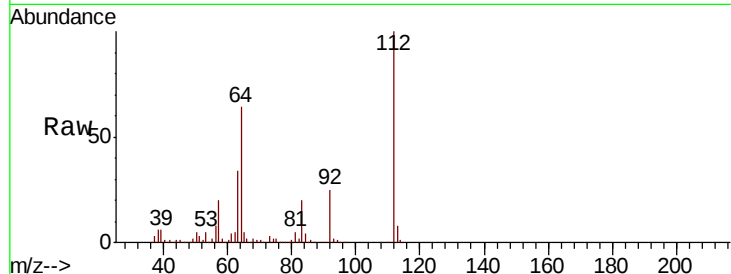
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#4
 n-Nitrosodimethylamine
 Concen: 4.190 ng
 RT: 3.80 min Scan# 121
 Delta R.T. 0.01 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.7	97.4	146.2
44	12.7	6.6	9.8#





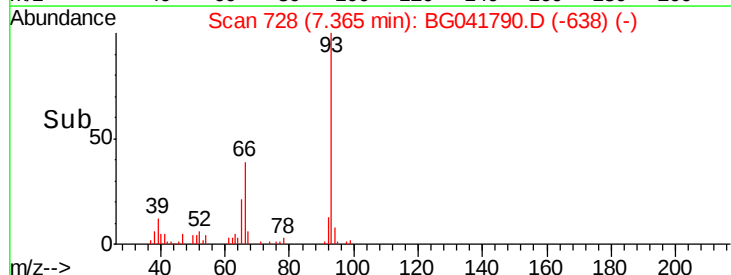
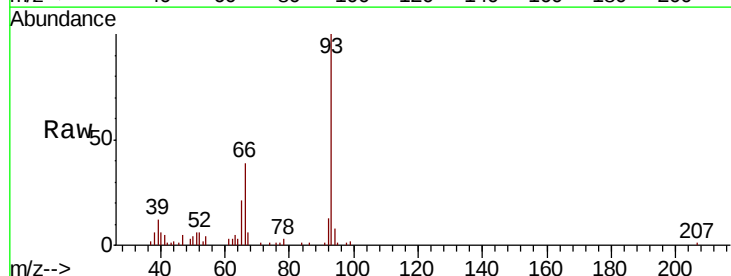
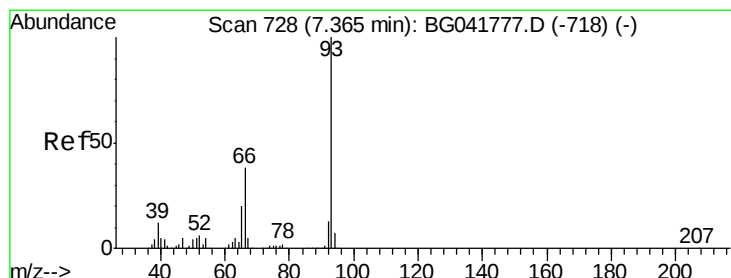
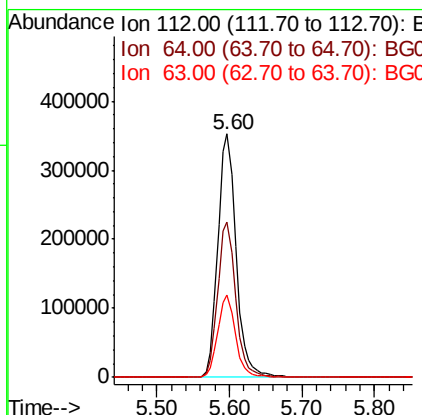
#5
2-Fluorophenol
Concen: 127.358 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tot Ion	Ratio	Resp	Lower	Upper
112	100	619861		
64	63.7	55.4	83.2	
63	33.7	29.1	43.7	

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

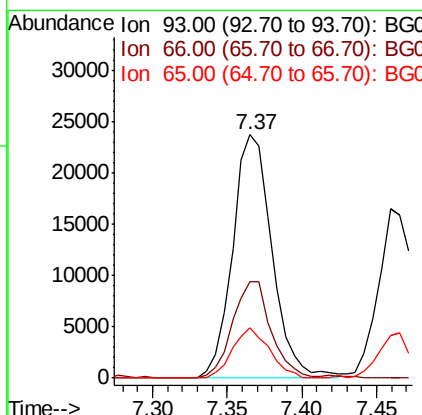
Manual Integrations
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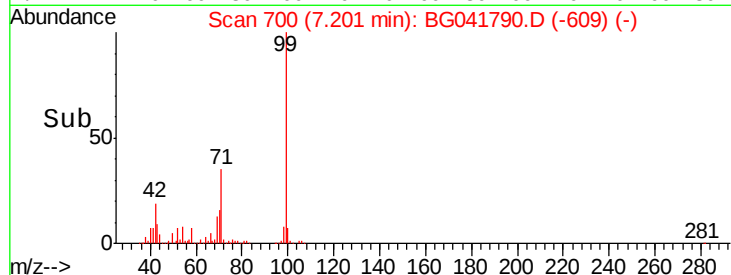
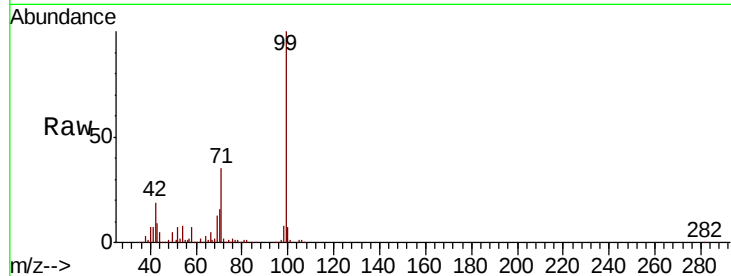
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#6
Aniline
Concen: 4.725 ng
RT: 7.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	43660		
66	39.5	34.2	51.2	
65	20.8	18.2	27.2	





#7

Phenol-d6

Concen: 123.952 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Tot Ion:	99	Resp:	813325
Ion Ratio	Lower	Upper	
99	100		
42	18.7	17.6	26.4
71	34.7	27.8	41.6

Instrument :

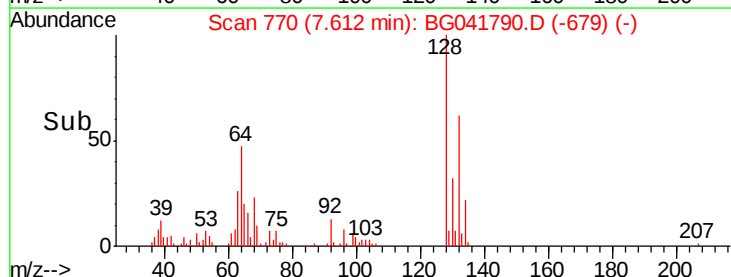
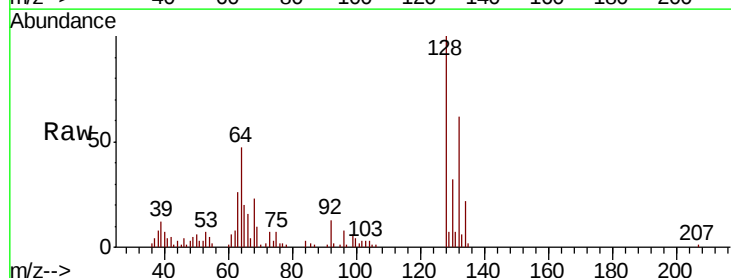
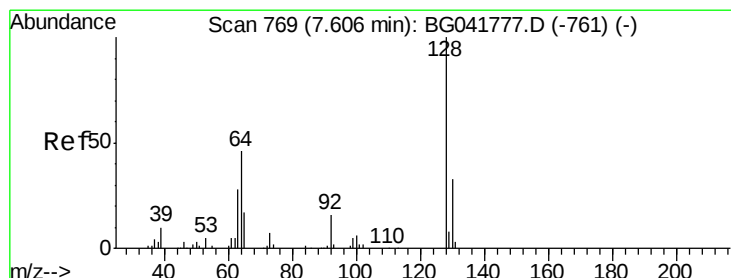
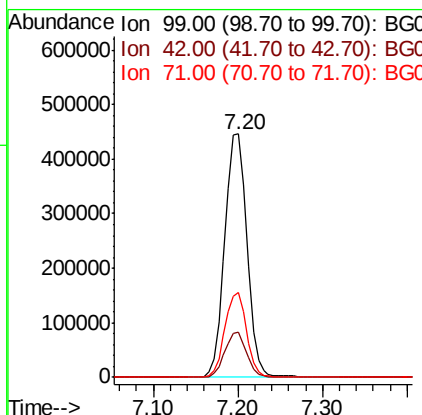
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 4.983 ng

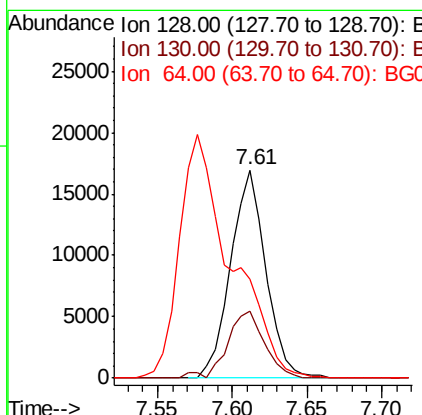
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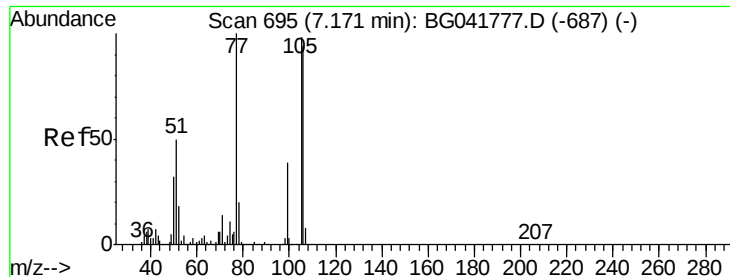
Delta R.T. 0.01 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Tgt Ion:	128	Resp:	27771
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.4	52.4
64	47.4	34.9	74.9





#9

Benzaldehyde

Concen: 5.641 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

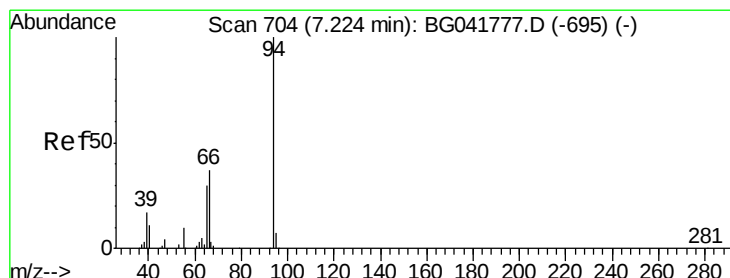
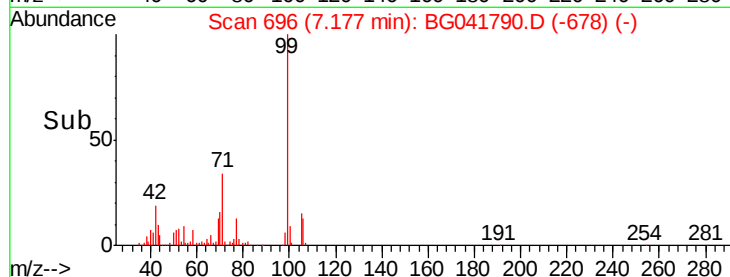
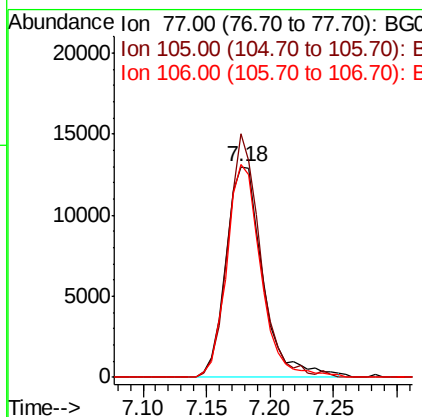
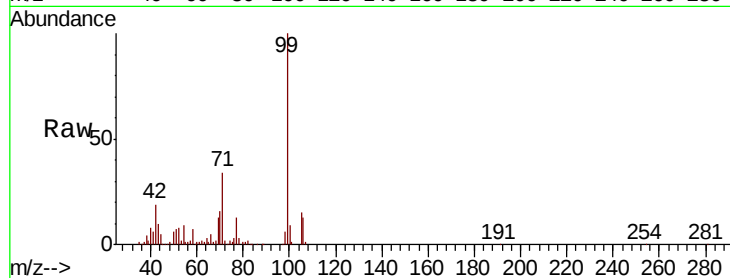
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
77	100		
105	115.6	74.6	114.6#
106	101.0	71.1	111.1

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#10

Phenol

Concen: 5.065 ng

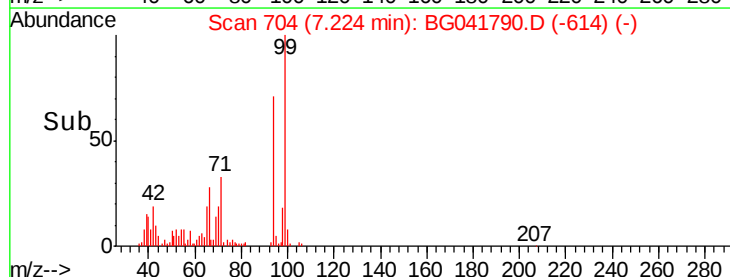
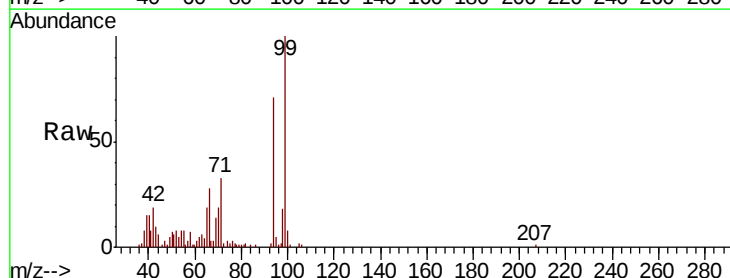
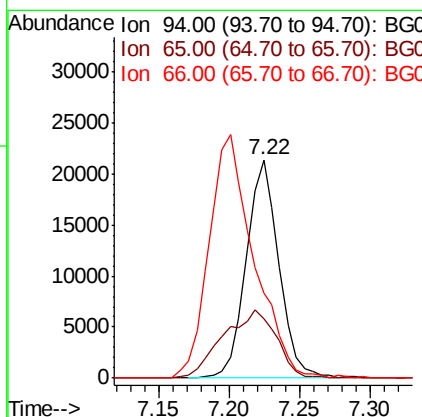
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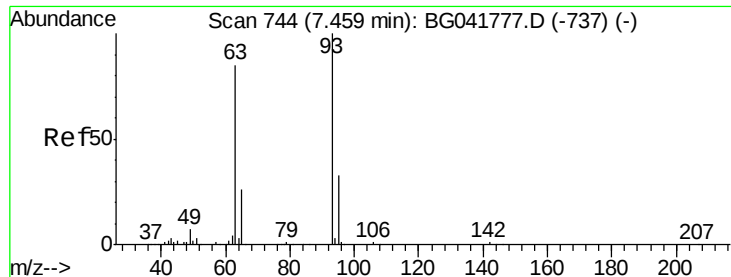
Delta R.T. 0.00 min

Lab File: BG041790.D

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.1	10.6	50.6
66	39.2	18.2	58.2





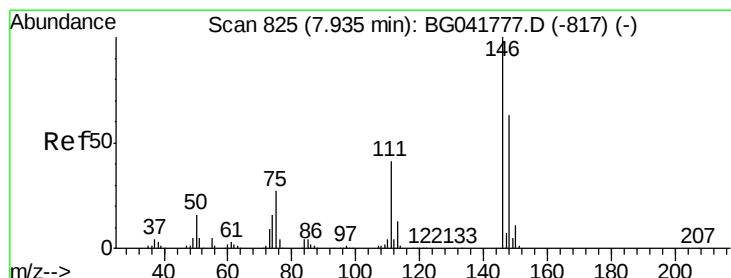
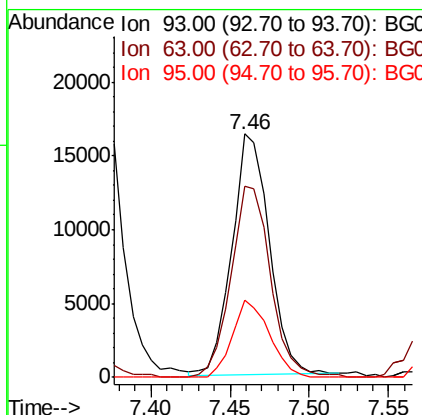
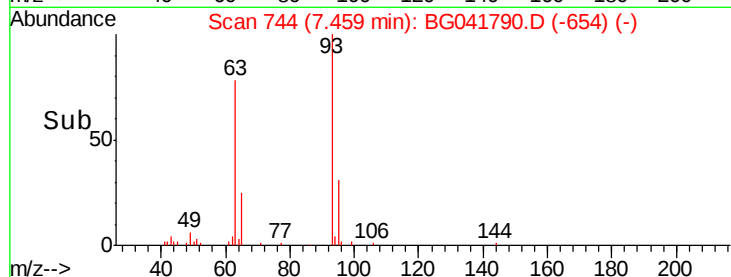
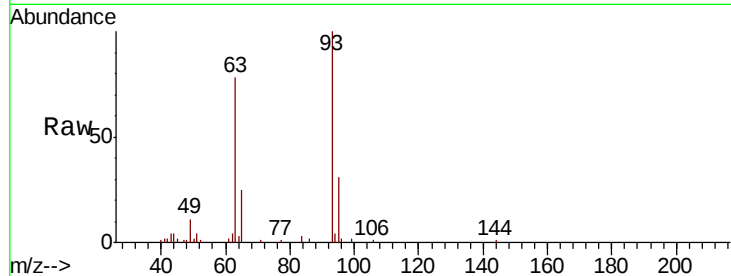
#11
bis(2-Chloroethyl)ether
Concen: 4.743 ng
RT: 7.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	93	Resp:	26615
Ion	Ratio	Lower	Upper
93	100		
63	78.3	70.4	110.4
95	31.5	12.8	52.8

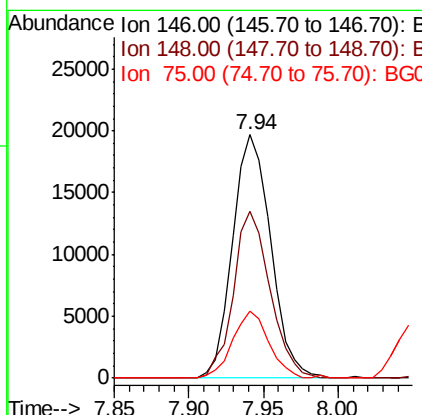
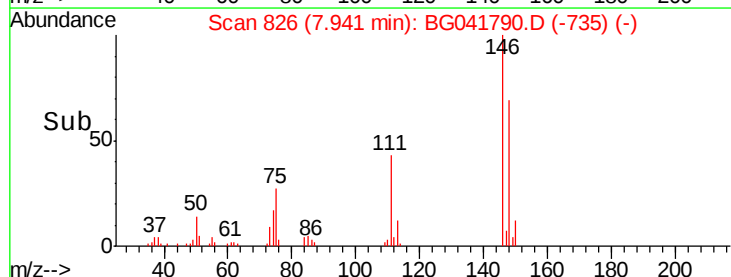
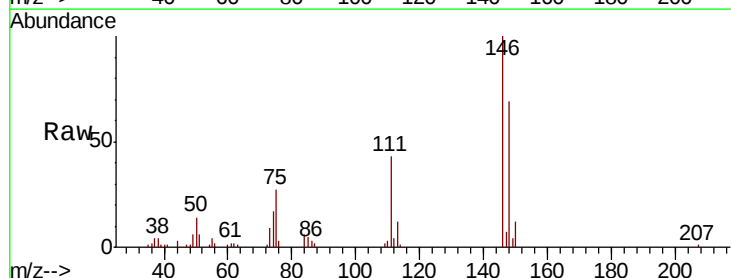
Manual Integrations
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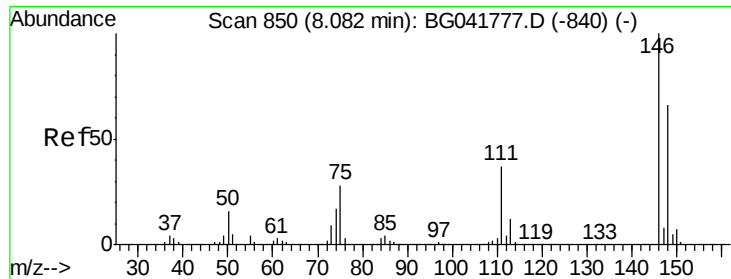
mohammad
7/30/2019 4:52:29 PM



#12
1,3-Dichlorobenzene
Concen: 4.810 ng
RT: 7.94 min Scan# 826
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion:	146	Resp:	34991
Ion	Ratio	Lower	Upper
146	100		
148	68.8	51.5	77.3
75	27.5	23.2	34.8





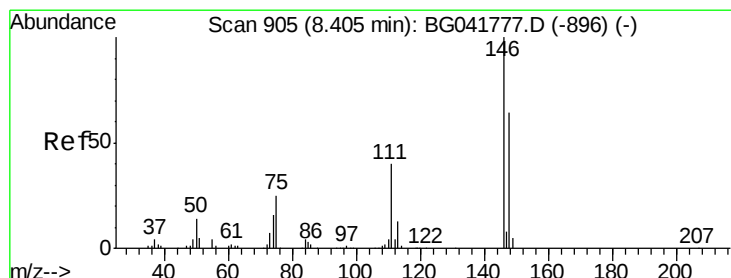
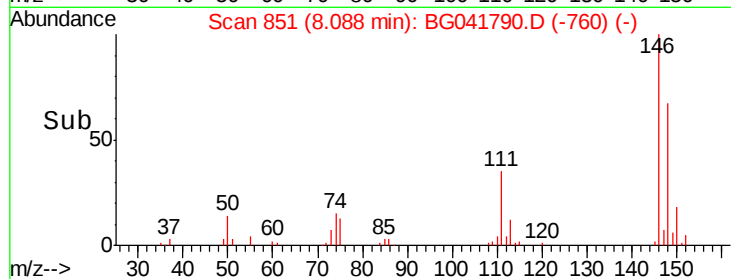
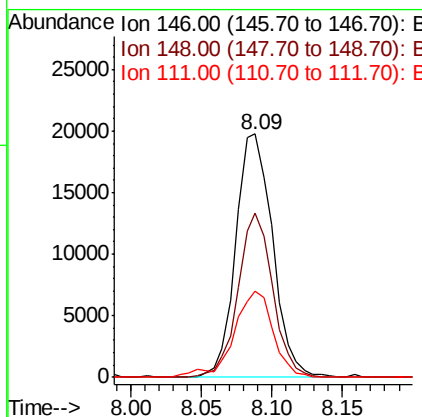
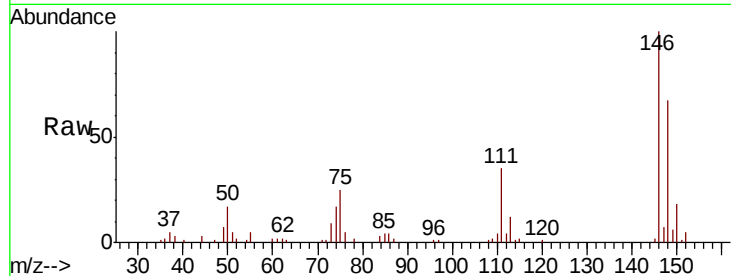
#13
 1,4-Dichlorobenzene
 Concen: 4.965 ng
 RT: 8.09 min Scan# 851
 Delta R.T. 0.01 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	52.6	79.0
111	35.3	32.5	48.7

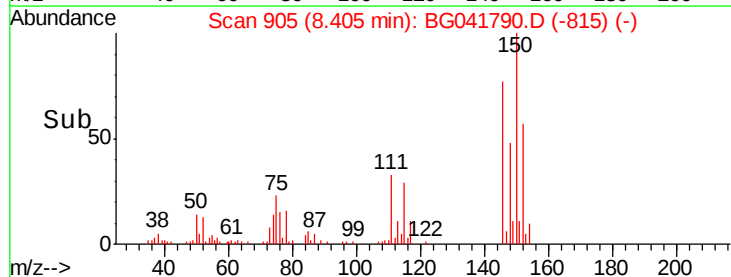
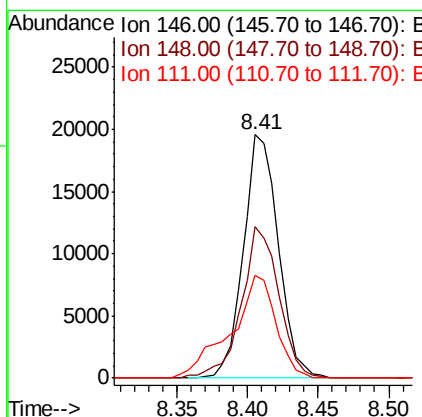
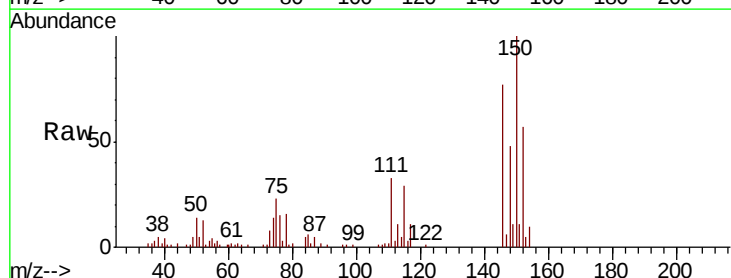
Manual Integrations
 APPROVED

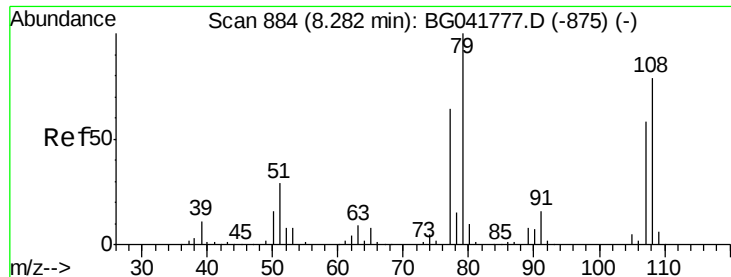
mohammad
 7/30/2019 4:52:29 PM



#14
 1,2-Dichlorobenzene
 Concen: 4.883 ng
 RT: 8.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	53.5	80.3
111	42.4	35.4	53.0





#15

Benzyl Alcohol

Concen: 4.675 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

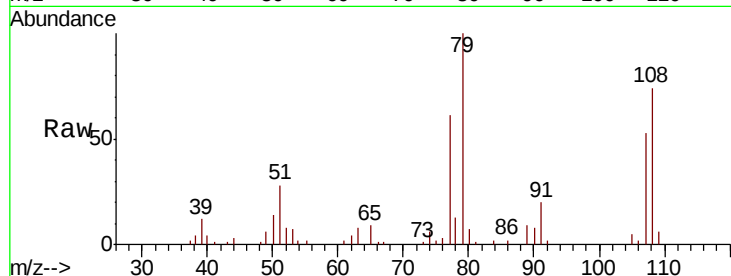
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

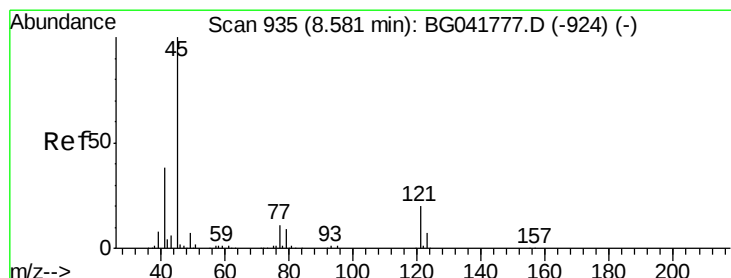
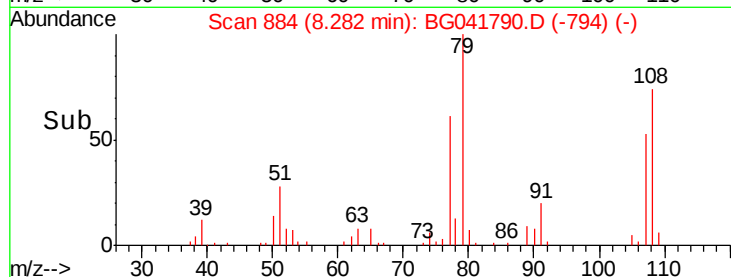
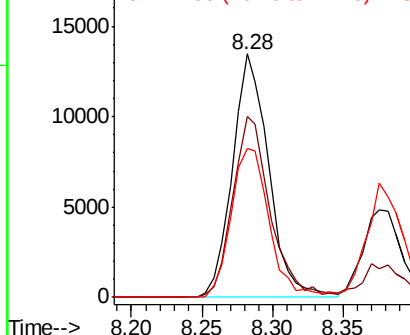
Tot Ion:	79	Resp:	24132
Ion Ratio	Lower	Upper	
79	100		
108	74.4	60.5	90.7
77	61.2	50.6	75.8

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.550 ng

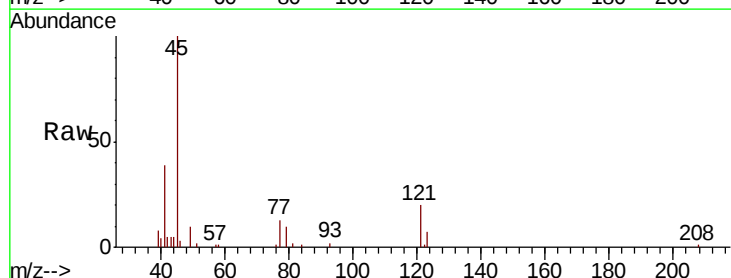
RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

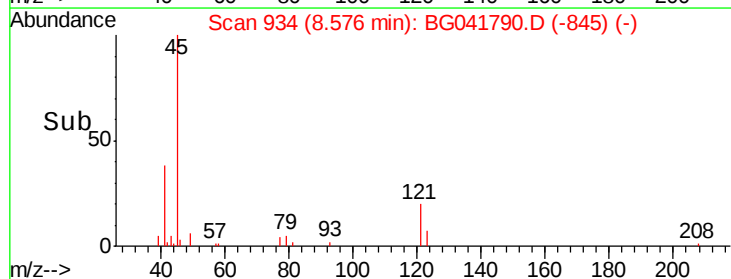
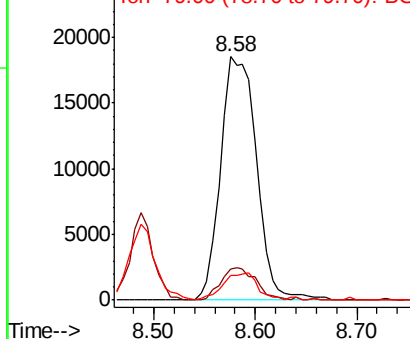
Lab File: BG041790.D

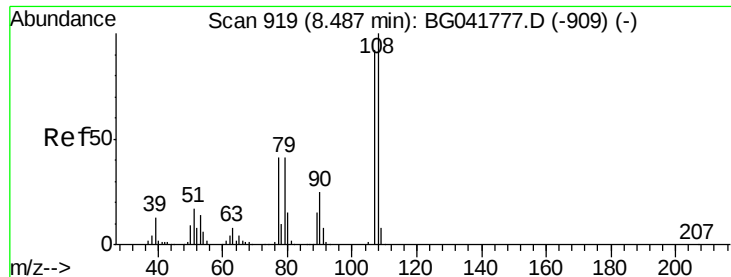
Acq: 29 Jul 2019 15:46

Tgt Ion:	45	Resp:	45427
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	30.4
79	10.0	0.0	27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





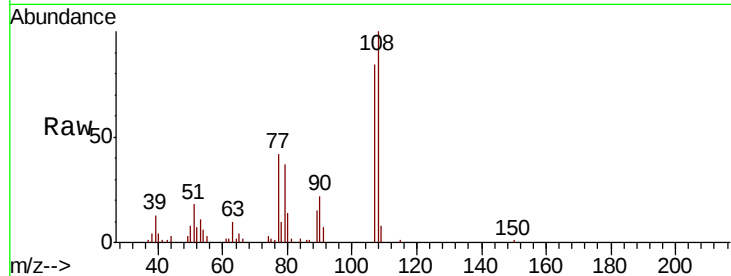
#17
2-Methylphenol
Concen: 4.722 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	118.4	87.6	131.4	
77	50.3	36.1	54.1	
79	43.3	36.4	54.6	

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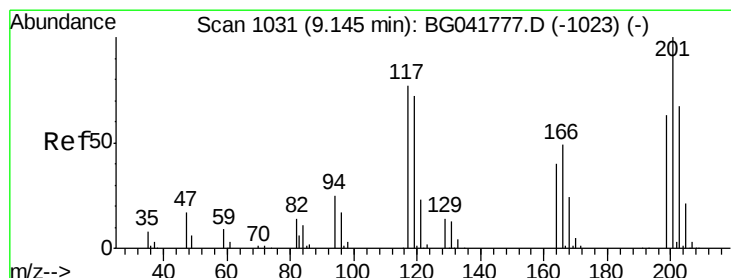
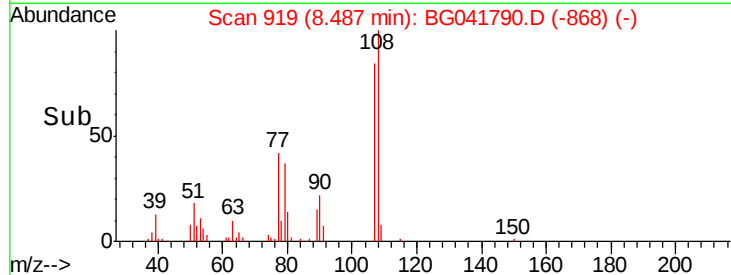
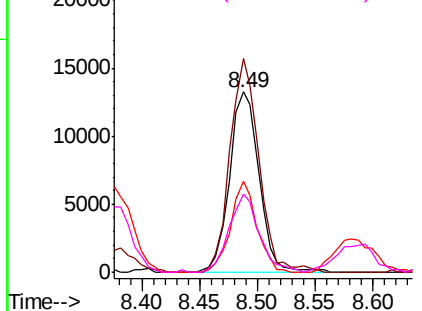
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

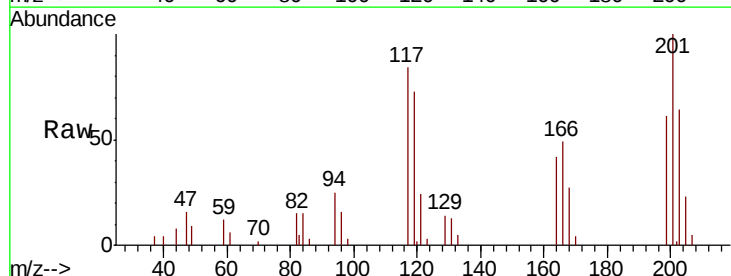
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 5.022 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.6	76.2	114.2	
201	122.6	94.1	141.1	

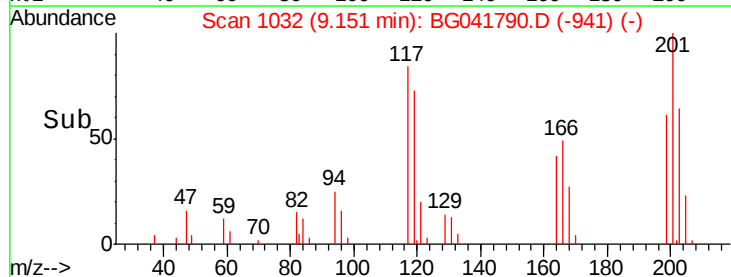
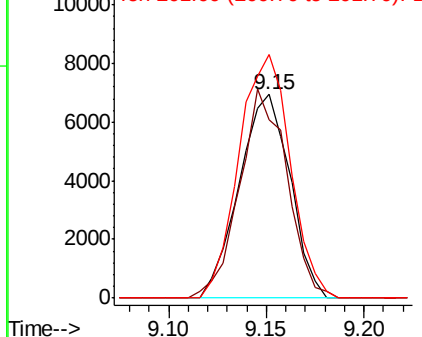


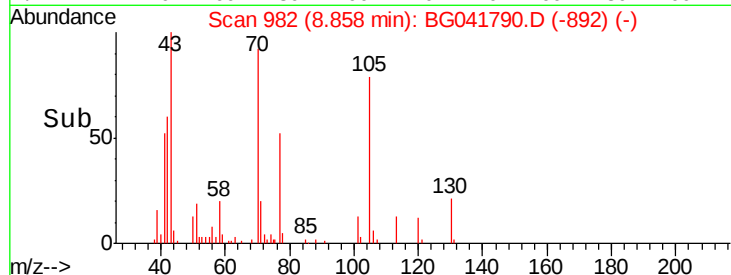
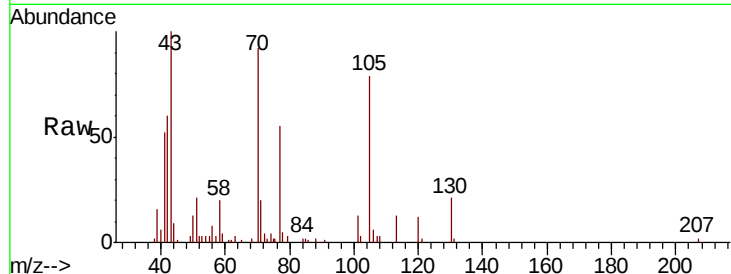
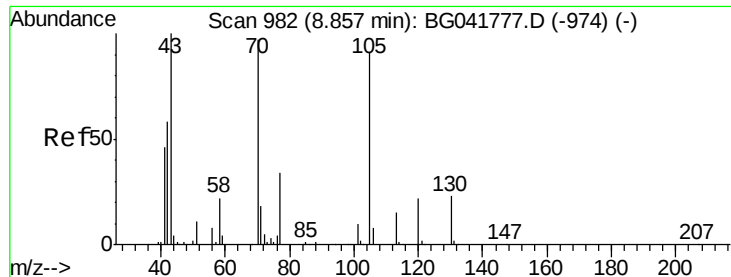
Abundance

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





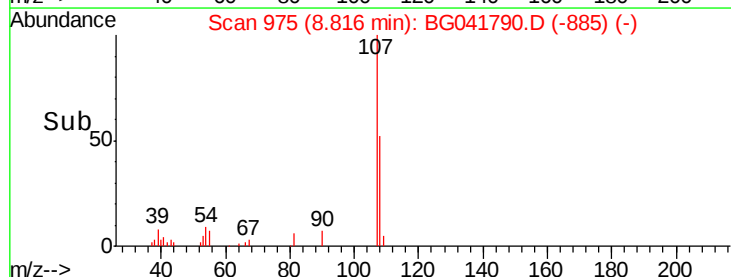
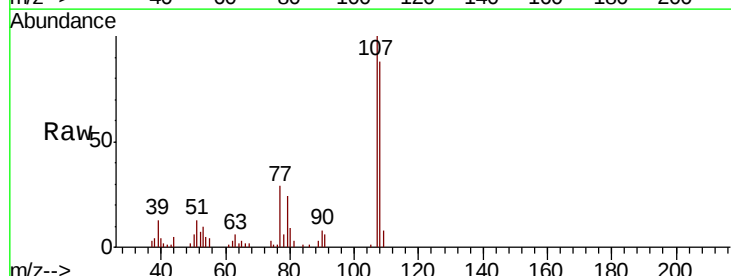
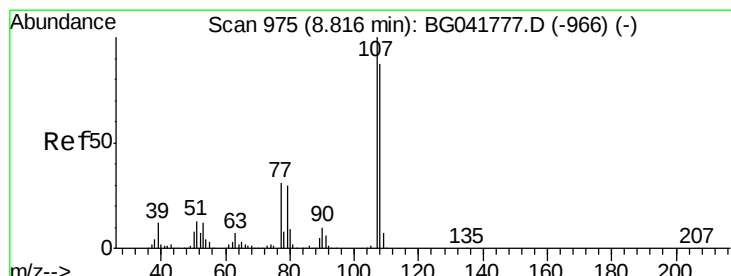
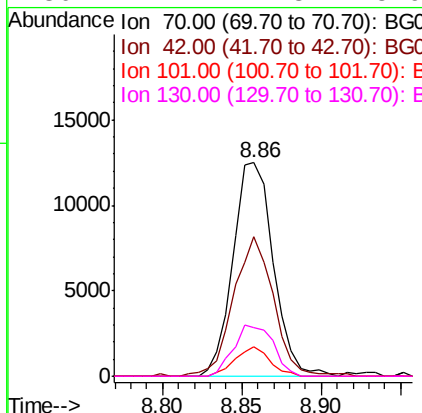
#19
n-Nitroso-di-n-propylamine
Concen: 4.635 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.3	55.8	83.6	
101	14.1	8.1	12.1	
130	22.7	17.3	25.9	

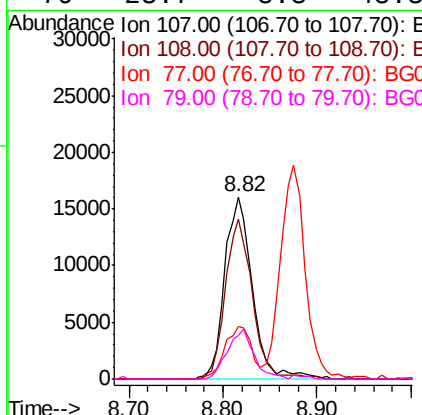
Manual Integrations
APPROVED

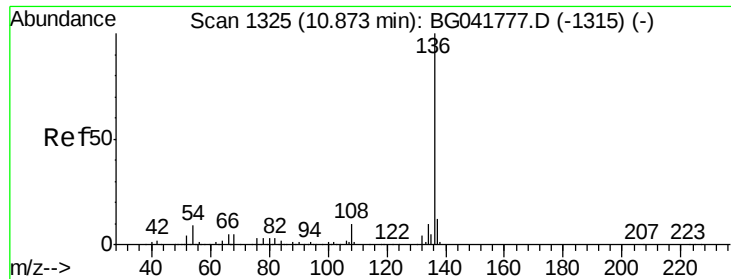
mohammad
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#20
3+4-Methylphenols
Concen: 4.836 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	67.5	107.5	
77	29.1	12.3	52.3	
79	23.7	8.3	48.3	





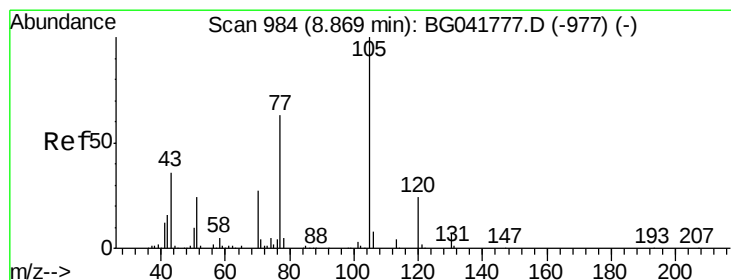
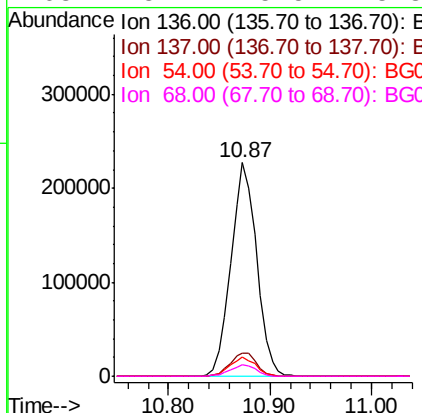
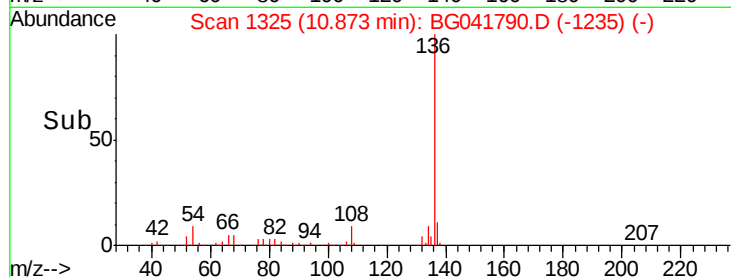
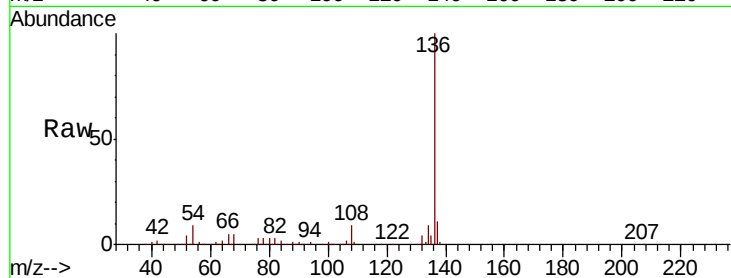
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	398691		
137	10.9	9.2	13.8	
54	8.8	8.7	13.1	
68	5.2	5.5	8.3#	

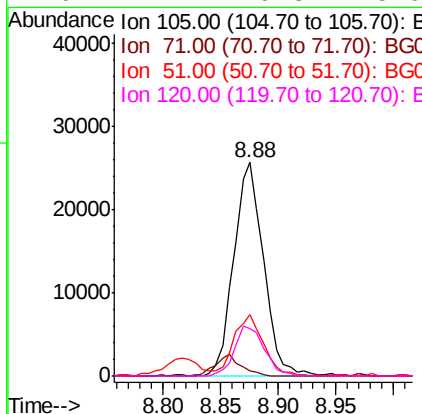
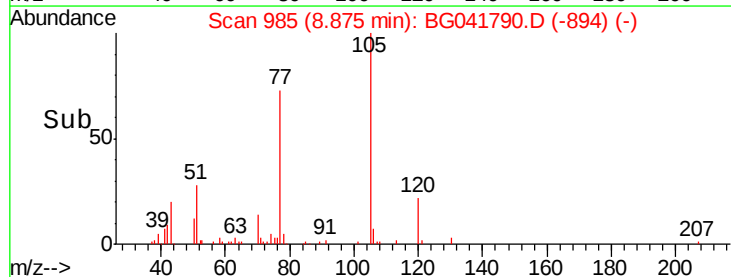
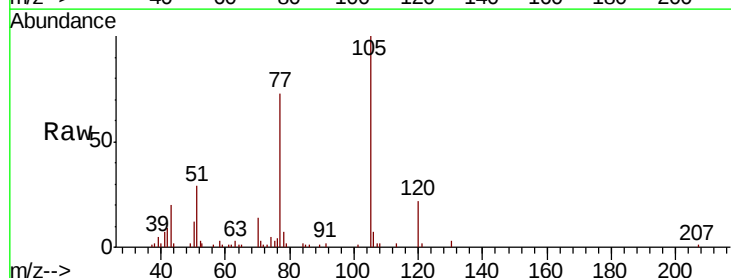
Manual Integrations
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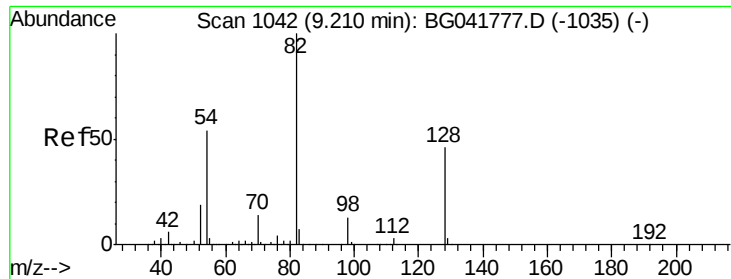
mohammad
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#22
Acetophenone
Concen: 5.176 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	46155		
71	2.7	5.9	8.9#	
51	28.9	27.7	41.5	
120	22.1	19.3	28.9	





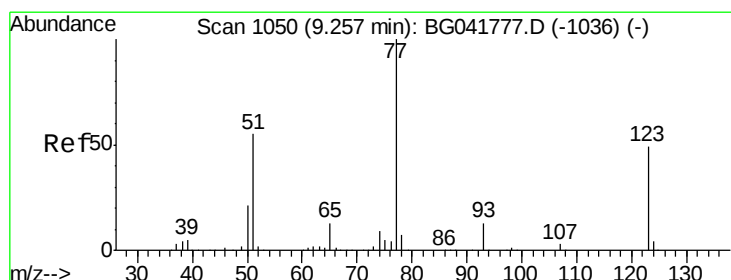
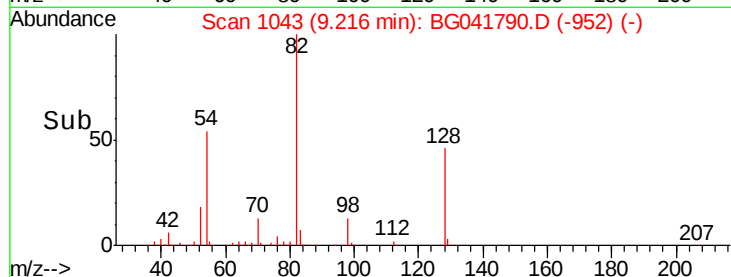
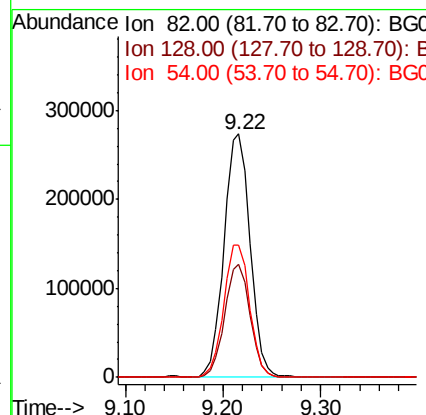
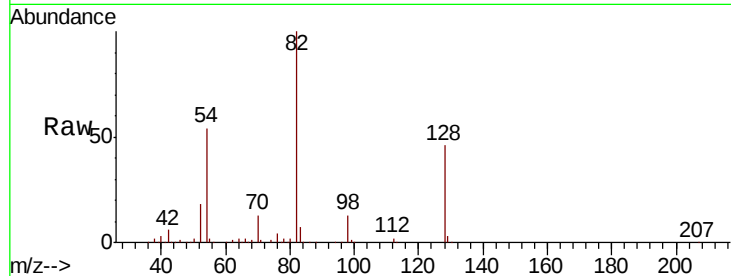
#23
Nitrobenzene-d5
Concen: 87.001 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.1	52.7
54	54.5	48.7	73.1

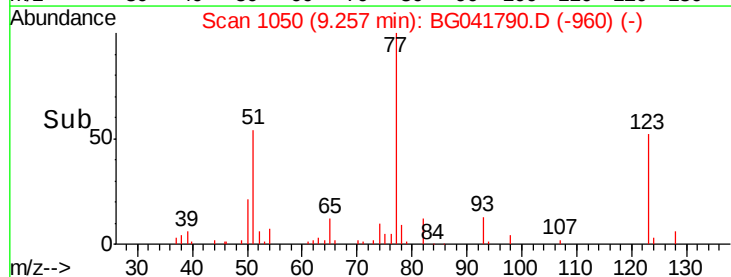
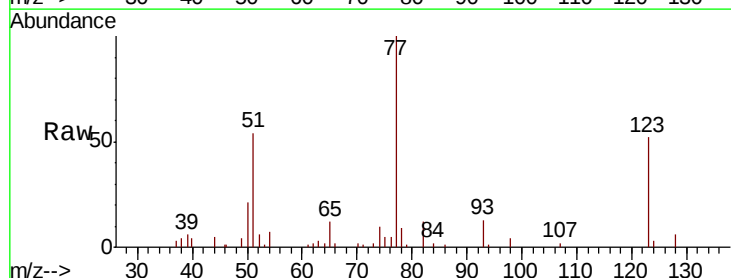
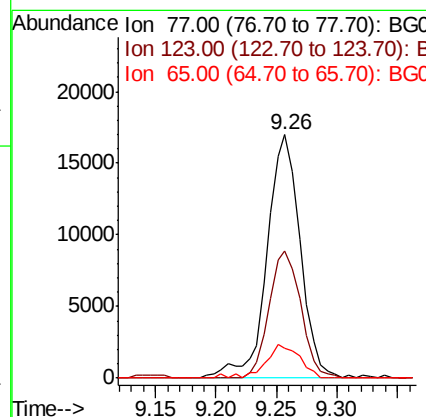
Manual Integrations
APPROVED

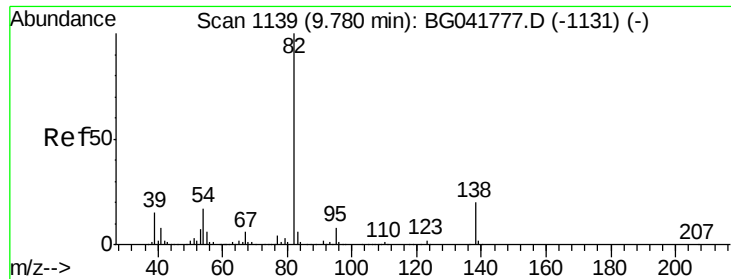
mohammad
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#24
Nitrobenzene
Concen: 5.301 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.2	38.1	57.1
65	12.4	11.0	16.6





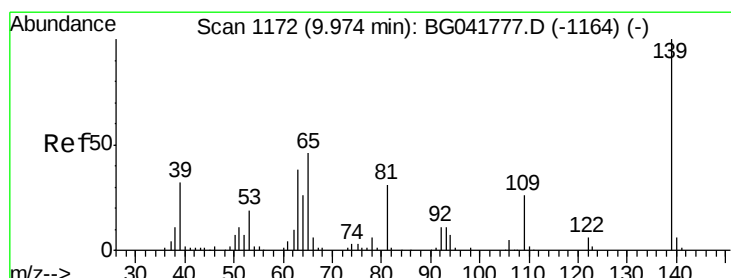
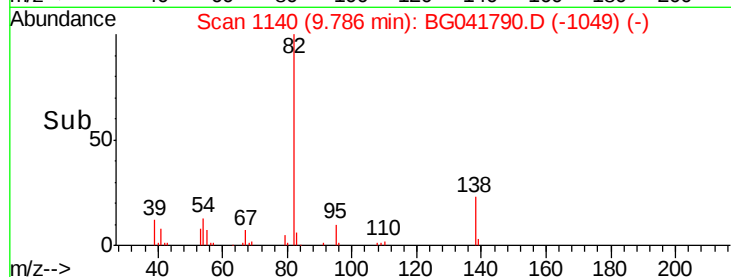
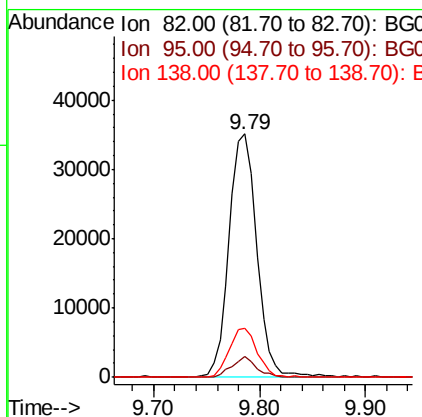
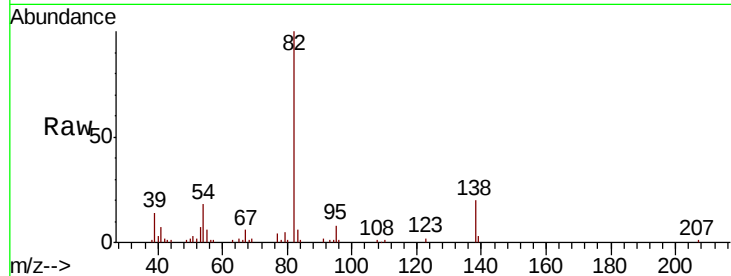
#25
Isophorone
Concen: 5.073 ng
RT: 9.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	82	Resp	63929
Ion Ratio	100	Lower	Upper
82	100		
95	8.4	5.9	8.9
138	20.0	16.3	24.5

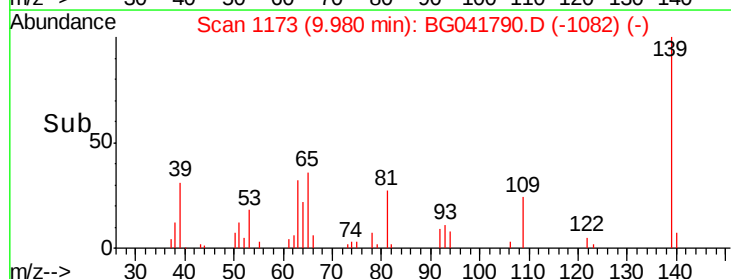
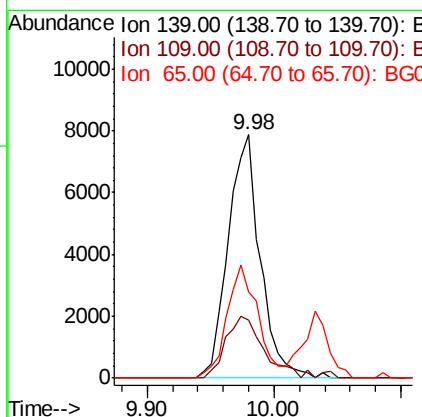
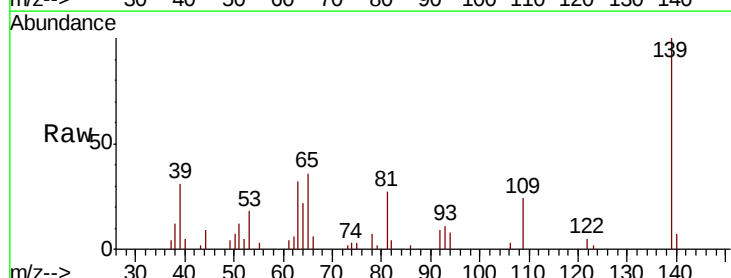
Manual Integrations
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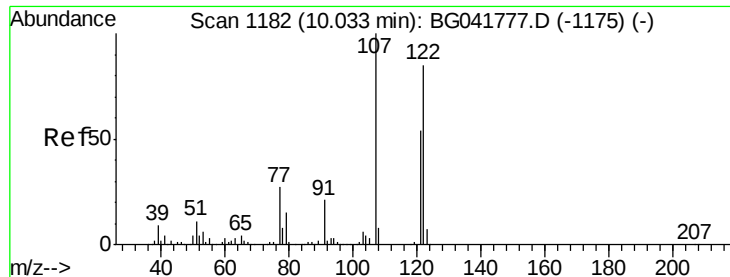
mohammad
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#26
2-Nitrophenol
Concen: 4.864 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	139	Resp	13778
Ion Ratio	100	Lower	Upper
139	100		
109	23.9	22.7	34.1
65	35.6	41.1	61.7





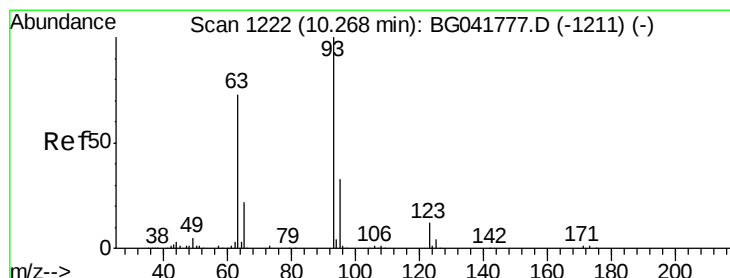
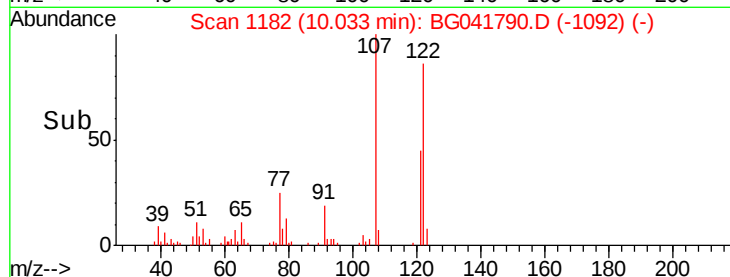
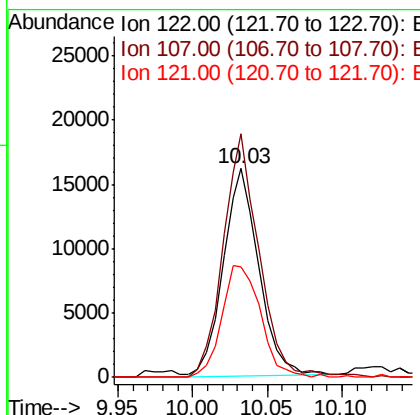
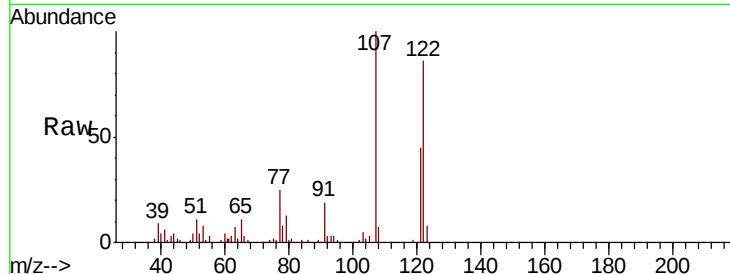
#27
2,4-Dimethylphenol
Concen: 5.385 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	116.5	91.3	136.9		
121	52.6	49.2	73.8		

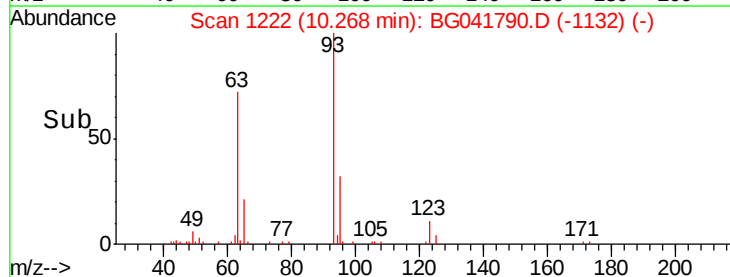
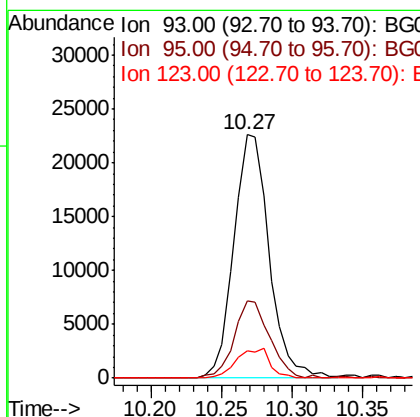
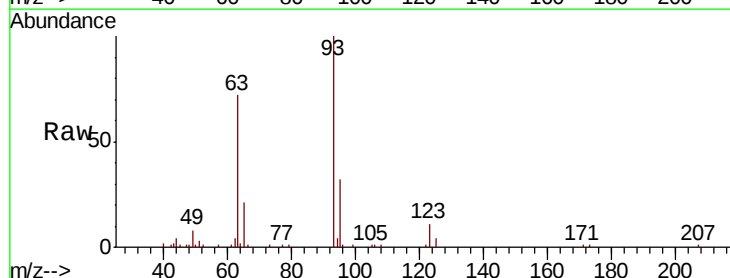
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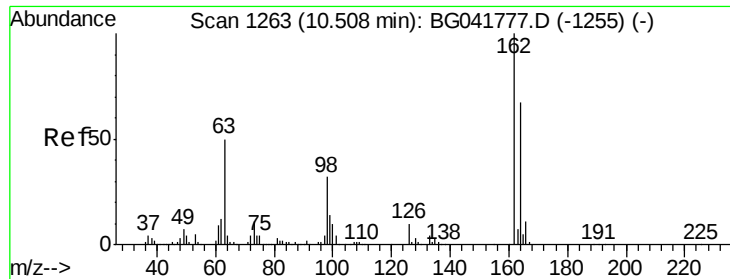
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 5.022 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.8	26.2	39.4		
123	11.4	9.9	14.9		





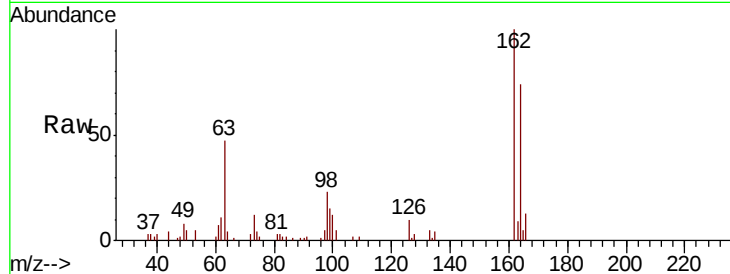
#29
 2,4-Dichlorophenol
 Concen: 4.704 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100	28639		
164	74.1		46.1	86.1
98	23.0		14.7	54.7

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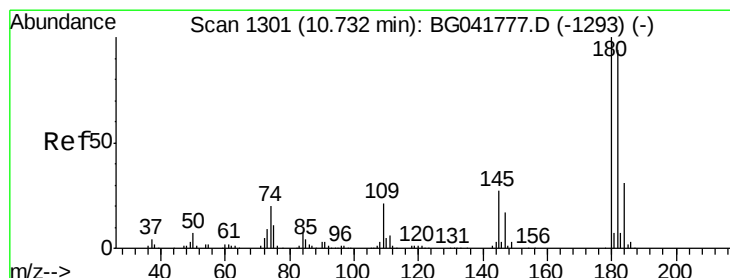
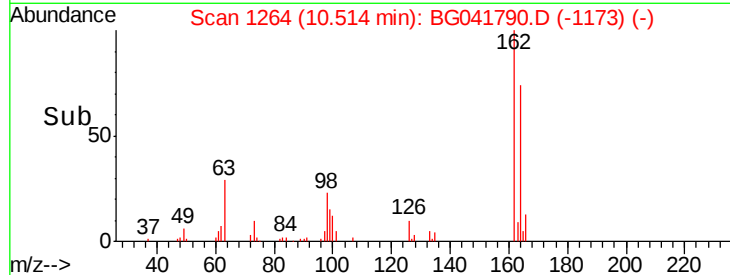
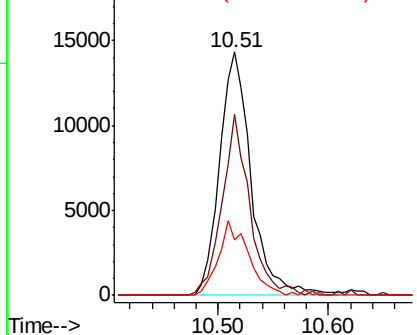


Abundance

Ion 162.00 (161.70 to 162.70): E

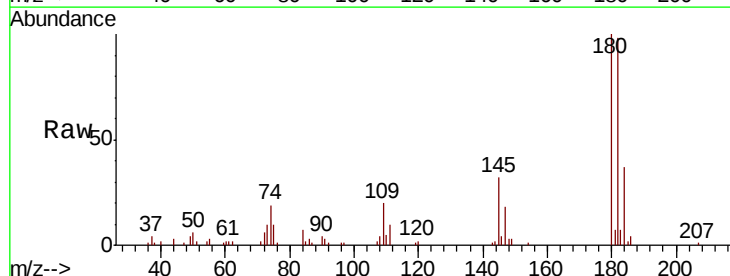
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 4.768 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	36812		
182	97.8		76.2	114.2
145	32.0		23.8	35.8

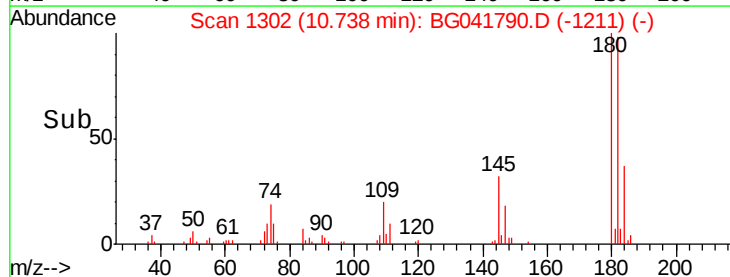
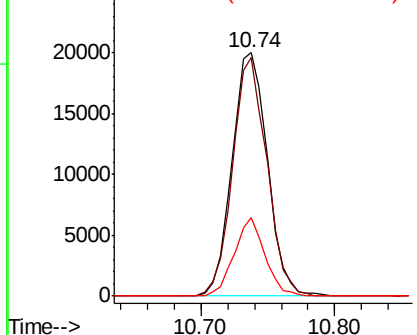


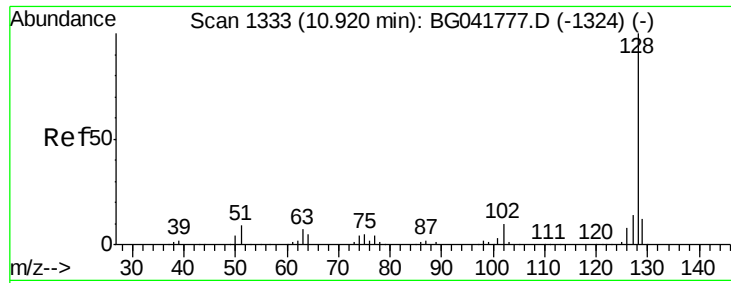
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





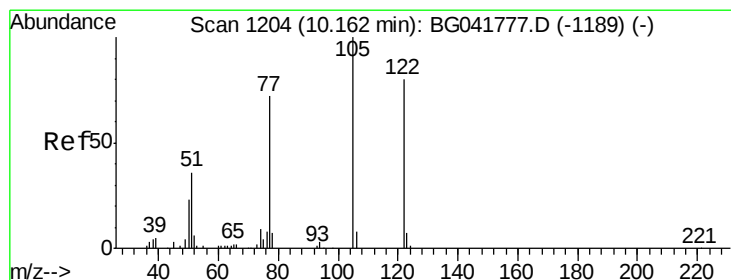
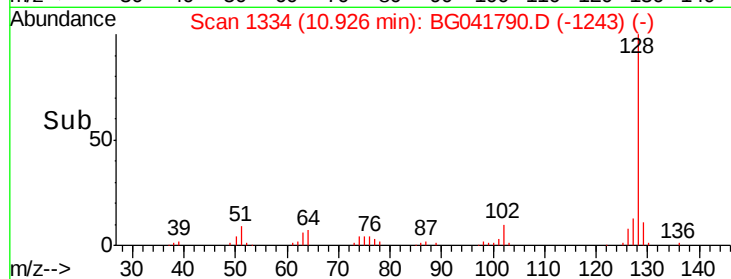
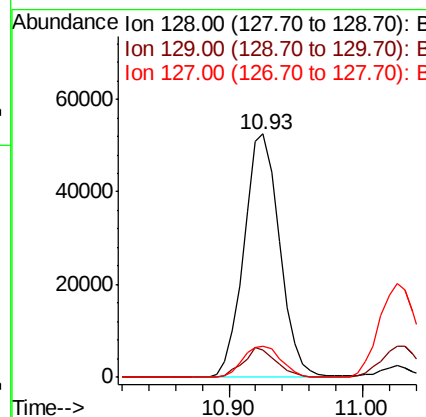
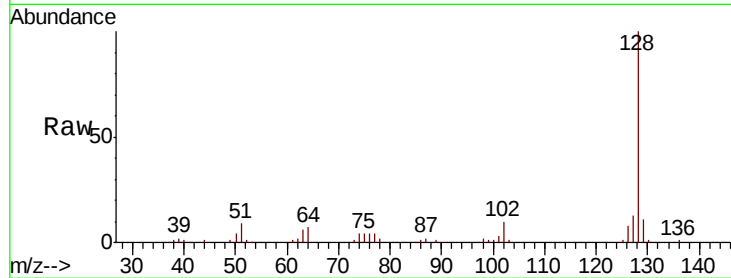
#31
Naphthalene
Concen: 5.309 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.0	15.0
127	12.7	12.3	18.5

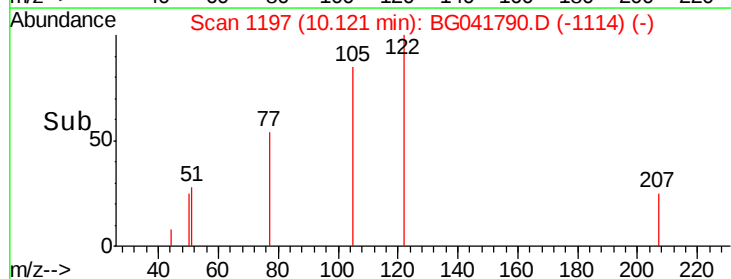
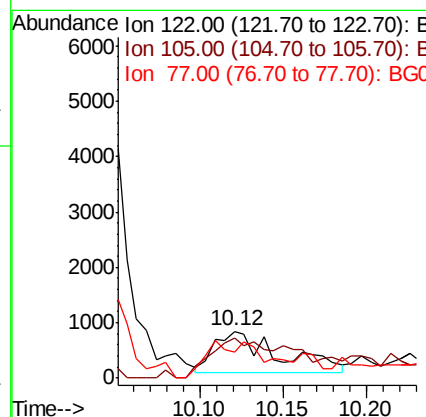
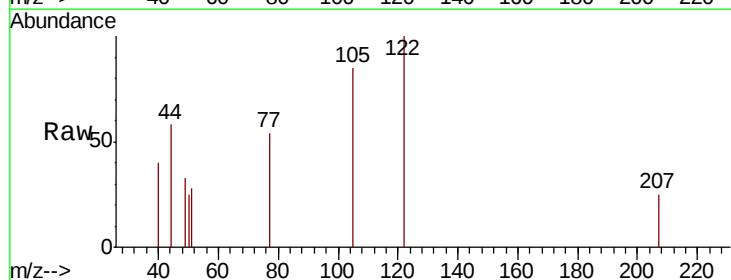
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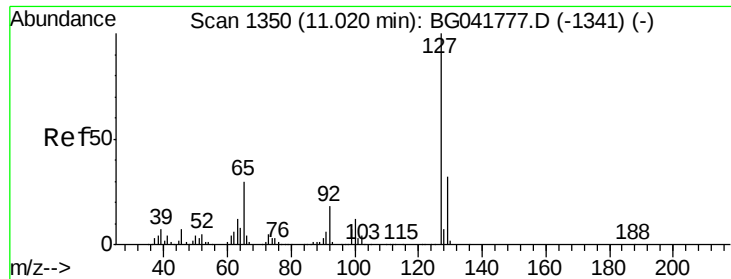
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#32
Benzoic acid
Concen: 9.181 ng m
RT: 10.12 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	84.7	101.5	141.5#
77	54.3	73.0	113.0#





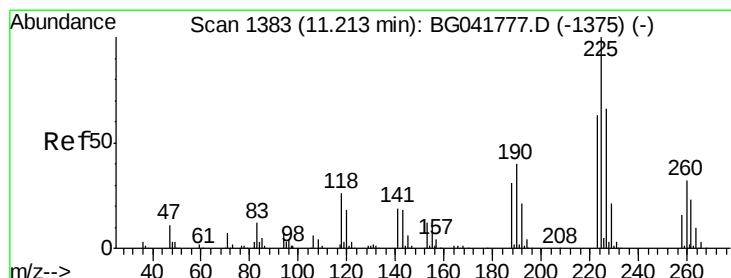
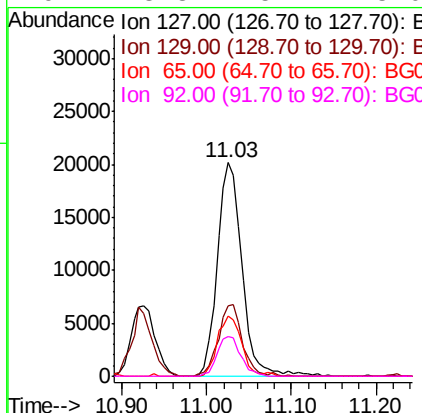
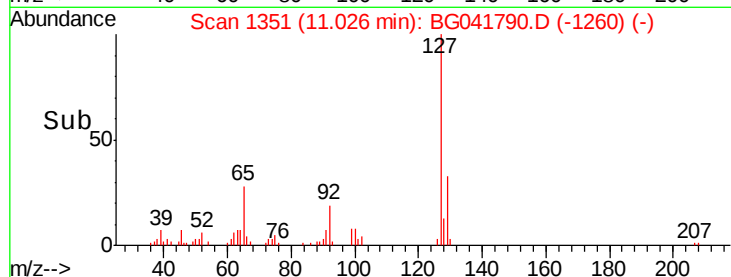
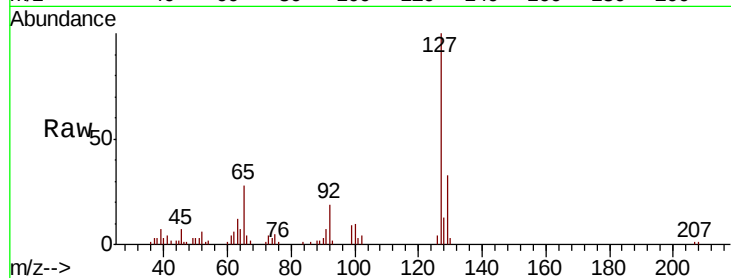
#33
4-Chloroaniline
Concen: 4.748 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		41088		
129	33.0	25.8	38.8		
65	28.1	26.7	40.1		
92	18.8	15.4	23.0		

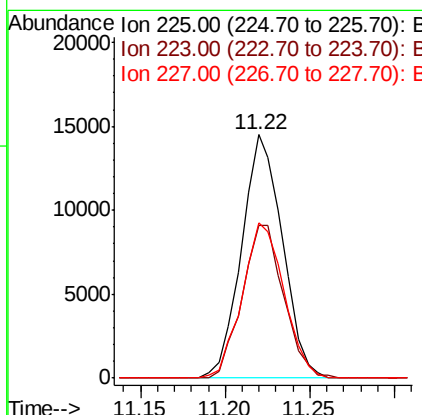
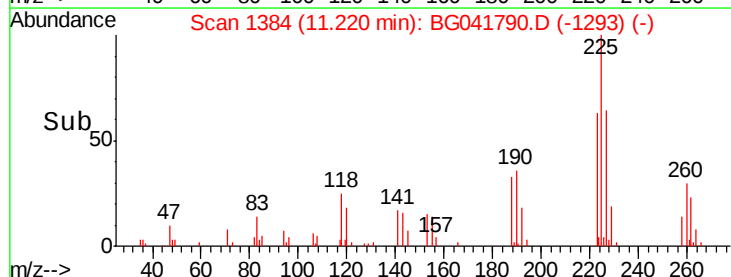
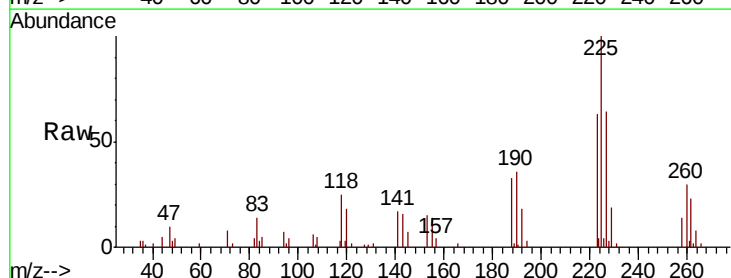
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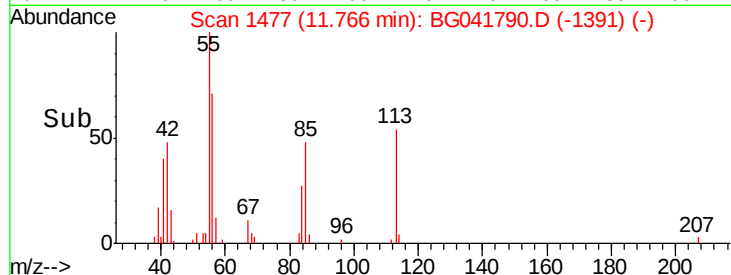
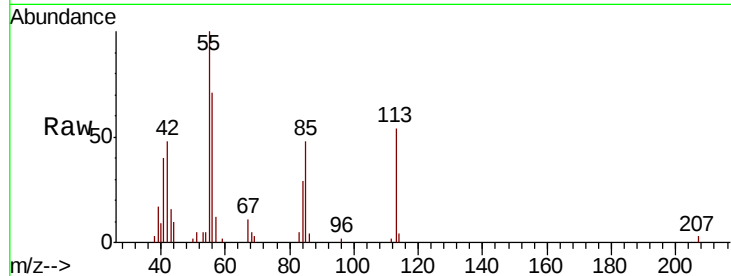
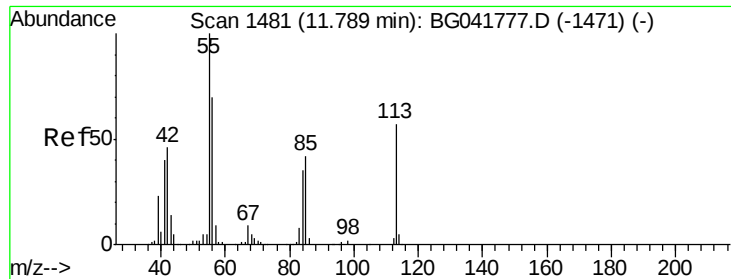
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#34
Hexachlorobutadiene
Concen: 4.659 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		24279		
223	62.5	51.1	76.7		
227	63.8	50.9	76.3		





#35

Caprolactam

Concen: 4.484 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:113 Resp: 9488

Ion Ratio Lower Upper

113 100

55 185.1 199.4 239.4#

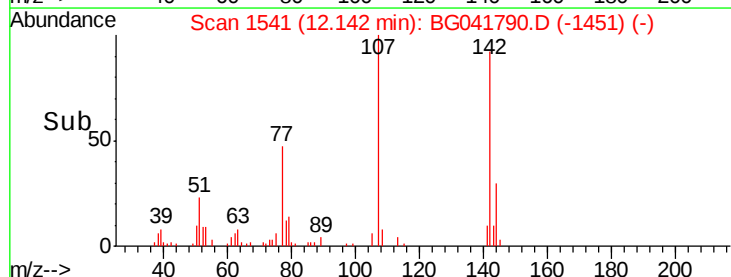
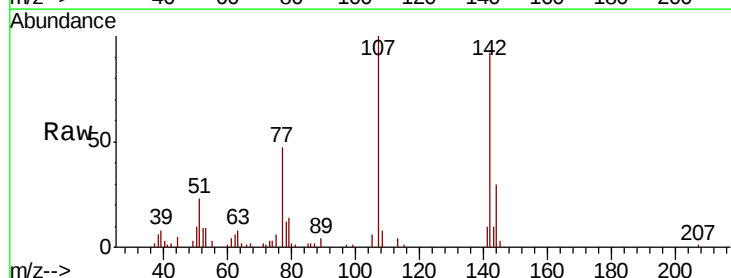
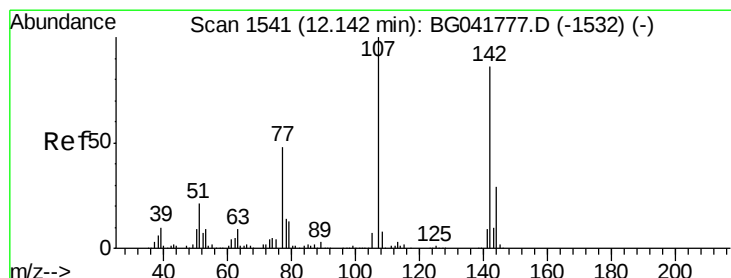
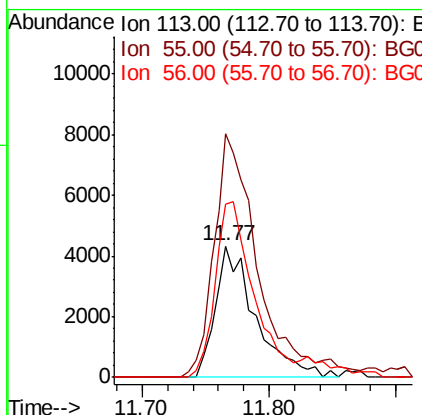
56 132.0 133.6 173.6#

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#36

4-Chloro-3-methylphenol

Concen: 4.818 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

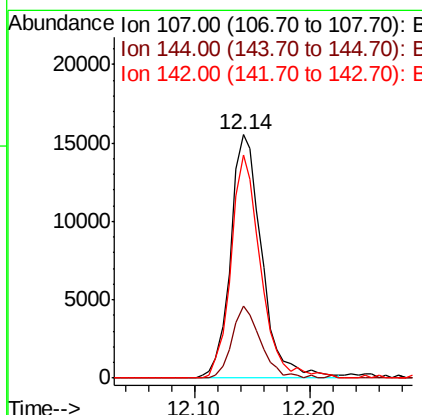
Tgt Ion:107 Resp: 29081

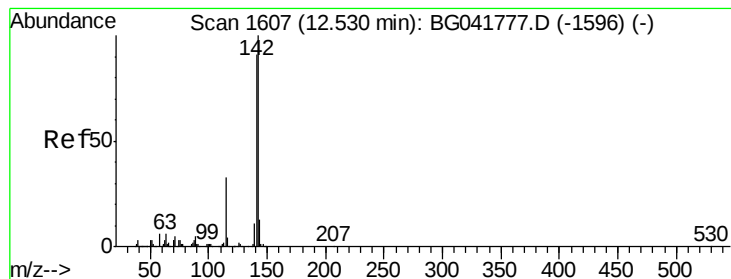
Ion Ratio Lower Upper

107 100

144 29.6 22.2 33.2

142 91.5 67.3 100.9





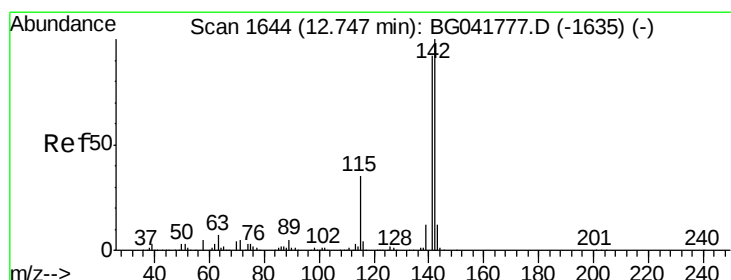
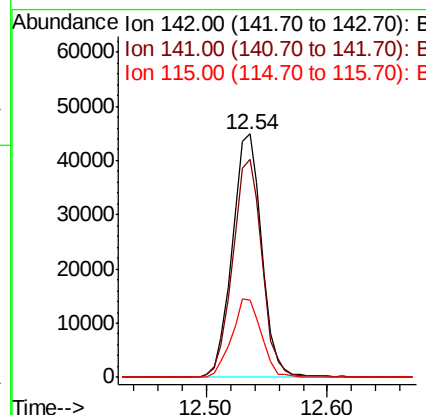
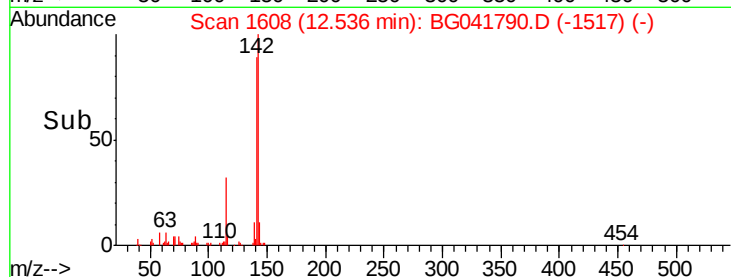
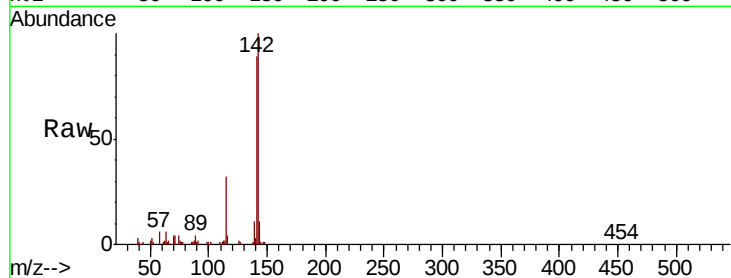
#37
2-Methylnaphthalene
Concen: 5.271 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.7	109.1
115	31.6	27.0	40.4

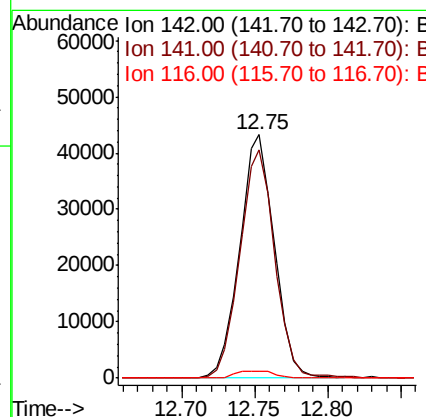
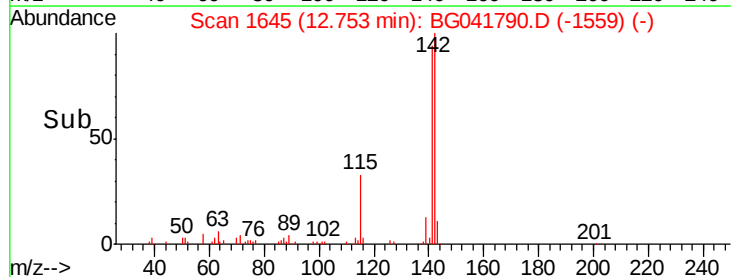
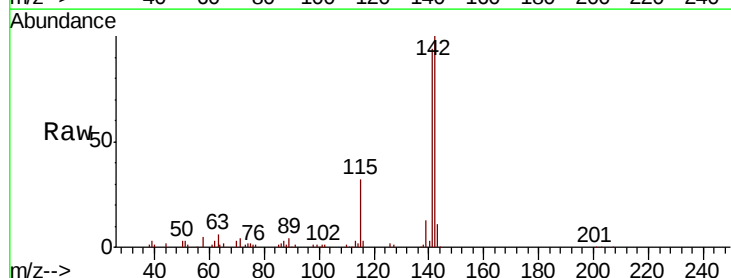
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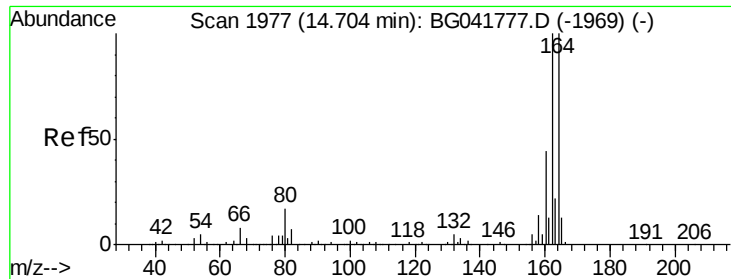
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#38
1-Methylnaphthalene
Concen: 5.208 ng m
RT: 12.75 min Scan# 1645
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.4	113.2
116	2.8	3.2	4.8#





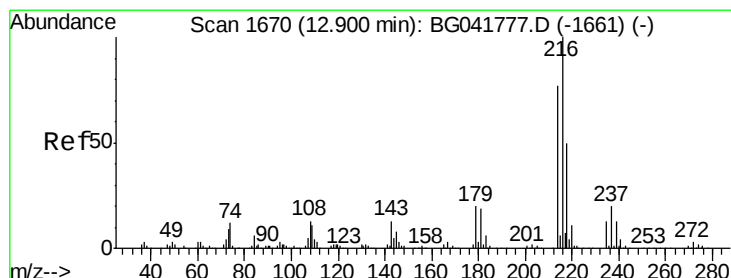
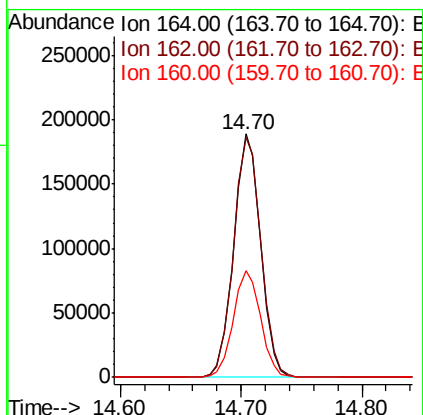
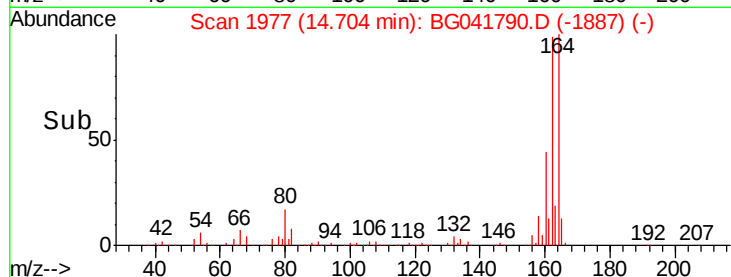
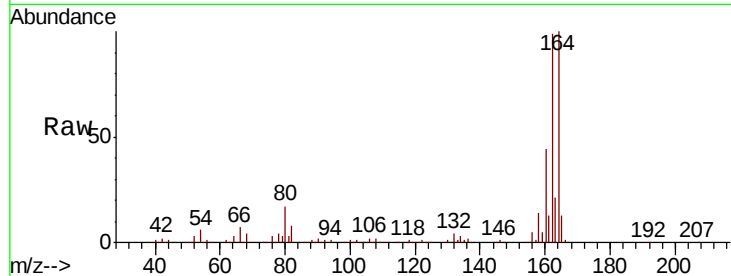
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.6	119.4
160	43.6	35.4	53.0

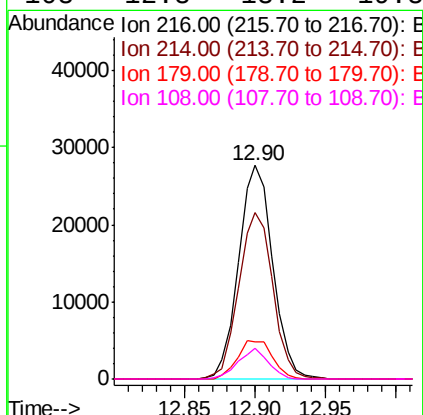
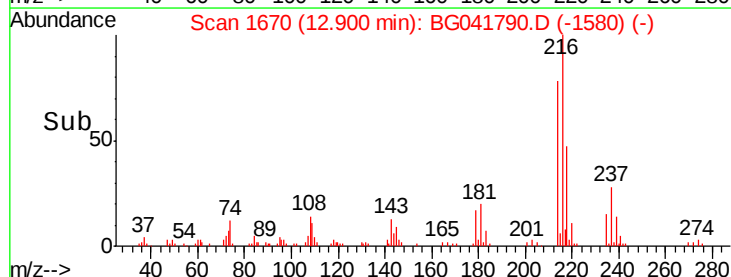
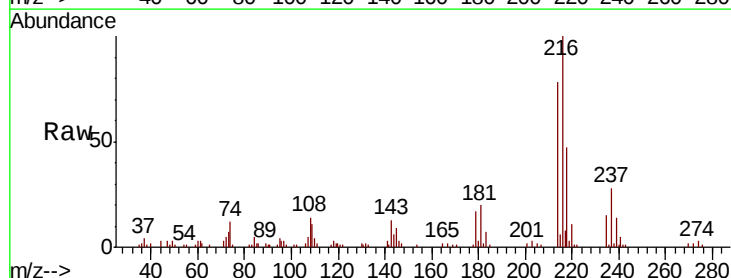
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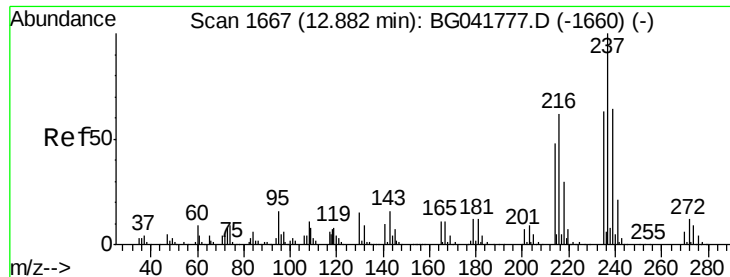
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.044 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	61.5	92.3
179	18.6	16.2	24.2
108	12.8	13.2	19.8#





#41

Hexachlorocyclopentadiene

Concen: 4.723 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

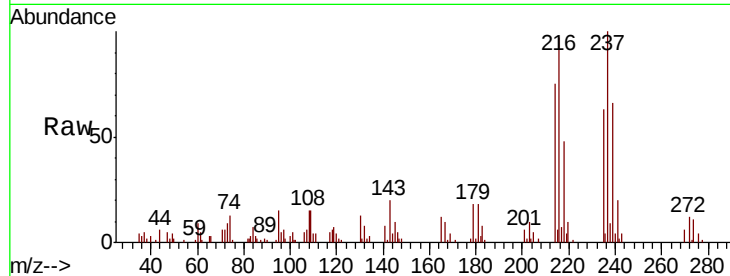
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

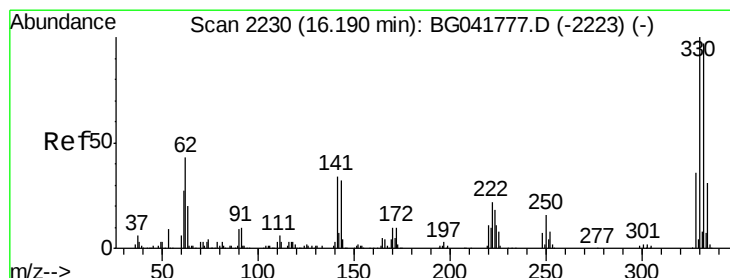
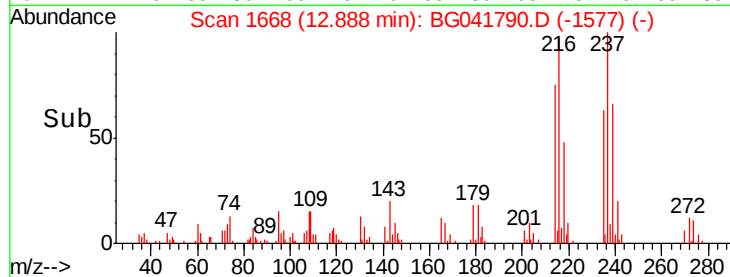
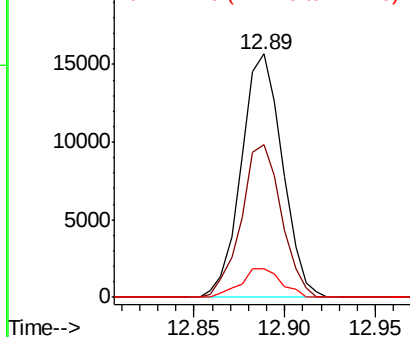
Tot Ion:	237	Resp:	24594
Ion Ratio	Lower	Upper	
237	100		
235	62.5	43.5	83.5
272	11.6	0.0	31.2

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.787 ng

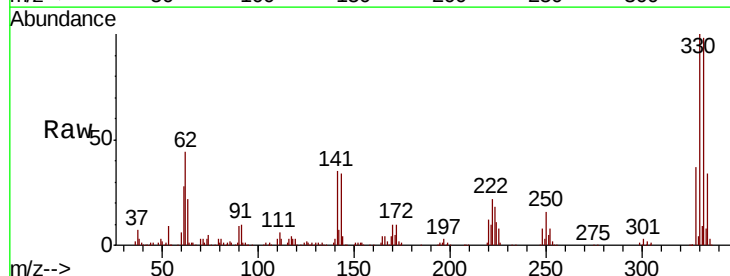
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

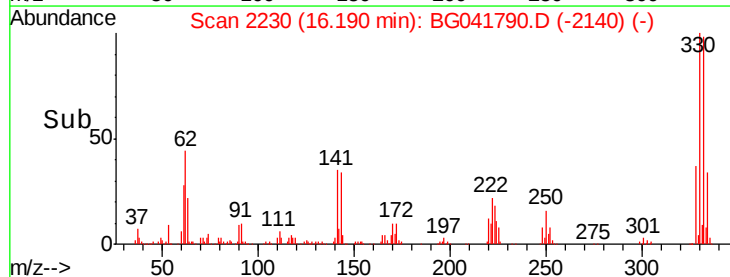
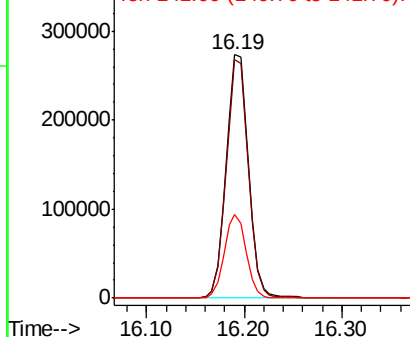
Lab File: BG041790.D

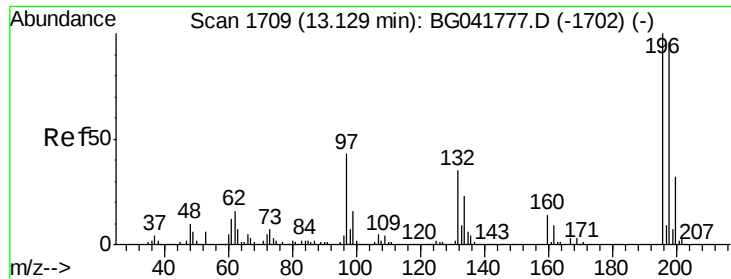
Acq: 29 Jul 2019 15:46

Tgt Ion:	330	Resp:	434693
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.4	116.0
141	33.5	31.9	47.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





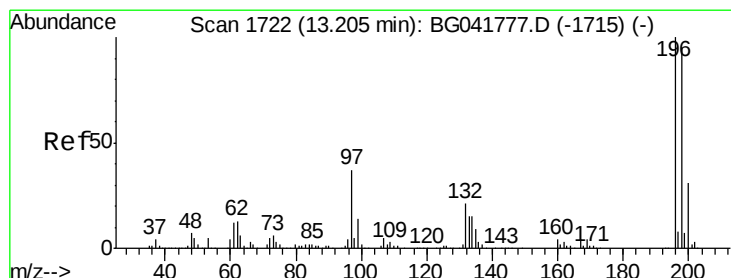
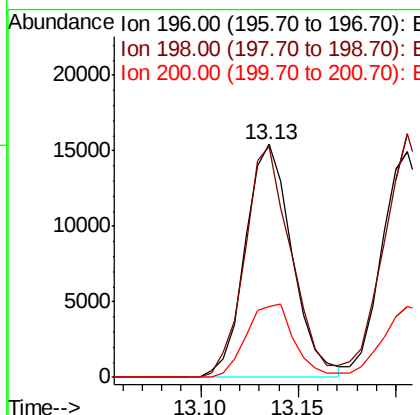
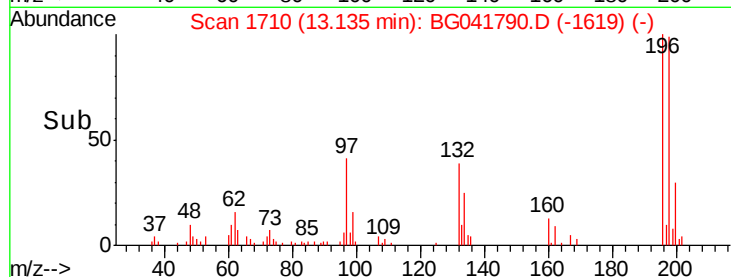
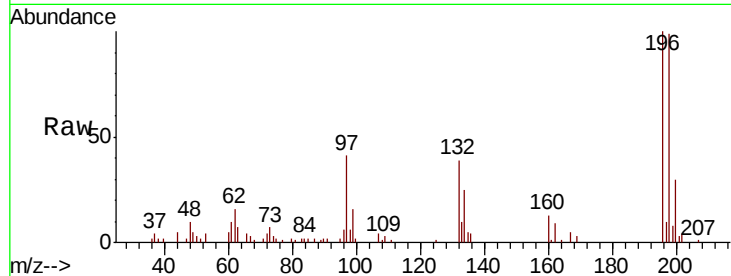
#43
 2,4,6-Trichlorophenol
 Concen: 4.371 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	25588		
198	98.7	79.6	119.4	
200	30.3	25.2	37.8	

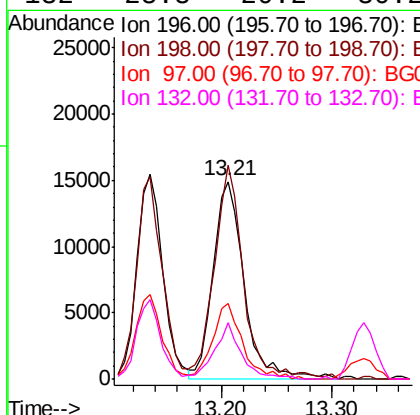
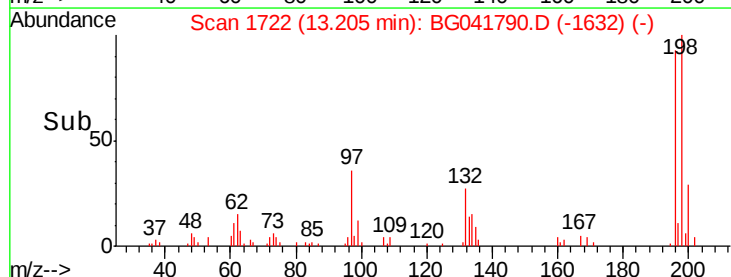
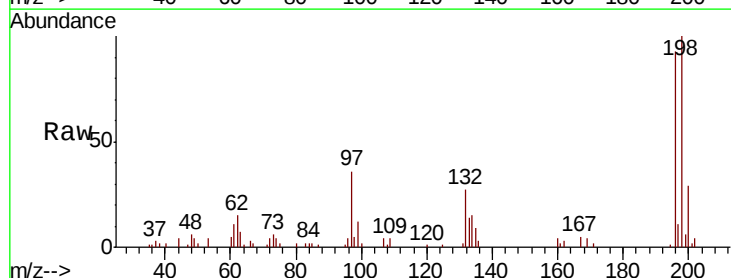
Manual Integrations
 APPROVED

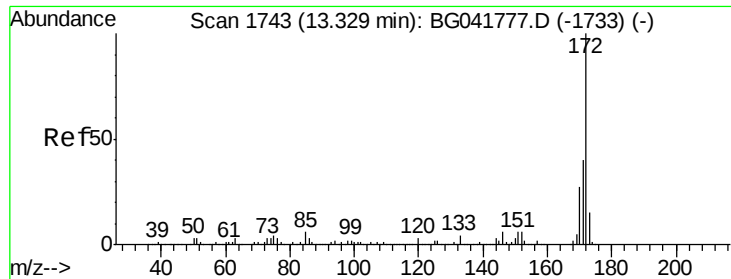
mohammad
 7/30/2019 4:52:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 4.769 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	29011		
198	108.1	80.6	121.0	
97	38.4	33.9	50.9	
132	28.8	20.2	30.2	





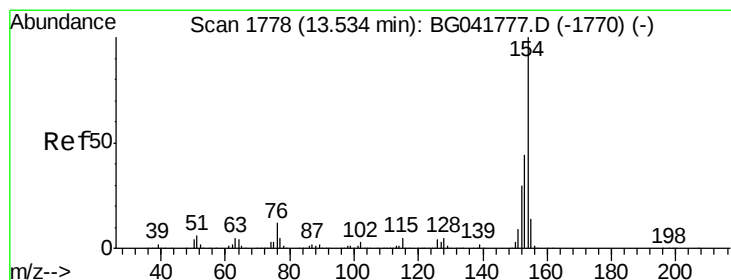
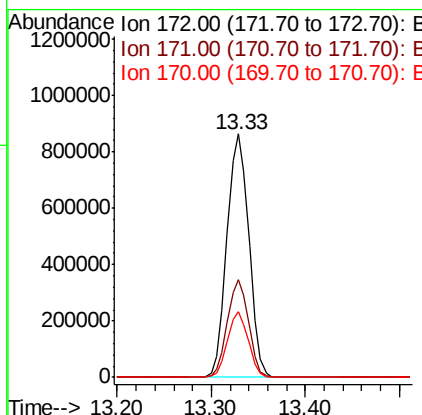
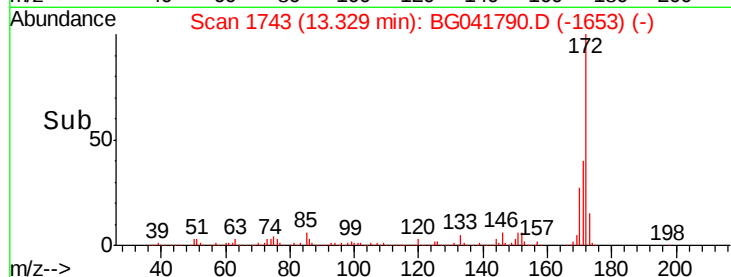
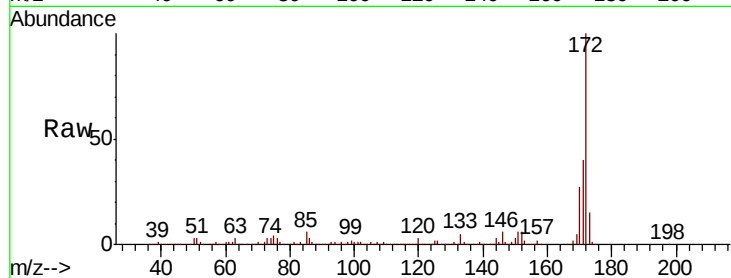
#45
2-Fluorobiphenyl
Concen: 84.108 ng
RT: 13.33 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.3	35.0	52.4
170	26.9	23.5	35.3

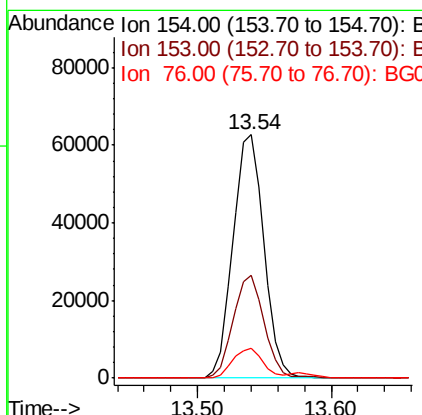
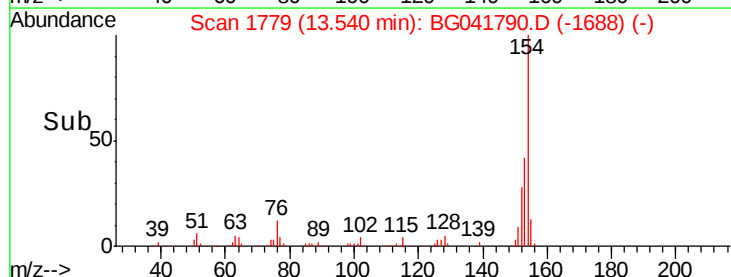
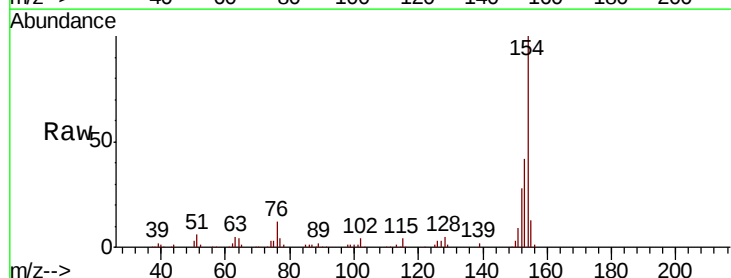
Manual Integrations
APPROVED

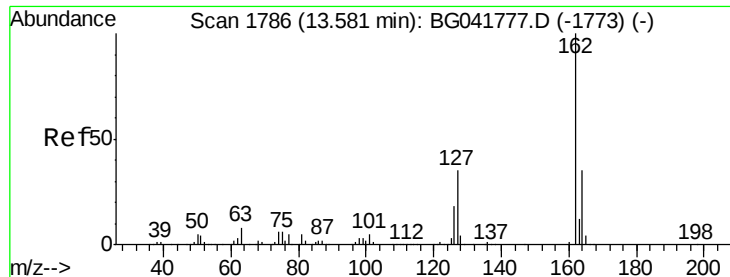
mohammad
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#46
1,1'-Biphenyl
Concen: 5.368 ng
RT: 13.54 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	25.0	65.0
76	12.1	0.0	34.5





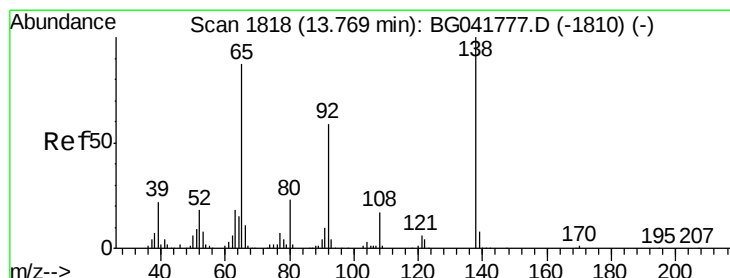
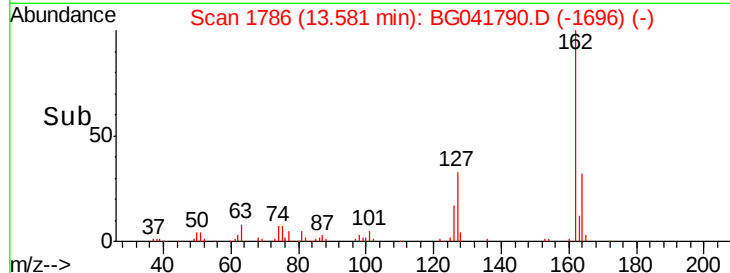
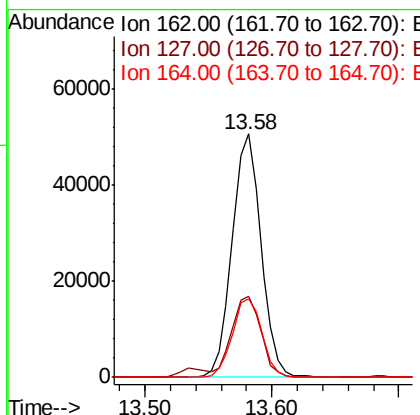
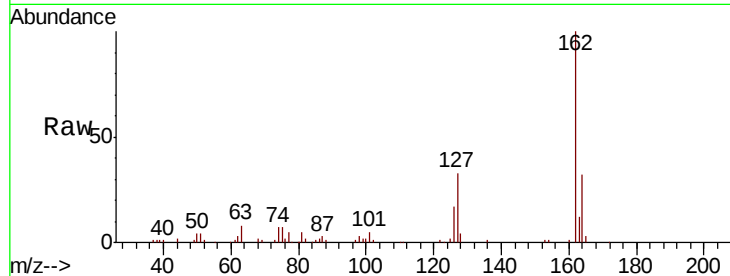
#47
2-Chloronaphthalene
Concen: 4.974 ng
RT: 13.58 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100	79652		
127	33.2		30.4	45.6
164	32.3		28.6	42.8

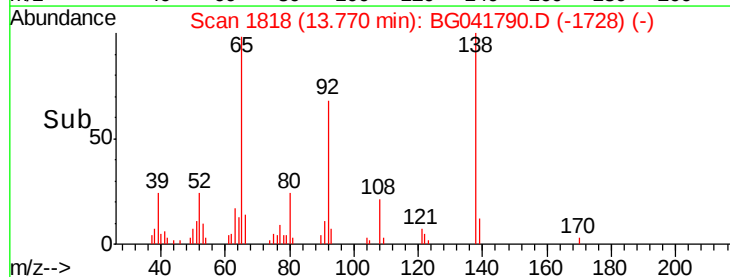
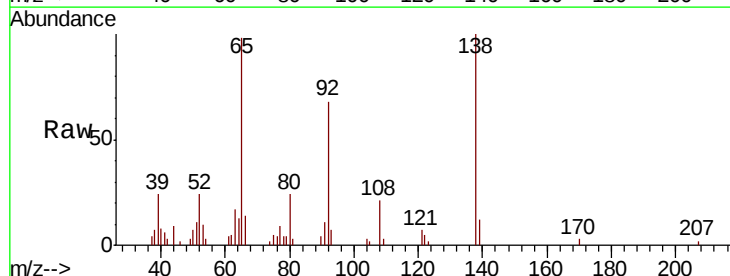
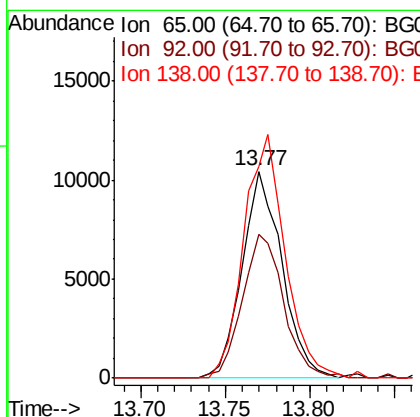
Manual Integrations
APPROVED

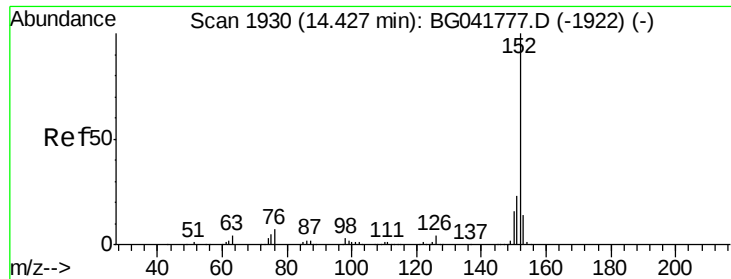
mohammad
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#48
2-Nitroaniline
Concen: 4.213 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	17112		
92	69.7		53.9	80.9
138	102.2		83.5	125.3





#49

Acenaphthylene

Concen: 5.376 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

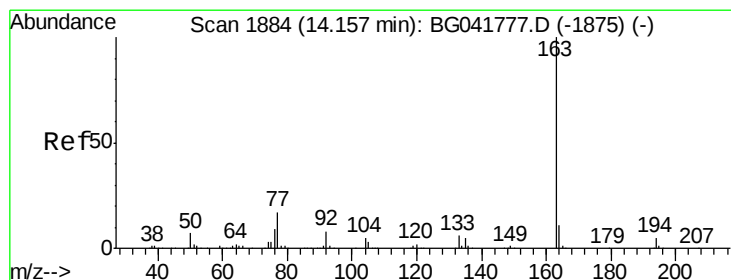
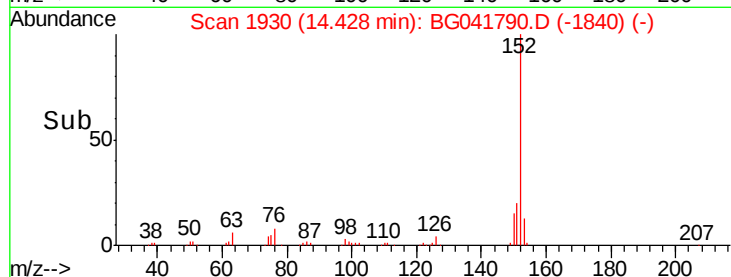
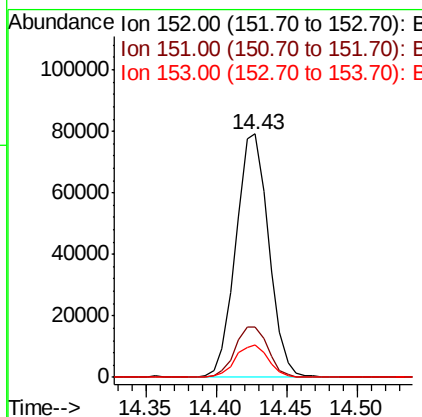
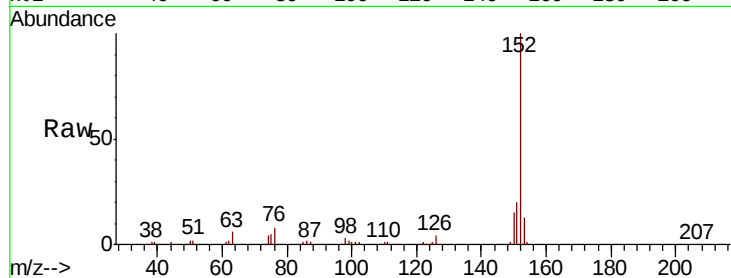
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	152	Resp:	128784
Ion Ratio	Lower	Upper	
152	100		
151	20.5	18.7	28.1
153	13.2	12.4	18.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 5.274 ng

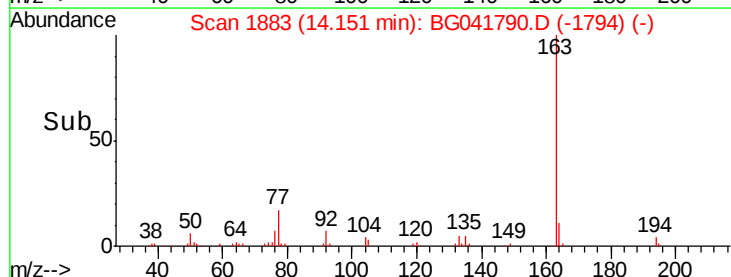
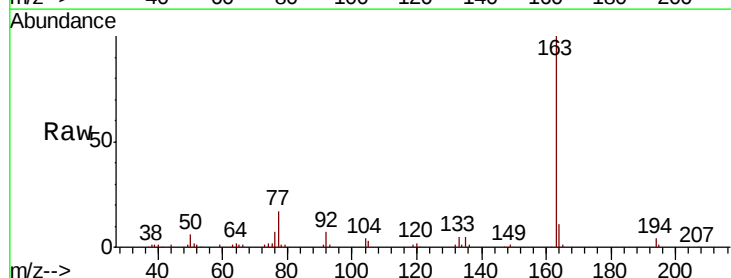
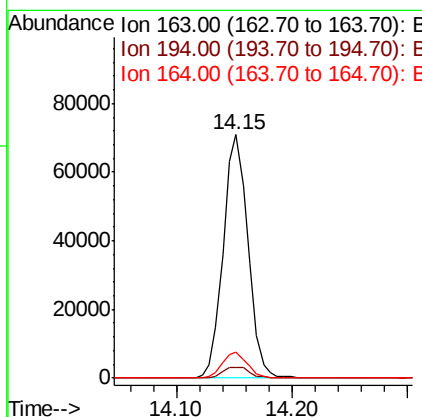
RT: 14.15 min Scan# 1883

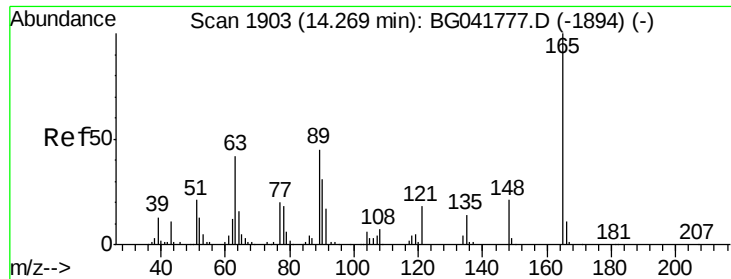
Delta R.T. -0.01 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Tgt Ion:	163	Resp:	105399
Ion Ratio	Lower	Upper	
163	100		
194	4.5	4.2	6.2
164	10.6	9.4	14.2





#51

2,6-Dinitrotoluene

Concen: 5.092 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

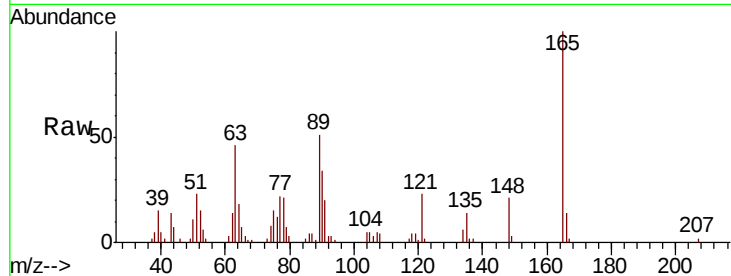
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	165	Resp:	21279
Ion Ratio	Lower	Upper	
165	100		
63	46.0	42.4	63.6
89	51.3	42.1	63.1

Manual Integrations
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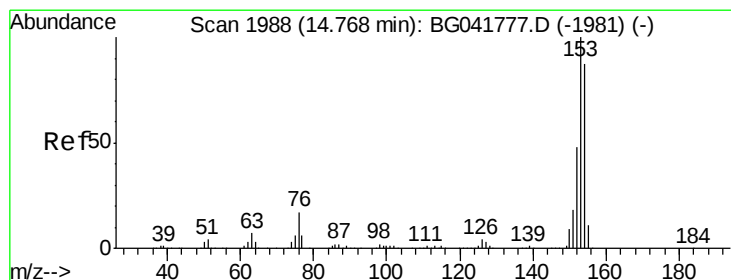
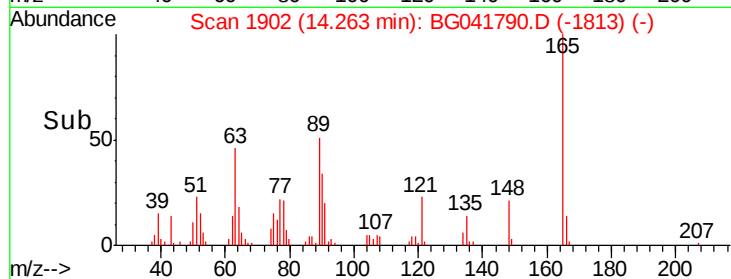
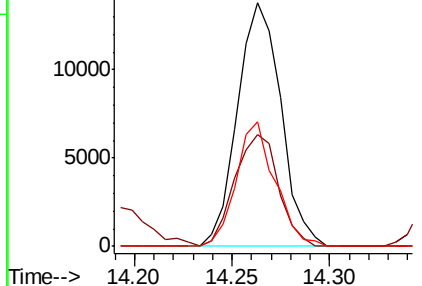
mohammad
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 4.861 ng

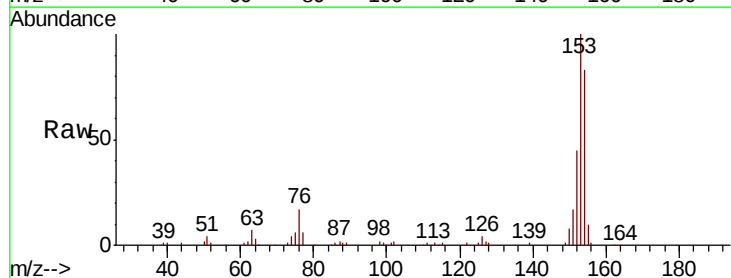
RT: 14.77 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

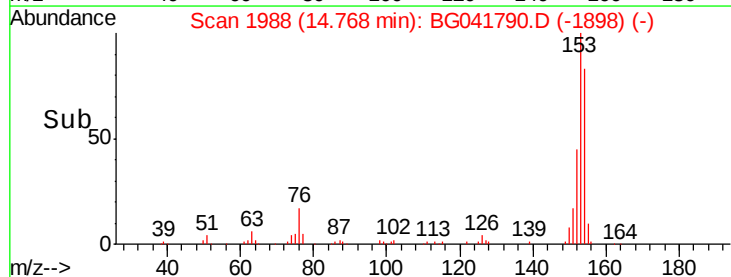
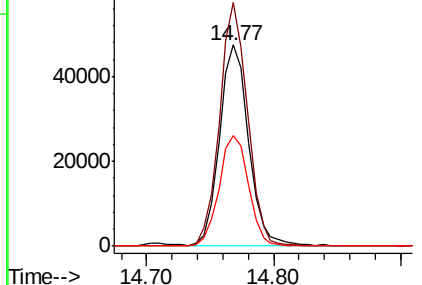
Tgt Ion:	154	Resp:	75737
Ion Ratio	Lower	Upper	
154	100		
153	121.1	89.8	134.6
152	55.0	44.9	67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





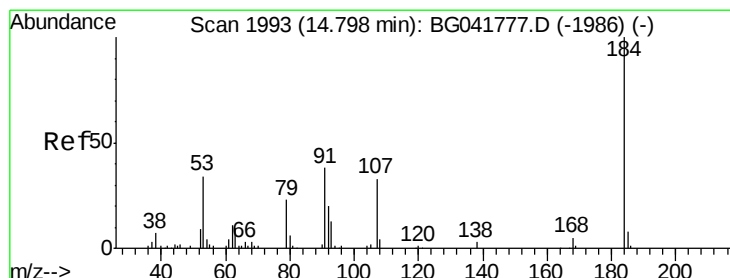
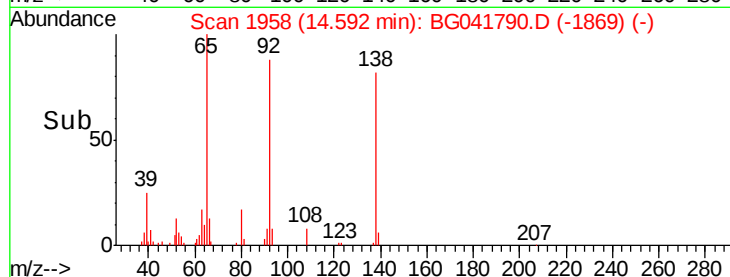
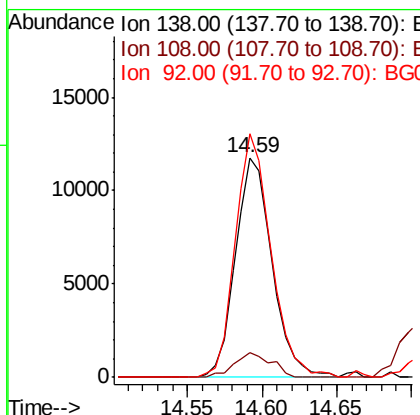
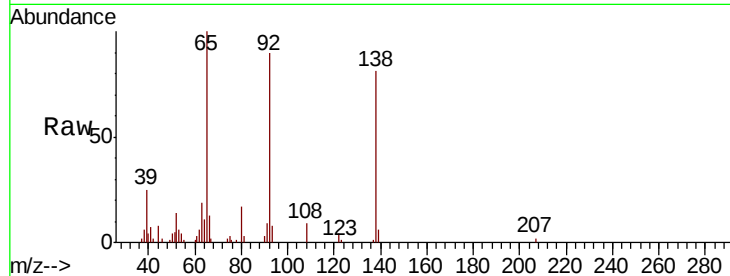
#53
3-Nitroaniline
Concen: 4.491 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	10.3	15.5
92	111.0	93.0	139.4

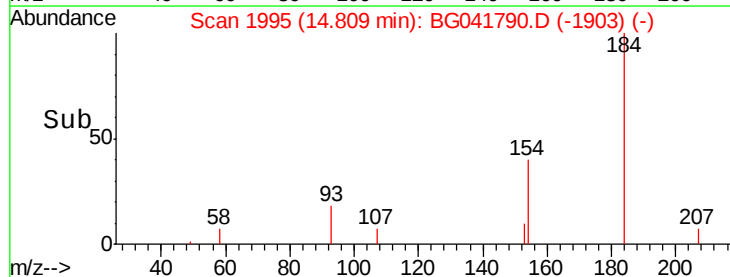
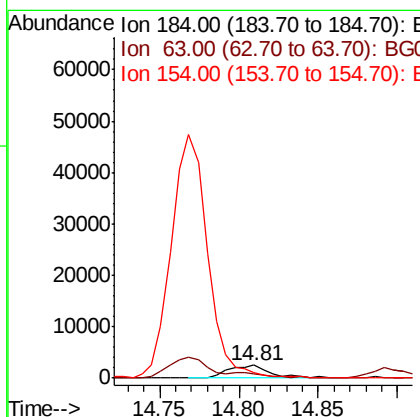
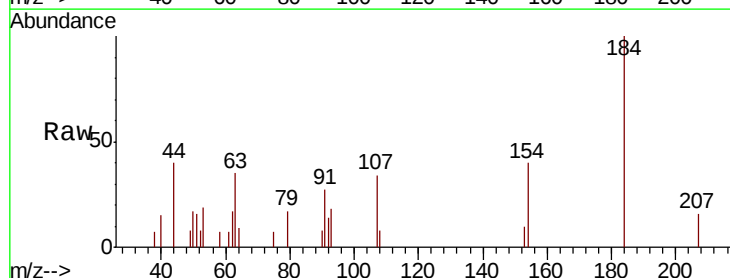
Manual Integrations
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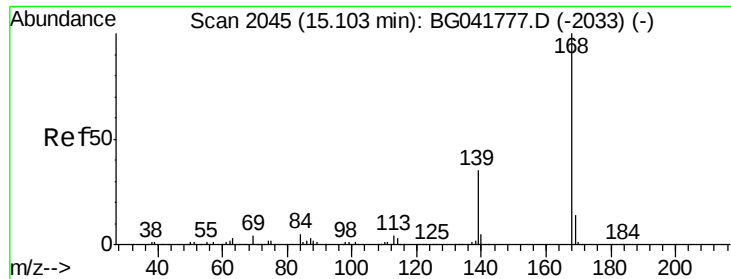
mohammad
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#54
2,4-Dinitrophenol
Concen: 5.753 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	35.4	43.2	64.8#
154	39.8	51.4	77.2#





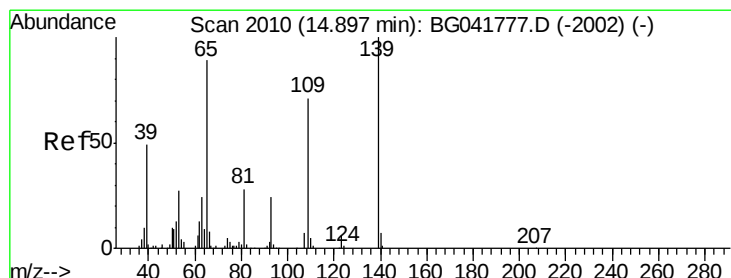
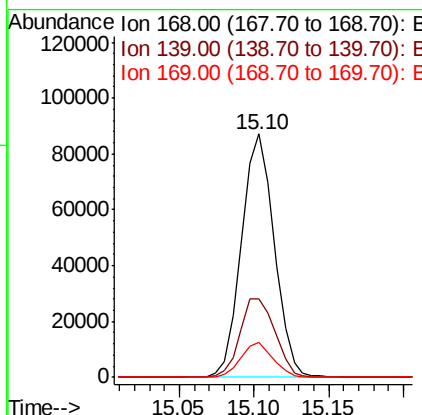
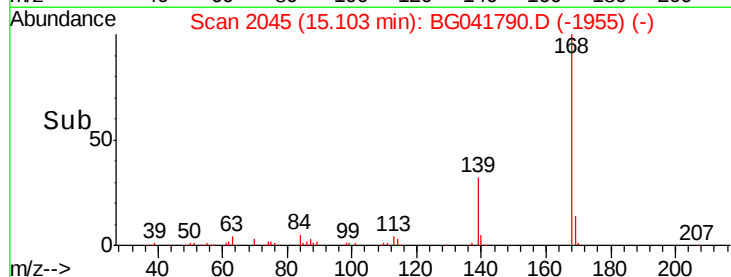
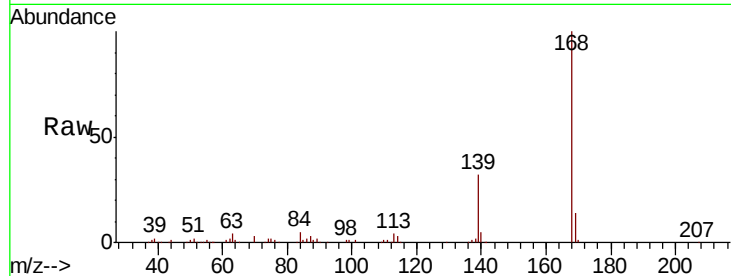
#55
Dibenzenofuran
Concen: 5.554 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	168	Resp:	132354
Ion Ratio	Lower	Upper	
168	100		
139	32.4	31.9	47.9
169	14.5	12.5	18.7

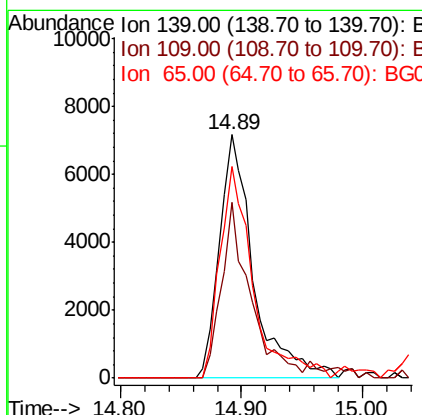
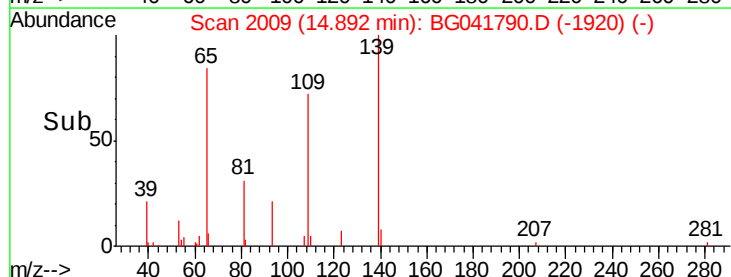
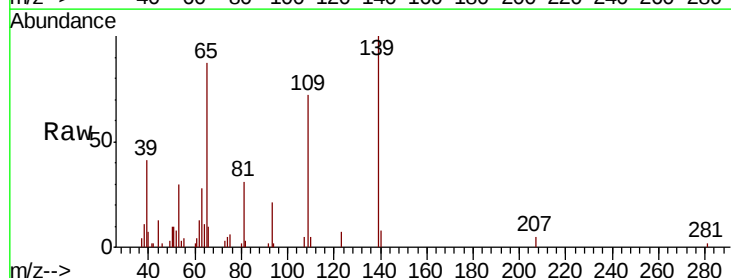
Manual Integrations
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#56
4-Nitrophenol
Concen: 4.127 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion:	139	Resp:	14004
Ion Ratio	Lower	Upper	
139	100		
109	72.1	51.3	91.3
65	86.7	77.6	117.6





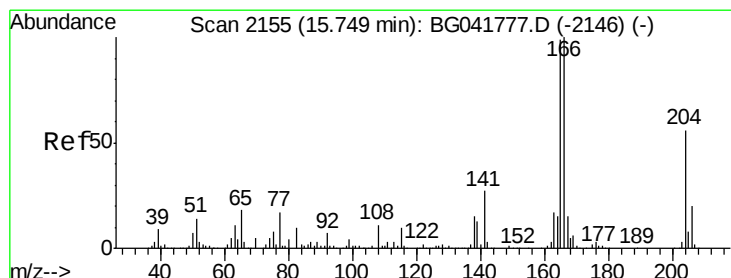
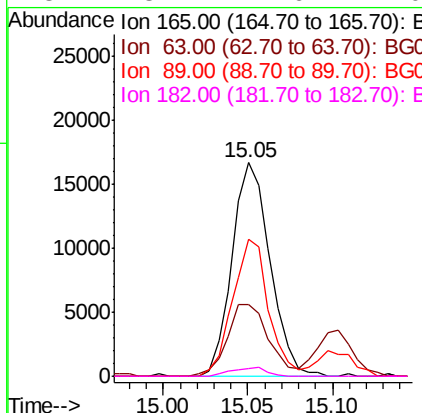
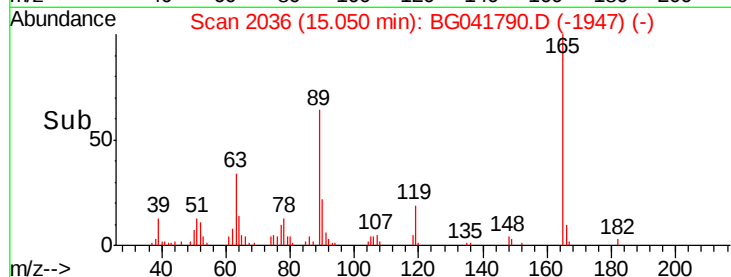
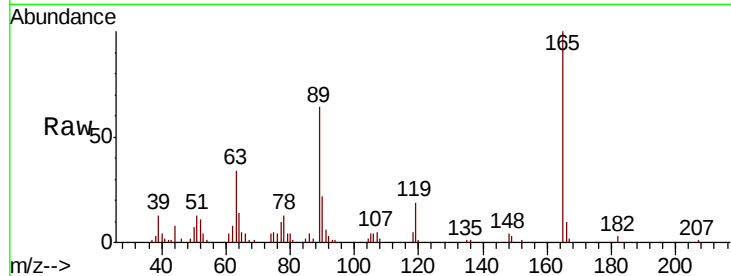
#57
2,4-Dinitrotoluene
Concen: 4.539 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	26083		
63	33.7		31.7	47.5
89	64.4		50.2	75.4
182	3.4		2.6	4.0

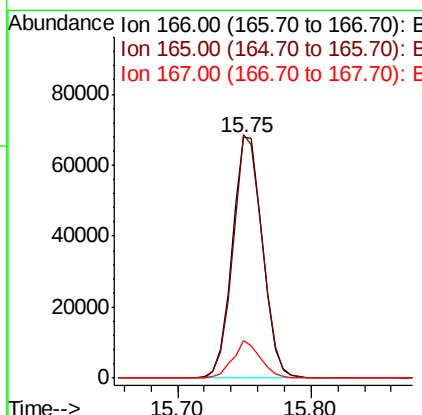
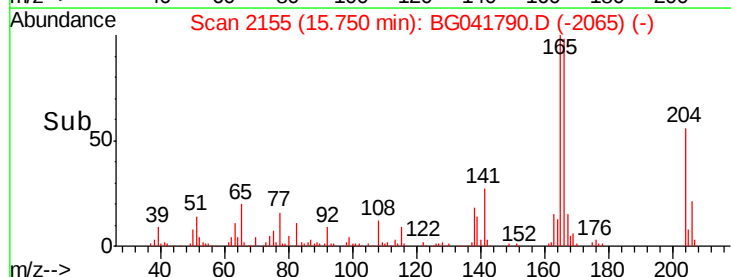
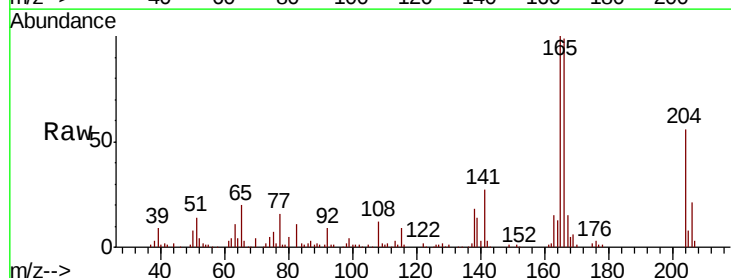
Manual Integrations
APPROVED

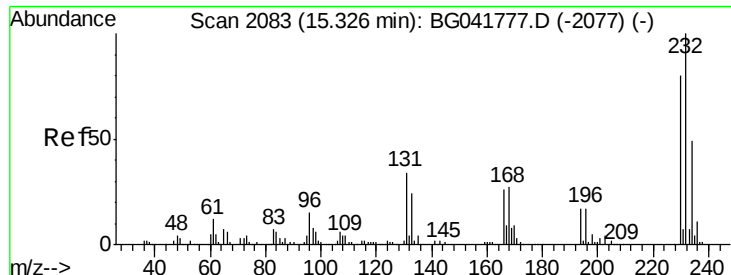
mohammad
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#58
Fluorene
Concen: 5.573 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	106590		
165	101.3		80.5	120.7
167	15.4		12.4	18.6





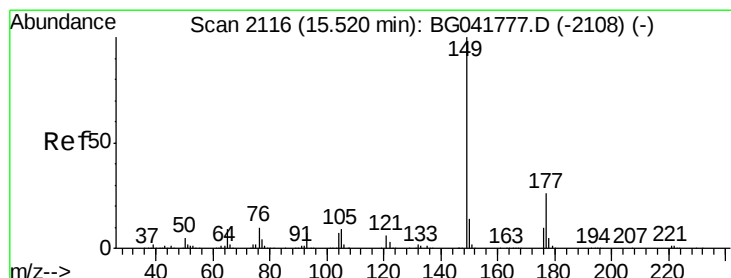
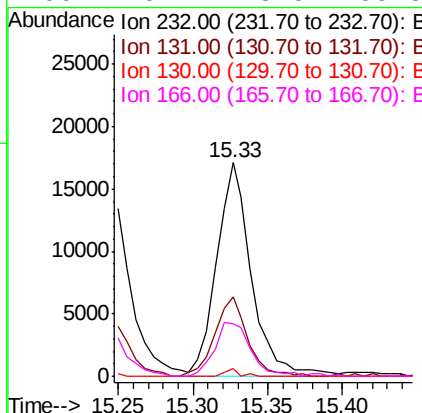
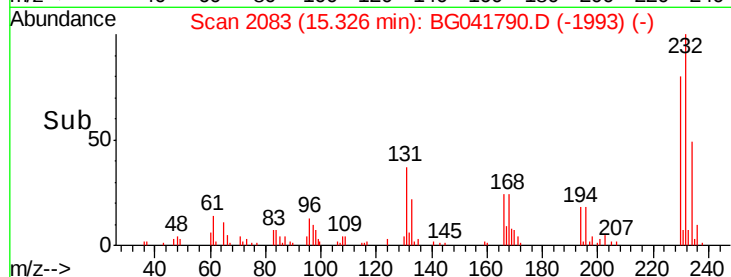
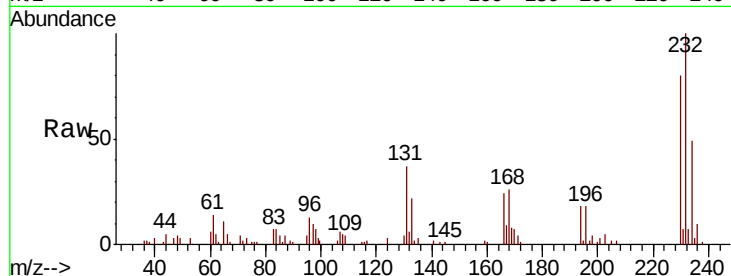
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.615 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.3	31.8	47.6
130	1.6	1.8	2.8
166	26.4	23.5	35.3

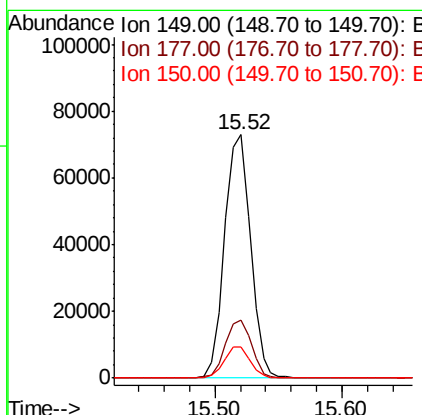
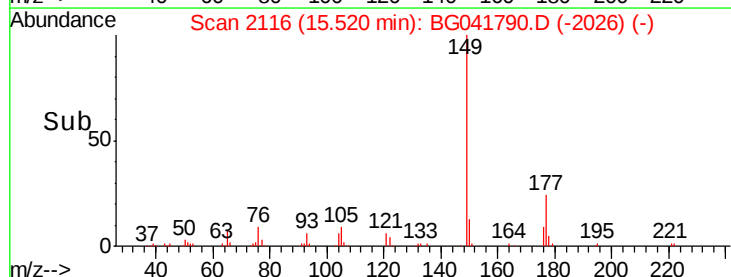
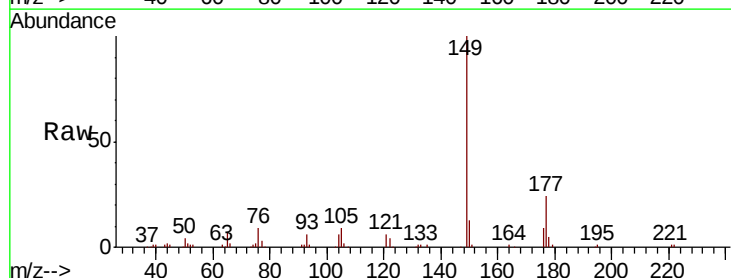
Manual Integrations
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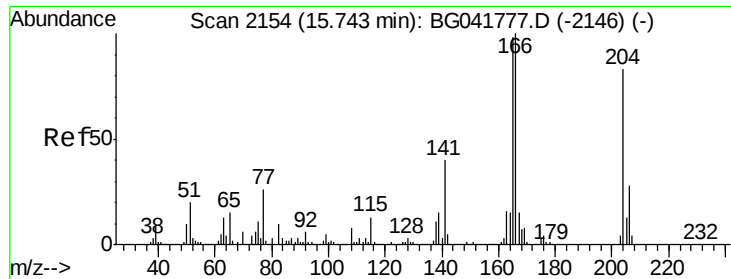
mohammad
 7/30/2019 4:52:29 PM



#60
 Diethylphthalate
 Concen: 5.277 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	20.7	31.1
150	12.9	11.5	17.3





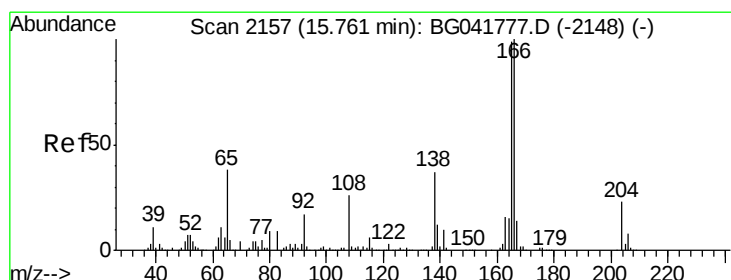
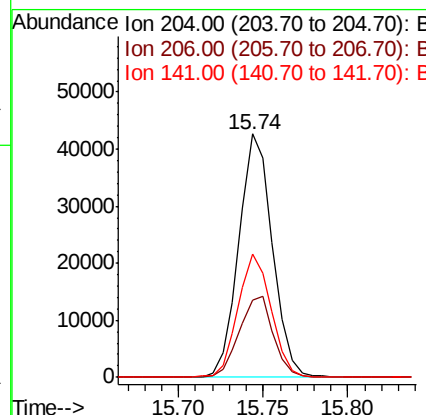
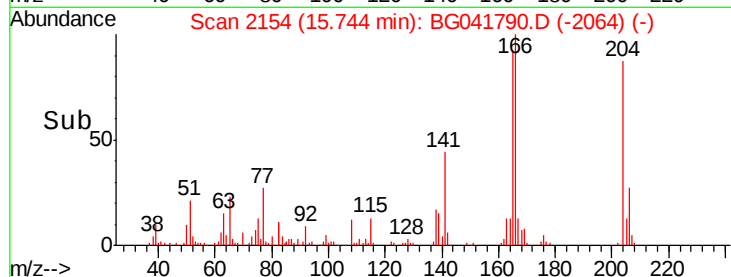
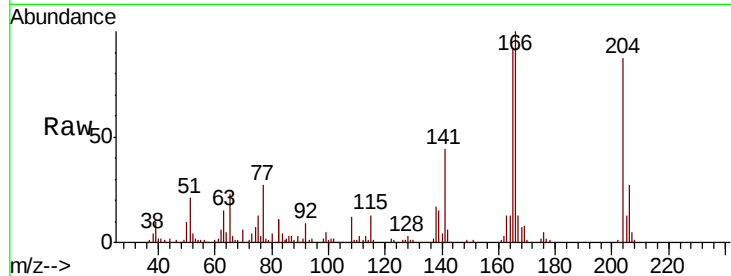
#61
 4-Chlorophenyl-phenylether
 Concen: 5.047 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	28.6	42.8
141	50.5	42.9	64.3

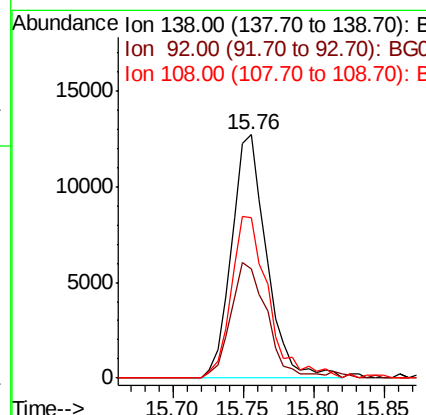
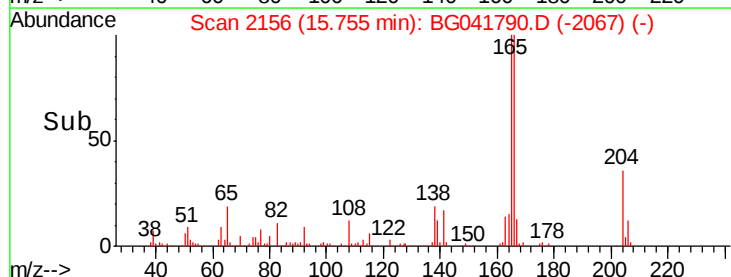
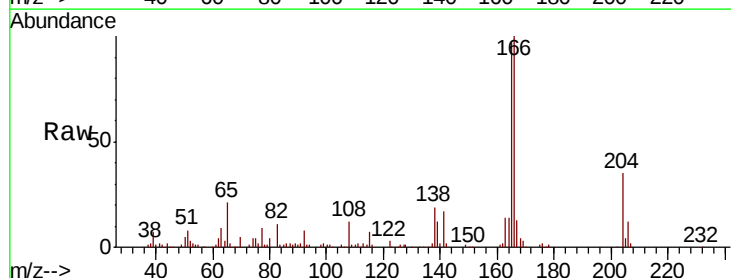
Manual Integrations
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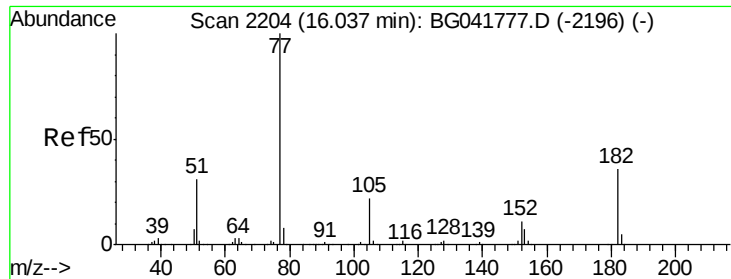
mohammad
 7/30/2019 4:52:29 PM



#62
 4-Nitroaniline
 Concen: 4.545 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.9	29.8	69.8
108	65.8	52.2	92.2





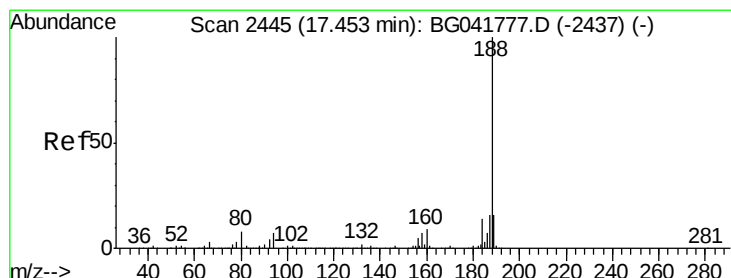
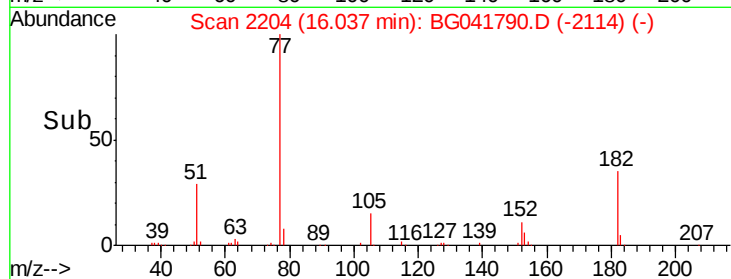
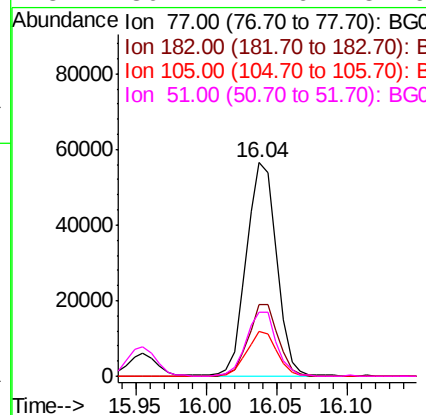
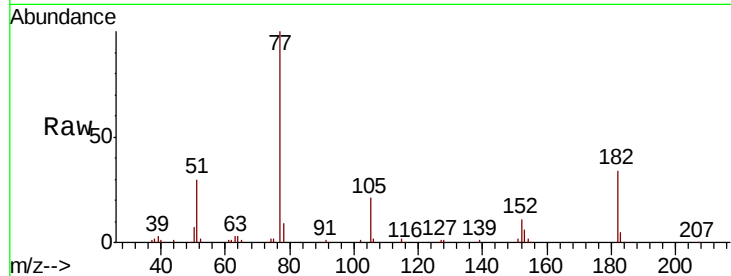
#63
Azobenzene
Concen: 5.323 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		85305		
182	33.7	13.2	53.2		
105	20.9	2.2	42.2		
51	30.1	14.6	54.6		

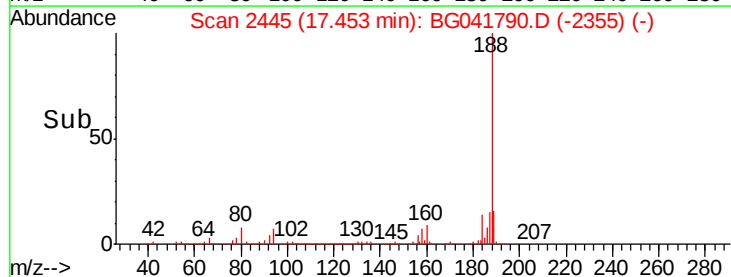
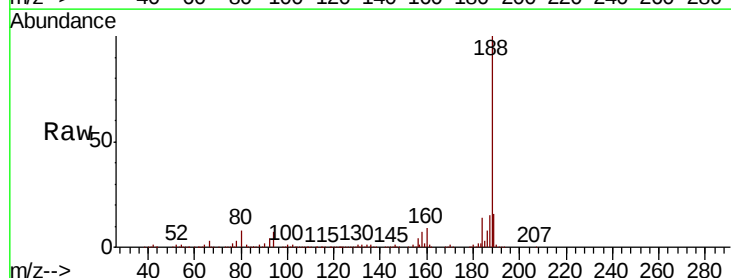
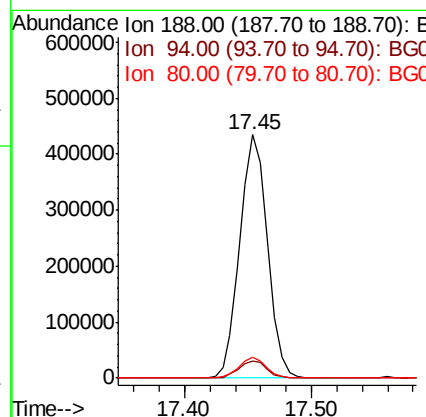
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APPROVED

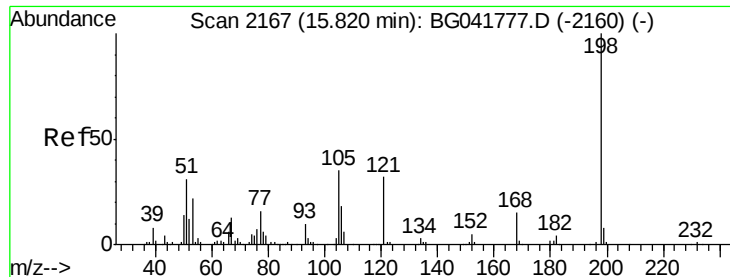
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		655507		
94	7.2	6.9	10.3		
80	8.4	8.0	12.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 9.797 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:198 Resp: 11021

Ion Ratio Lower Upper

198 100

51 28.4 22.3 62.3

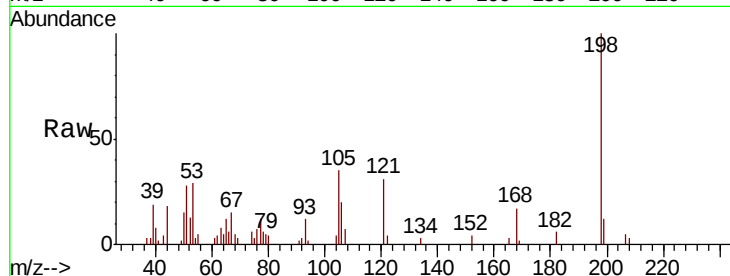
105 35.4 18.0 58.0

Manual Integrations

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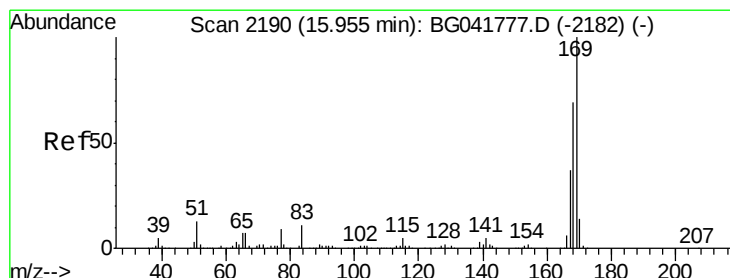
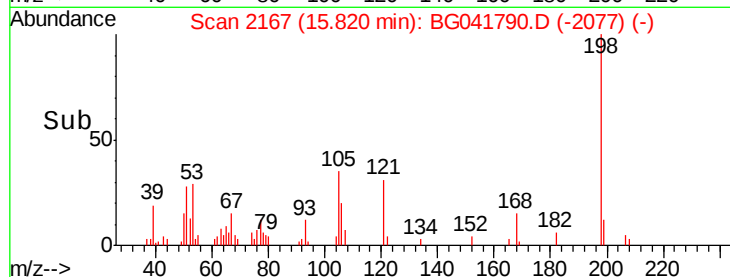
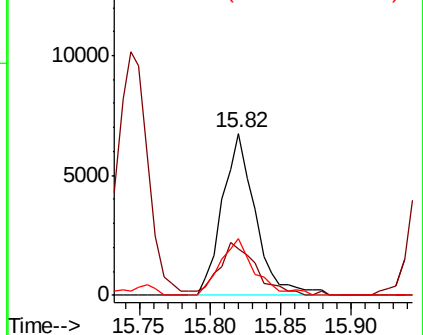
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 5.301 ng

RT: 15.96 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

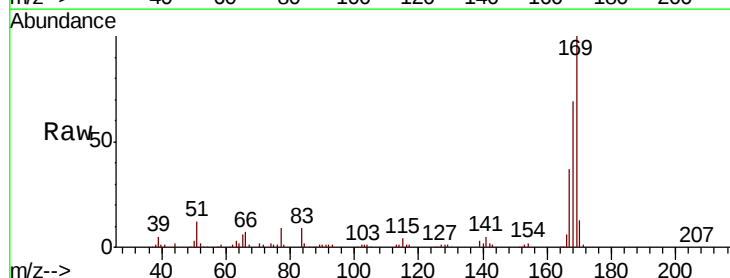
Tgt Ion:169 Resp: 94649

Ion Ratio Lower Upper

169 100

168 68.6 56.9 85.3

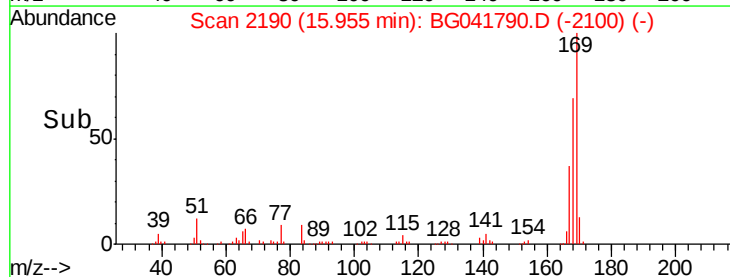
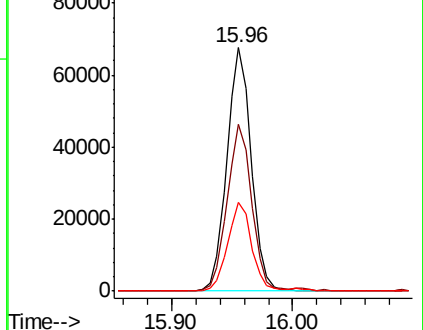
167 36.6 31.5 47.3

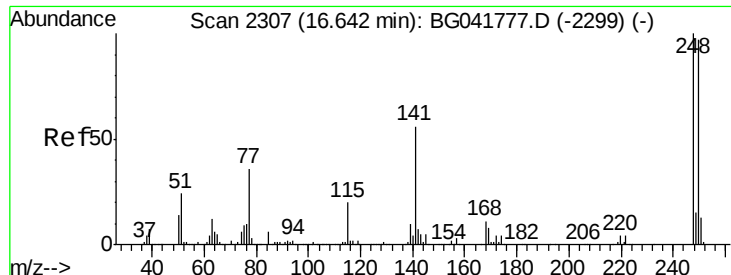


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 4.727 ng

RT: 16.64 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

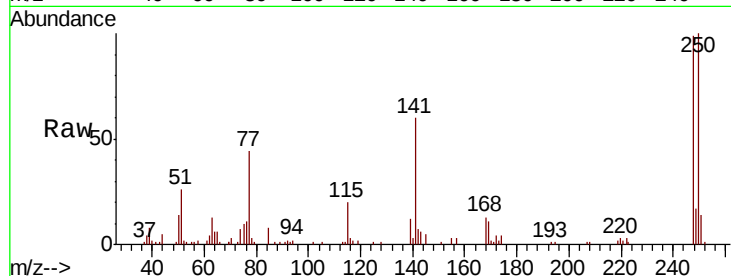
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	248	Resp:	38166
Ion Ratio	Lower	Upper	
248	100		
250	101.4	78.1	117.1
141	60.6	49.6	74.4

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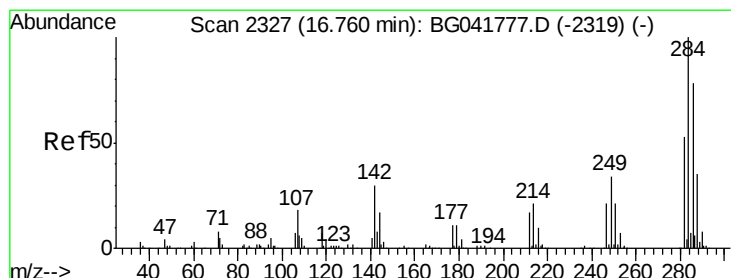
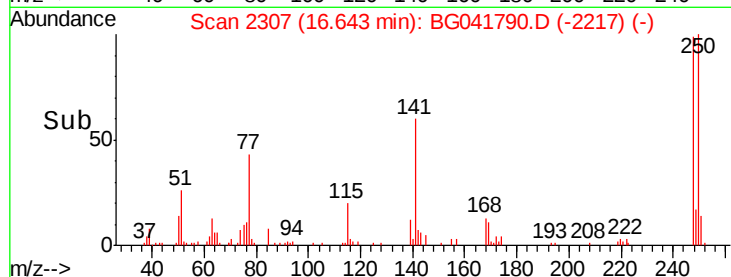
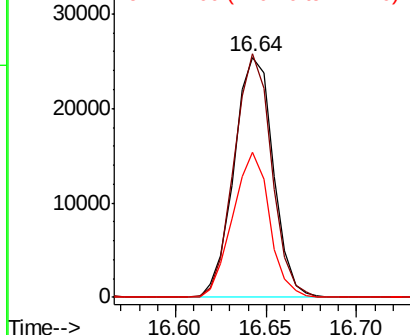


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 4.813 ng

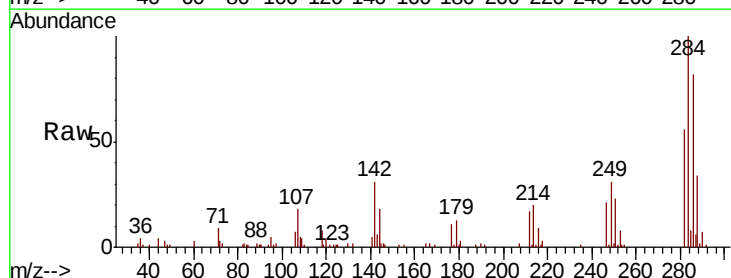
RT: 16.76 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Tgt Ion:	284	Resp:	40658
Ion Ratio	Lower	Upper	
284	100		
142	30.6	27.0	40.6
249	30.7	28.4	42.6

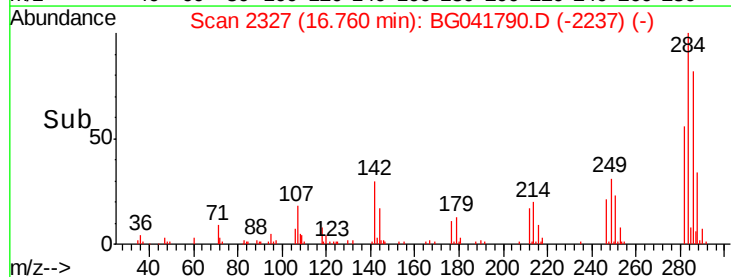
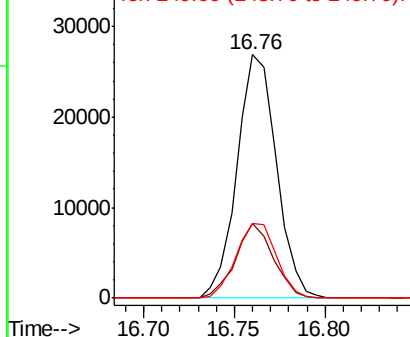


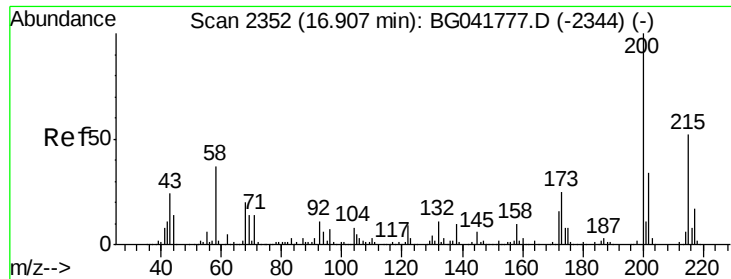
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





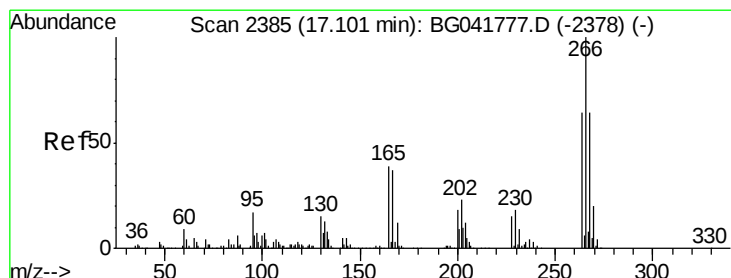
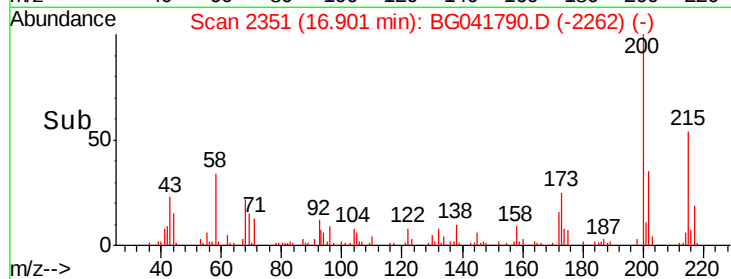
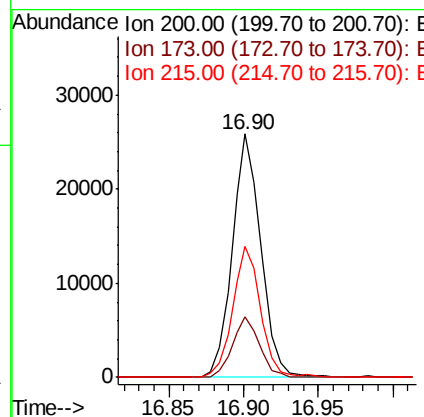
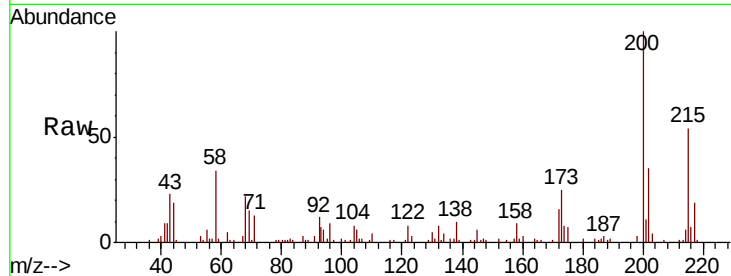
#69
 Atrazine
 Concen: 4.940 ng
 RT: 16.90 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.3	45.3
215	53.8	31.8	71.8

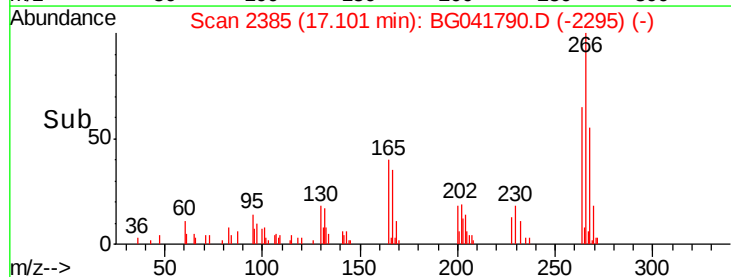
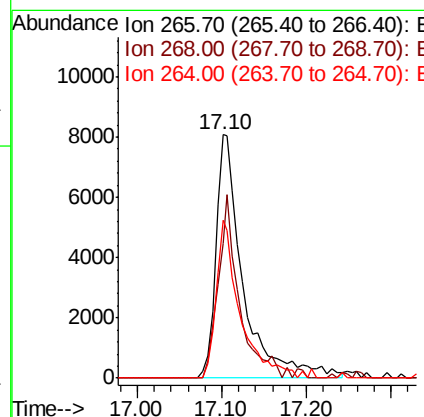
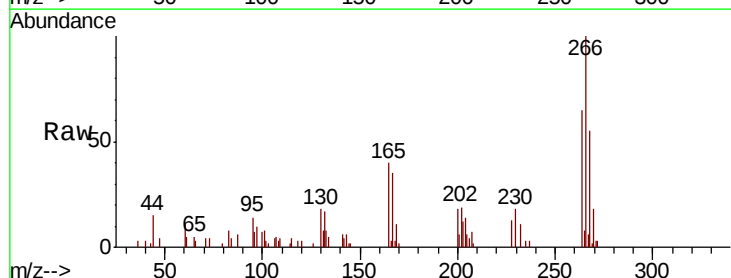
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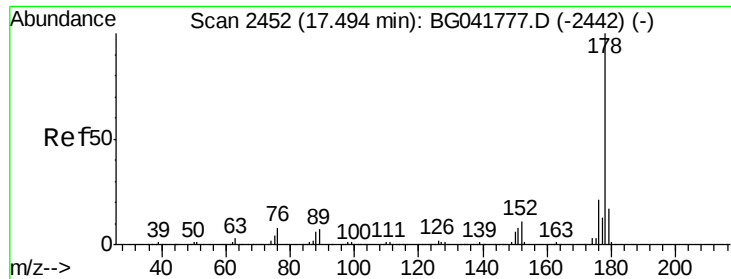
mohammad
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#70
 Pentachlorophenol
 Concen: 3.797 ng
 RT: 17.10 min Scan# 2385
 Delta R.T. 0.00 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	55.1	52.9	79.3
264	64.7	51.4	77.2





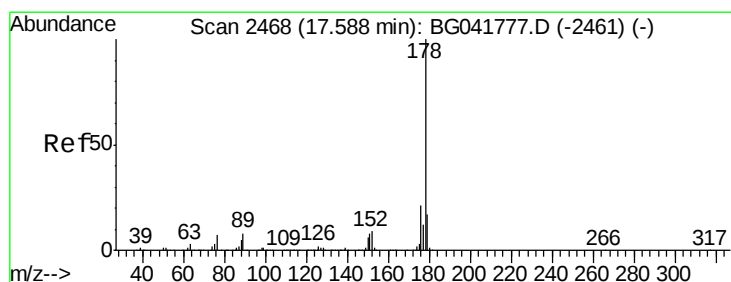
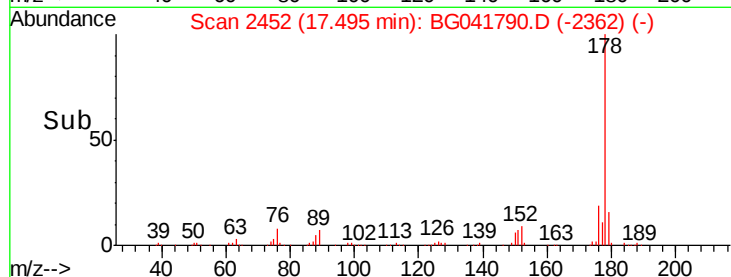
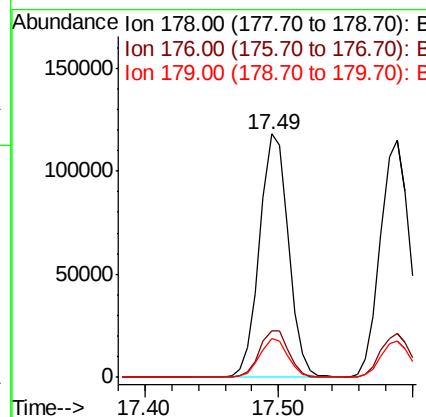
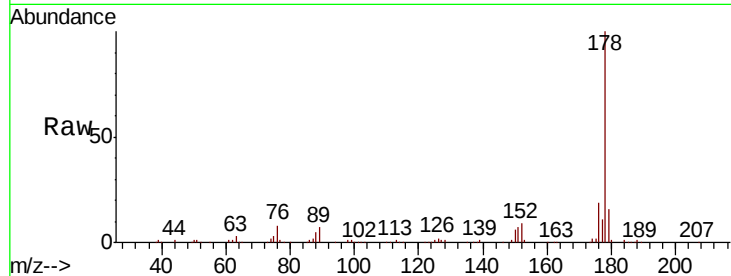
#71
Phenanthrene
Concen: 5.602 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	18.6	28.0
179	16.1	15.4	23.0

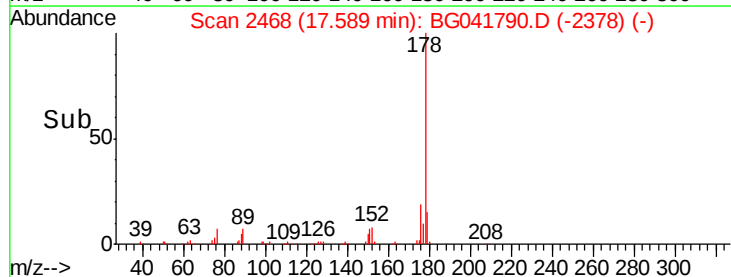
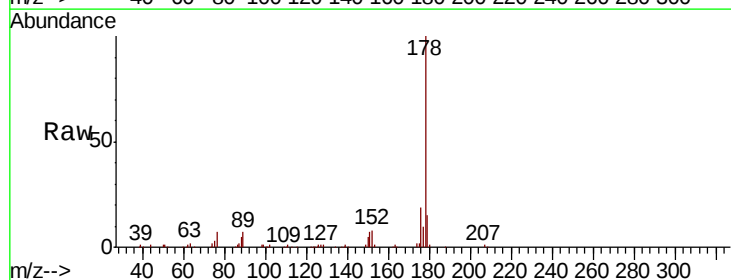
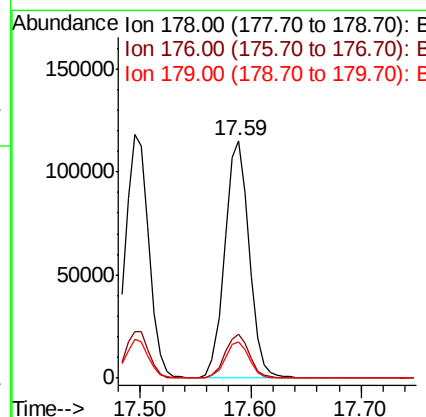
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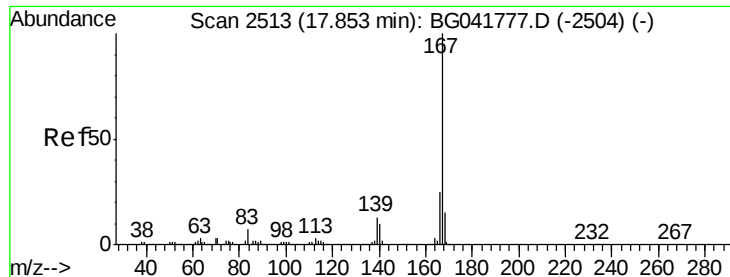
mohammad
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#72
Anthracene
Concen: 5.666 ng
RT: 17.59 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	18.6	28.0
179	15.1	15.1	22.7





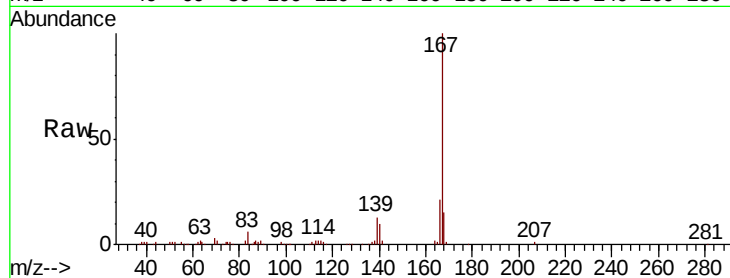
#73
 Carbazole
 Concen: 5.377 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
167	100	151225		
166	21.5		21.4	32.2
139	12.8		12.1	18.1

Manual Integrations
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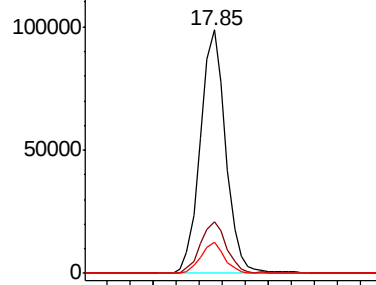


Abundance

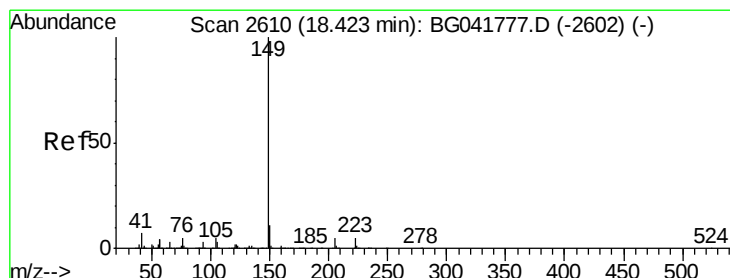
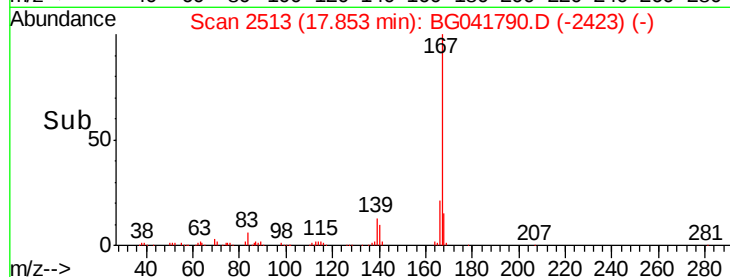
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

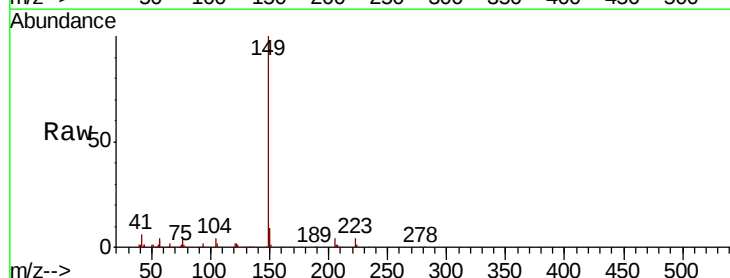


Time-->



#74
 Di-n-butylphthalate
 Concen: 5.327 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	169869		
150	9.4		10.2	15.2#
104	4.2		5.3	7.9#

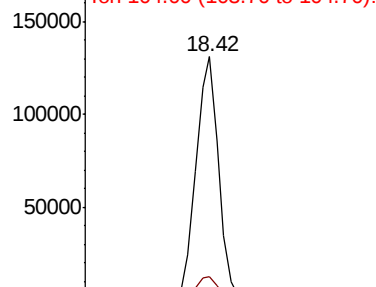


Abundance

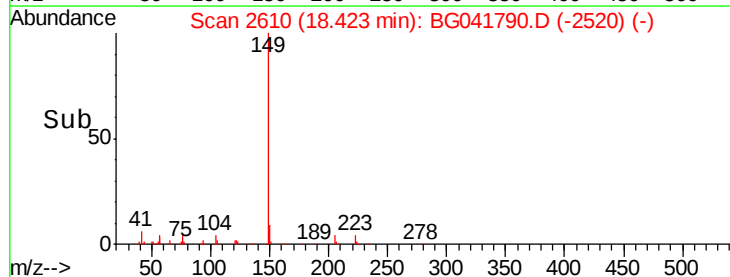
Ion 149.00 (148.70 to 149.70): E

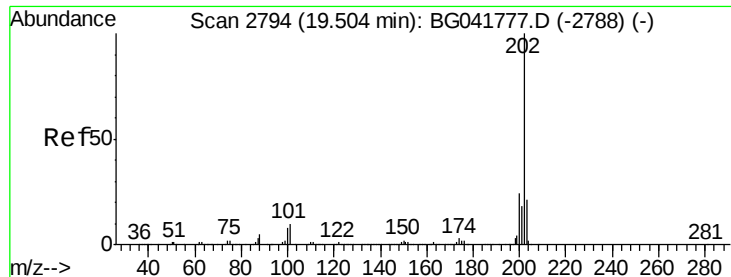
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 5.737 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

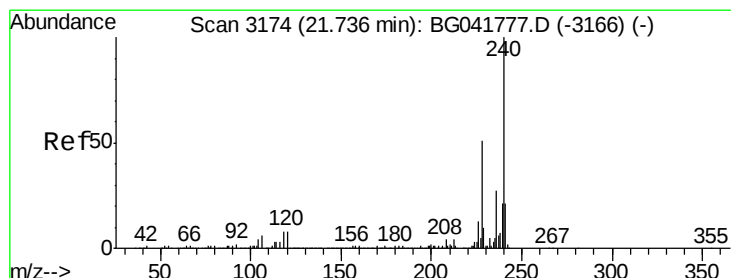
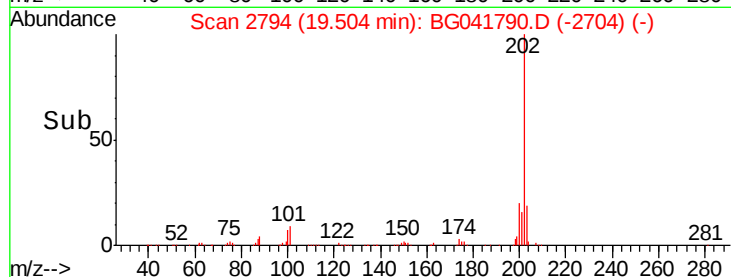
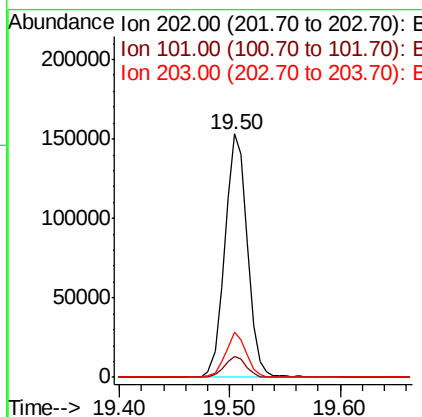
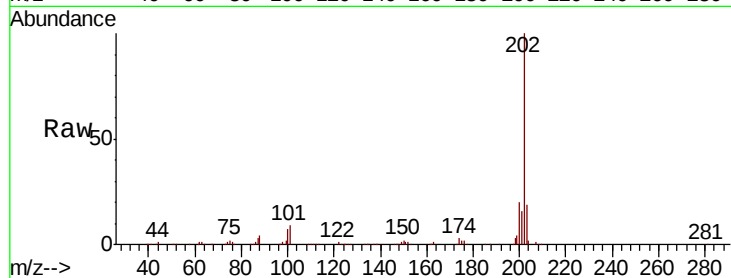
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	202	Resp:	219114
Ion Ratio		Lower	Upper
202	100		
101	8.5	0.0	32.8
203	18.6	3.7	43.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

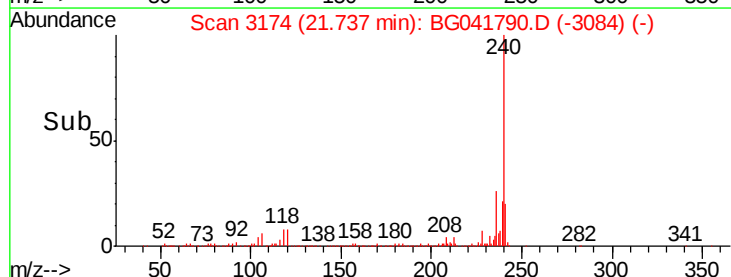
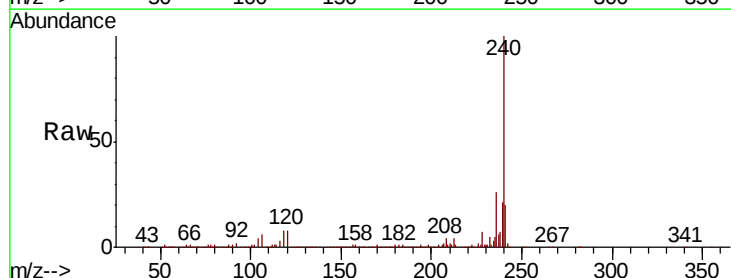
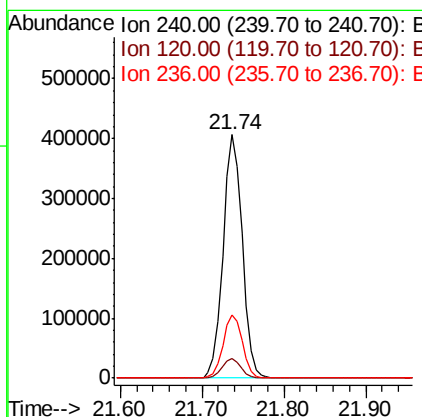
RT: 21.74 min Scan# 3174

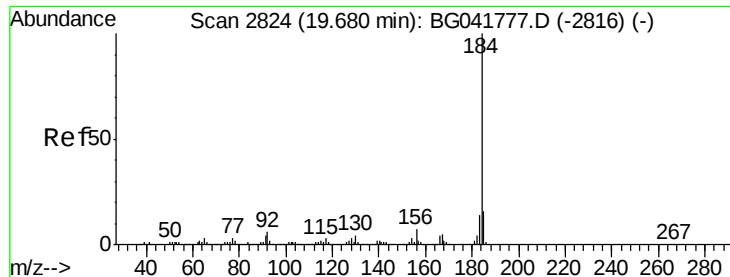
Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Tgt Ion:	240	Resp:	663122
Ion Ratio		Lower	Upper
240	100		
120	8.0	8.0	12.0#
236	26.1	22.6	33.8





#77

Benzidine

Concen: 4.674 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

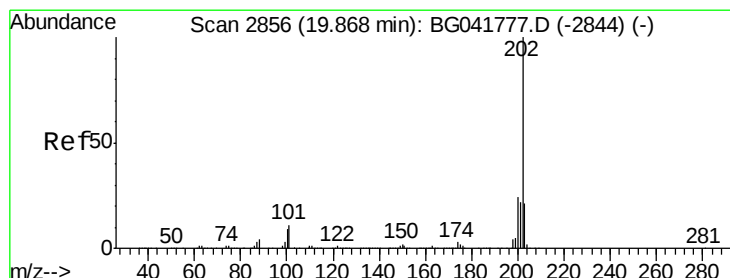
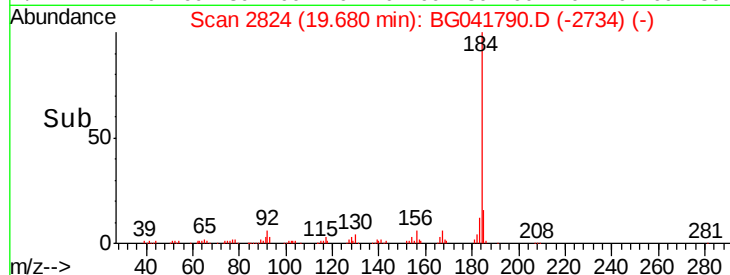
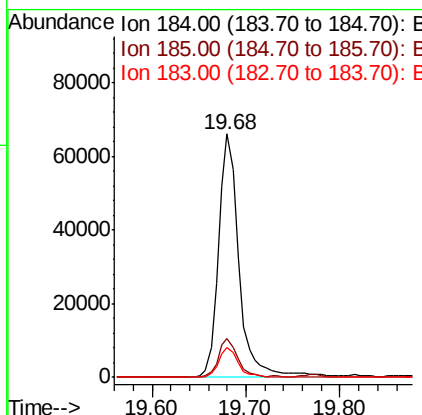
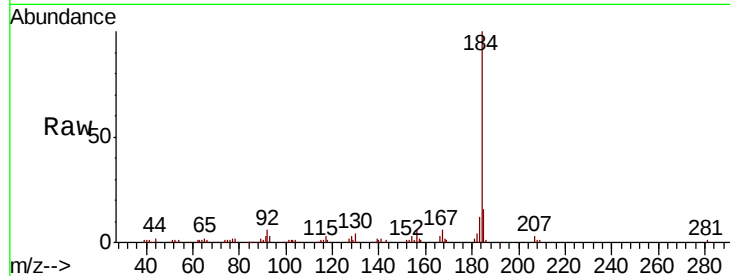
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	184	Resp:	101176
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.0	19.4
183	12.1	11.8	17.6

Manual Integrations
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#78

Pyrene

Concen: 5.763 ng

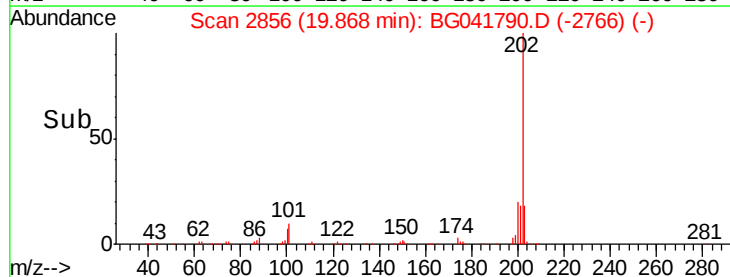
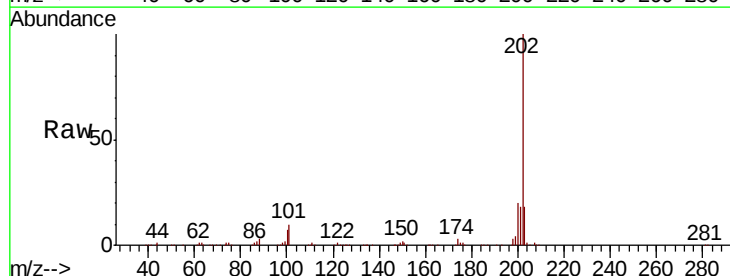
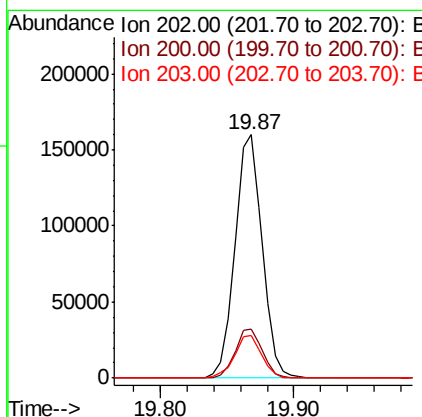
RT: 19.87 min Scan# 2856

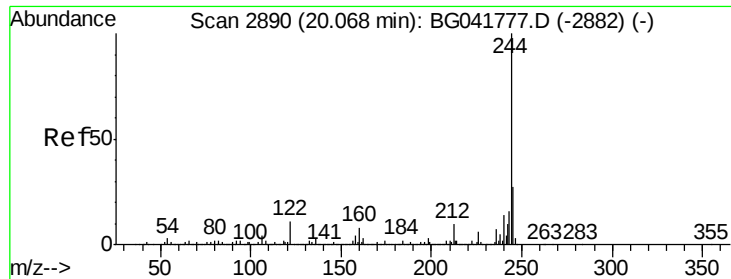
Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Tgt Ion:	202	Resp:	226428
Ion Ratio	Lower	Upper	
202	100		
200	20.0	22.2	33.2#
203	17.8	18.9	28.3#





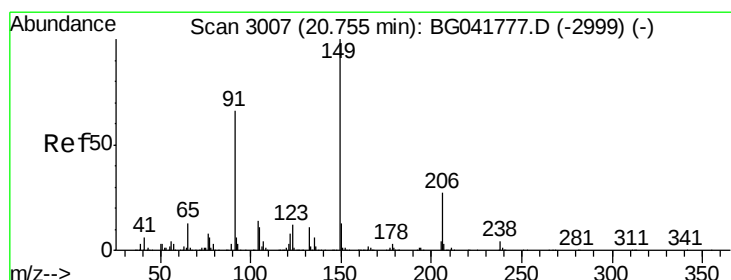
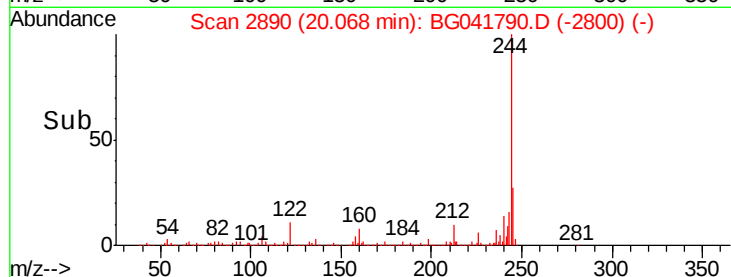
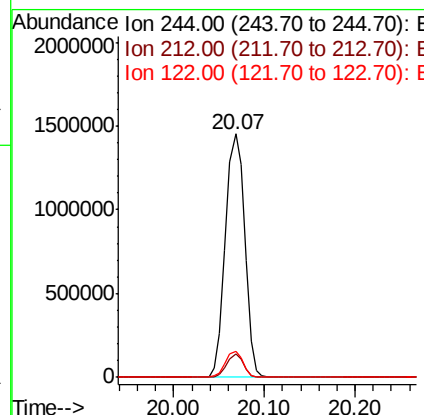
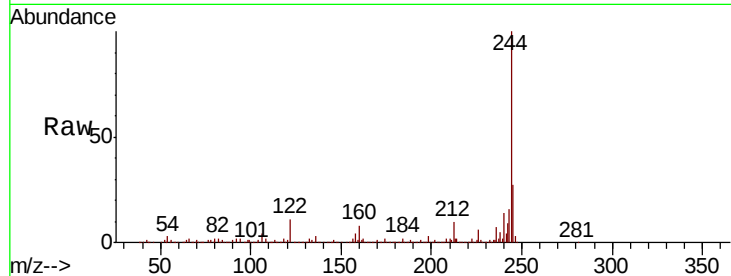
#79
 Terphenyl-d14
 Concen: 73.989 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	9.7	14.5#
122	10.8	12.5	18.7#

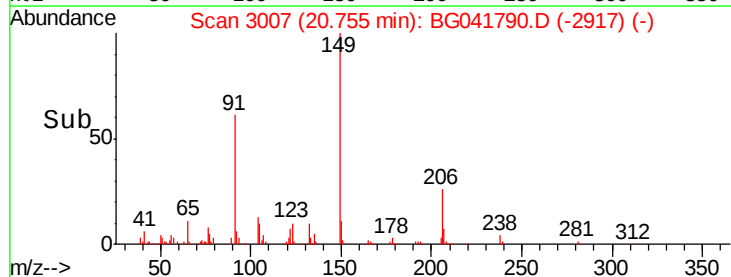
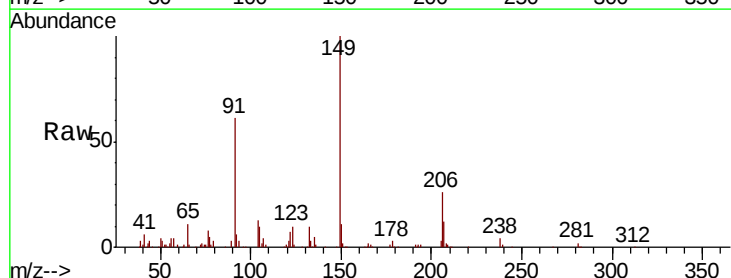
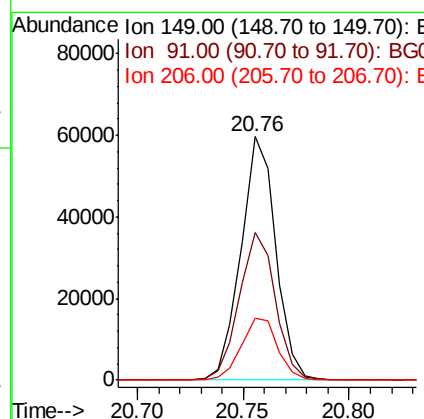
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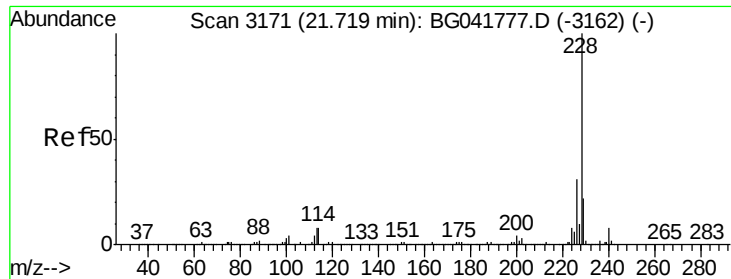
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#80
 Butylbenzylphthalate
 Concen: 4.532 ng
 RT: 20.76 min Scan# 3007
 Delta R.T. 0.00 min
 Lab File: BG041790.D
 Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.6	58.9	88.3
206	25.7	20.8	31.2





#81

Benzo(a)anthracene

Concen: 5.361 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

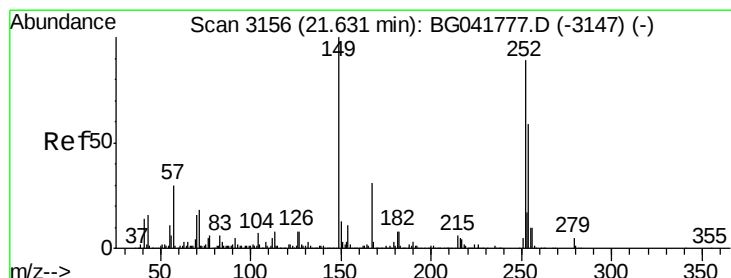
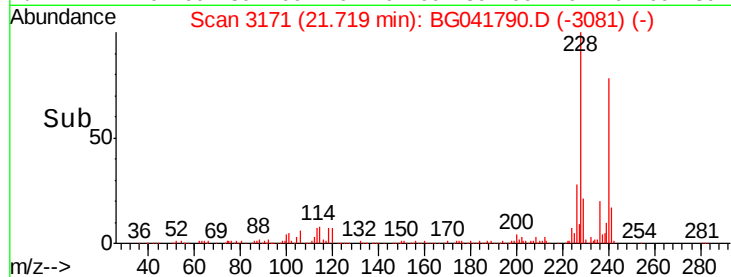
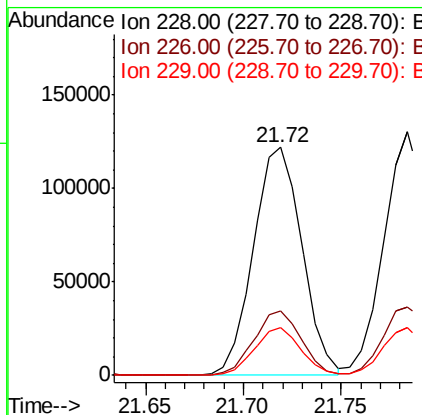
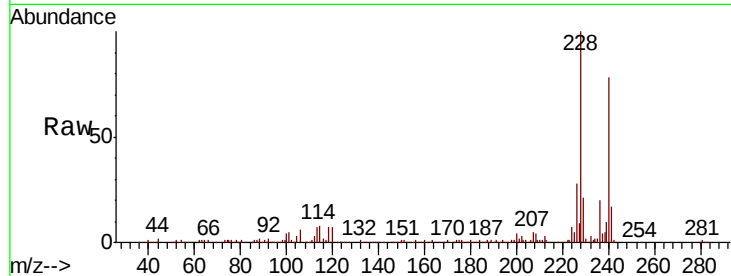
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	228	Resp:	210346
Ion Ratio	Lower	Upper	
228	100		
226	28.1	27.3	40.9
229	21.2	19.7	29.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 5.248 ng

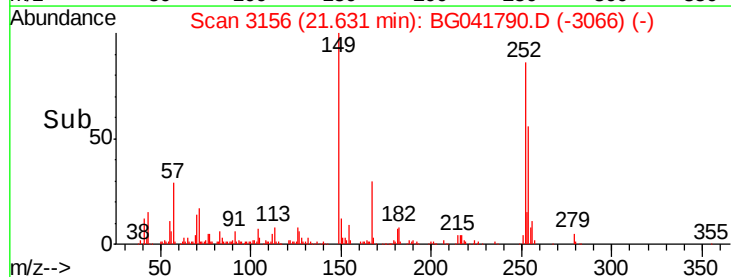
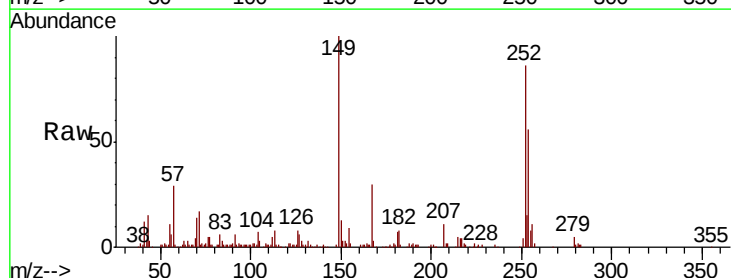
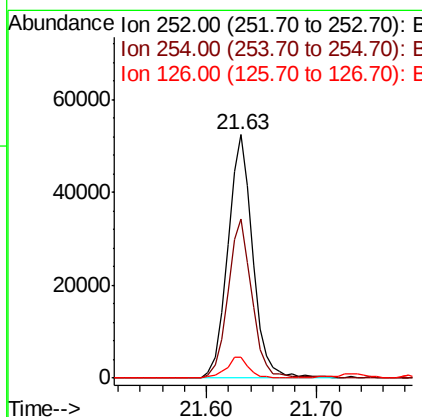
RT: 21.63 min Scan# 3156

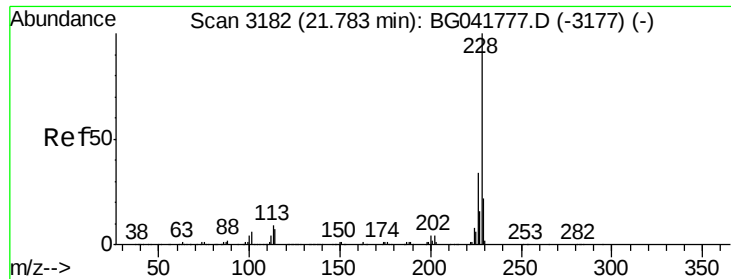
Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Tgt Ion:	252	Resp:	82660
Ion Ratio	Lower	Upper	
252	100		
254	65.6	53.8	80.6
126	8.8	7.8	11.8





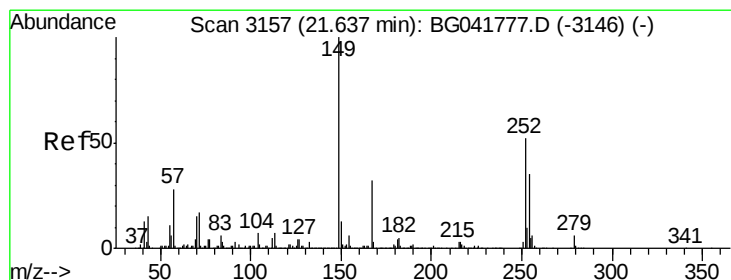
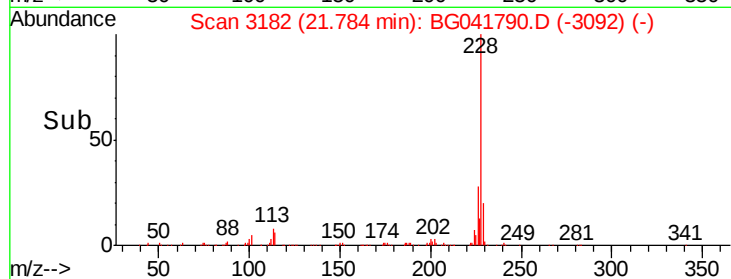
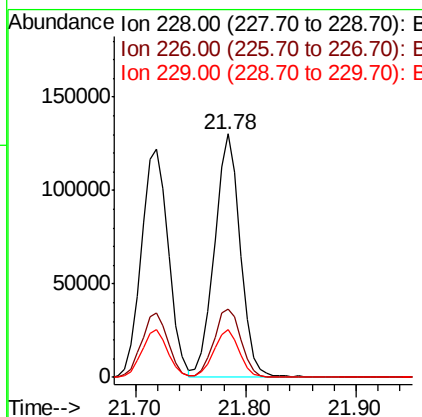
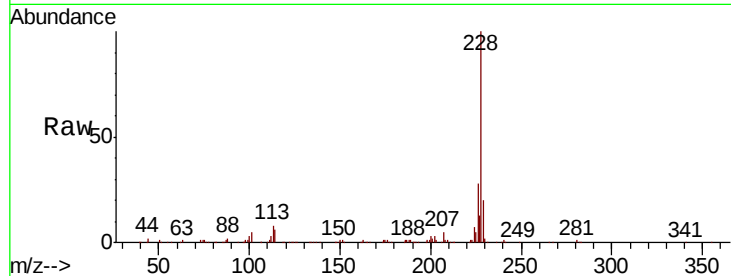
#83
Chrysene
Concen: 5.559 ng
RT: 21.78 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	30.1	45.1#
229	19.7	19.8	29.6#

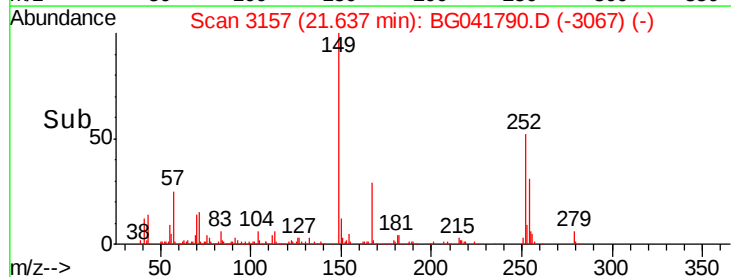
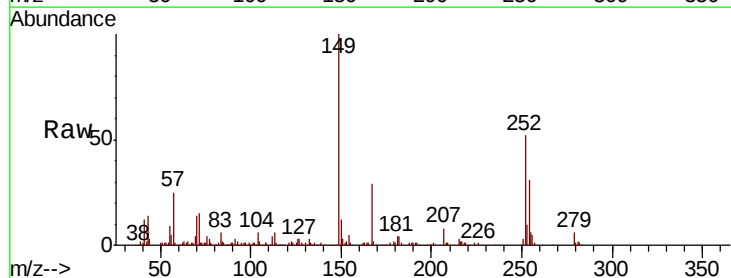
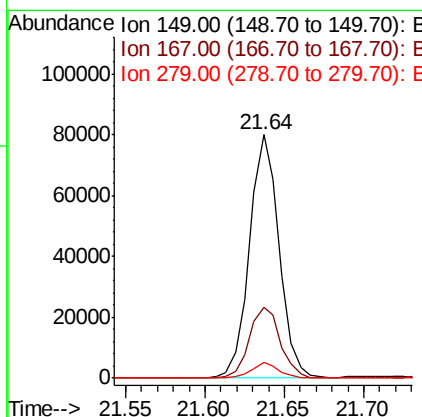
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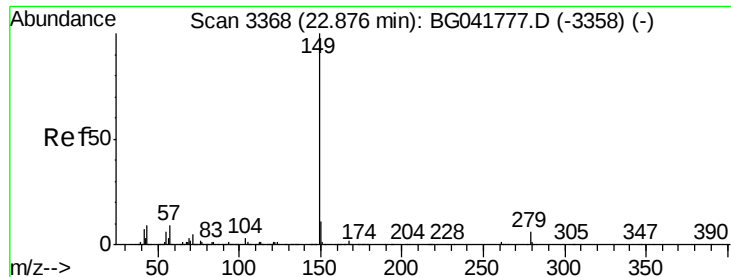
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.985 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	27.0	40.4
279	6.2	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 4.941 ng

RT: 22.88 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

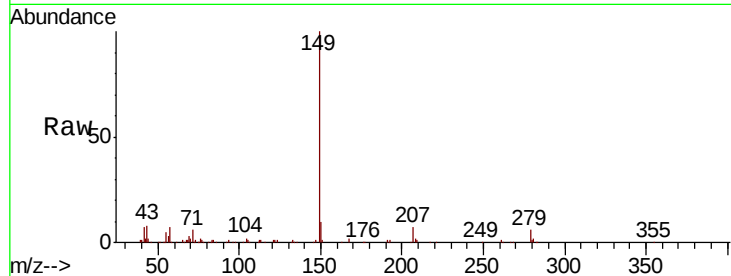
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

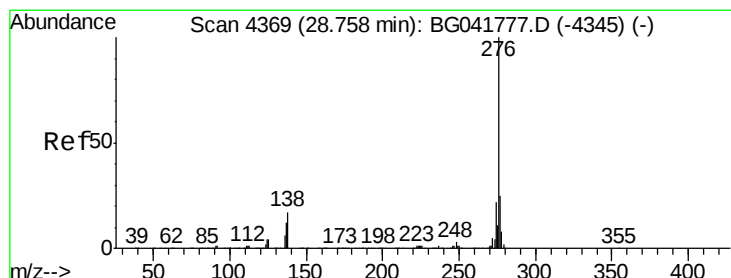
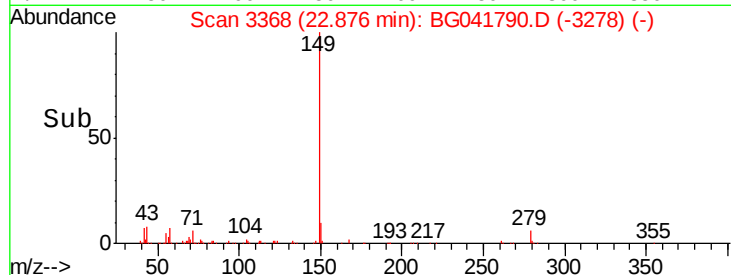
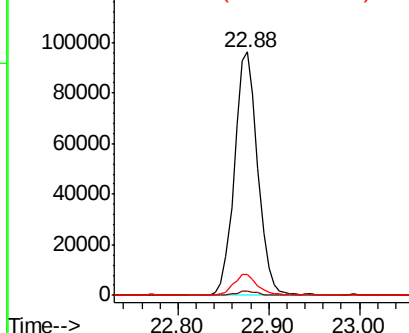
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		172771		
167	1.7	1.6	2.4		
43	9.1	10.6	16.0		

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 4.788 ng

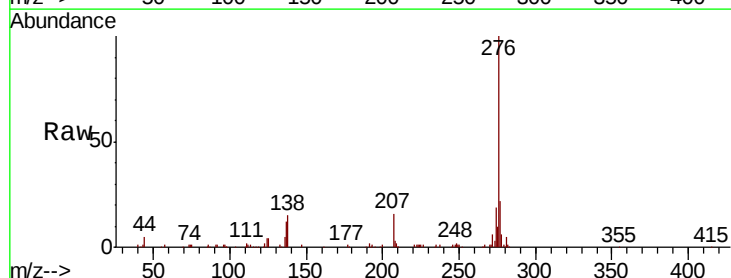
RT: 28.74 min Scan# 4366

Delta R.T. -0.02 min

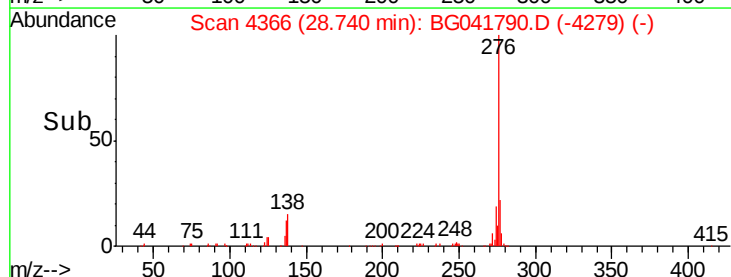
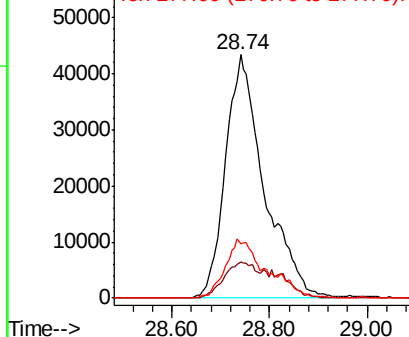
Lab File: BG041790.D

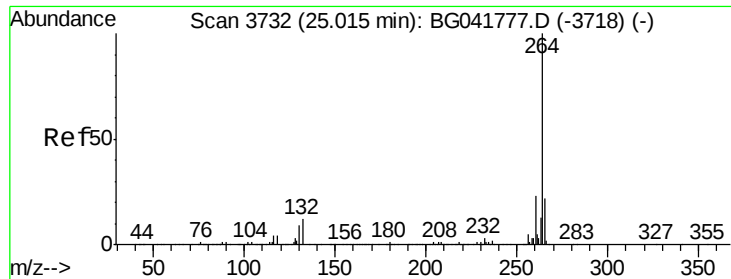
Acq: 29 Jul 2019 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		238371		
138	12.4	19.4	29.0		
277	21.8	21.2	31.8		



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





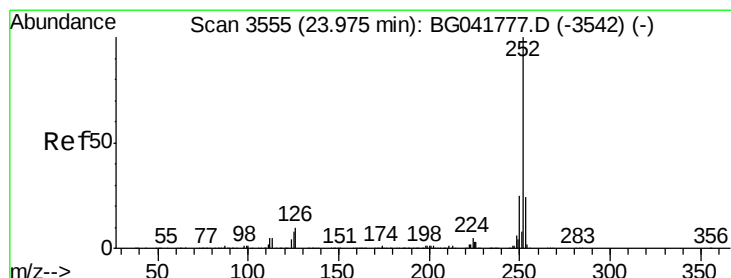
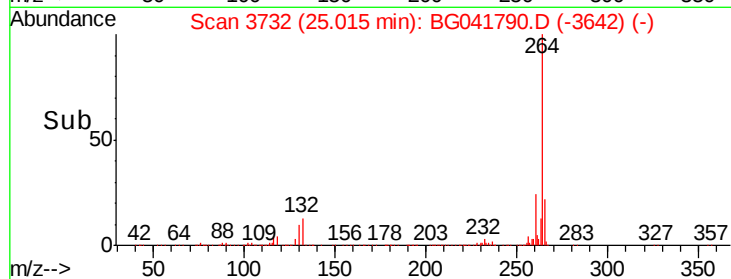
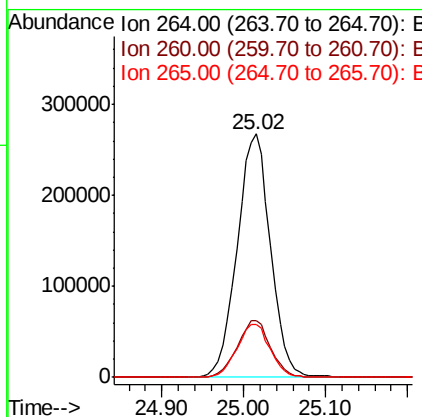
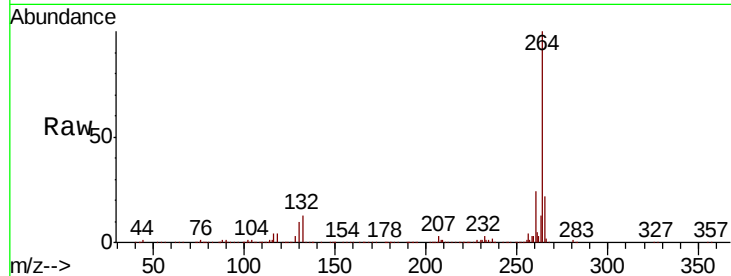
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.8	18.0	27.0

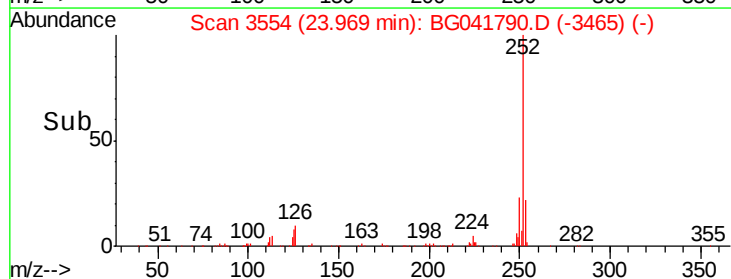
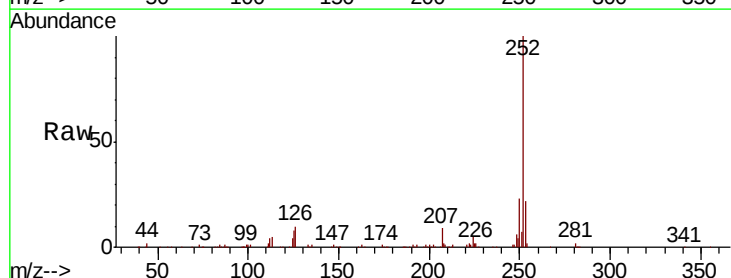
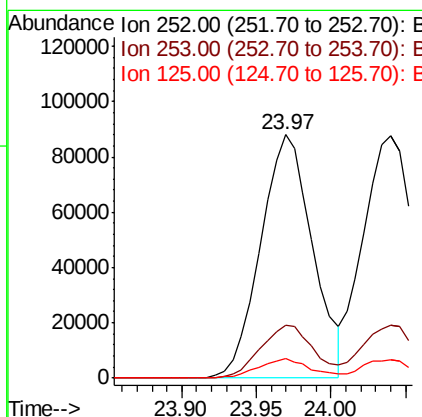
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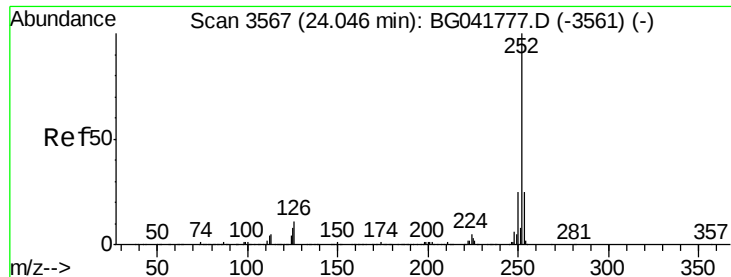
mohammad
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#88
Benzo(b)fluoranthene
Concen: 5.151 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	20.6	30.8
125	8.0	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 5.281 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Instrument :

BNA_G

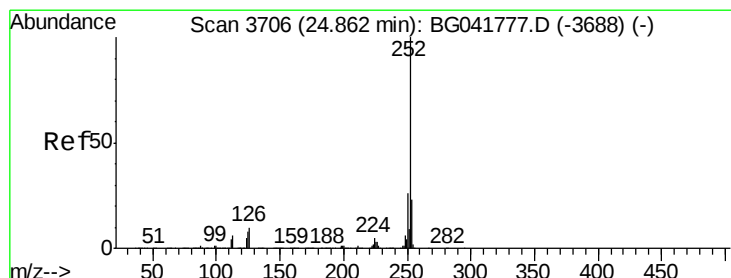
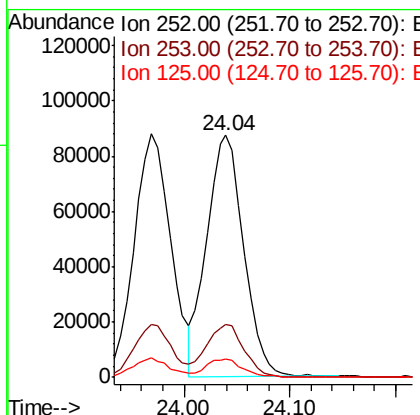
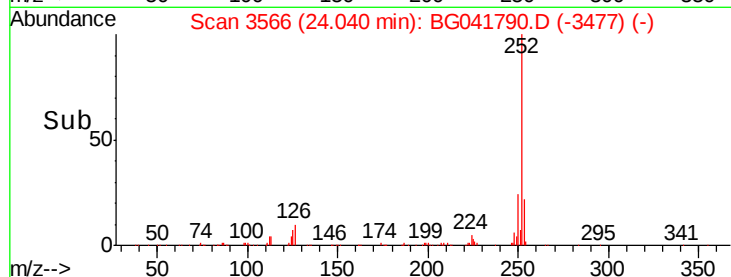
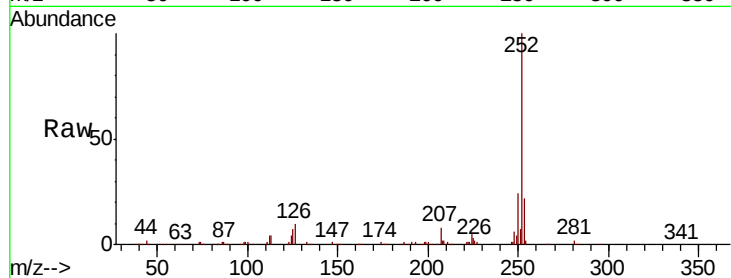
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	252	Resp:	212588
Ion Ratio	Lower	Upper	
252	100		
253	21.8	20.5	30.7
125	7.5	8.4	12.6#

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#90

Benzo(a)pyrene

Concen: 5.235 ng

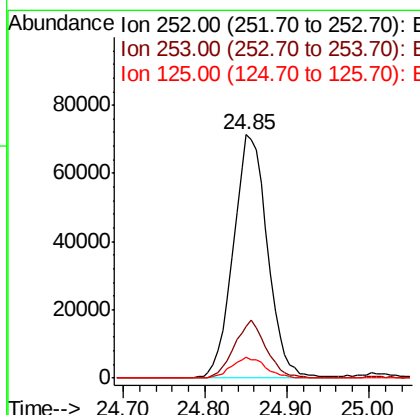
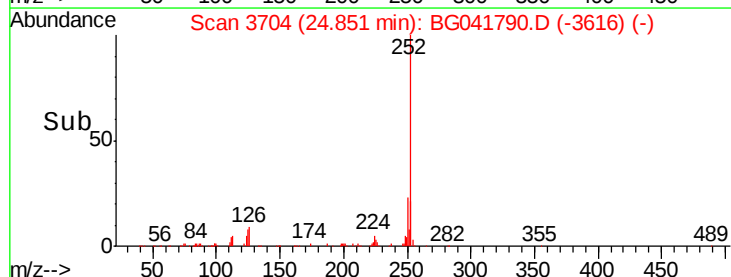
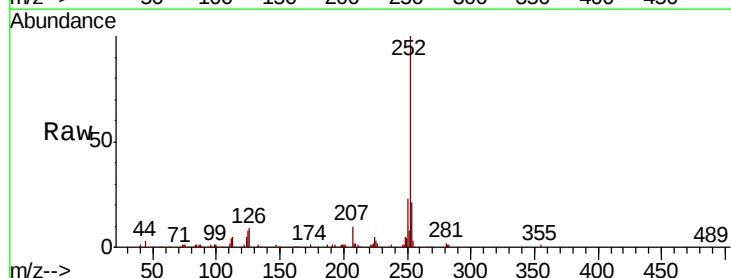
RT: 24.85 min Scan# 3704

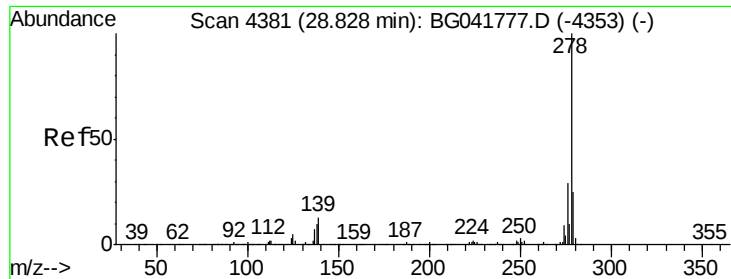
Delta R.T. -0.01 min

Lab File: BG041790.D

Acq: 29 Jul 2019 15:46

Tgt Ion:	252	Resp:	207477
Ion Ratio	Lower	Upper	
252	100		
253	21.2	19.8	29.8
125	8.5	8.8	13.2#





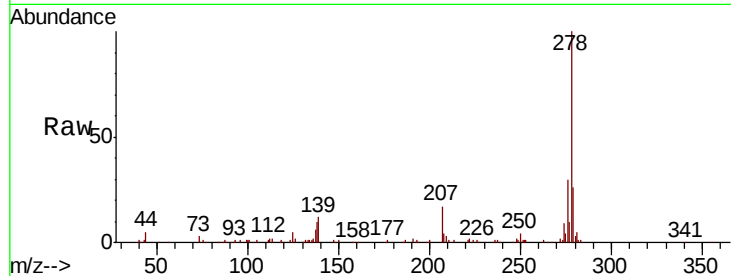
#91
Dibenzo(a,h)anthracene
Concen: 5.059 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.9	12.6	19.0#
279	26.1	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:29 PM

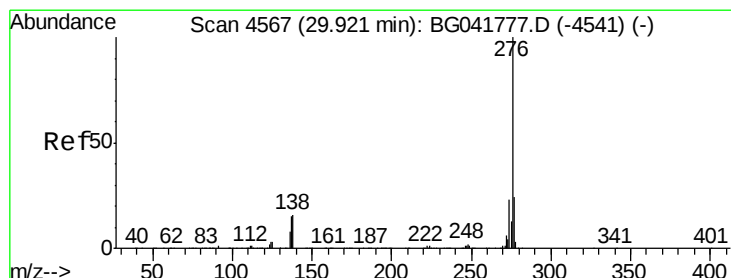
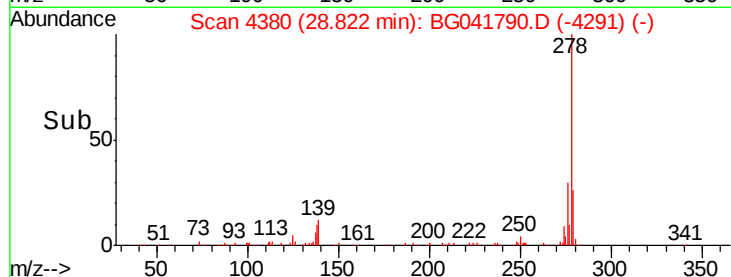
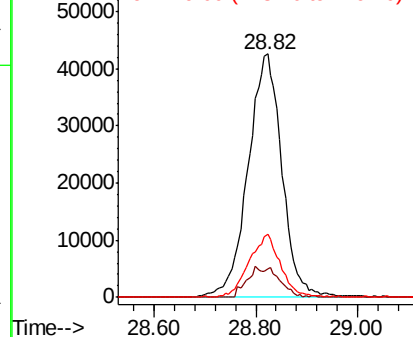


Abundance

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: 5.032 ng
RT: 29.91 min Scan# 4565
Delta R.T. -0.01 min
Lab File: BG041790.D
Acq: 29 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.8	29.8
138	15.0	16.6	25.0#

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

