

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
 Data File : BG041791.D
 Acq On : 29 Jul 2019 16:24
 Operator : HP/JU
 Sample : K3591-07
 Misc : LOD-WATER-8PPM
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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 7/30/2019 4:52:31 PM

Quant Time: Jul 30 07:51:58 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	98212	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	422380	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	308604	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	696160	20.00	ng	0.00
76) Chrysene-d12	21.74	240	683300	20.00	ng	0.00
87) Perylene-d12	25.01	264	780237	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	510352	101.10	ng	0.00
7) Phenol-d6	7.19	99	682322	100.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	515635	84.01	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	365331	104.22	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1420416	81.18	ng	0.00
79) Terphenyl-d14	20.06	244	2193836	73.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	20434	8.601	ng	87
3) Pyridine	3.88	79	41635	6.390	ng	89
4) n-Nitrosodimethylamine	3.79	42	17816	6.898	ng	# 93
6) Aniline	7.36	93	74277	7.751	ng	96
8) 2-Chlorophenol	7.60	128	45923	7.945	ng	96
9) Benzaldehyde	7.17	77	41505	8.668	ng	84
10) Phenol	7.21	94	55801	7.882	ng	92
11) bis(2-Chloroethyl)ether	7.46	93	44604	7.663	ng	92
12) 1,3-Dichlorobenzene	7.94	146	57352	7.602	ng	97
13) 1,4-Dichlorobenzene	8.08	146	58307	7.724	ng	95
14) 1,2-Dichlorobenzene	8.40	146	55164	7.658	ng	95
15) Benzyl Alcohol	8.28	79	39647	7.405	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	77849	7.518	ng	98
17) 2-Methylphenol	8.48	107	38763	7.528	ng	95
18) Hexachloroethane	9.15	117	19386	7.499	ng	88
19) n-Nitroso-di-n-propylamine	8.85	70	38619	7.816	ng	90
20) 3+4-Methylphenols	8.81	107	53991	7.663	ng	97
22) Acetophenone	8.87	105	77094	8.160	ng	# 87
24) Nitrobenzene	9.25	77	53353	8.251	ng	99
25) Isophorone	9.78	82	105718	7.918	ng	100
26) 2-Nitrophenol	9.97	139	23258	7.750	ng	96
27) 2,4-Dimethylphenol	10.03	122	44599	8.420	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	65365	7.834	ng	96
29) 2,4-Dichlorophenol	10.51	162	49252	7.636	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	63653	7.782	ng	96
31) Naphthalene	10.92	128	157531	8.149	ng	97
32) Benzoic acid	10.11	122	5187	9.850	ng	94
33) 4-Chloroaniline	11.02	127	67635	7.378	ng	97
34) Hexachlorobutadiene	11.22	225	39930	7.233	ng	91
35) Caprolactam	11.77	113	17895	7.983	ng	# 71
36) 4-Chloro-3-methylphenol	12.14	107	49225	7.698	ng	99
37) 2-Methylnaphthalene	12.53	142	124580	8.142	ng	99
38) 1-Methylnaphthalene	12.75	142	120519	8.311	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	77463	7.930	ng	# 98

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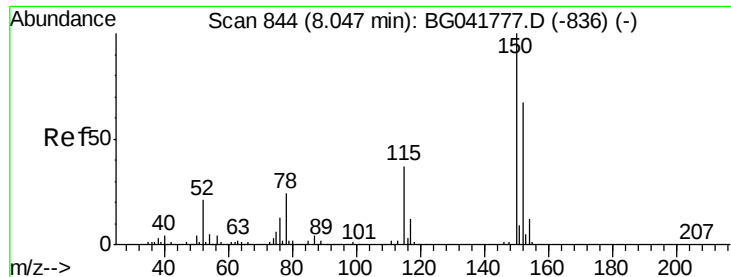
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Quant Time: Jul 30 07:51:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	41172	7.496	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	45131	7.310	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	50167	7.819	ng	98
46) 1,1'-Biphenyl	13.54	154	164932	8.314	ng	96
47) 2-Chloronaphthalene	13.58	162	134262	7.949	ng	92
48) 2-Nitroaniline	13.77	65	30622	7.149	ng	96
49) Acenaphthylene	14.42	152	216685	8.577	ng #	94
50) Dimethylphthalate	14.15	163	173583	8.236	ng	97
51) 2,6-Dinitrotoluene	14.26	165	36877	8.368	ng	89
52) Acenaphthene	14.76	154	127465	7.757	ng	93
53) 3-Nitroaniline	14.59	138	34309	7.277	ng #	96
54) 2,4-Dinitrophenol	14.80	184	9216	7.982	ng	95
55) Dibenzofuran	15.10	168	220197	8.761	ng	90
56) 4-Nitrophenol	14.89	139	25331	7.078	ng	87
57) 2,4-Dinitrotoluene	15.05	165	46906	7.739	ng	92
58) Fluorene	15.75	166	173360	8.595	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	46917	7.383	ng	96
60) Diethylphthalate	15.52	149	171315	8.279	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	100840	8.189	ng	96
62) 4-Nitroaniline	15.75	138	37427	7.329	ng	95
63) Azobenzene	16.04	77	139123	8.231	ng	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	21335	12.220	ng	90
66) n-Nitrosodiphenylamine	15.95	169	161003	8.490	ng	92
67) 4-Bromophenyl-phenylether	16.64	248	65891	7.684	ng	98
68) Hexachlorobenzene	16.76	284	67912	7.570	ng	95
69) Atrazine	16.90	200	57004	7.651	ng	98
70) Pentachlorophenol	17.10	266	31111	6.104	ng	97
71) Phenanthrene	17.50	178	290596m	8.709	ng	
72) Anthracene	17.58	178	292574	8.791	ng	93
73) Carbazole	17.85	167	254978	8.536	ng	92
74) Di-n-butylphthalate	18.42	149	286170	8.451	ng #	93
75) Fluoranthene	19.51	202	362042	8.926	ng	90
77) Benzidine	19.68	184	170703	7.654	ng	97
78) Pyrene	19.86	202	377848	9.333	ng #	87
80) Butylbenzylphthalate	20.76	149	116686	7.518	ng	89
81) Benzo(a)anthracene	21.72	228	350304m	8.665	ng	
82) 3,3'-Dichlorobenzidine	21.63	252	136605	8.416	ng #	97
83) Chrysene	21.78	228	338360	8.731	ng	90
84) Bis(2-ethylhexyl)phthalate	21.63	149	174527	8.151	ng	91
85) Di-n-octyl phthalate	22.87	149	287010	7.965	ng #	91
86) Indeno(1,2,3-cd)pyrene	28.74	276	391856	7.639	ng #	82
88) Benzo(b)fluoranthene	23.97	252	346909	8.128	ng	93
89) Benzo(k)fluoranthene	24.04	252	358566	8.624	ng #	94
90) Benzo(a)pyrene	24.85	252	341414	8.340	ng #	93
91) Dibenzo(a,h)anthracene	28.81	278	325686	8.103	ng	95
92) Benzo(g,h,i)perylene	29.90	276	323297	8.051	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG041791.D

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BNA_G

ClientSampleId :

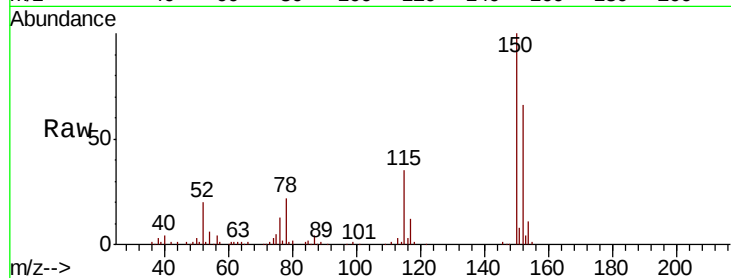
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	152	Resp:	98212
Ion Ratio	Lower	Upper	
152	100		
150	152.0	126.9	190.3
115	53.1	45.0	67.6

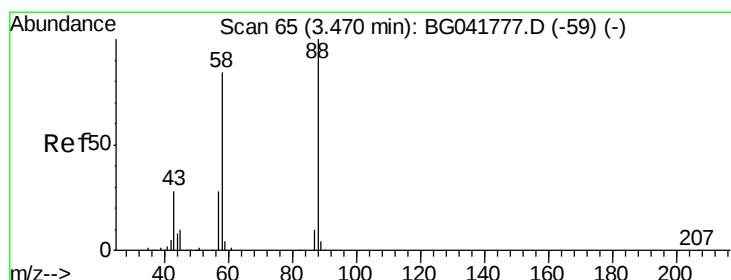
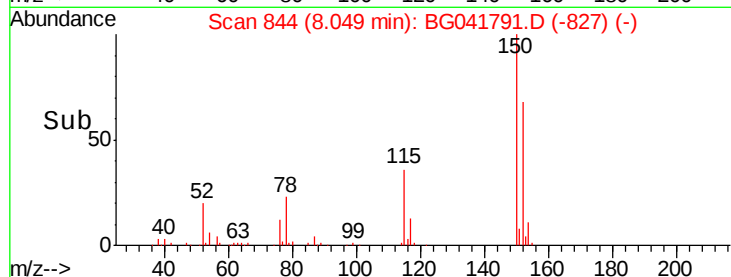
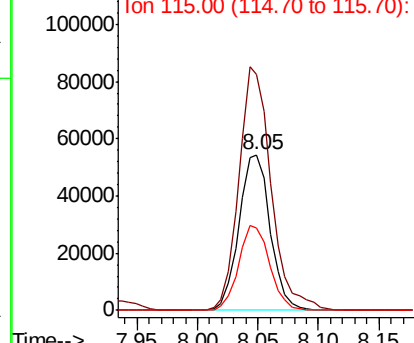
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.601 ng

RT: 3.47 min Scan# 65

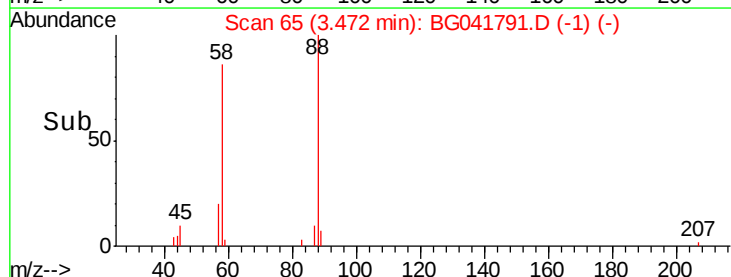
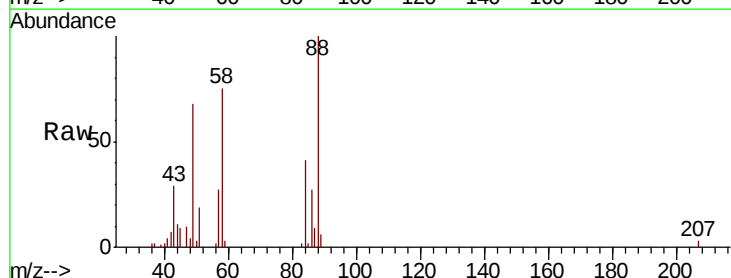
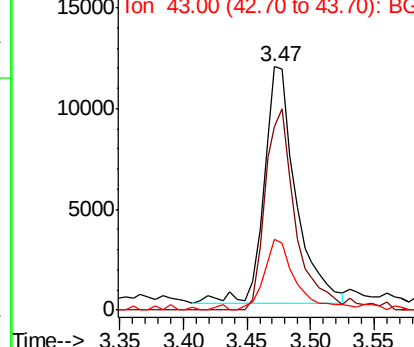
Delta R.T. 0.00 min

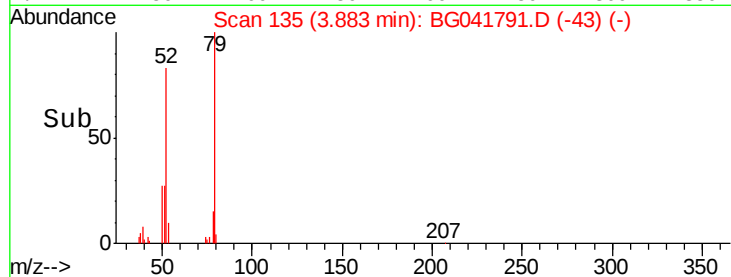
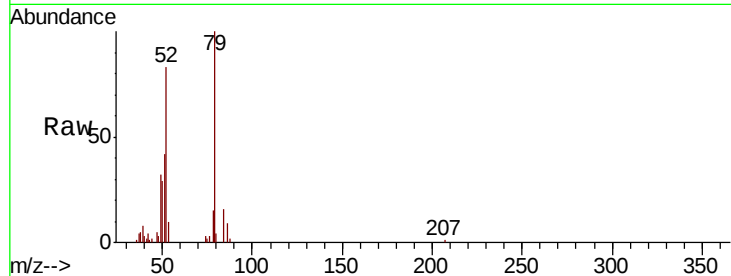
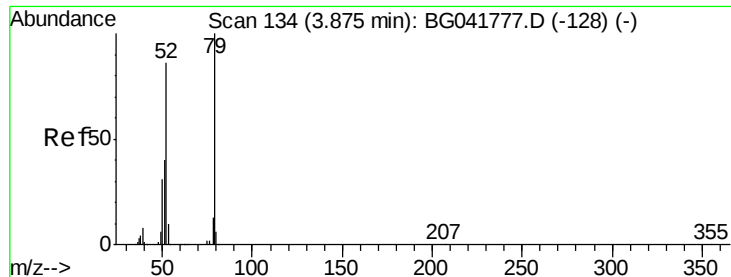
Lab File: BG041791.D

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Tgt Ion:	88	Resp:	20434
Ion Ratio	Lower	Upper	
88	100		
58	80.7	76.2	114.2
43	29.9	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





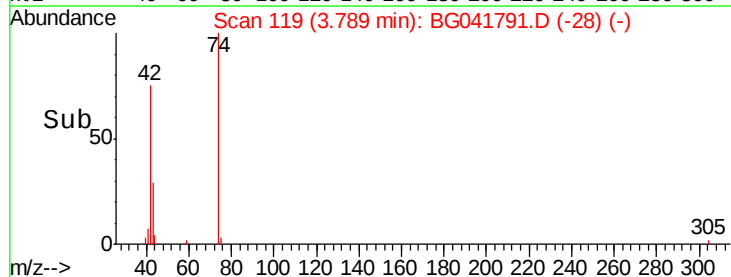
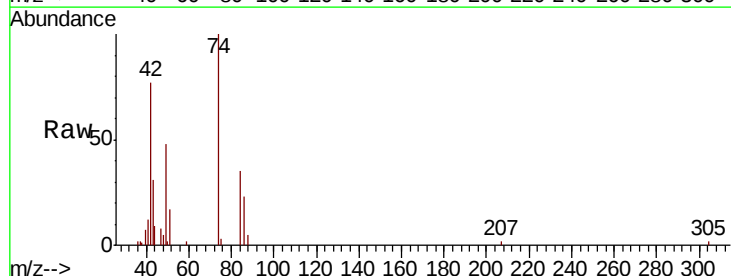
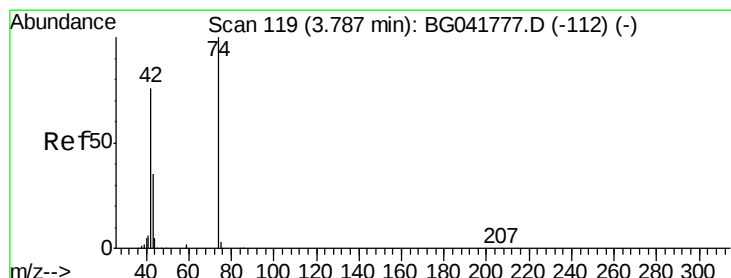
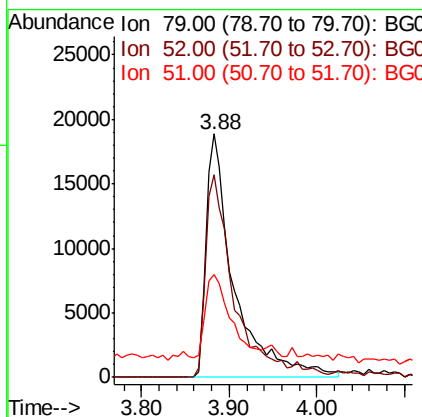
#3
Pvridine
Concen: 6.390 ng
RT: 3.88 min Scan# 135
Delta R.T. 0.01 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.3	77.1	115.7
51	42.5	37.8	56.8

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

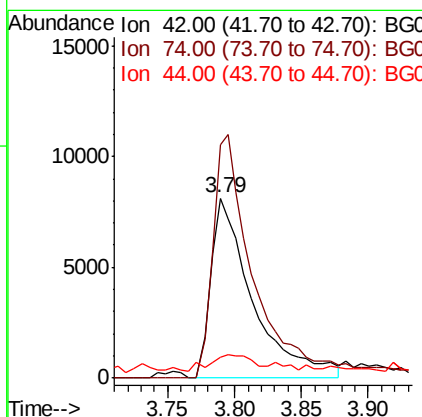
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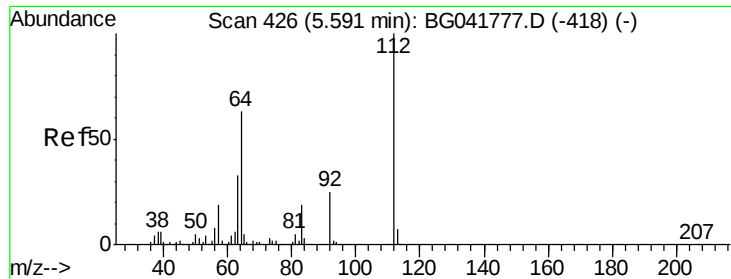
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#4
n-Nitrosodimethylamine
Concen: 6.898 ng
RT: 3.79 min Scan# 119
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.8	97.4	146.2
44	11.7	6.6	9.8#





#5

2-Fluorophenol

Concen: 101.103 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

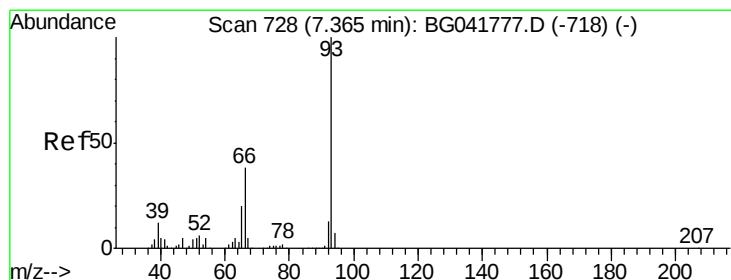
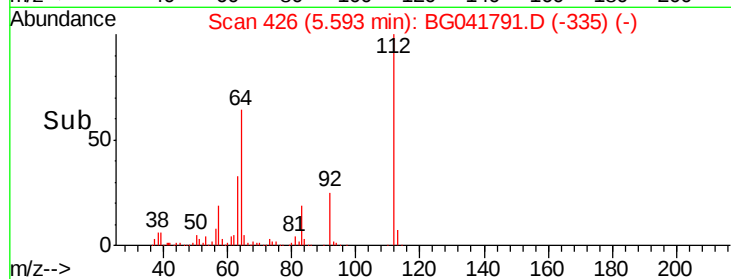
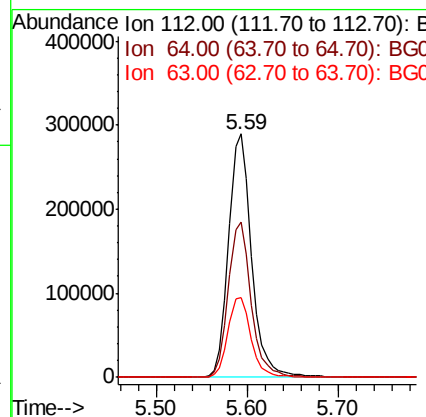
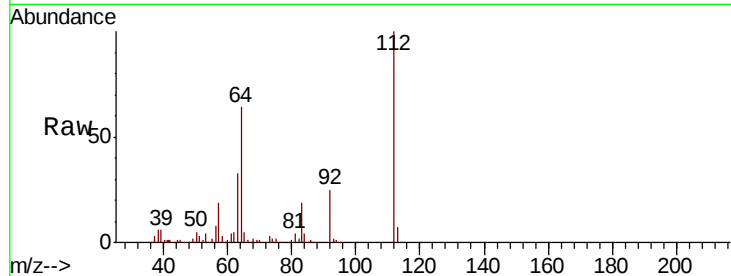
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
112	100	510352		
64	63.9	55.4	83.2	
63	33.0	29.1	43.7	

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#6

Aniline

Concen: 7.751 ng

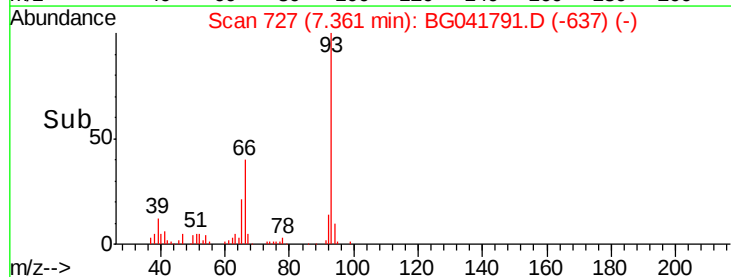
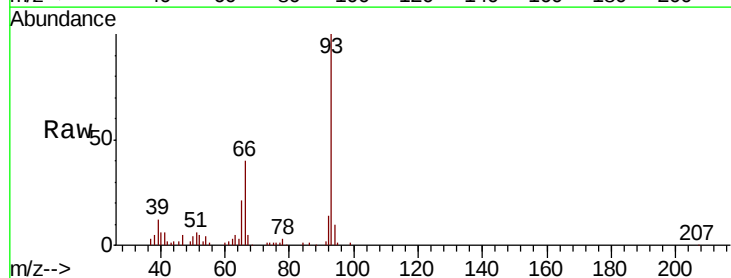
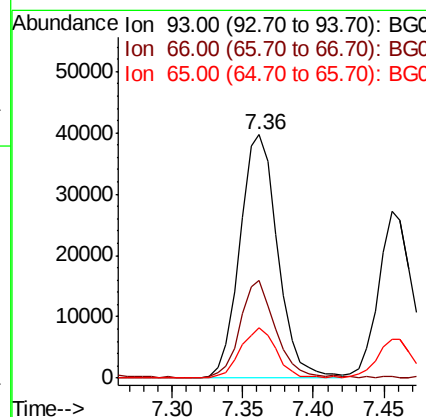
RT: 7.36 min Scan# 727

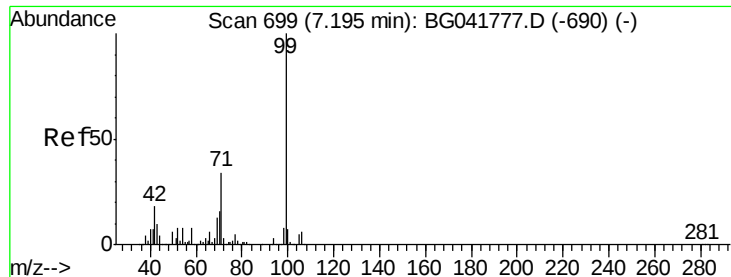
Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	74277		
66	40.1	34.2	51.2	
65	20.7	18.2	27.2	





#7

Phenol-d6

Concen: 100.263 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampled :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 99 Resp: 682322

Ion Ratio Lower Upper

99 100

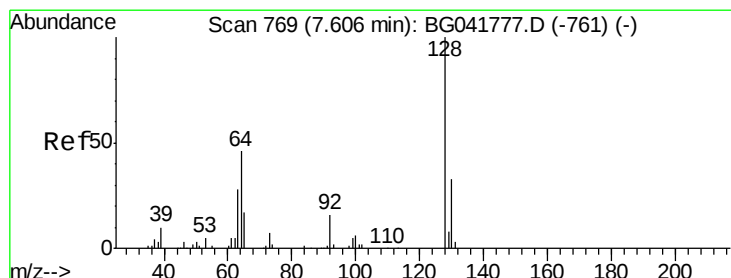
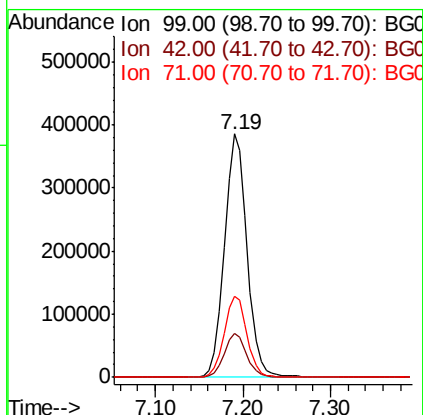
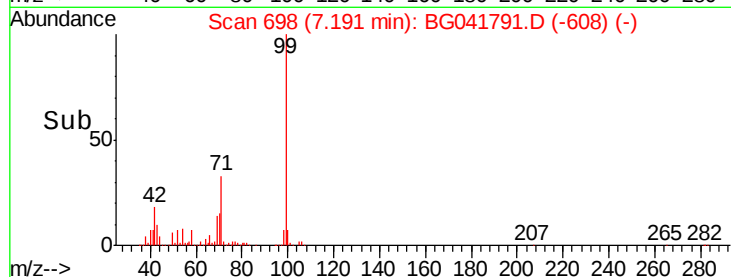
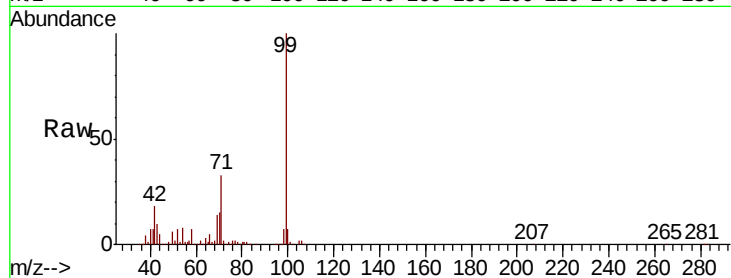
42 18.1 17.6 26.4

71 33.4 27.8 41.6

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#8

2-Chlorophenol

Concen: 7.945 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

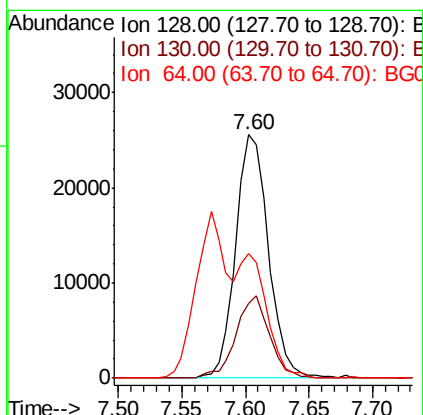
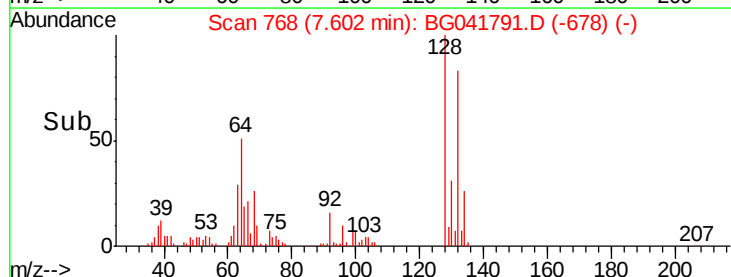
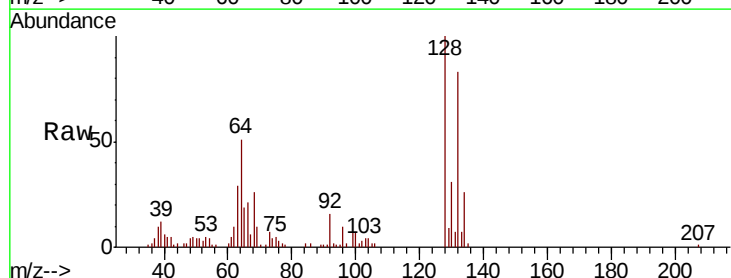
Tgt Ion: 128 Resp: 45923

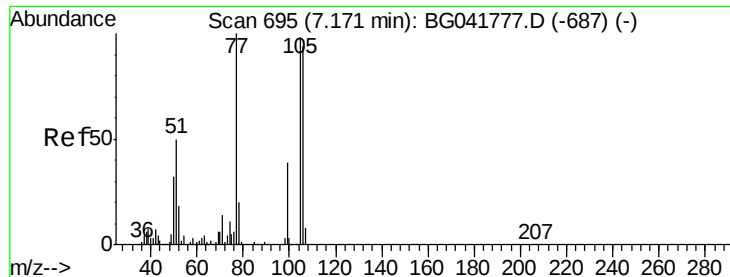
Ion Ratio Lower Upper

128 100

130 30.7 12.4 52.4

64 51.4 34.9 74.9





#9

Benzaldehyde

Concen: 8.668 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

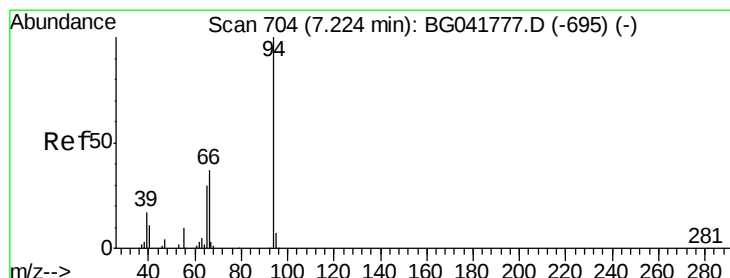
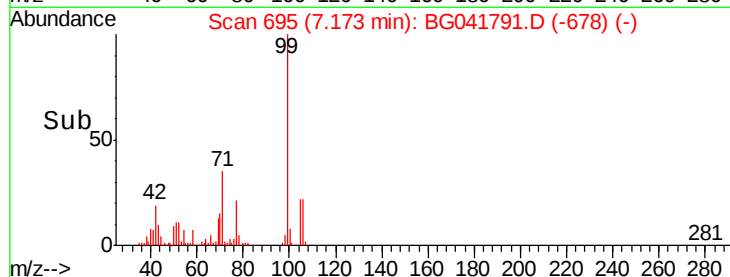
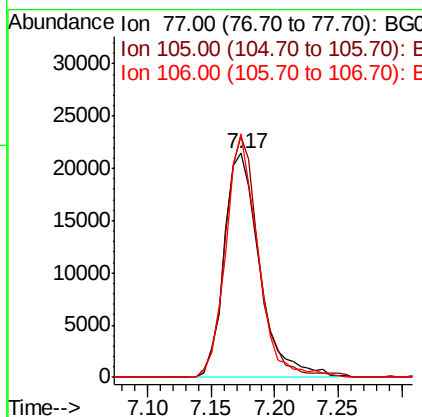
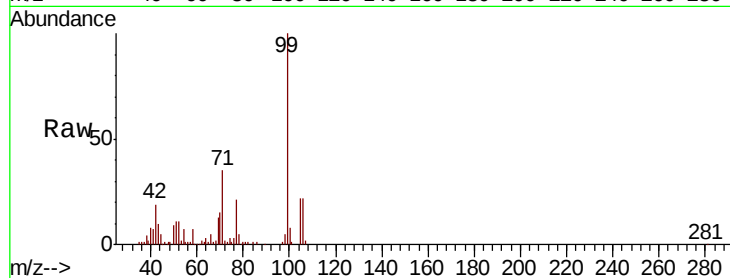
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	77	Resp:	41505
Ion	Ratio	Lower	Upper
77	100		
105	107.4	74.6	114.6
106	108.7	71.1	111.1

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#10

Phenol

Concen: 7.882 ng

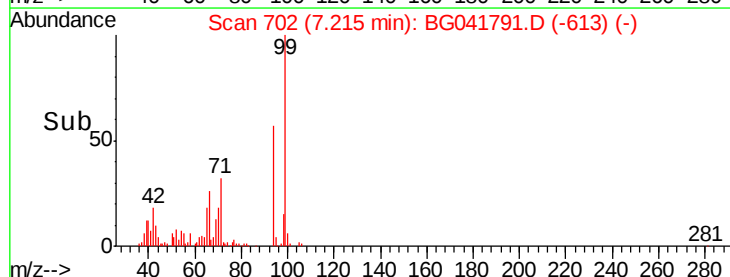
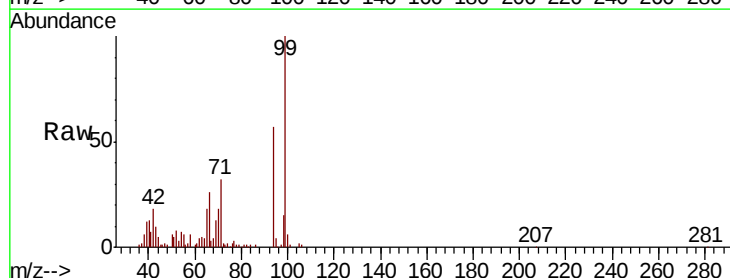
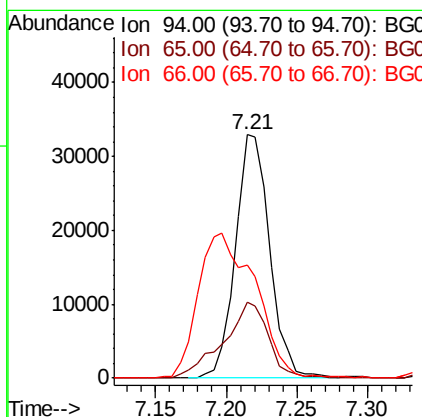
RT: 7.21 min Scan# 702

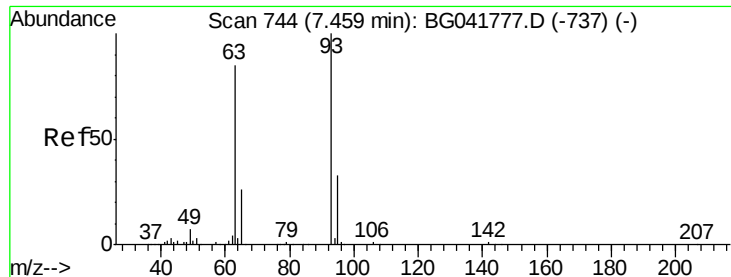
Delta R.T. -0.01 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Tgt Ion:	94	Resp:	55801
Ion	Ratio	Lower	Upper
94	100		
65	31.0	10.6	50.6
66	46.3	18.2	58.2





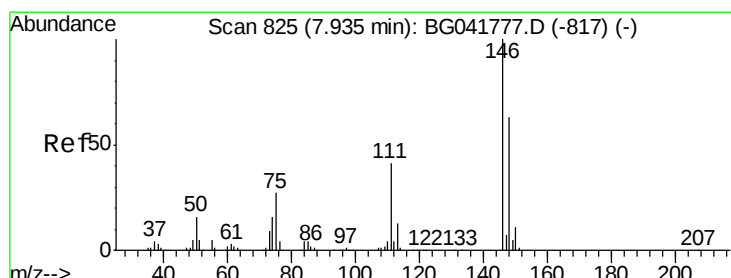
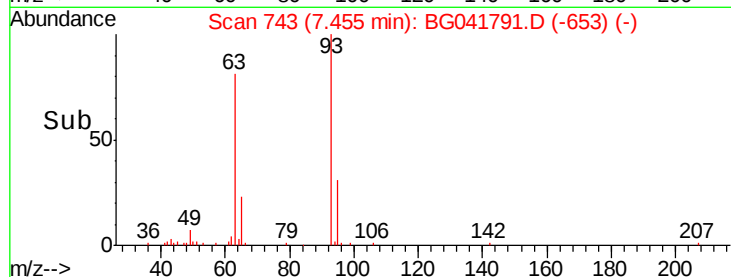
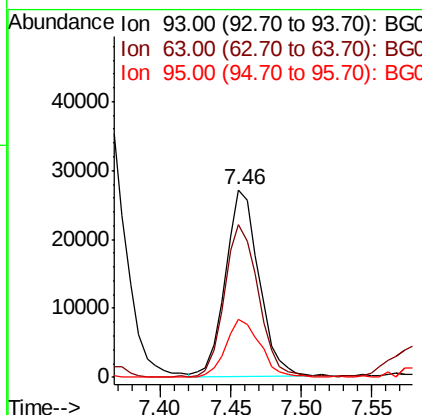
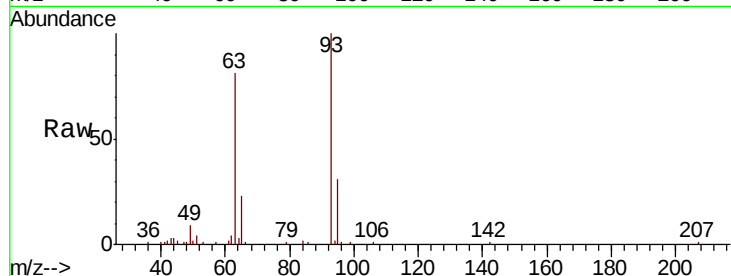
#11
bis(2-Chloroethyl)ether
Concen: 7.663 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.1	70.4	110.4
95	30.6	12.8	52.8

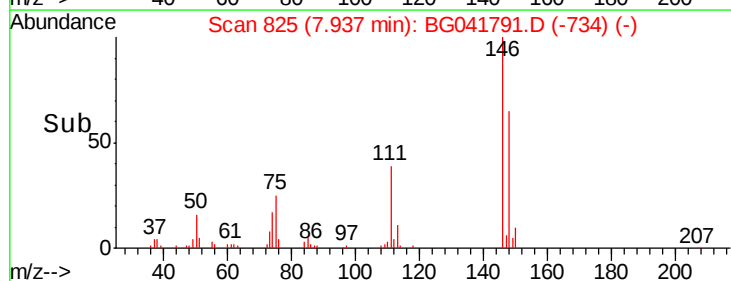
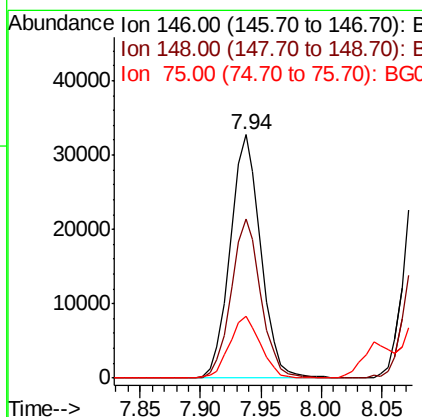
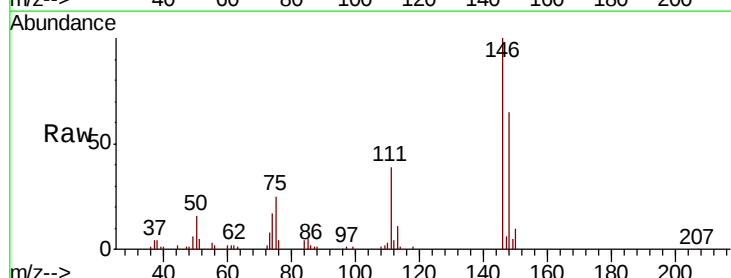
Manual Integrations
APPROVED

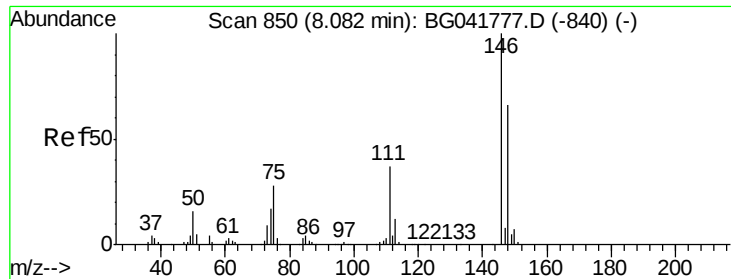
mohammad
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#12
1,3-Dichlorobenzene
Concen: 7.602 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.5	77.3
75	25.4	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 7.724 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

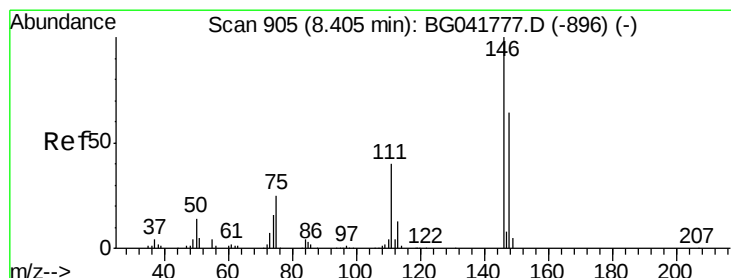
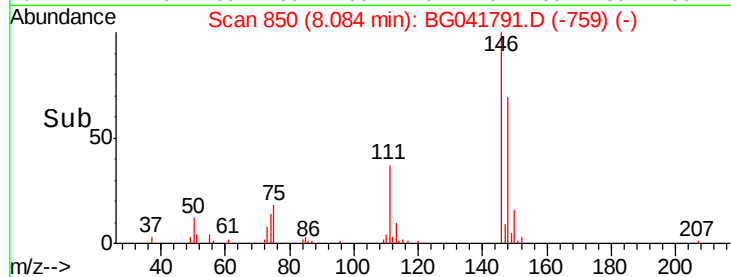
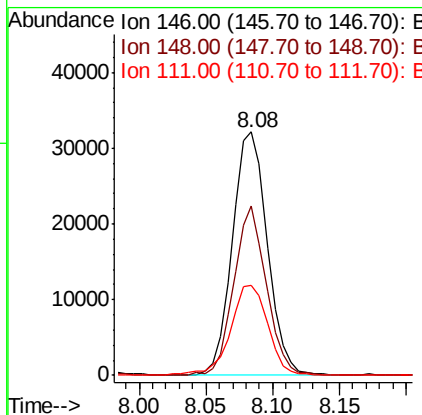
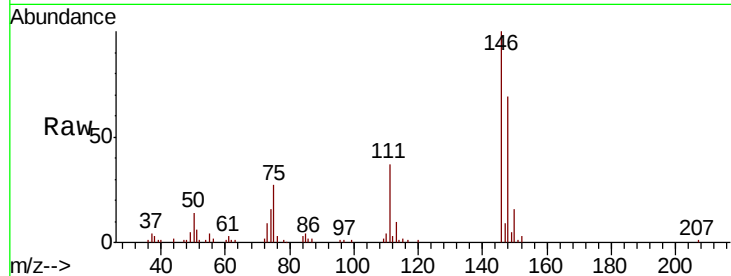
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	146	Resp:	58307
Ion Ratio	Lower	Upper	
146	100		
148	69.5	52.6	79.0
111	37.2	32.5	48.7

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 7.658 ng

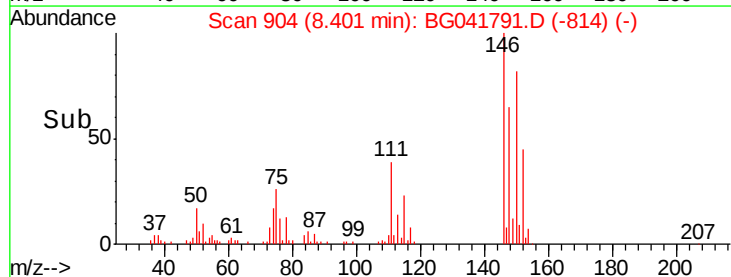
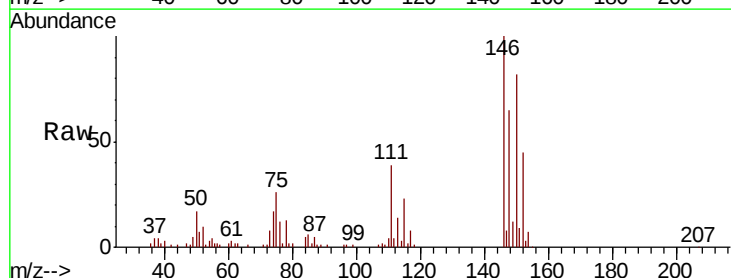
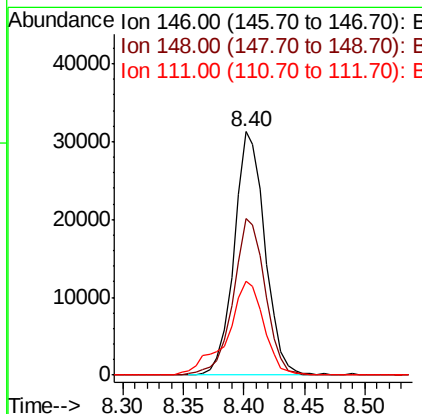
RT: 8.40 min Scan# 904

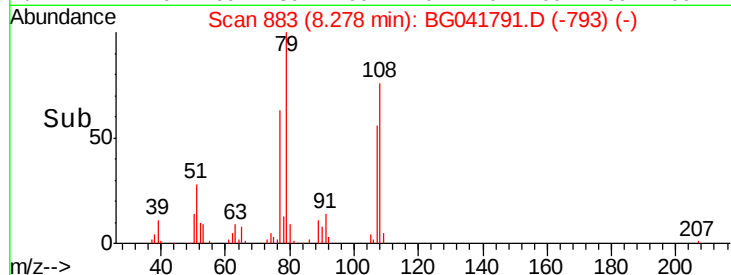
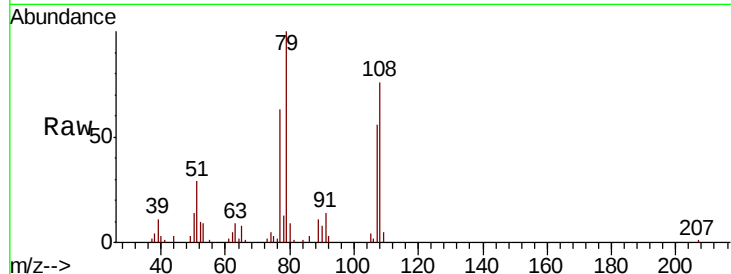
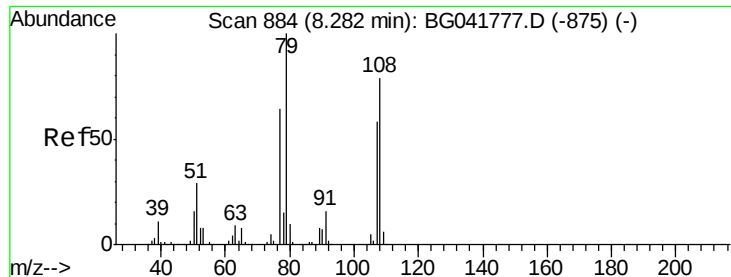
Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Tgt Ion:	146	Resp:	55164
Ion Ratio	Lower	Upper	
146	100		
148	64.5	53.5	80.3
111	38.6	35.4	53.0





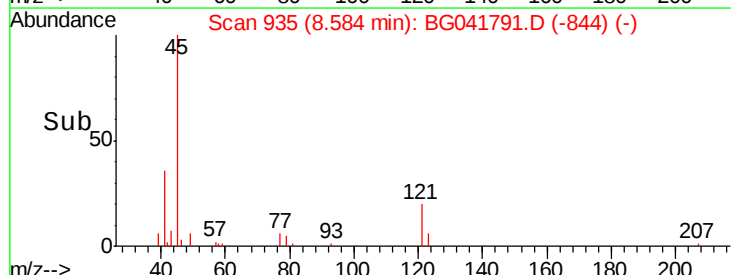
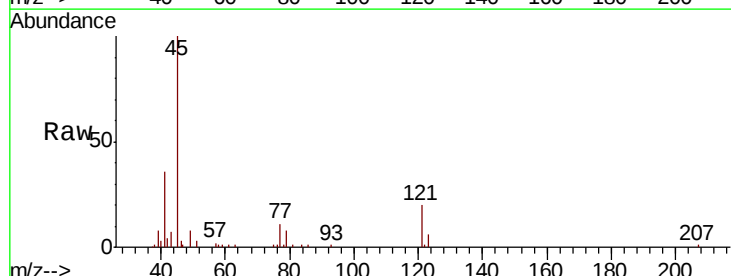
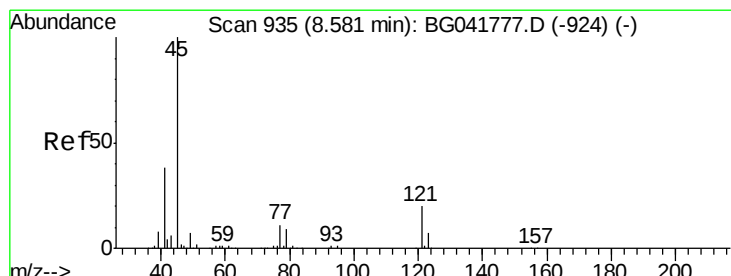
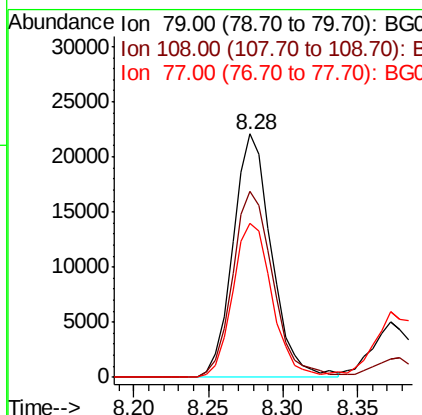
#15
Benzyl Alcohol
Concen: 7.405 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tot Ion:	79	Resp:	39647
Ion Ratio	Lower	Upper	
79	100		
108	76.3	60.5	90.7
77	63.3	50.6	75.8

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

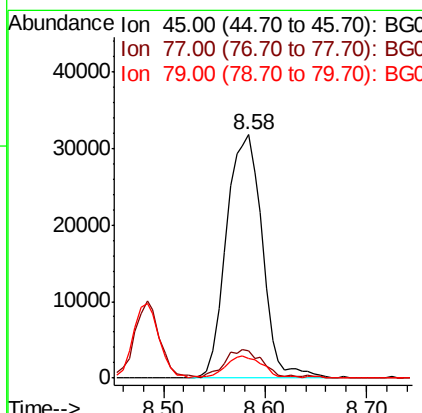
Manual Integrations
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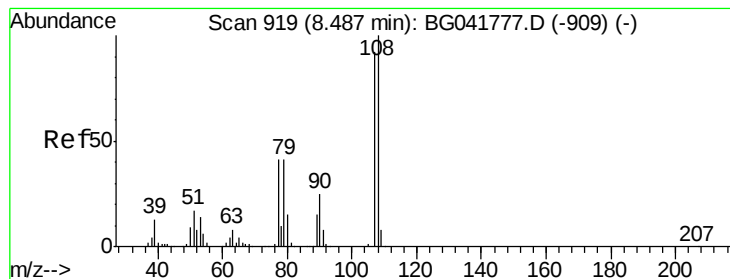
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.518 ng
RT: 8.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion:	45	Resp:	77849
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	30.4
79	8.3	0.0	27.9





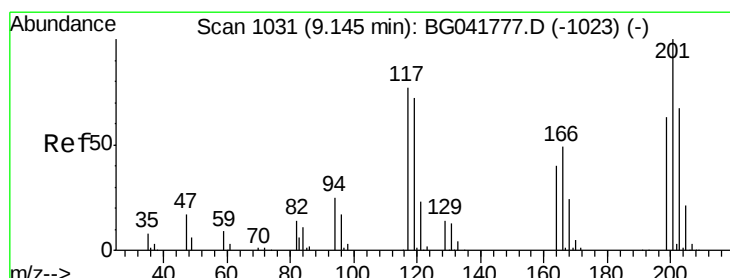
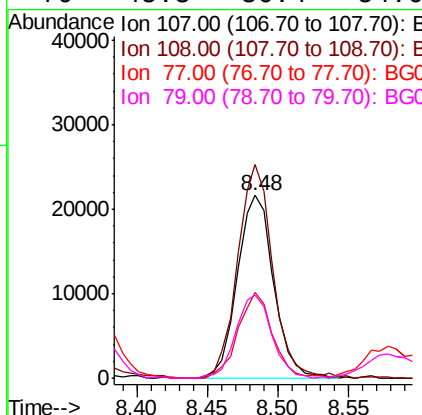
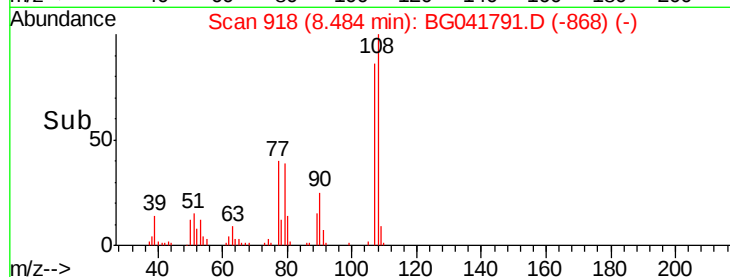
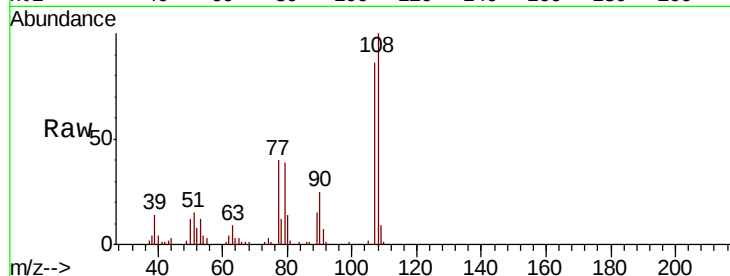
#17
2-Methylphenol
Concen: 7.528 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.8	87.6	131.4	
77	46.9	36.1	54.1	
79	45.3	36.4	54.6	

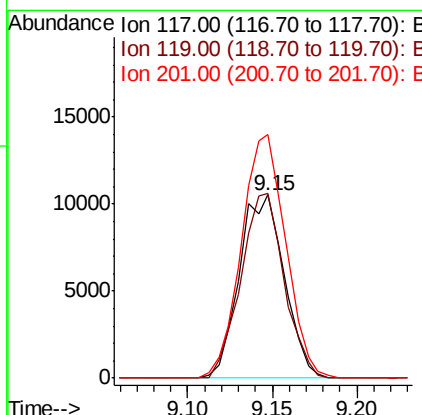
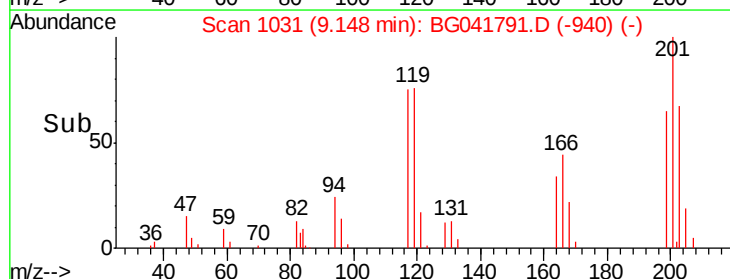
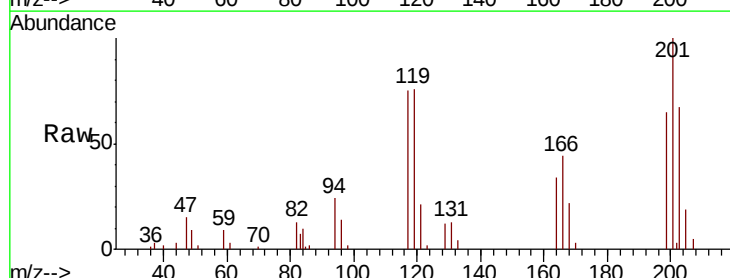
Manual Integrations
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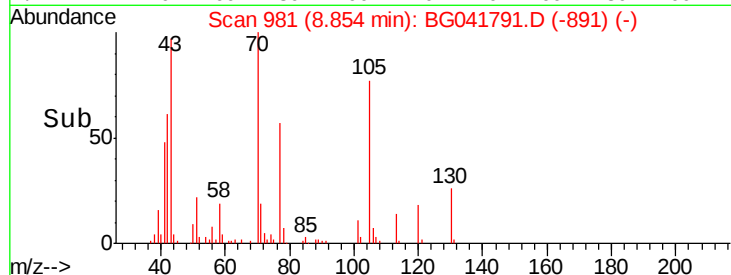
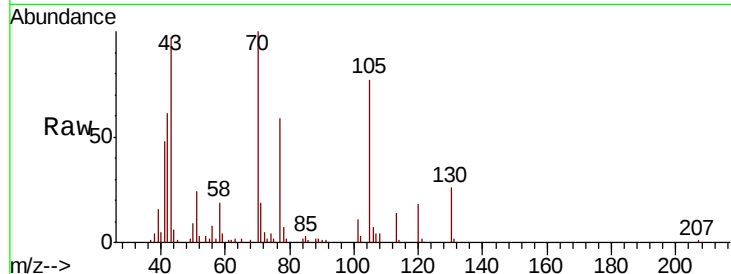
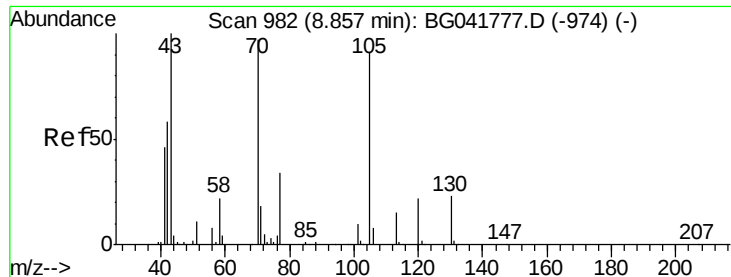
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#18
Hexachloroethane
Concen: 7.499 ng
RT: 9.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.7	76.2	114.2	
201	136.5	94.1	141.1	





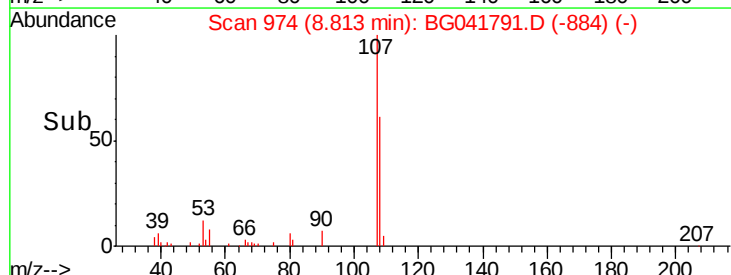
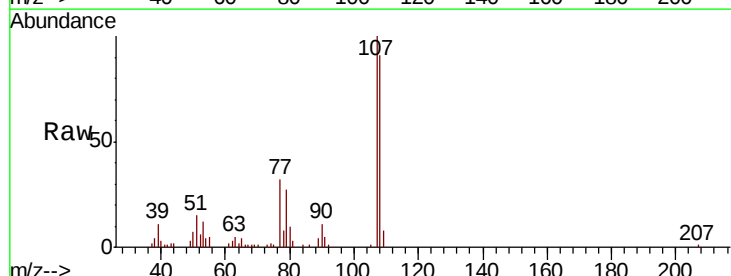
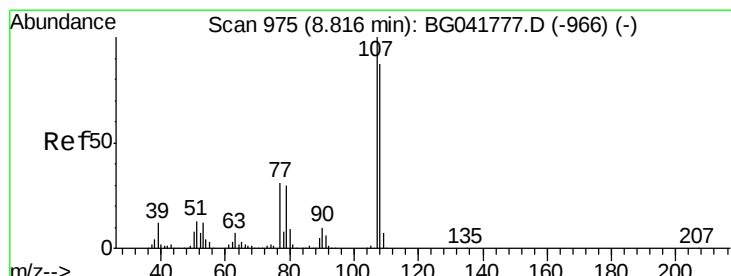
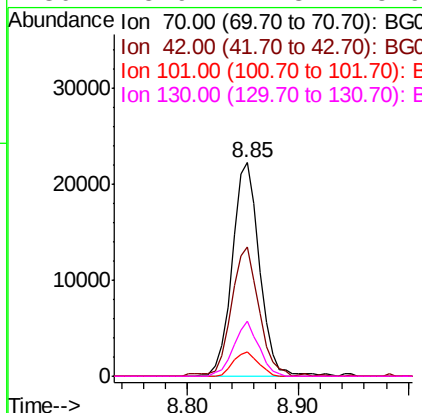
#19
n-Nitroso-di-n-propylamine
Concen: 7.816 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.6	55.8	83.6	
101	11.3	8.1	12.1	
130	25.9	17.3	25.9	

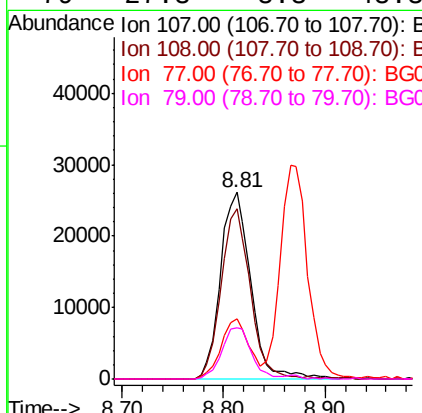
Manual Integrations
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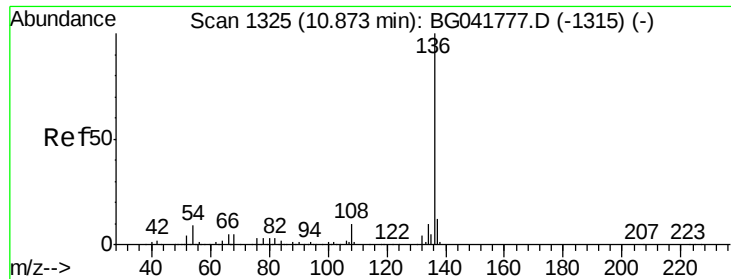
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#20
3+4-Methylphenols
Concen: 7.663 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	67.5	107.5	
77	32.5	12.3	52.3	
79	27.3	8.3	48.3	





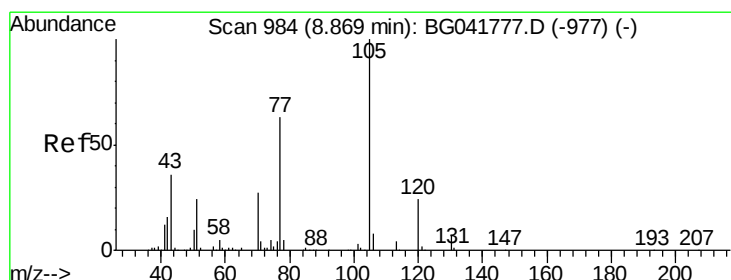
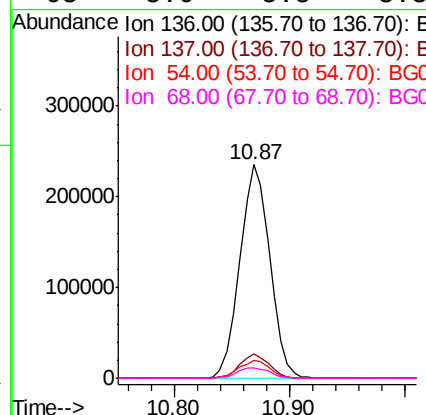
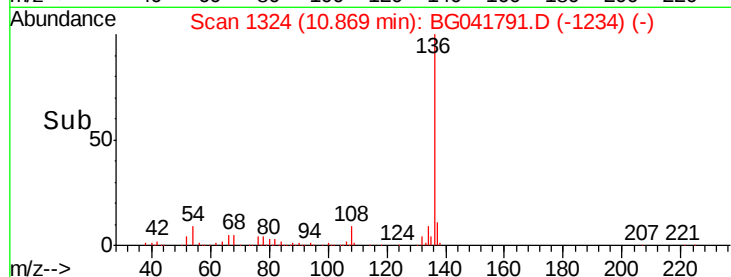
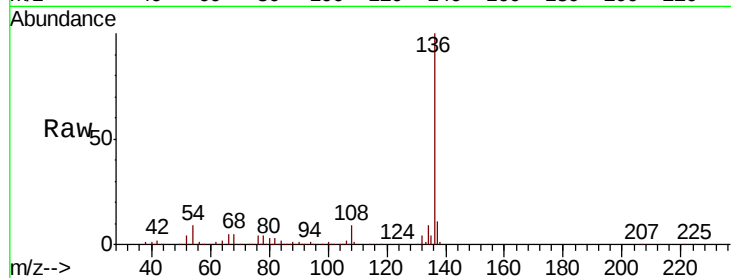
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.2	13.8	
54	8.6	8.7	13.1#	
68	5.0	5.5	8.3#	

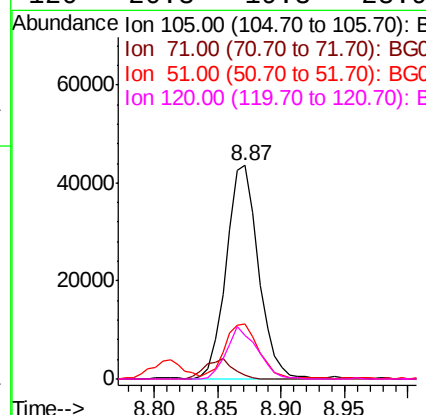
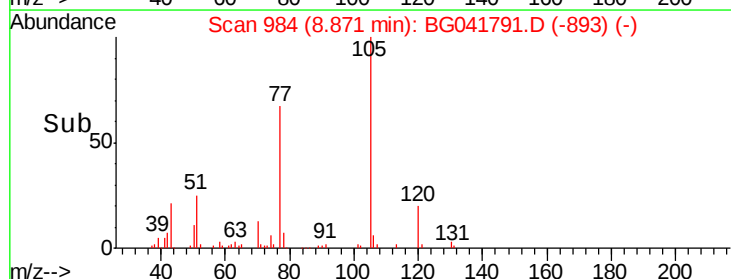
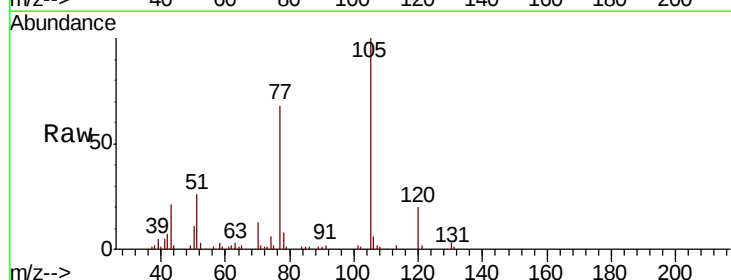
Manual Integrations
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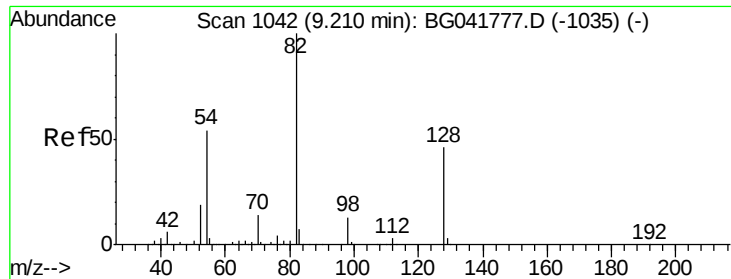
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#22
Acetophenone
Concen: 8.160 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	5.9	8.9#	
51	25.8	27.7	41.5#	
120	20.3	19.3	28.9	





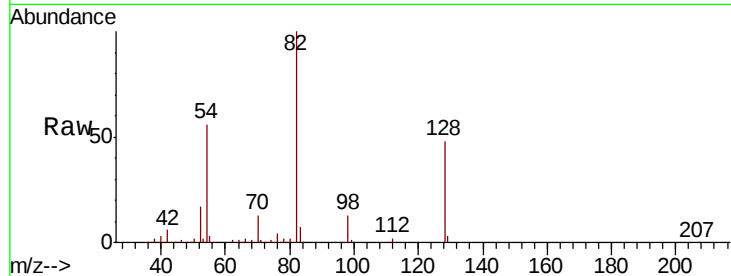
#23
Nitrobenzene-d5
Concen: 84.010 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.1	52.7
54	56.0	48.7	73.1

Manual Integrations
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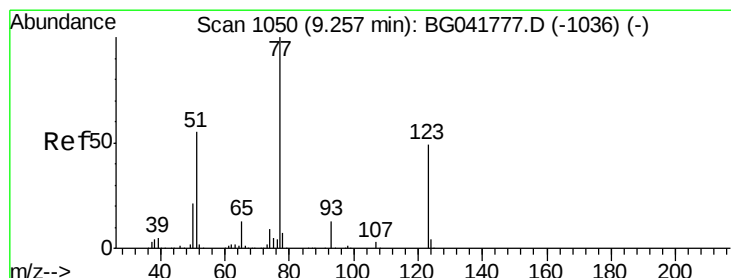
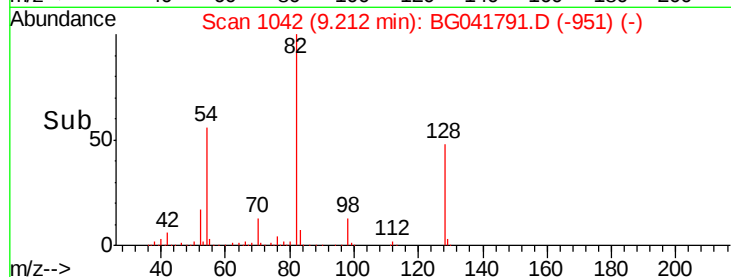
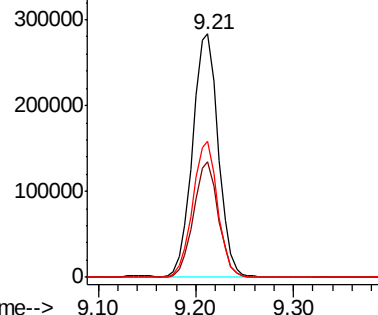


Abundance

Ion 82.00 (81.70 to 82.70): BGC

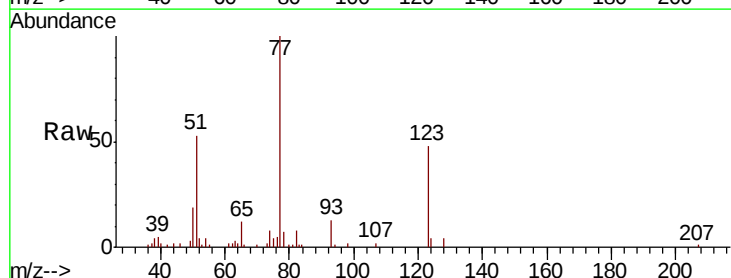
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 8.251 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	38.1	57.1
65	12.5	11.0	16.6

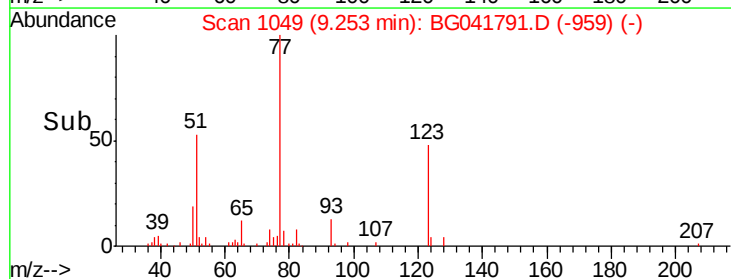
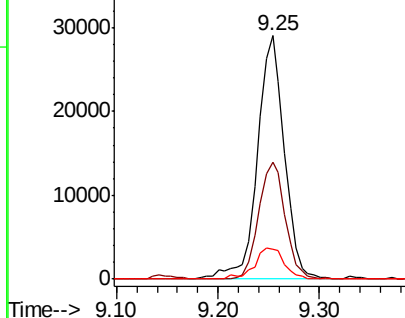


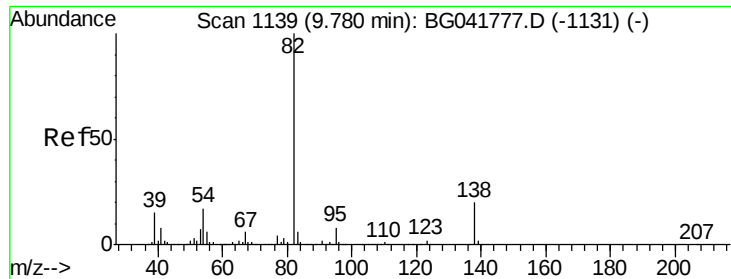
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





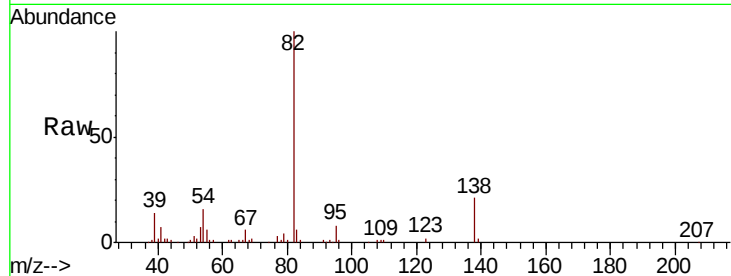
#25
Isophorone
Concen: 7.918 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.9	8.9
138	20.6	16.3	24.5

Manual Integrations
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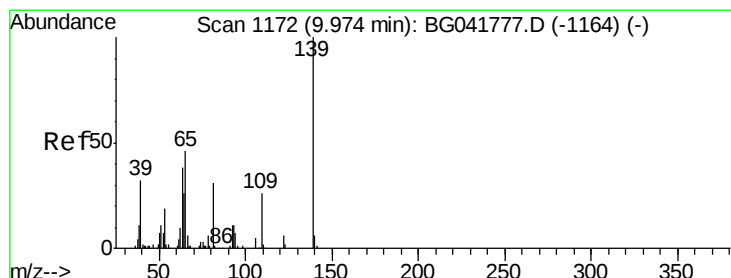
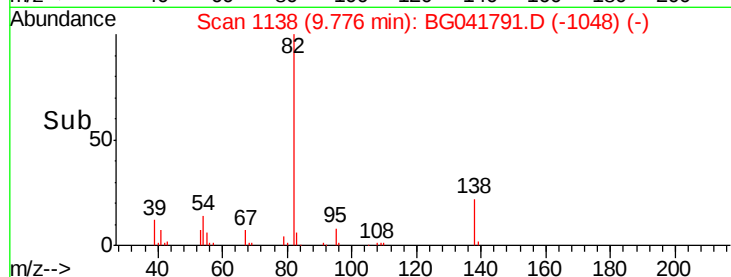
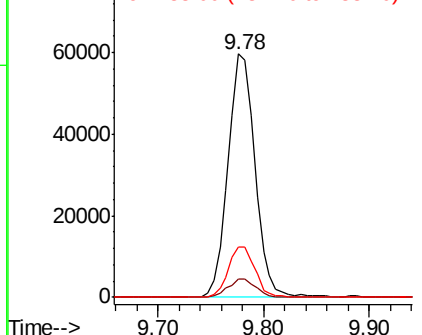


Abundance

Ion 82.00 (81.70 to 82.70): BGC

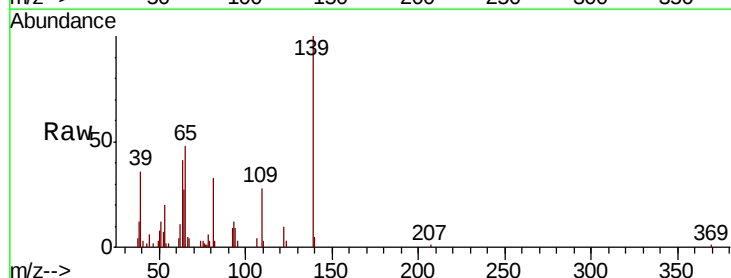
Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26
2-Nitrophenol
Concen: 7.750 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	48.0	41.1	61.7

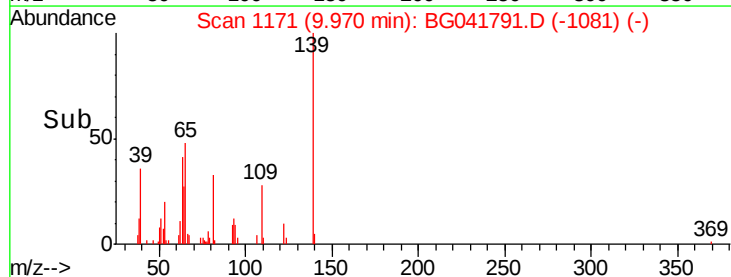
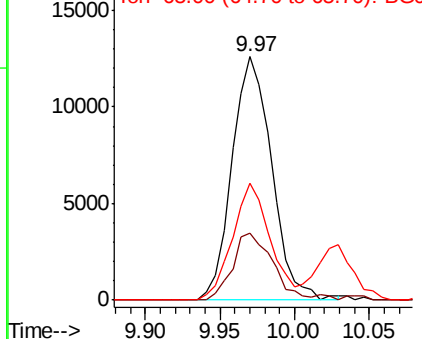


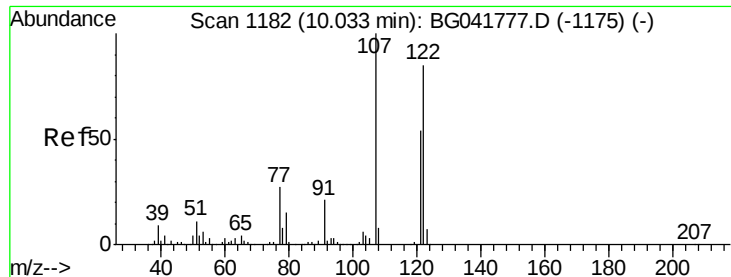
Abundance

Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





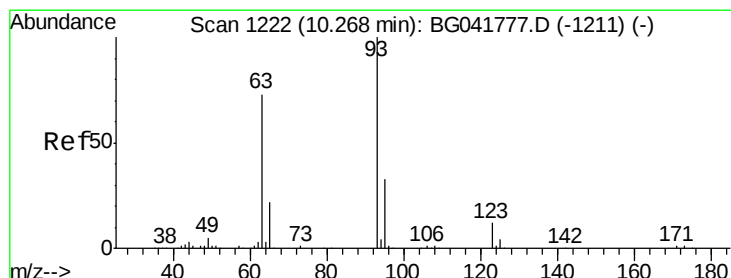
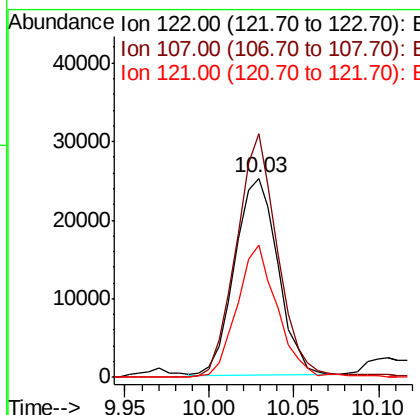
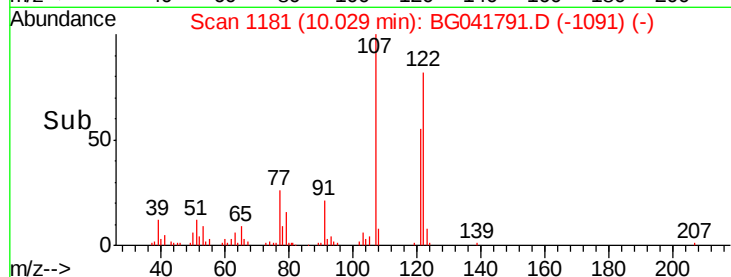
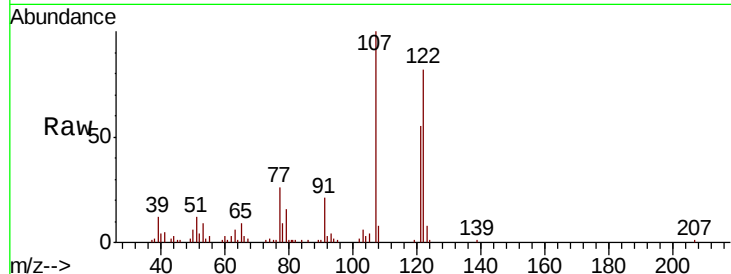
#27
2,4-Dimethylphenol
Concen: 8.420 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.3	91.3	136.9
121	66.7	49.2	73.8

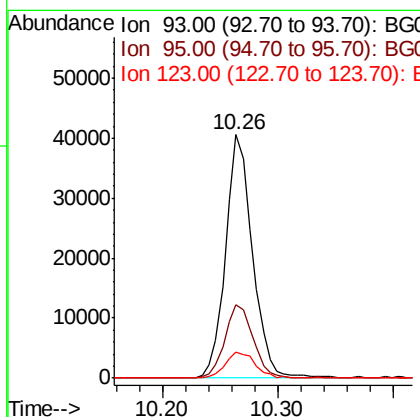
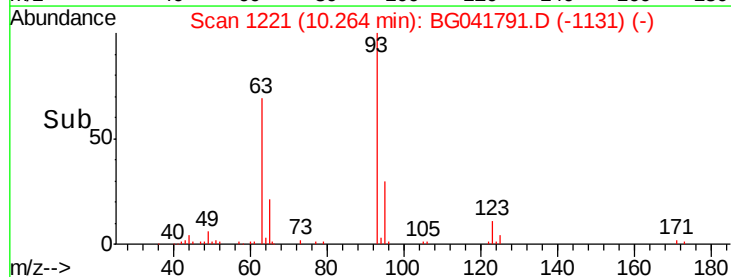
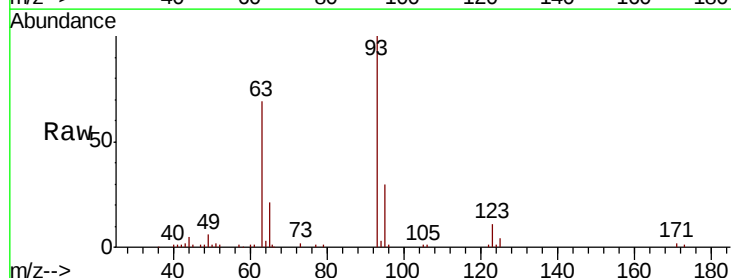
Manual Integrations
APPROVED

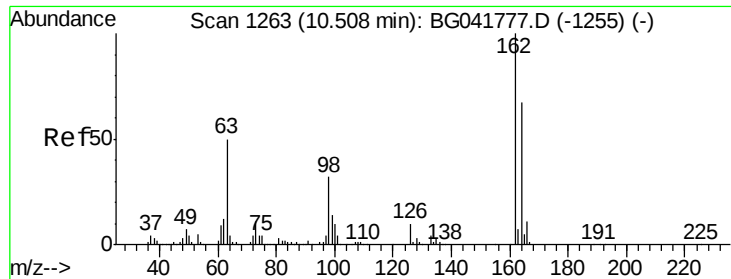
mohammad
7/30/2019 4:52:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 7.834 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	26.2	39.4
123	10.7	9.9	14.9





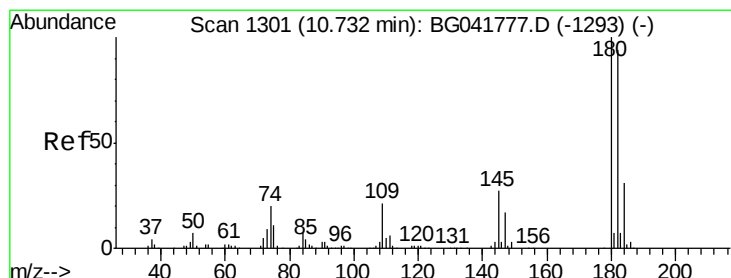
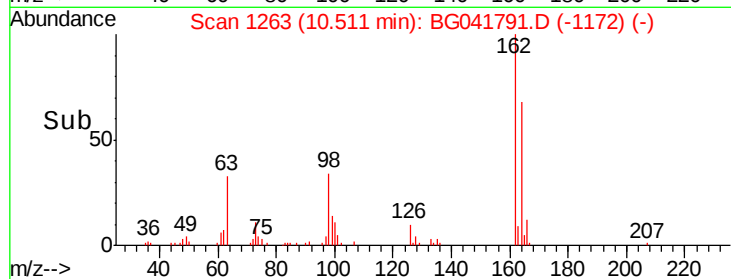
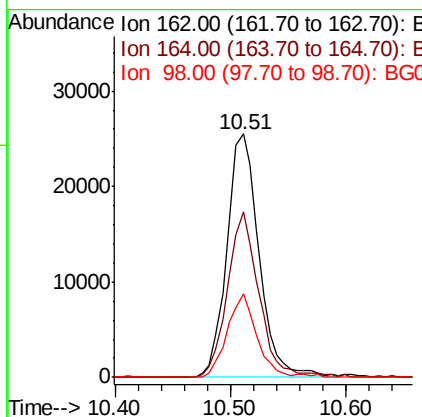
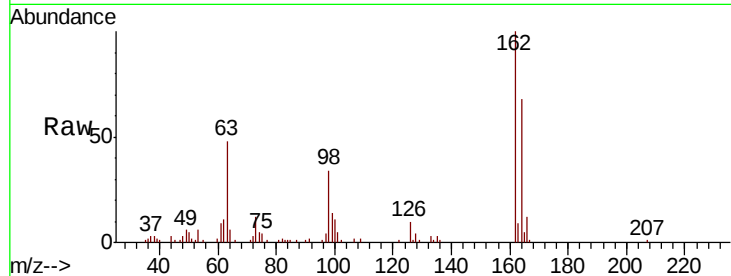
#29
 2,4-Dichlorophenol
 Concen: 7.636 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

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

Tot Ion:	162	Resp:	49252
Ion Ratio	Lower	Upper	
162	100		
164	68.2	46.1	86.1
98	34.2	14.7	54.7

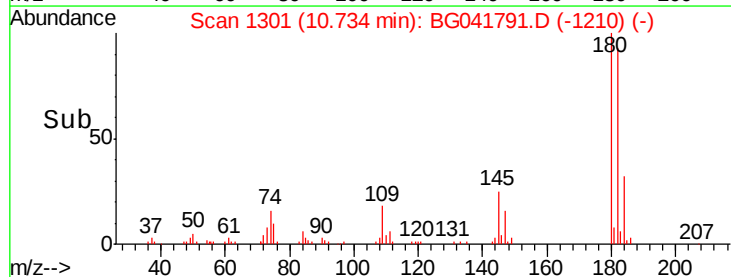
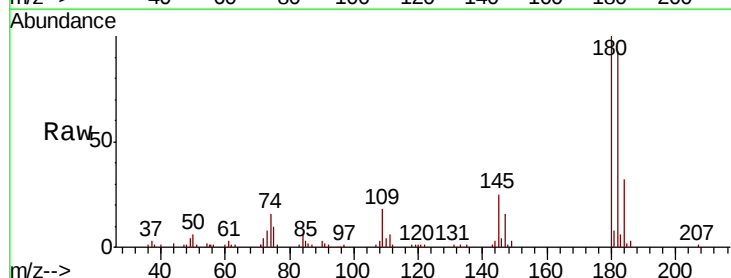
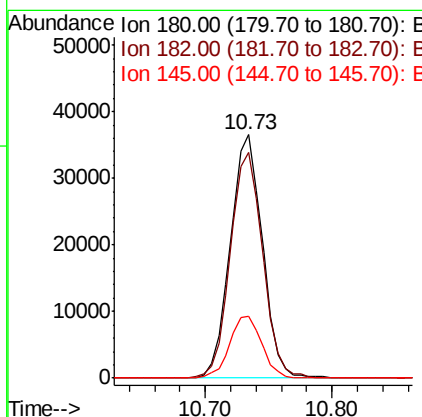
Manual Integrations
 APPROVED

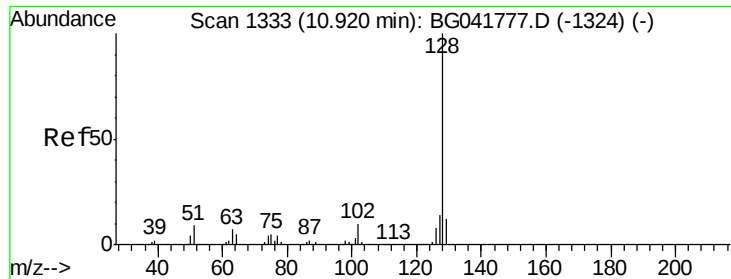
mohammad
 7/30/2019 4:52:31 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 7.782 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion:	180	Resp:	63653
Ion Ratio	Lower	Upper	
180	100		
182	92.8	76.2	114.2
145	25.4	23.8	35.8





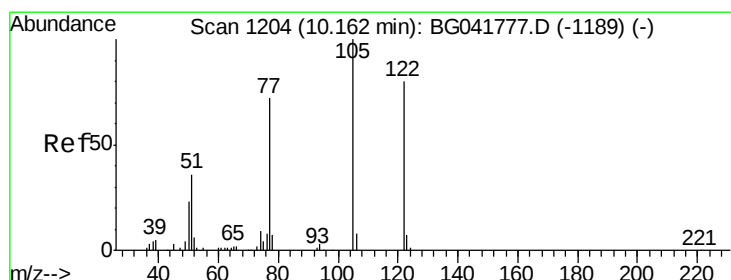
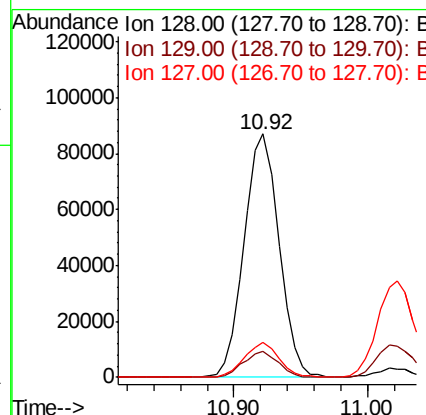
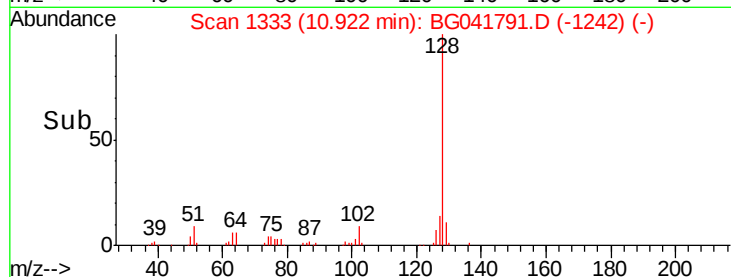
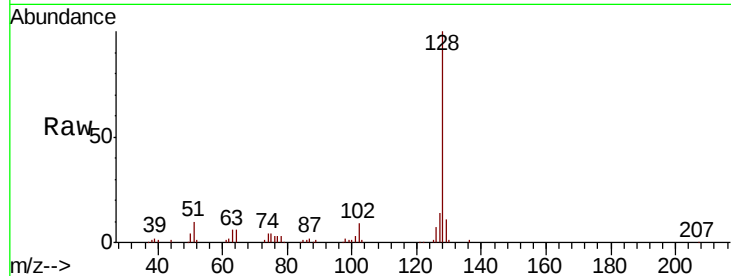
#31
Naphthalene
Concen: 8.149 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	10.0	15.0
127	14.2	12.3	18.5

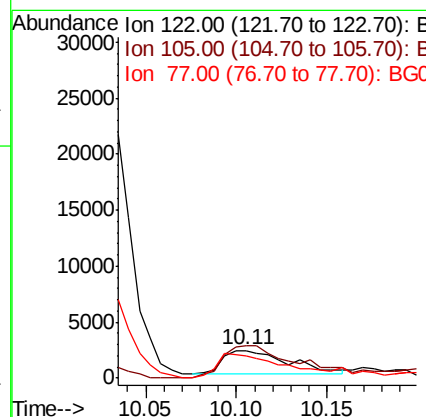
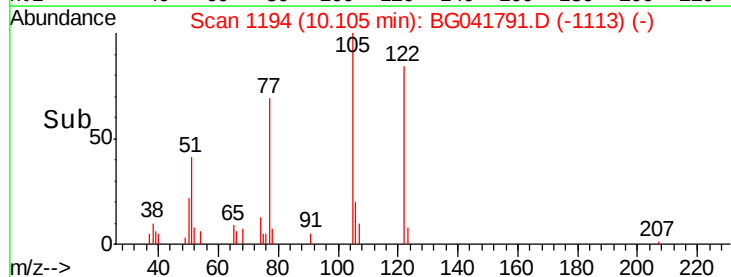
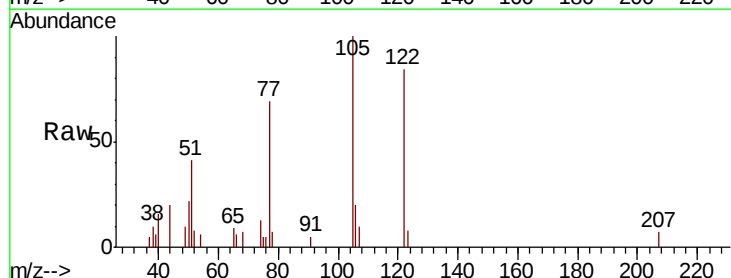
Manual Integrations
APPROVED

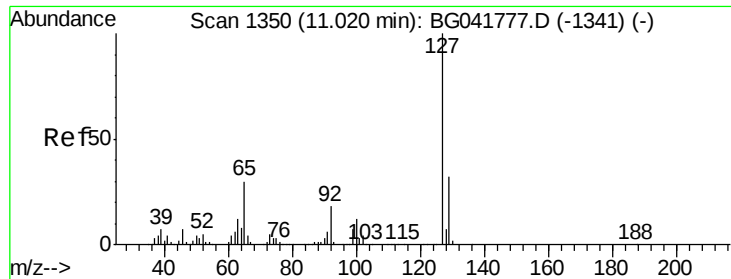
mohammad
7/30/2019 4:52:31 PM



#32
Benzoic acid
Concen: 9.850 ng
RT: 10.11 min Scan# 1194
Delta R.T. -0.06 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.1	101.5	141.5
77	82.1	73.0	113.0





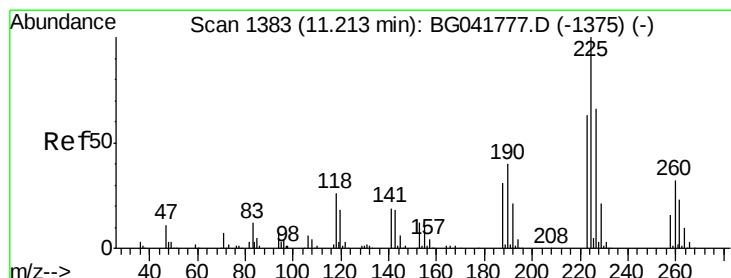
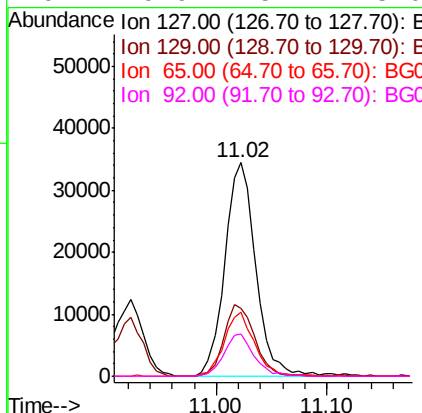
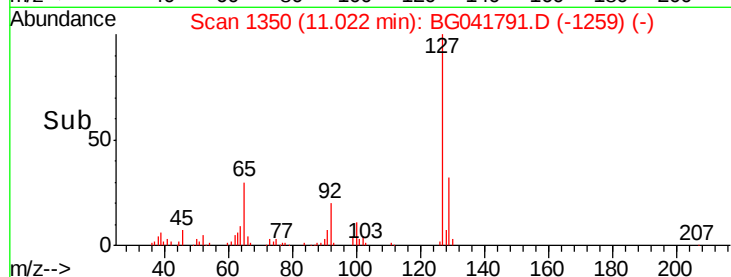
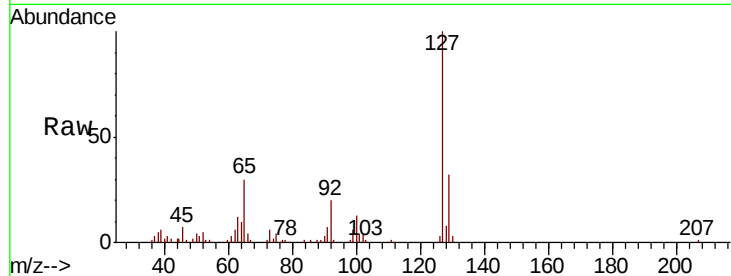
#33
4-Chloroaniline
Concen: 7.378 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	29.8	26.7	40.1
92	19.9	15.4	23.0

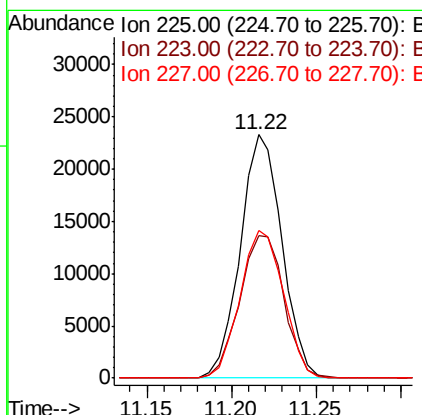
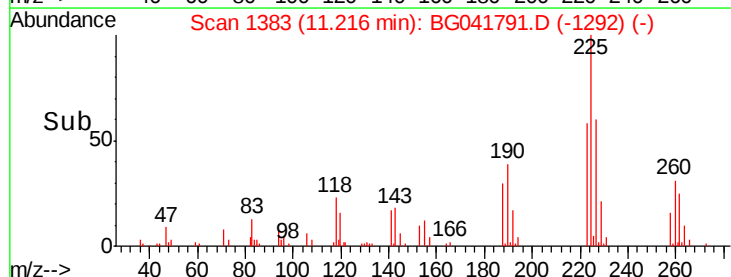
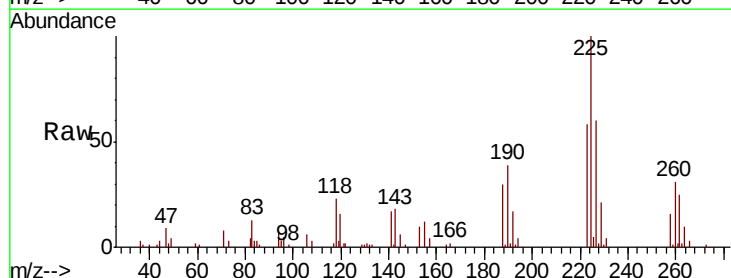
Manual Integrations
APPROVED

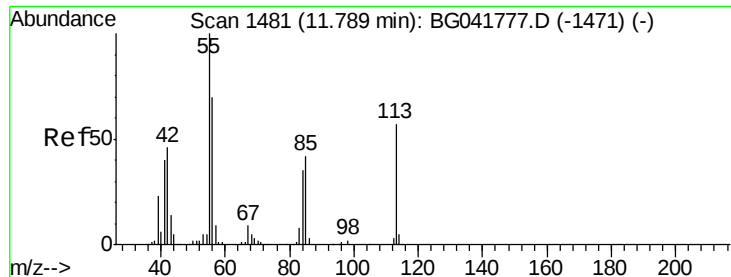
mohammad
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#34
Hexachlorobutadiene
Concen: 7.233 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.4	51.1	76.7
227	57.3	50.9	76.3





#35

Caprolactam

Concen: 7.983 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:113 Resp: 17895

Ion Ratio Lower Upper

113 100

55 165.9 199.4 239.4#

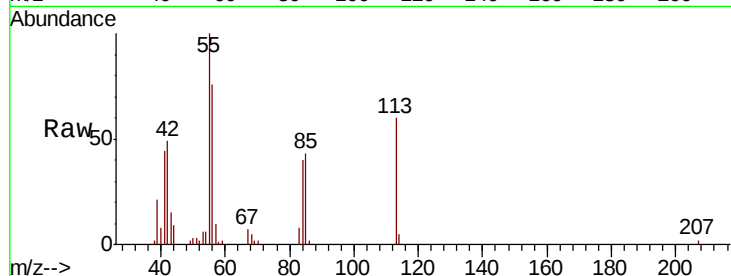
56 125.6 133.6 173.6#

Manual Integrations

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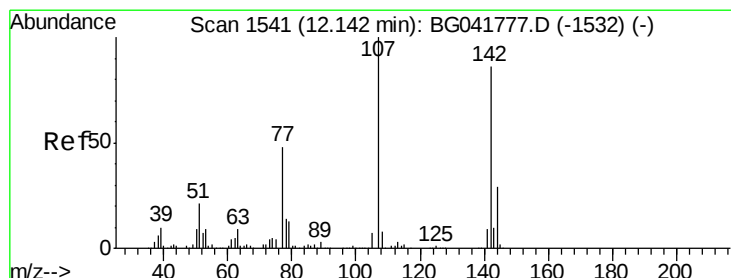
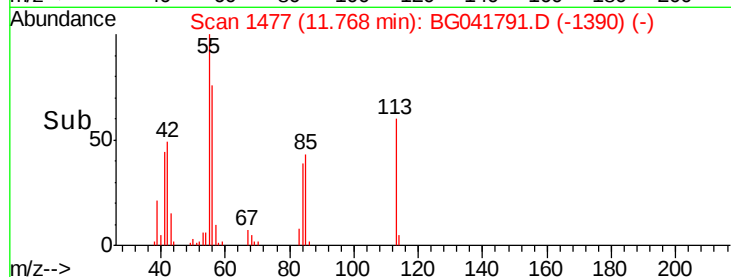
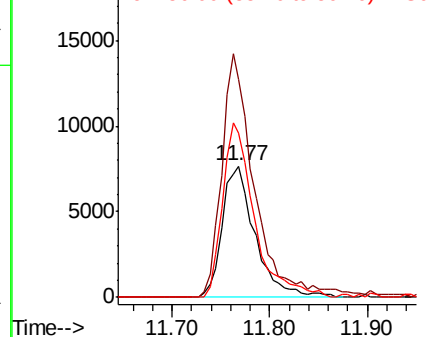
7/30/2019 4:52:31 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041777.D (-1471) (-)

Ion 56.00 (55.70 to 56.70): BG041777.D (-1471) (-)



#36

4-Chloro-3-methylphenol

Concen: 7.698 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

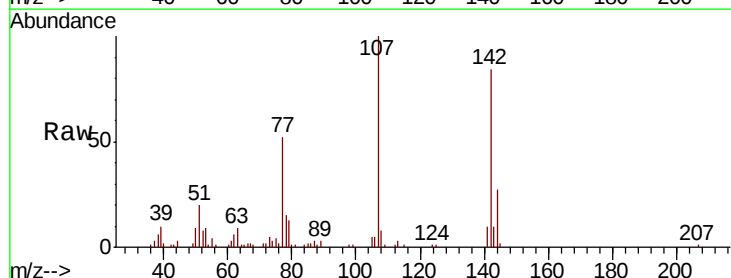
Tgt Ion:107 Resp: 49225

Ion Ratio Lower Upper

107 100

144 27.1 22.2 33.2

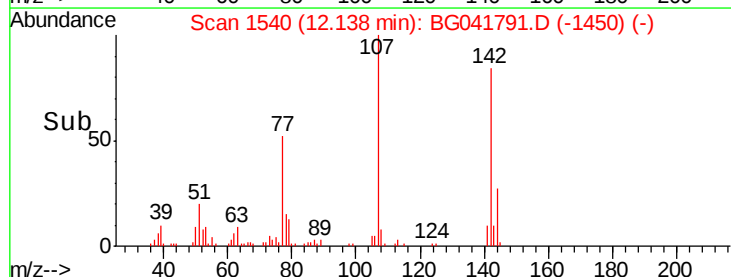
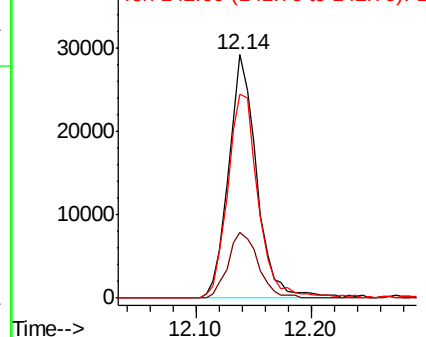
142 83.8 67.3 100.9

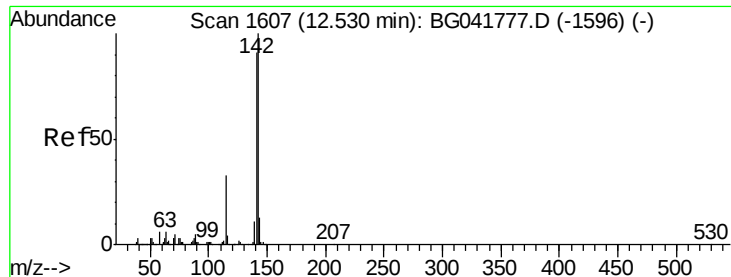


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





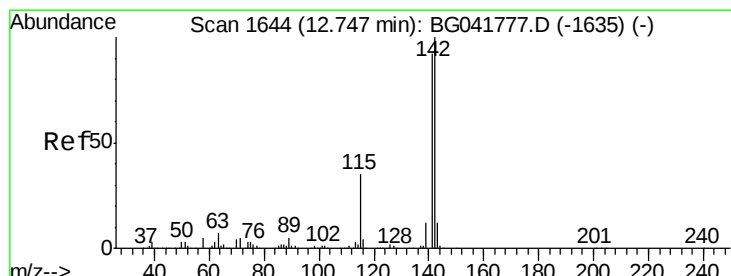
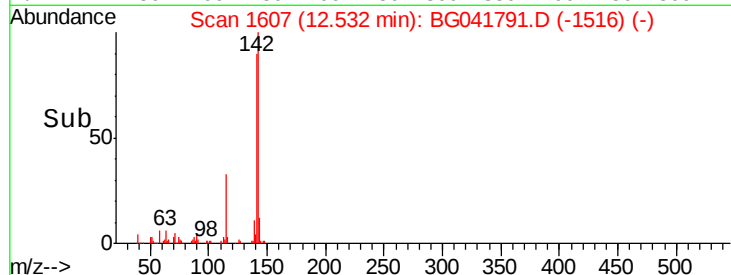
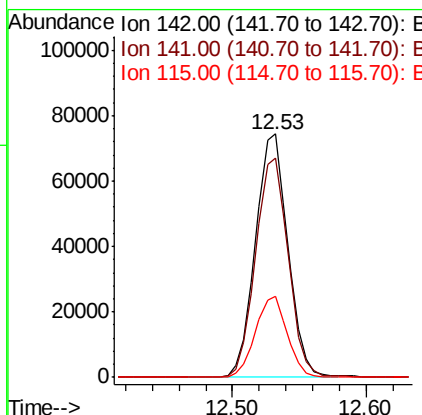
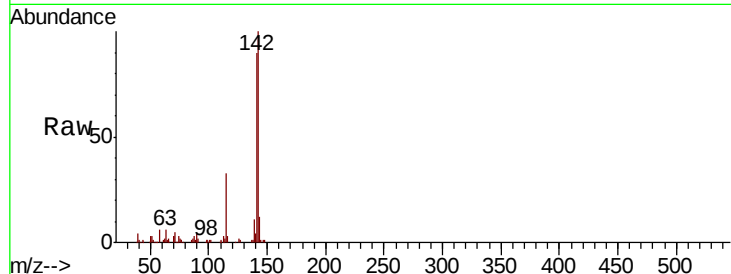
#37
2-Methylnaphthalene
Concen: 8.142 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.7	109.1
115	33.4	27.0	40.4

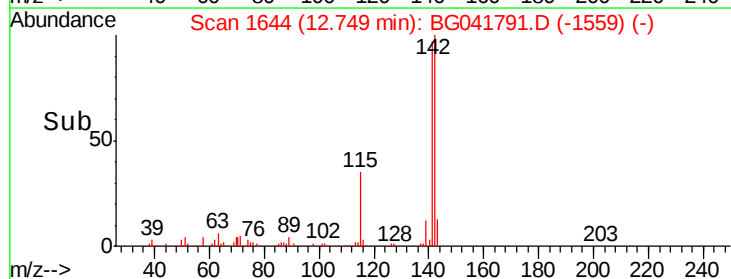
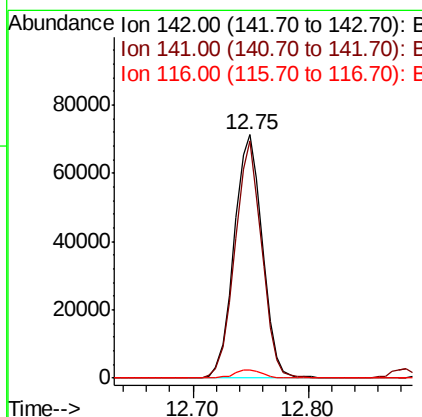
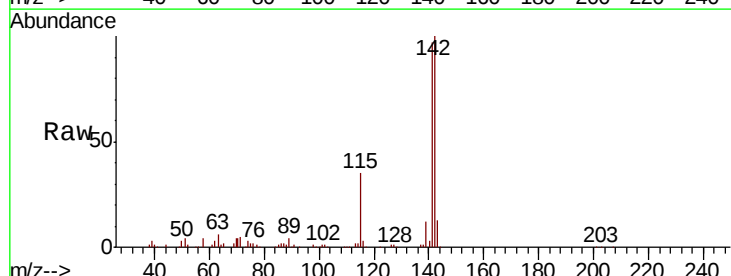
Manual Integrations
APPROVED

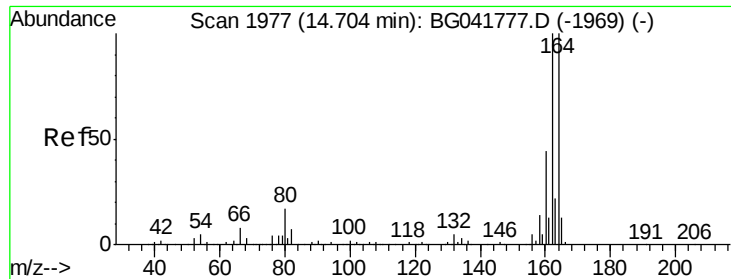
mohammad
7/30/2019 4:52:31 PM



#38
1-Methylnaphthalene
Concen: 8.311 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.3	75.4	113.2
116	3.4	3.2	4.8





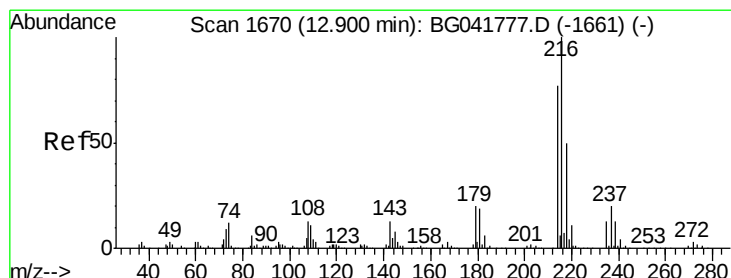
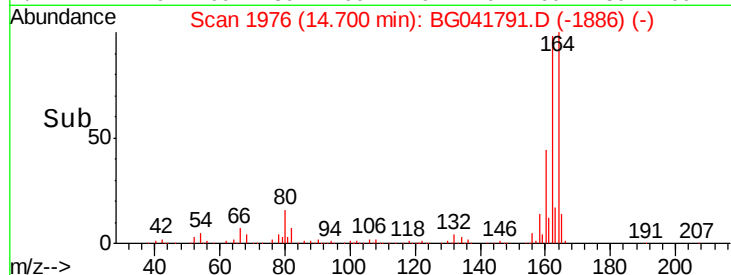
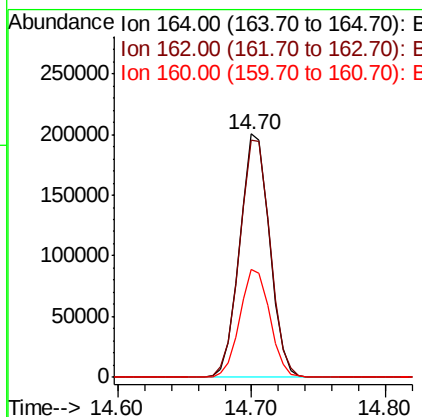
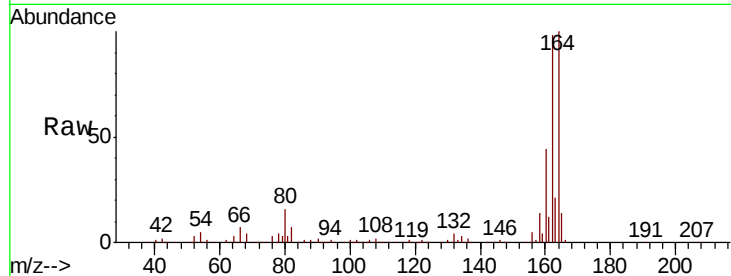
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.6	119.4
160	44.1	35.4	53.0

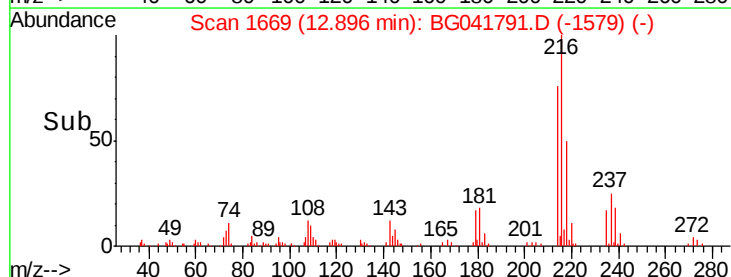
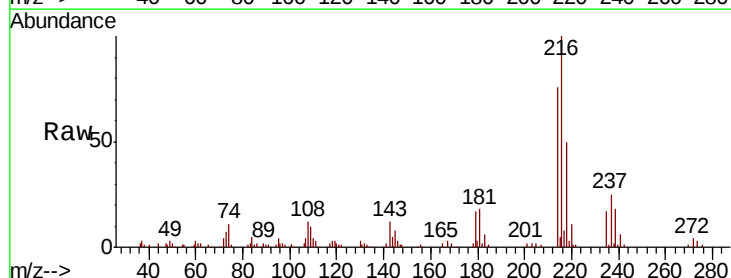
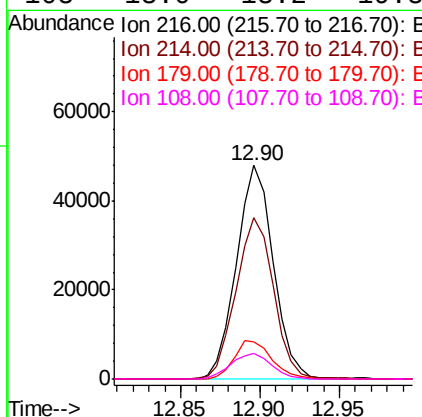
Manual Integrations
APPROVED

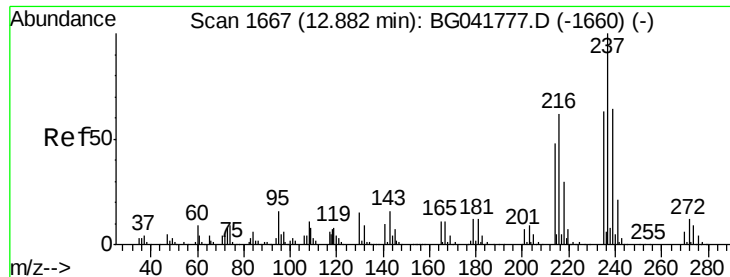
mohammad
7/30/2019 4:52:31 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.930 ng
RT: 12.90 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.5	92.3
179	18.2	16.2	24.2
108	13.0	13.2	19.8#





#41

Hexachlorocyclopentadiene

Concen: 7.496 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

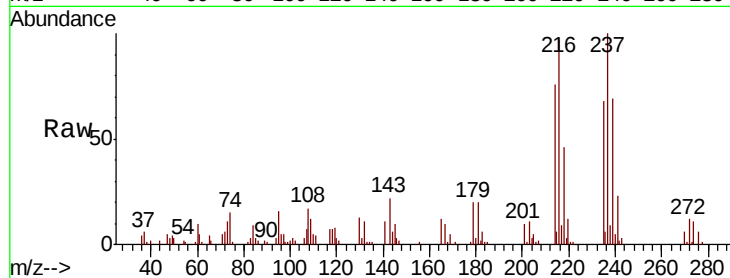
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	237	Resp:	41172
Ion Ratio	Lower	Upper	
237	100		
235	68.3	43.5	83.5
272	12.4	0.0	31.2

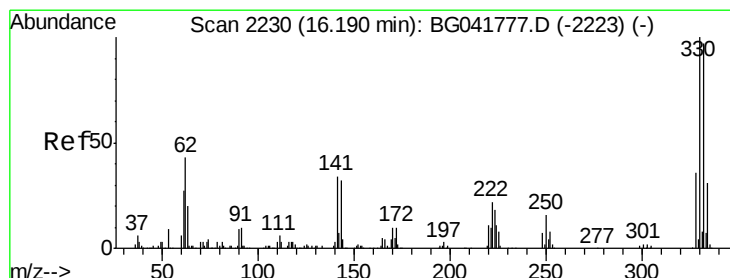
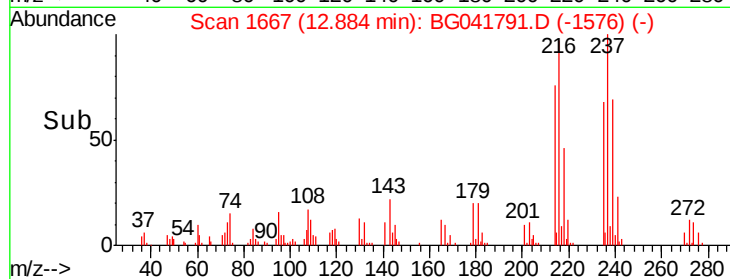
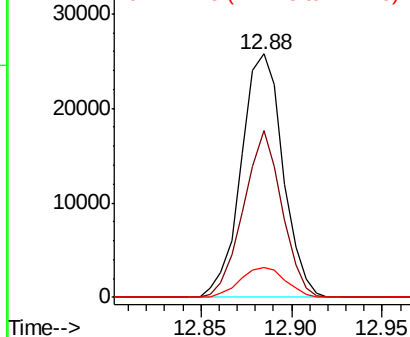
Manual Integrations
APPROVED

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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: 104.222 ng

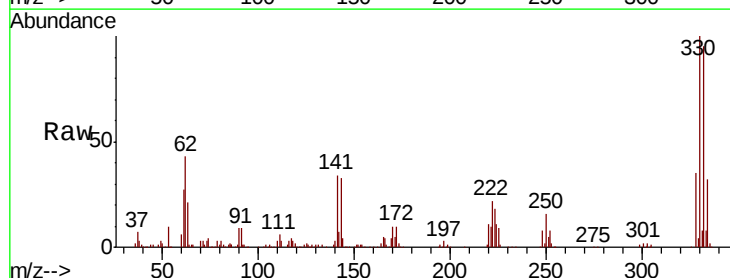
RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

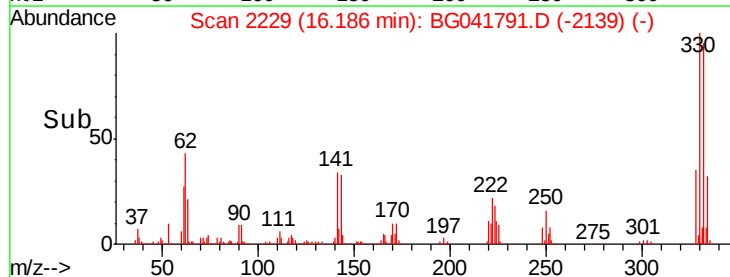
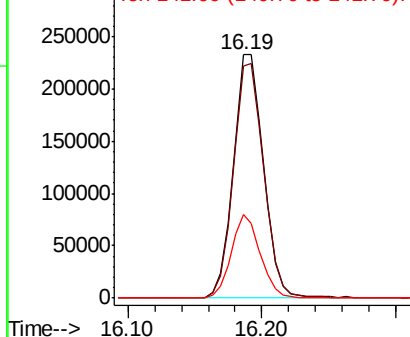
Lab File: BG041791.D

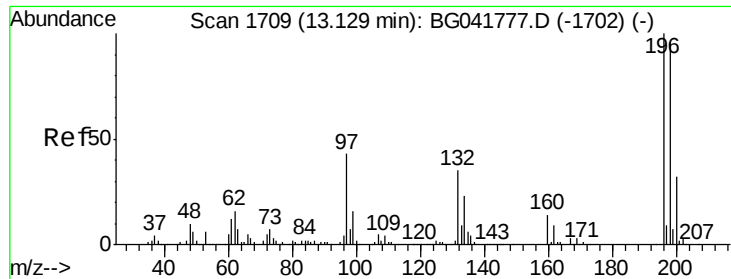
Acq: 29 Jul 2019 16:24

Tgt Ion:	330	Resp:	365331
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.4	116.0
141	33.3	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





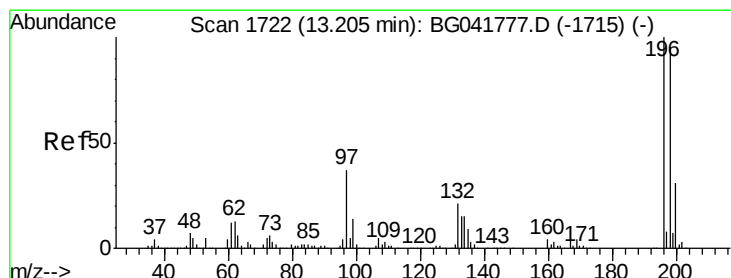
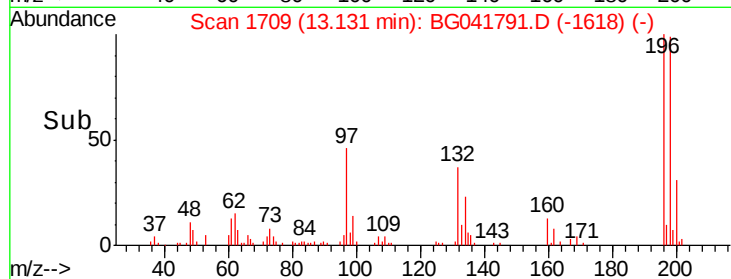
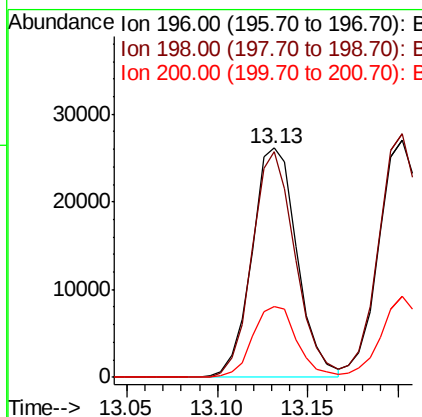
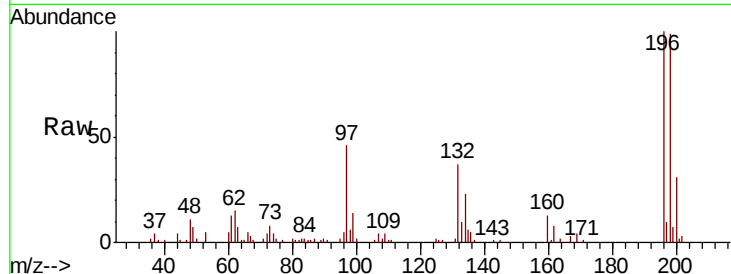
#43
 2,4,6-Trichlorophenol
 Concen: 7.310 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	79.6	119.4
200	31.0	25.2	37.8

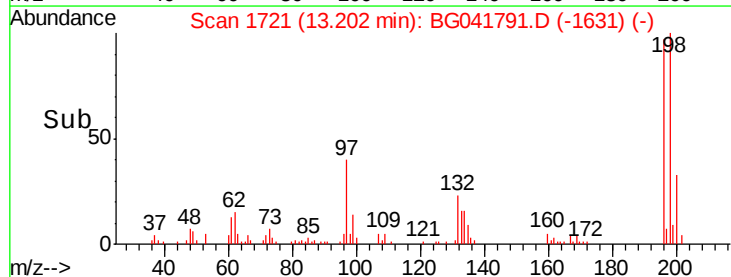
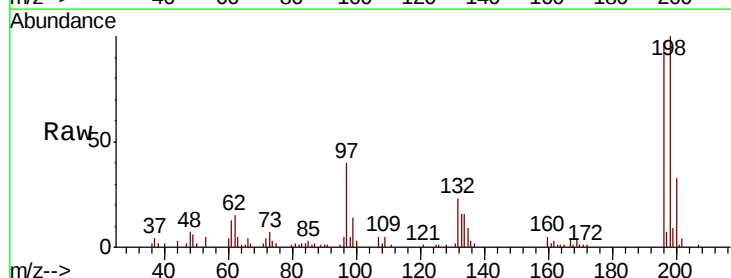
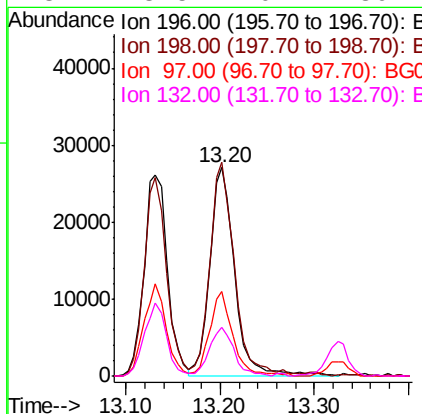
Manual Integrations
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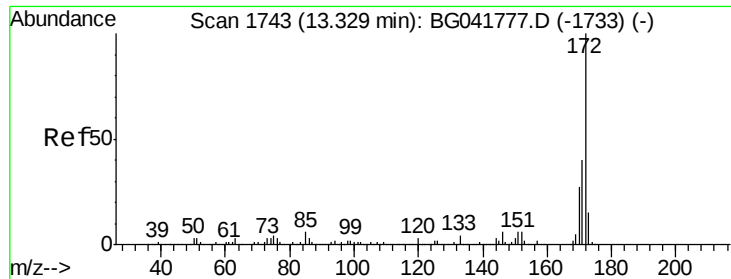
mohammad
 7/30/2019 4:52:31 PM



#44
 2,4,5-Trichlorophenol
 Concen: 7.819 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.6	80.6	121.0
97	40.8	33.9	50.9
132	23.5	20.2	30.2





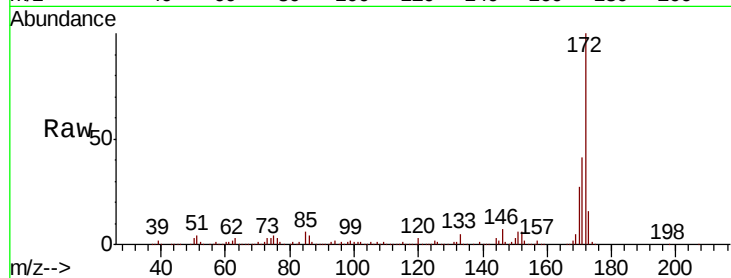
#45
2-Fluorobiphenyl
Concen: 81.179 ng
RT: 13.33 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.8	35.0	52.4
170	27.2	23.5	35.3

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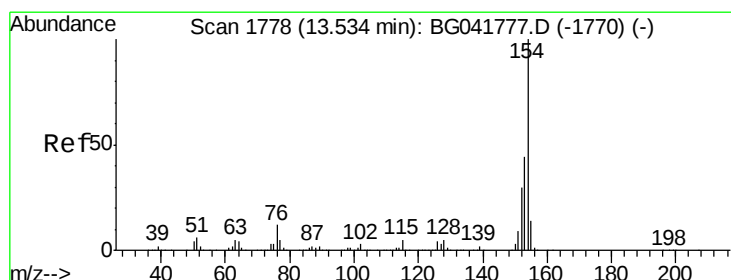
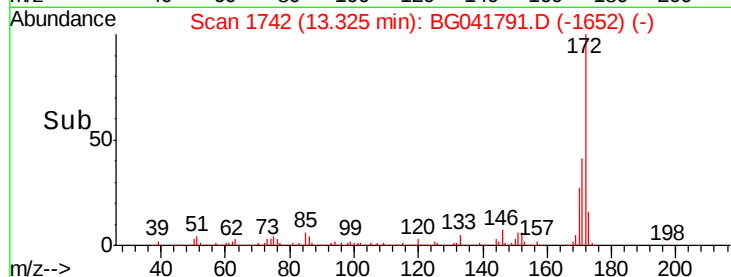
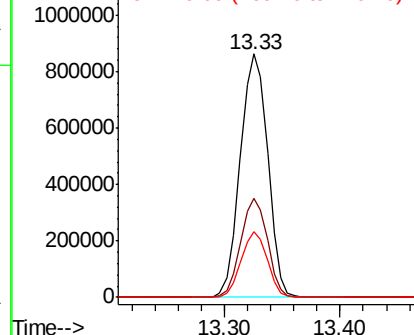


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 8.314 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

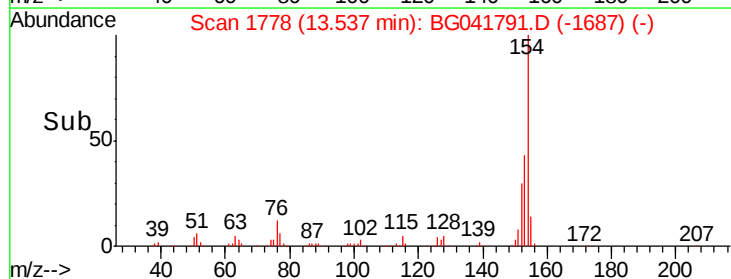
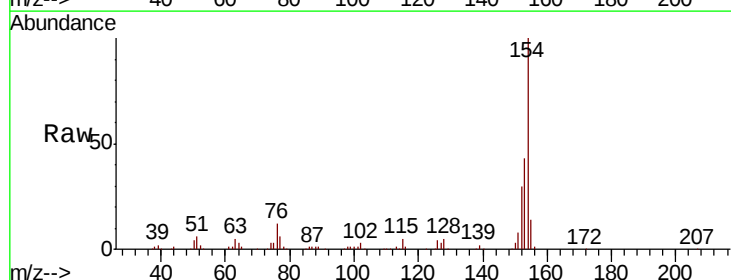
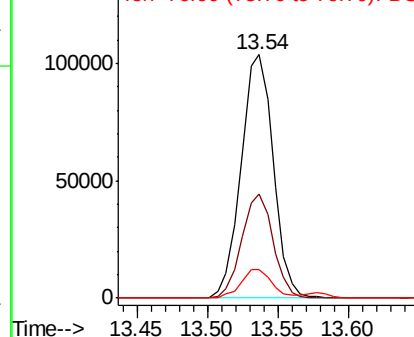
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	25.0	65.0
76	11.6	0.0	34.5

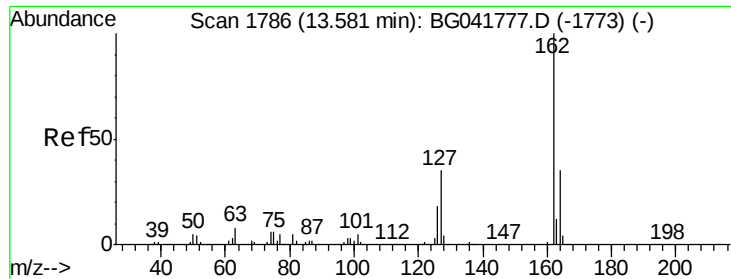
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





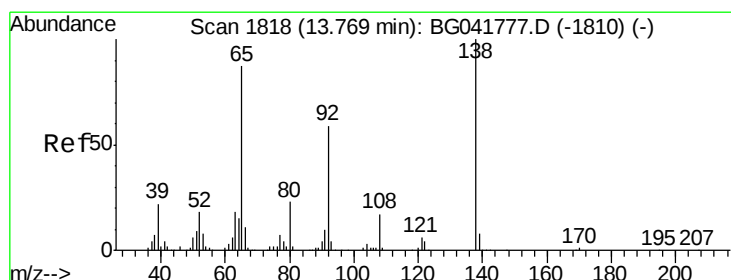
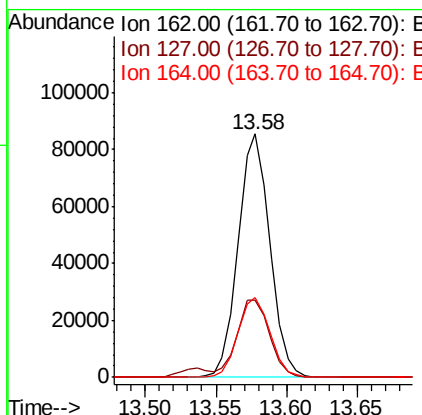
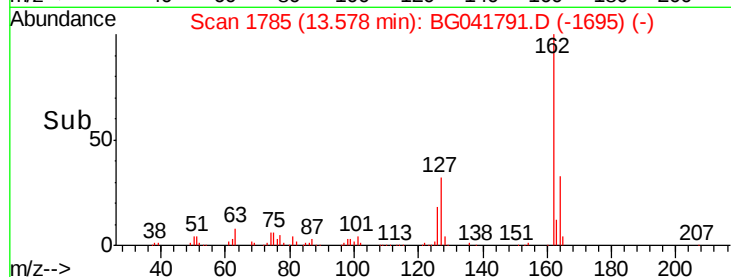
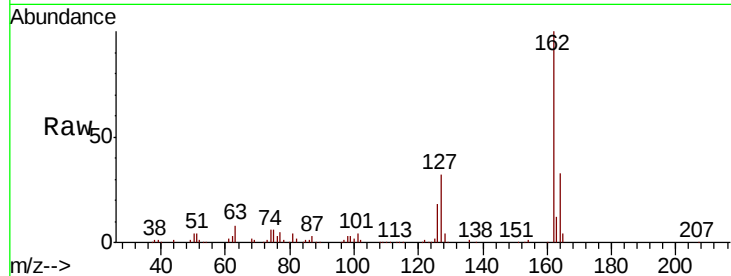
#47
 2-Chloronaphthalene
 Concen: 7.949 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

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

Tot Ion:	162	Resp:	134262
Ion Ratio	Lower	Upper	
162	100		
127	31.9	30.4	45.6
164	32.9	28.6	42.8

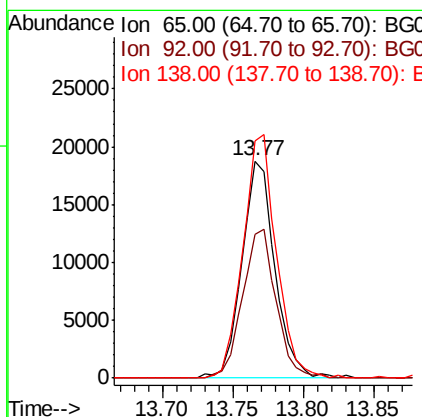
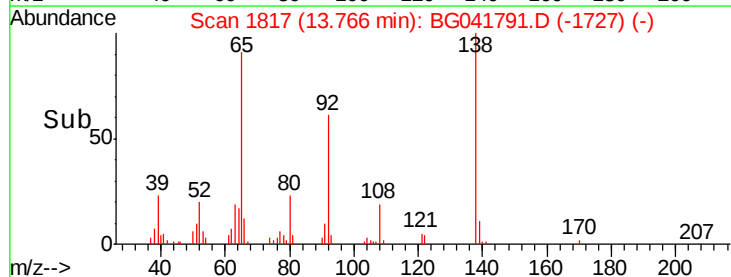
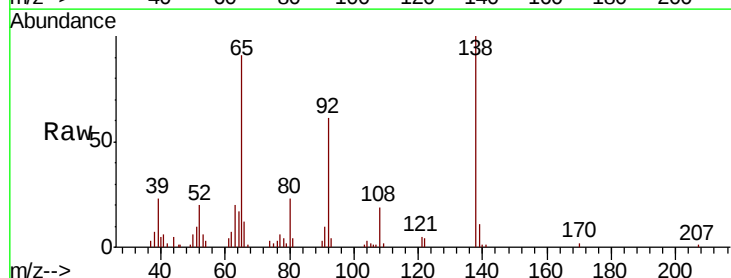
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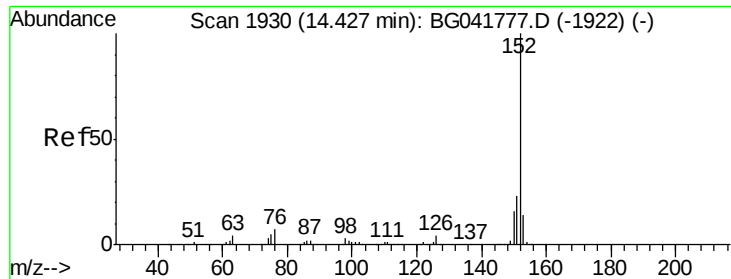
mohammad
 7/30/2019 4:52:31 PM



#48
 2-Nitroaniline
 Concen: 7.149 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion:	65	Resp:	30622
Ion Ratio	Lower	Upper	
65	100		
92	66.3	53.9	80.9
138	109.5	83.5	125.3





#49

Acenaphthylene

Concen: 8.577 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

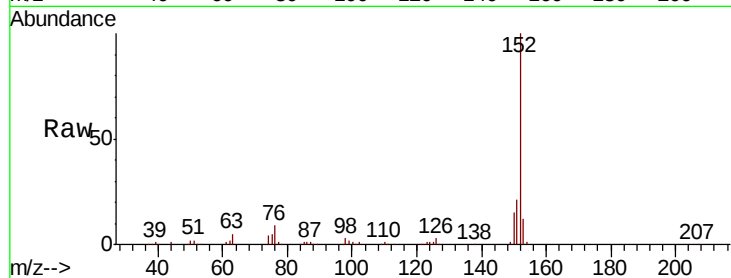
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	152	Resp:	216685
Ion Ratio	Lower	Upper	
152	100		
151	21.3	18.7	28.1
153	12.3	12.4	18.6#

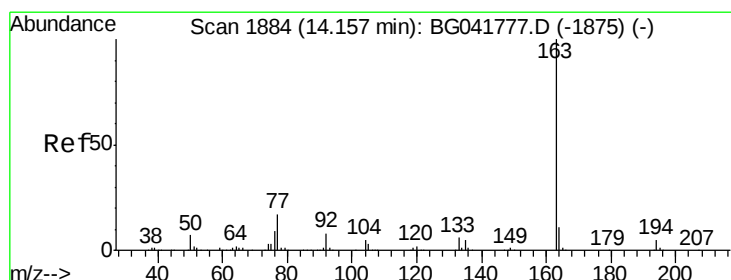
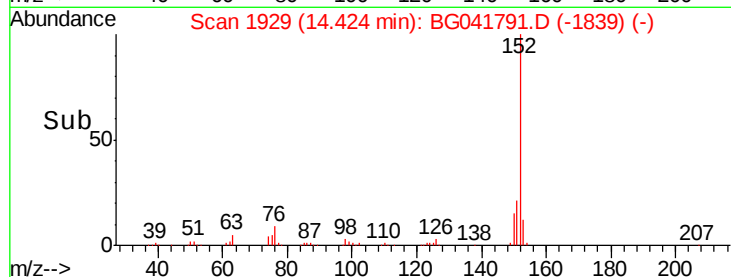
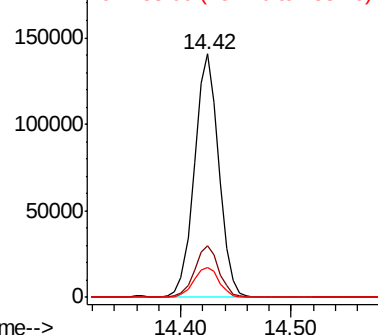
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 8.236 ng

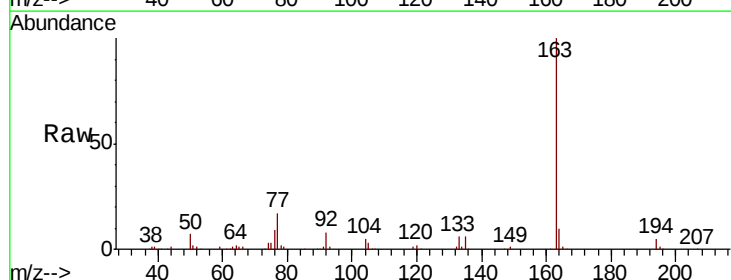
RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

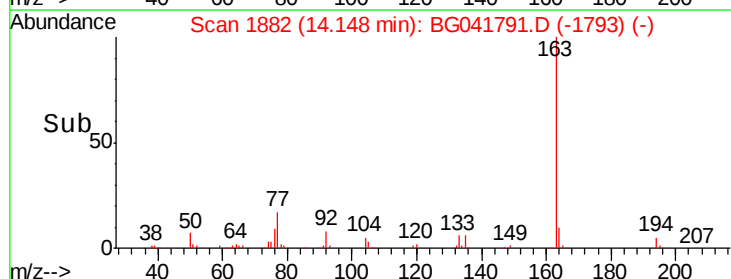
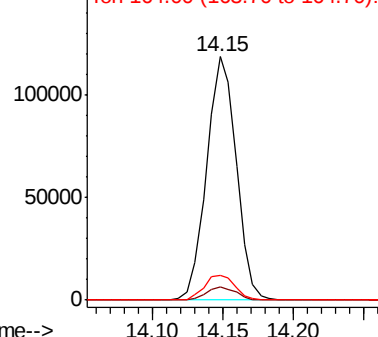
Lab File: BG041791.D

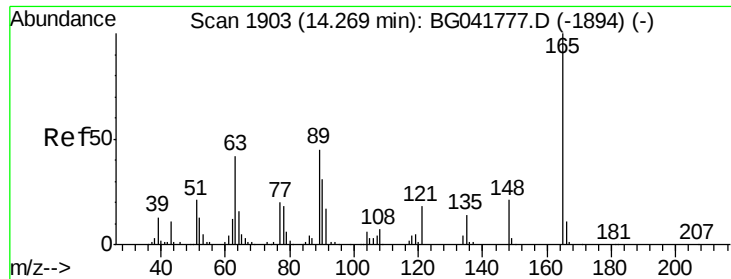
Acq: 29 Jul 2019 16:24

Tgt Ion:	163	Resp:	173583
Ion Ratio	Lower	Upper	
163	100		
194	5.3	4.2	6.2
164	10.3	9.4	14.2



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





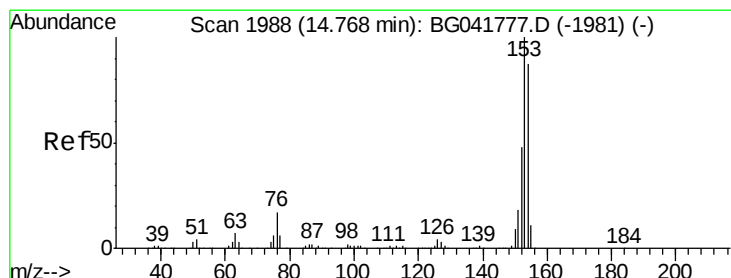
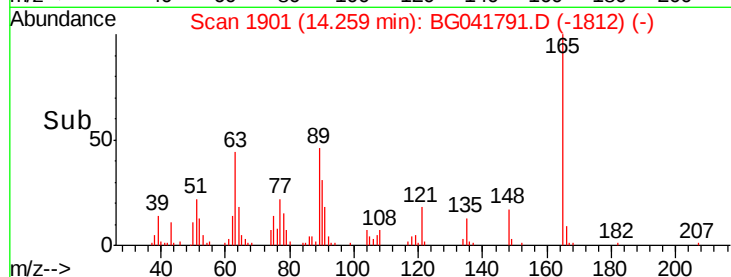
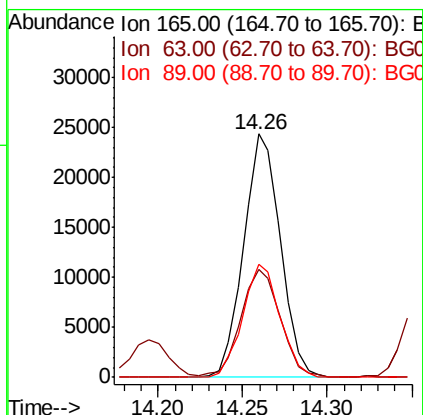
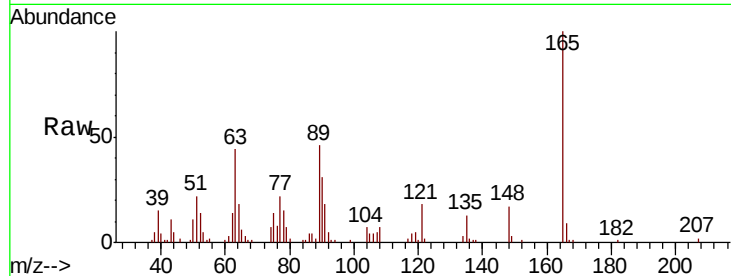
#51
 2,6-Dinitrotoluene
 Concen: 8.368 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	42.4	63.6
89	46.4	42.1	63.1

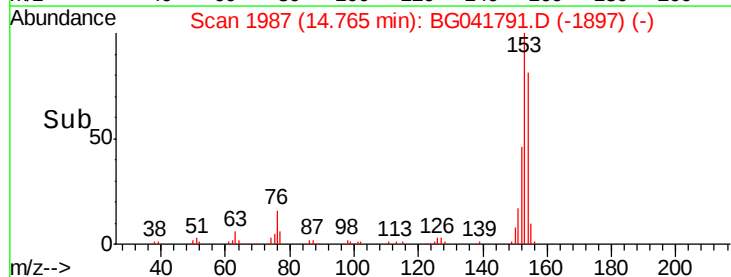
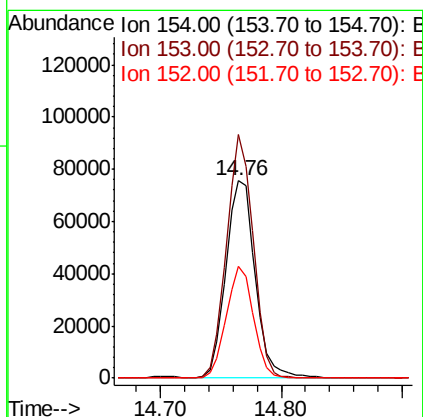
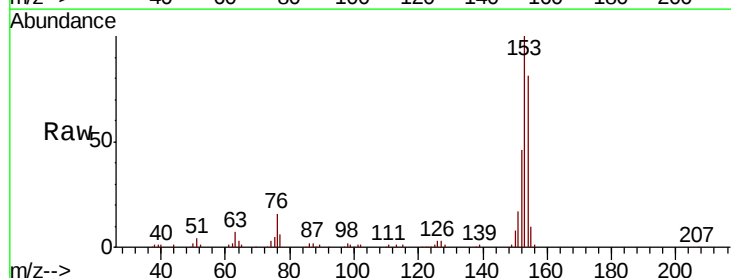
Manual Integrations
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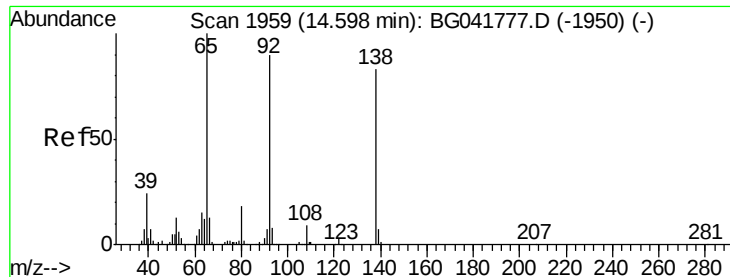
mohammad
 7/30/2019 4:52:31 PM



#52
 Acenaphthene
 Concen: 7.757 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	123.4	89.8	134.6
152	56.5	44.9	67.3





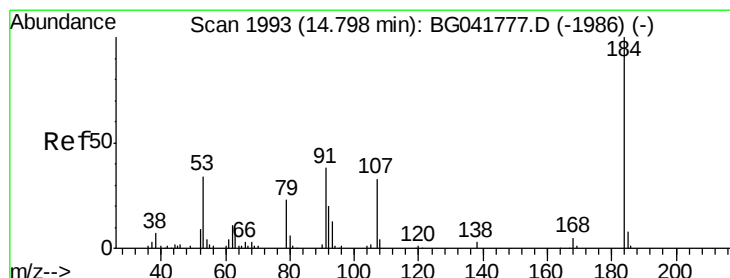
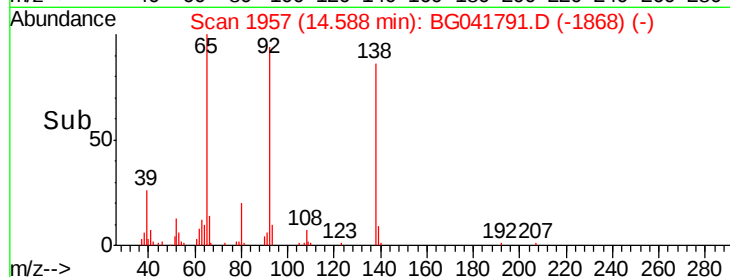
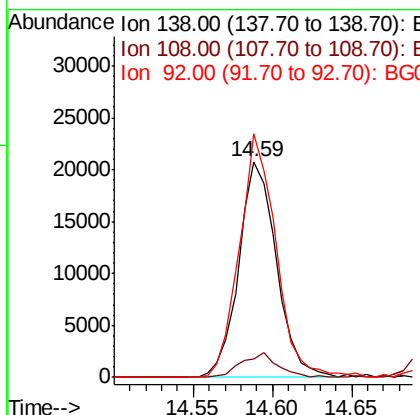
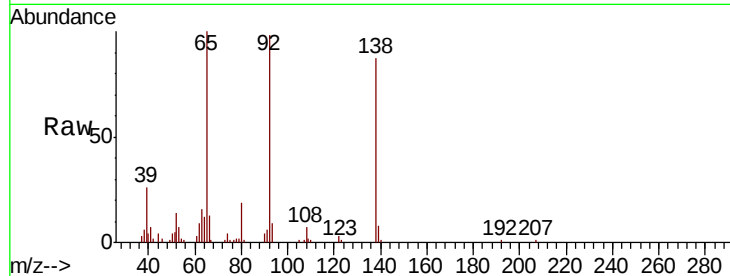
#53
3-Nitroaniline
Concen: 7.277 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.6	10.3	15.5#
92	112.8	93.0	139.4

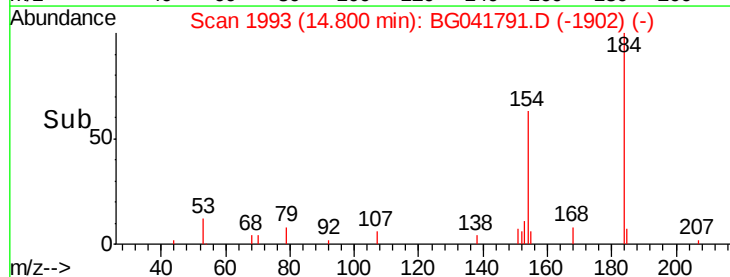
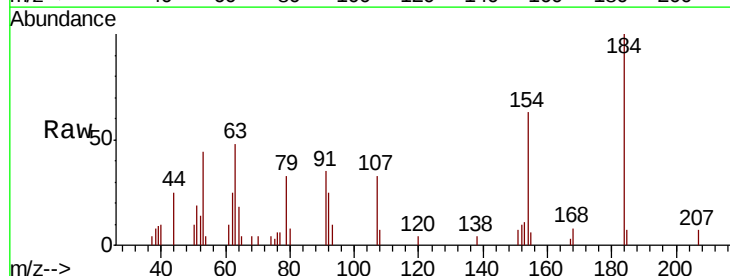
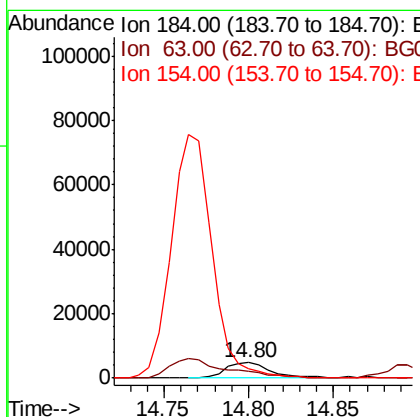
Manual Integrations
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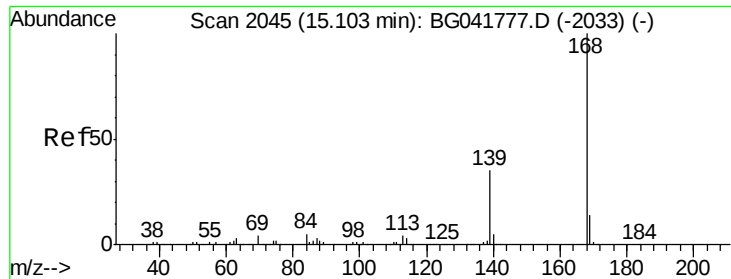
mohammad
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#54
2,4-Dinitrophenol
Concen: 7.982 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.5	43.2	64.8
154	62.5	51.4	77.2





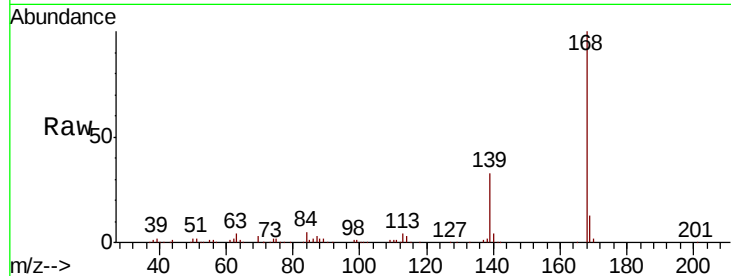
#55
Dibenzenofuran
Concen: 8.761 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	32.9	31.9	47.9
169	13.2	12.5	18.7

Manual Integrations
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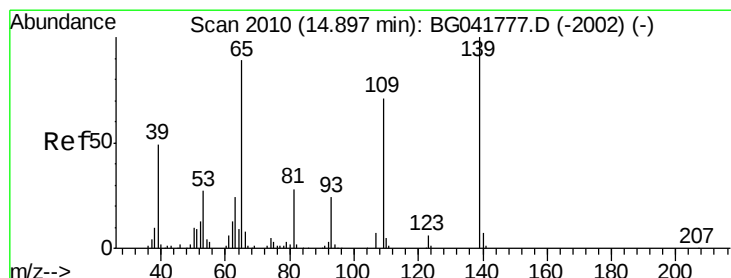
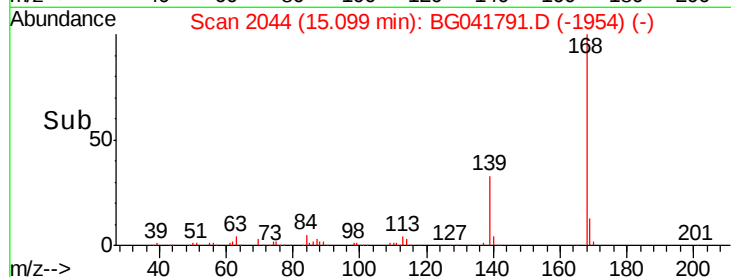
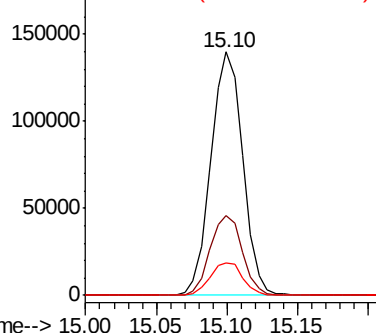


Abundance

Ion 168.00 (167.70 to 168.70): E

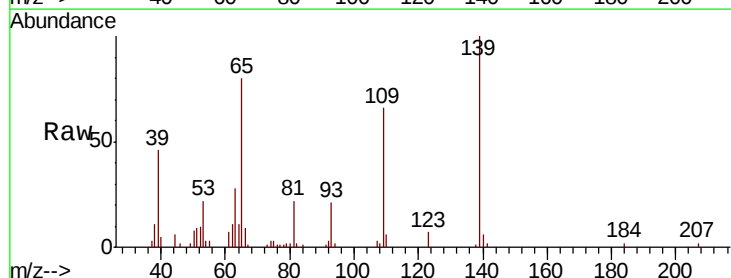
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 7.078 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.2	51.3	91.3
65	79.9	77.6	117.6

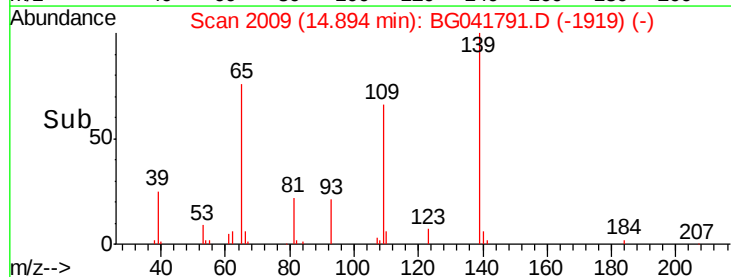
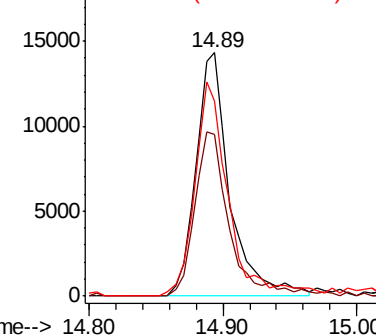


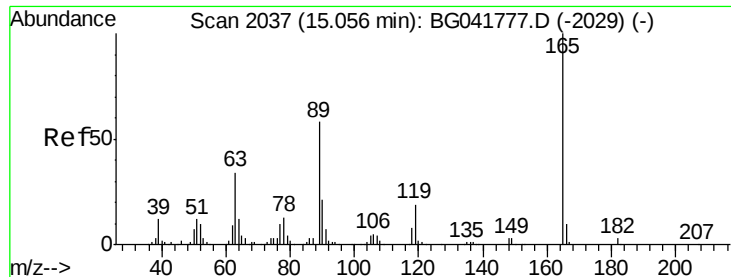
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





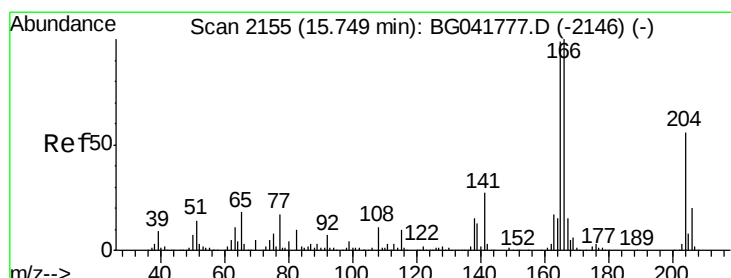
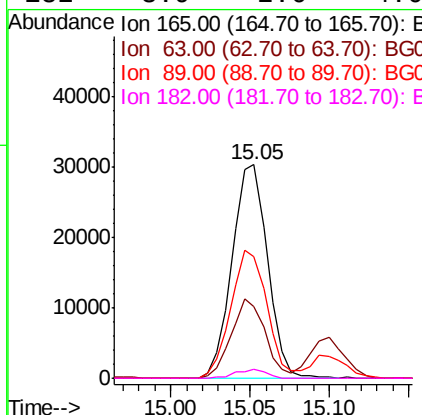
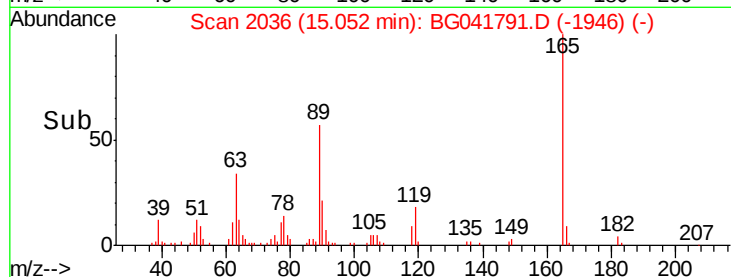
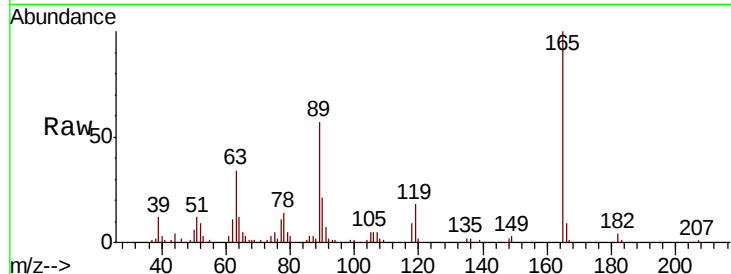
#57
2,4-Dinitrotoluene
Concen: 7.739 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	46906		
63	33.5	31.7	47.5	
89	57.1	50.2	75.4	
182	3.9	2.6	4.0	

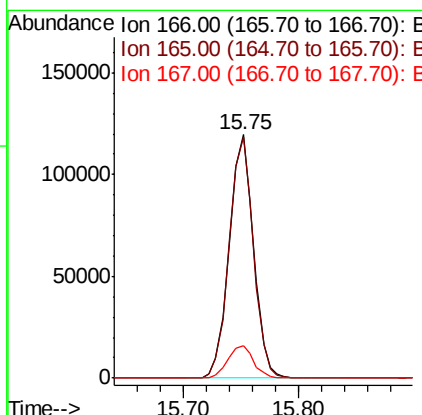
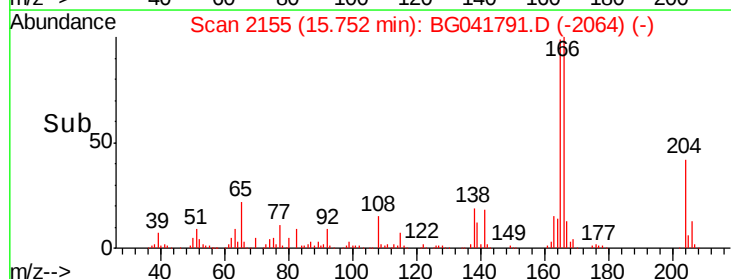
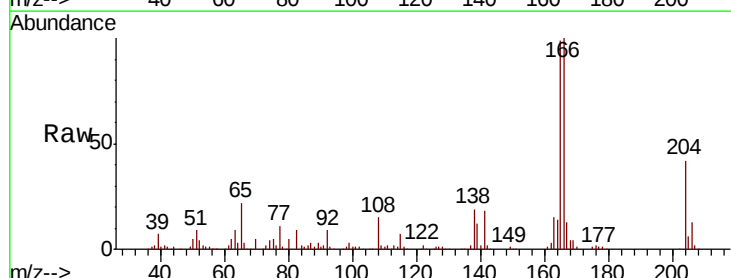
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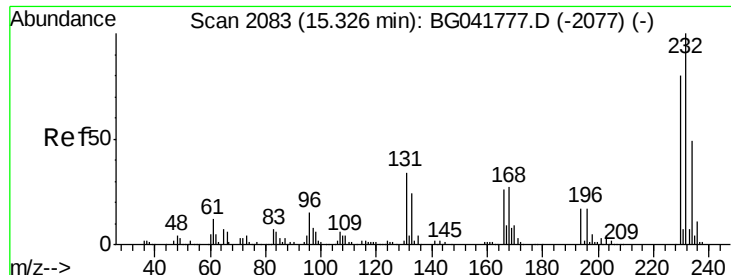
mohammad
7/30/2019 4:52:31 PM



#58
Fluorene
Concen: 8.595 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	173360		
165	98.8	80.5	120.7	
167	13.2	12.4	18.6	





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.383 ng

RT: 15.32 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

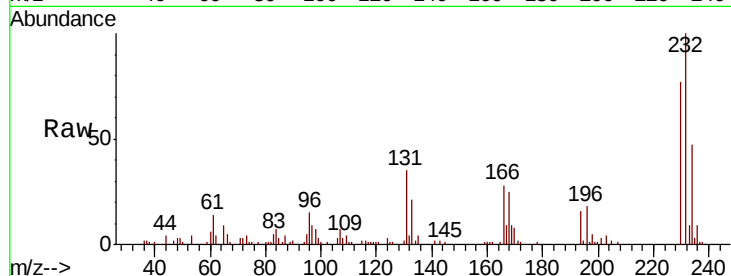
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
232	100	46917		
131	36.6		31.8	47.6
130	1.9		1.8	2.8
166	27.2		23.5	35.3

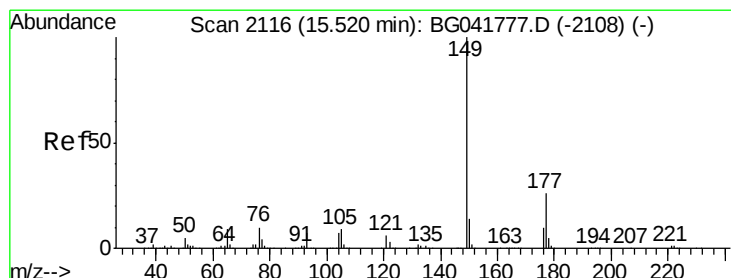
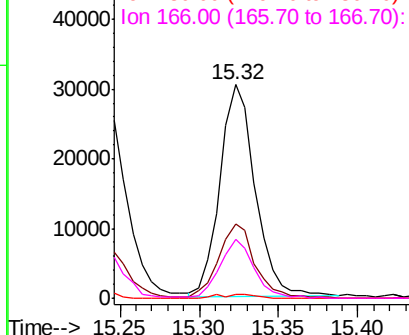
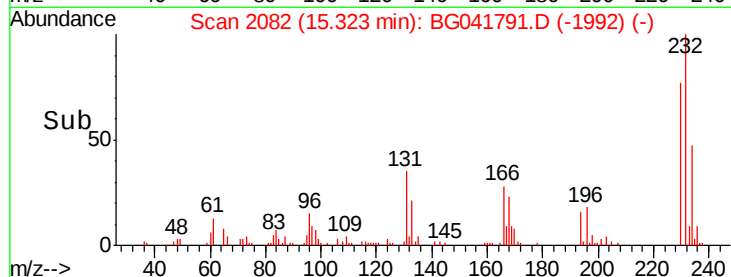
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 8.279 ng

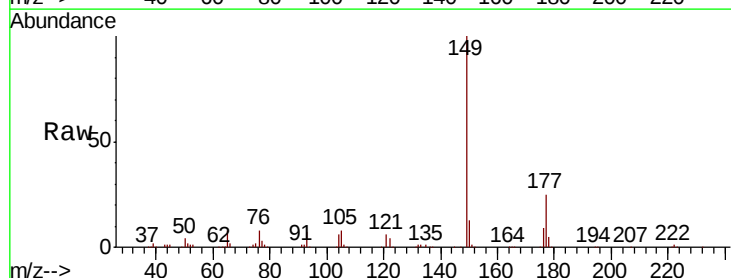
RT: 15.52 min Scan# 2115

Delta R.T. -0.00 min

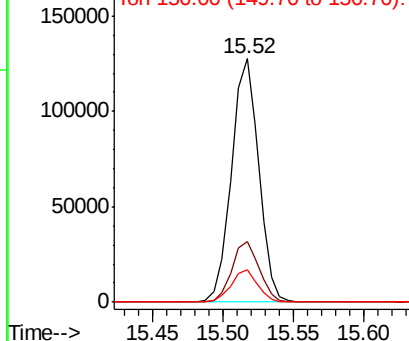
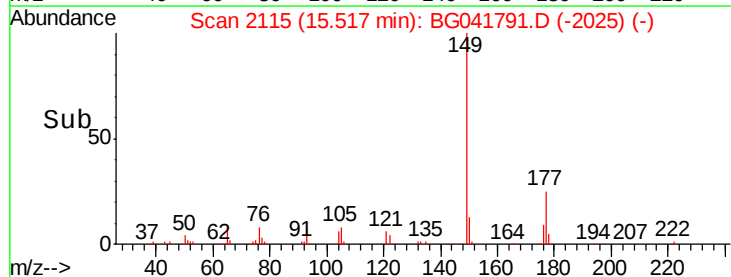
Lab File: BG041791.D

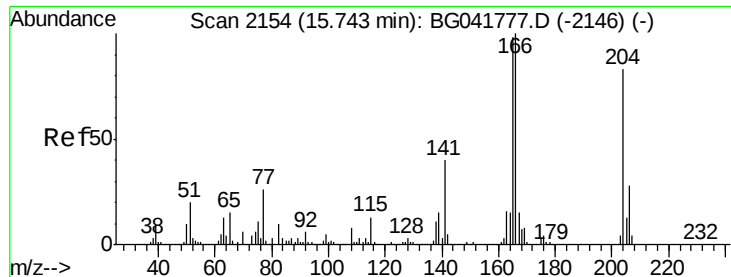
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	171315		
177	24.9		20.7	31.1
150	13.1		11.5	17.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





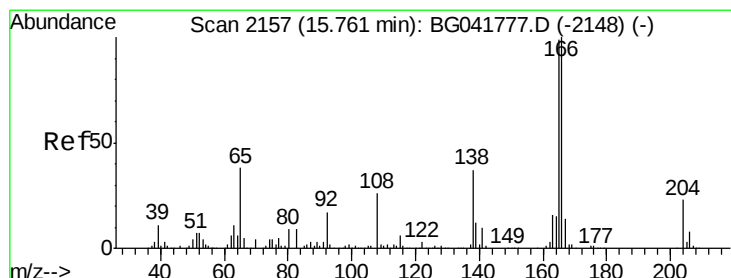
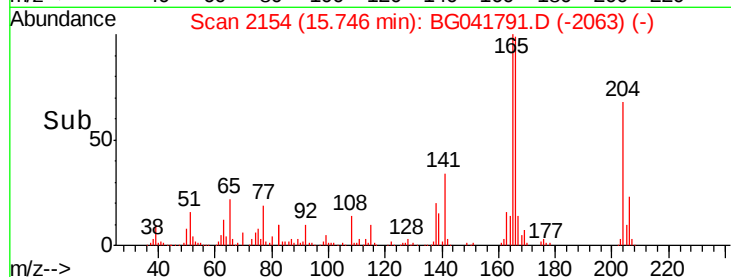
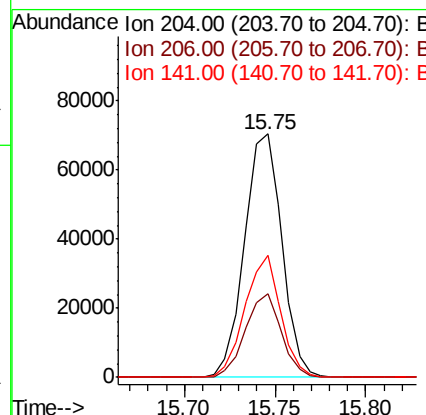
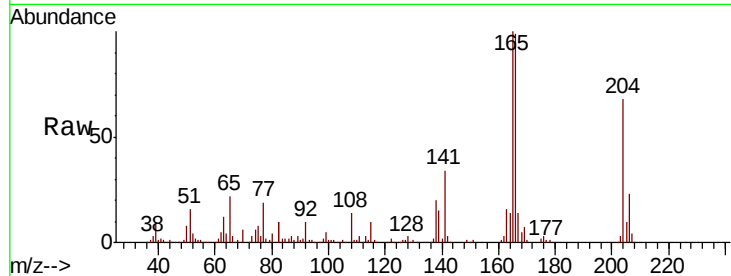
#61
 4-Chlorophenyl-phenylether
 Concen: 8.189 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Resp	Lower	Upper
204	100	100840		
206	34.6	28.6	42.8	
141	49.9	42.9	64.3	

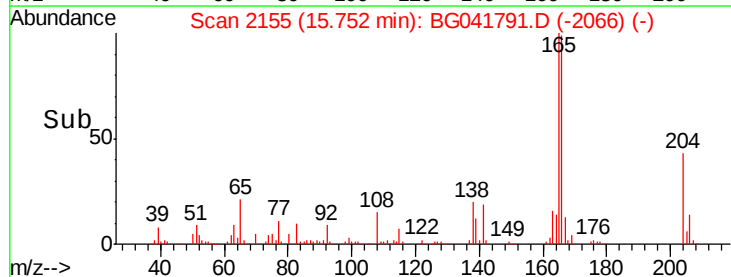
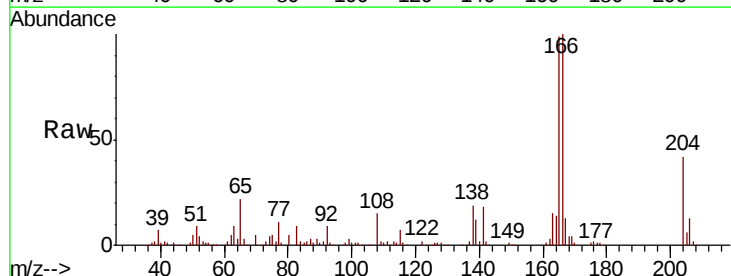
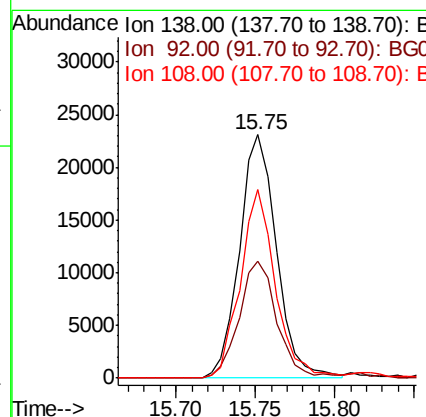
Manual Integrations
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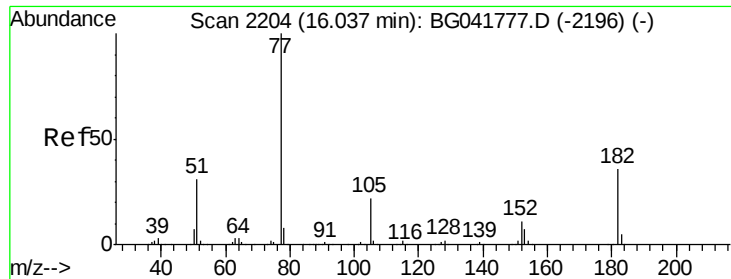
mohammad
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#62
 4-Nitroaniline
 Concen: 7.329 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	37427		
92	48.0	29.8	69.8	
108	77.2	52.2	92.2	





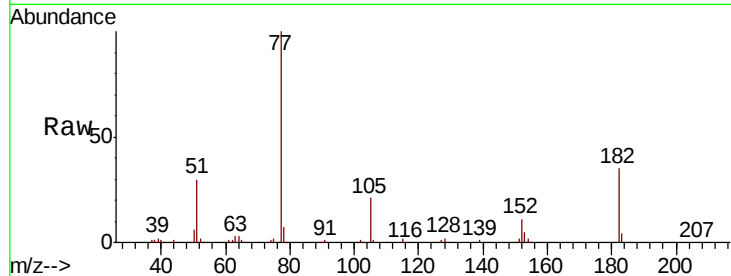
#63
Azobenzene
Concen: 8.231 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

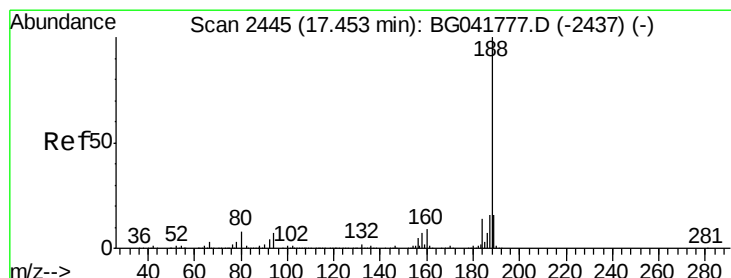
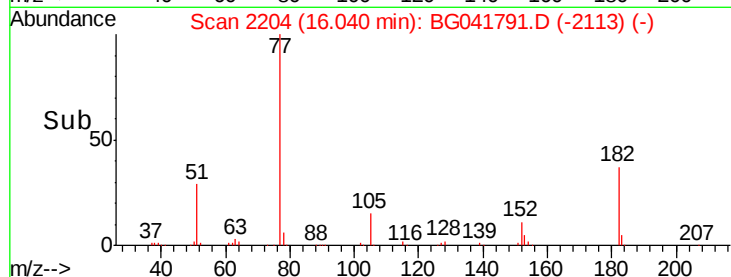
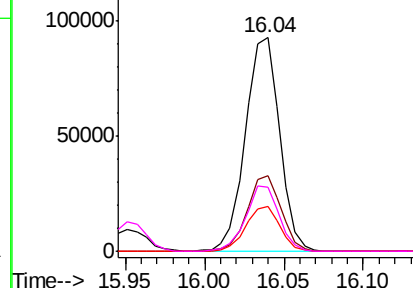
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	35.4	13.2	53.2	
105	20.8	2.2	42.2	
51	29.9	14.6	54.6	

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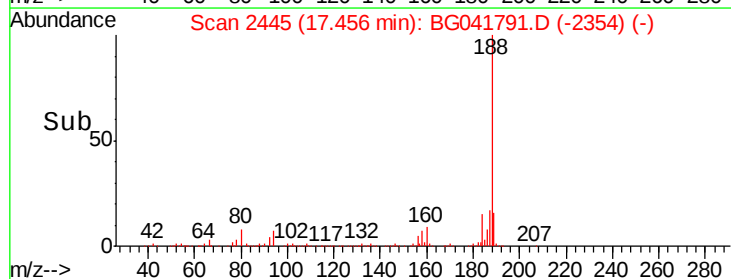
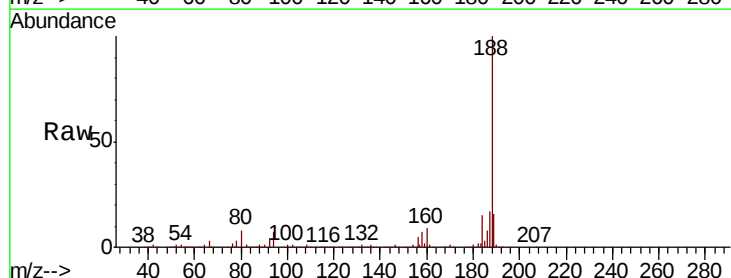
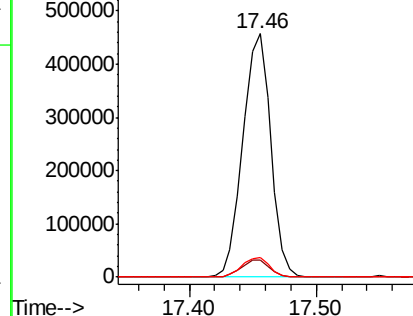
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

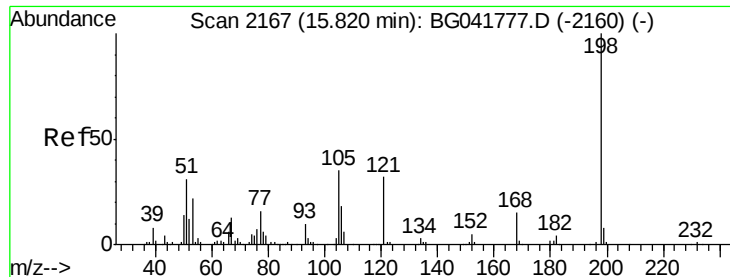


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.0	6.9	10.3	
80	8.2	8.0	12.0	

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





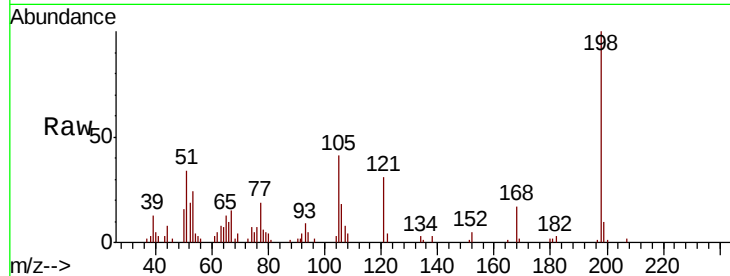
#65
4,6-Dinitro-2-methylphenol
Concen: 12.220 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.6	22.3	62.3
105	41.0	18.0	58.0

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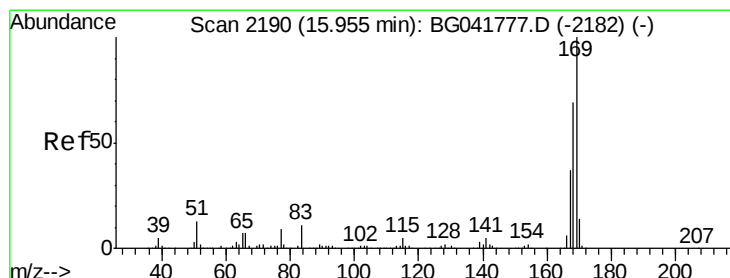
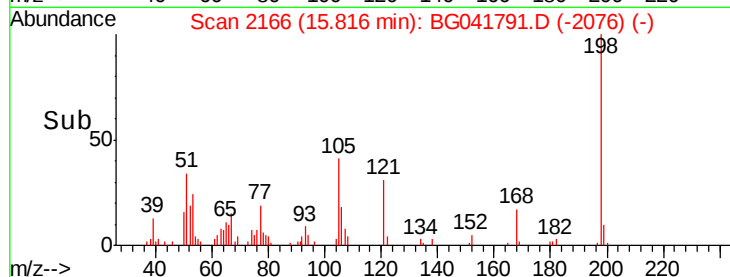
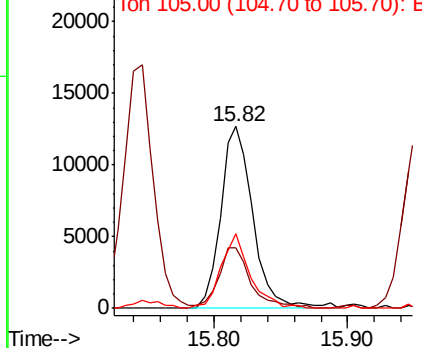


Abundance

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: 8.490 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

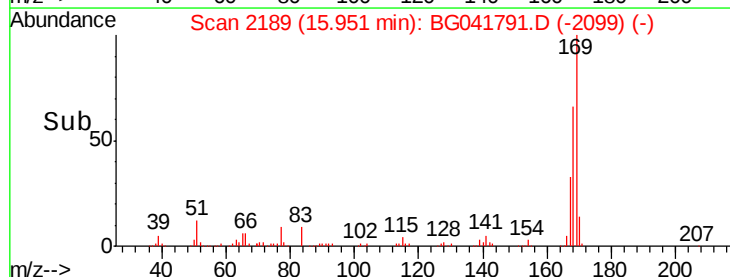
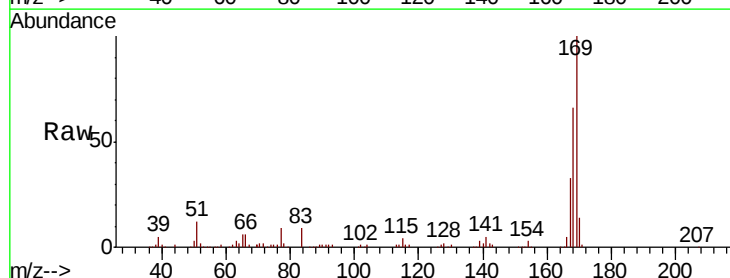
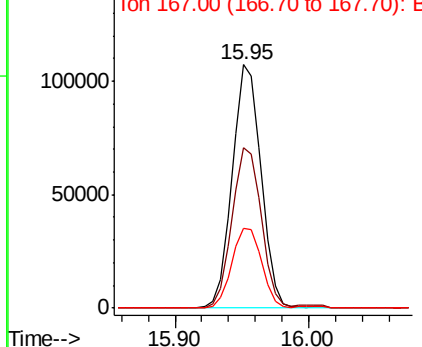
Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	56.9	85.3
167	32.8	31.5	47.3

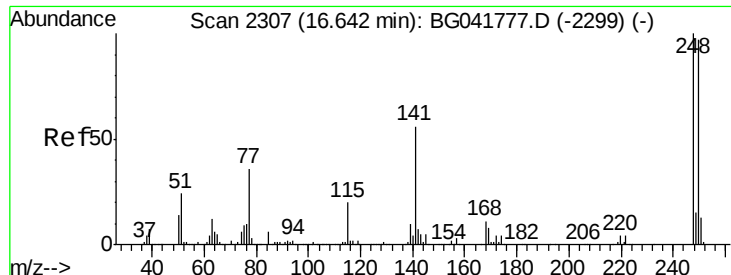
Abundance

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





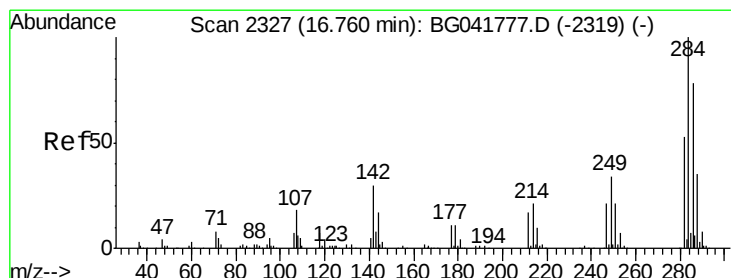
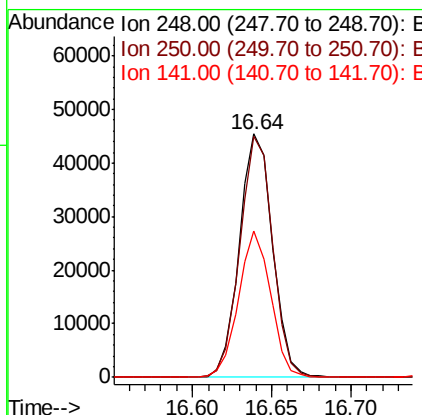
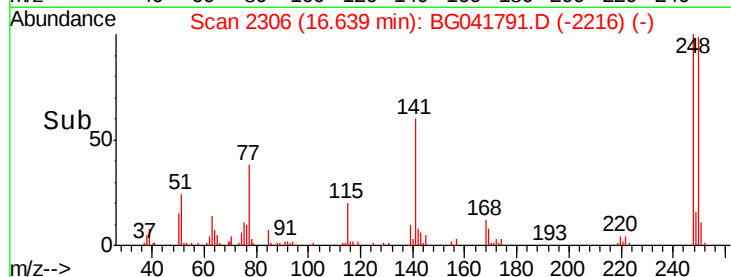
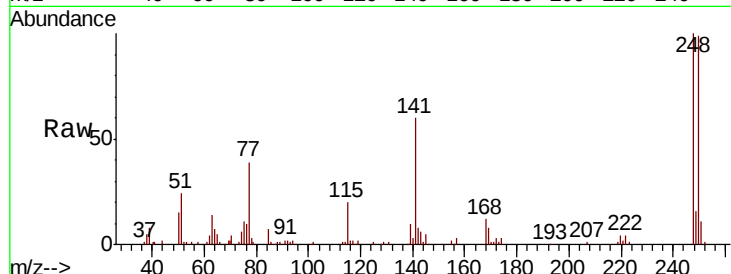
#67
 4-Bromophenyl-phenylether
 Concen: 7.684 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.1	117.1
141	59.9	49.6	74.4

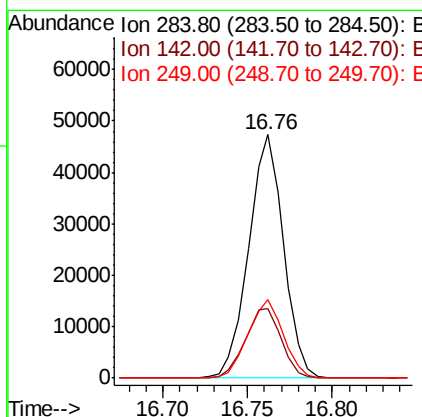
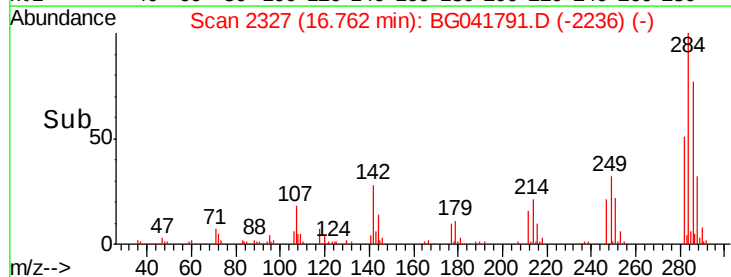
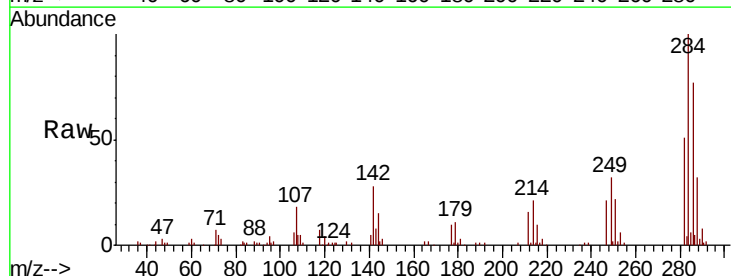
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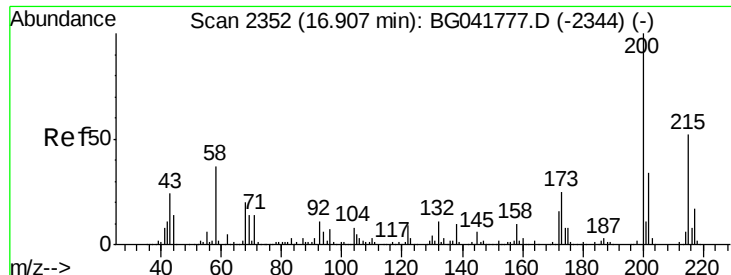
mohammad
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#68
 Hexachlorobenzene
 Concen: 7.570 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	27.0	40.6
249	34.7	28.4	42.6





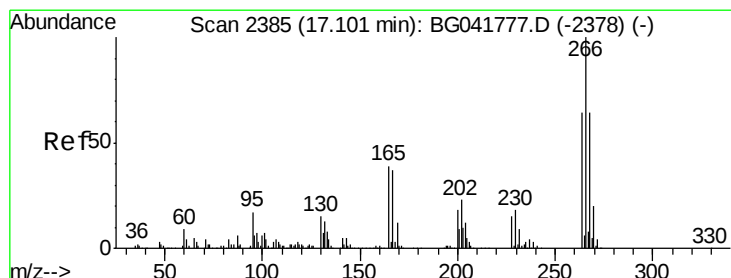
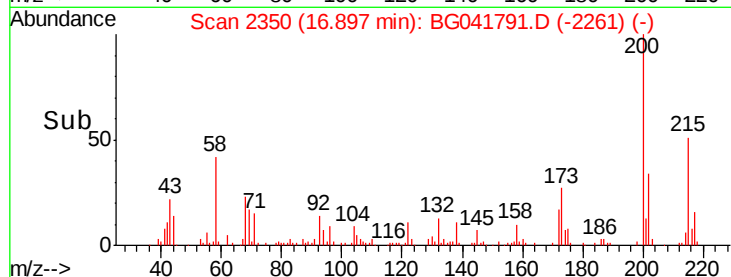
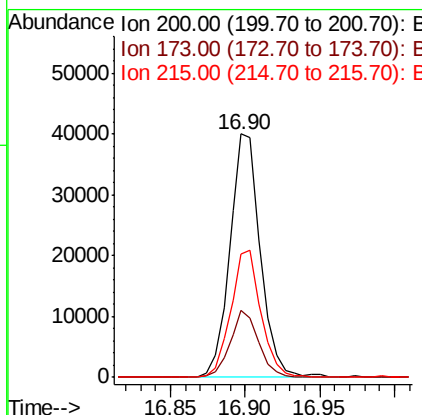
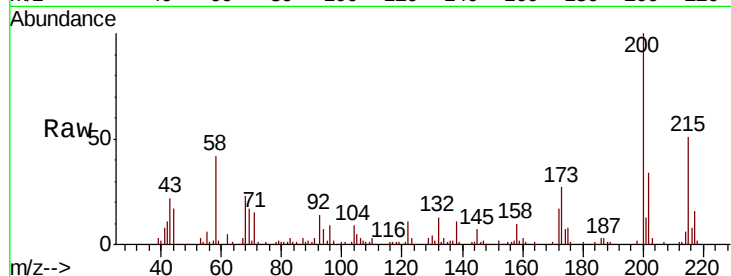
#69
Atrazine
Concen: 7.651 ng
RT: 16.90 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	5.3	45.3
215	50.8	31.8	71.8

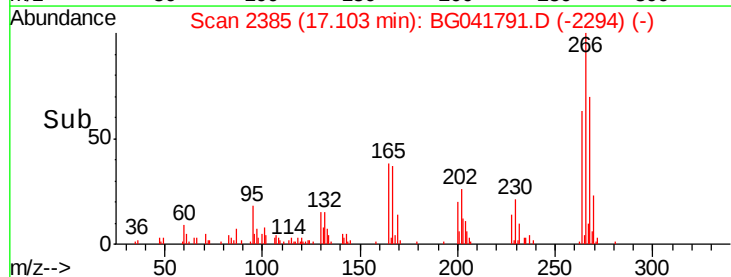
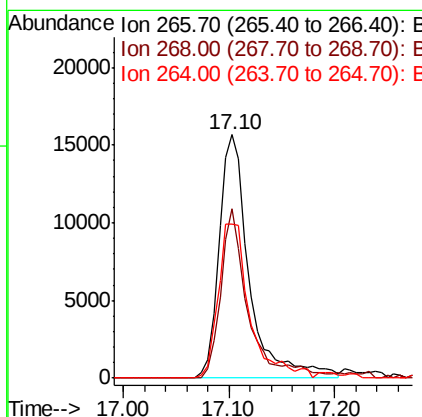
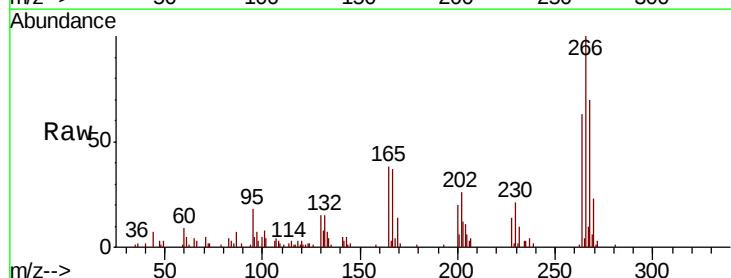
Manual Integrations
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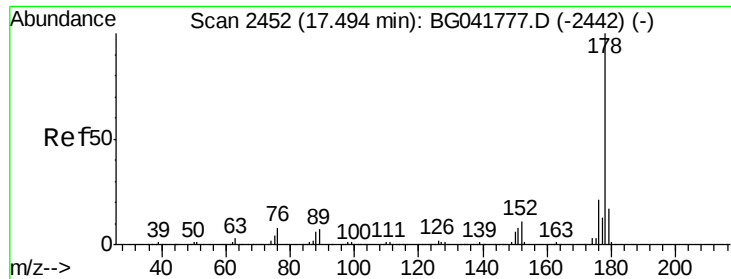
mohammad
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#70
Pentachlorophenol
Concen: 6.104 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.7	52.9	79.3
264	63.2	51.4	77.2





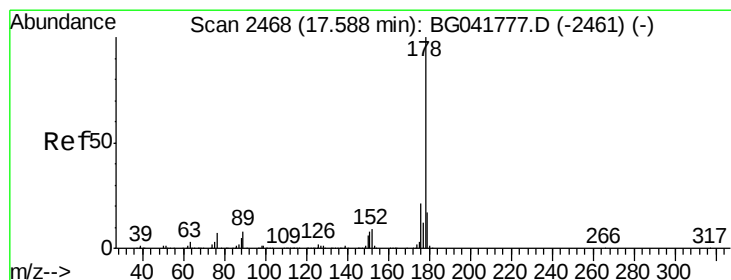
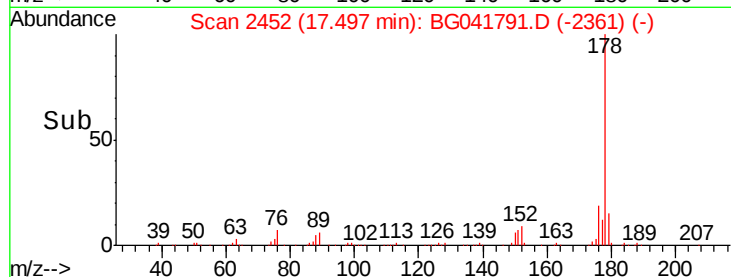
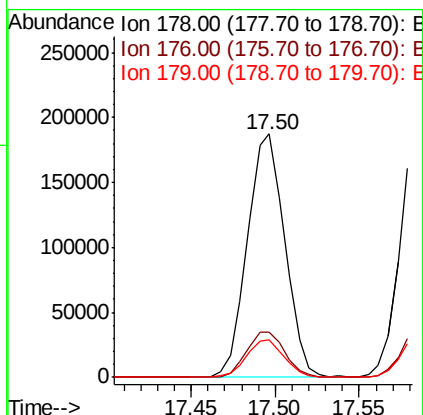
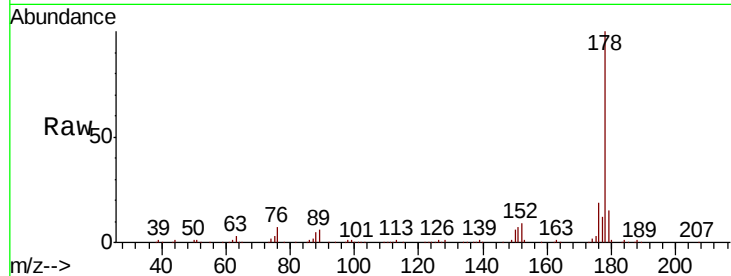
#71
Phenanthrene
Concen: 8.709 ng/mL
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	18.6	28.0
179	15.3	15.4	23.0

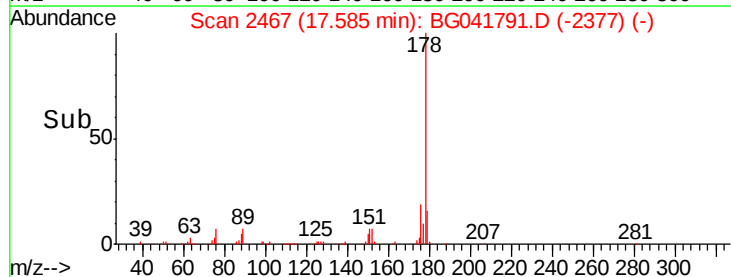
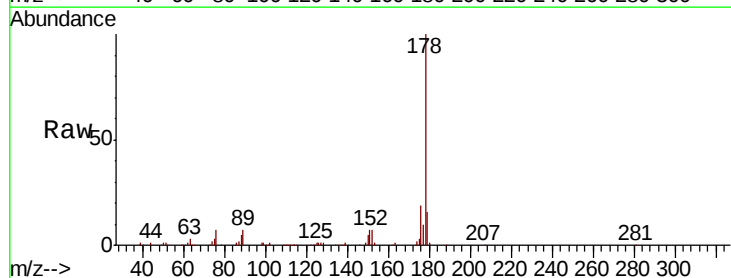
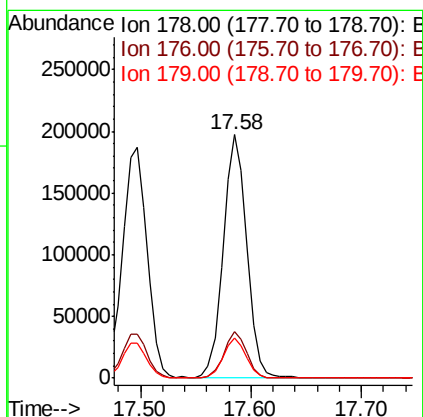
Manual Integrations
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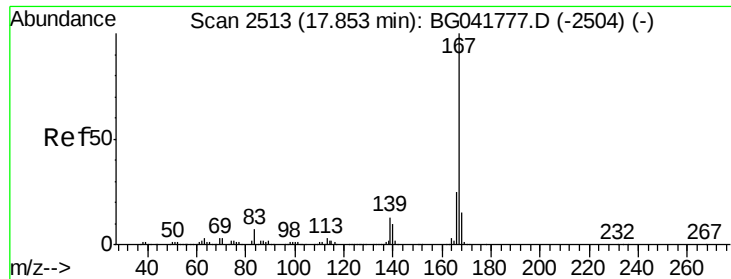
mohammad
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#72
Anthracene
Concen: 8.791 ng/mL
RT: 17.58 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	18.6	28.0
179	16.4	15.1	22.7





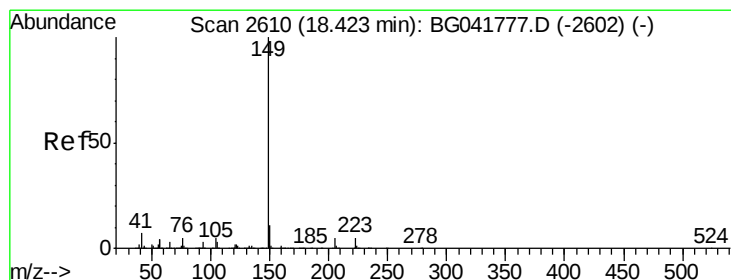
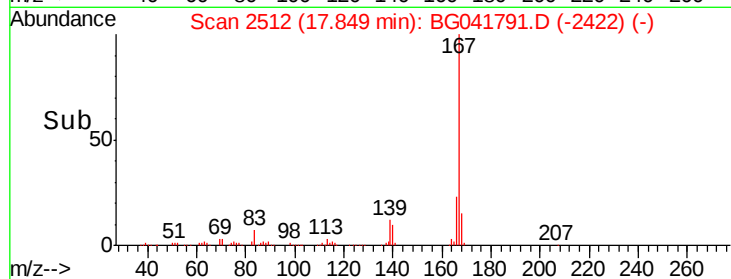
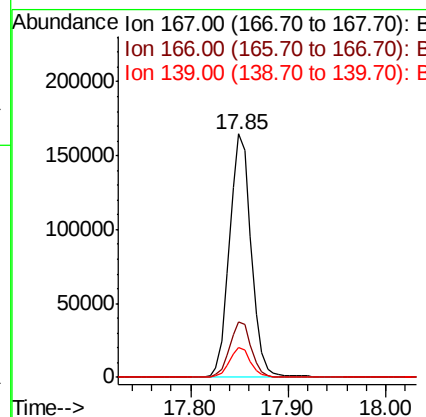
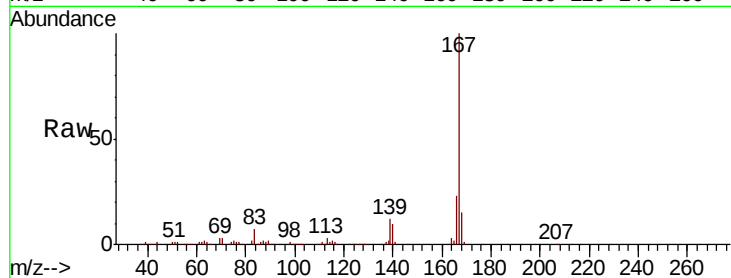
#73
 Carbazole
 Concen: 8.536 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		254978		
166	22.6	21.4	32.2		
139	12.1	12.1	18.1		

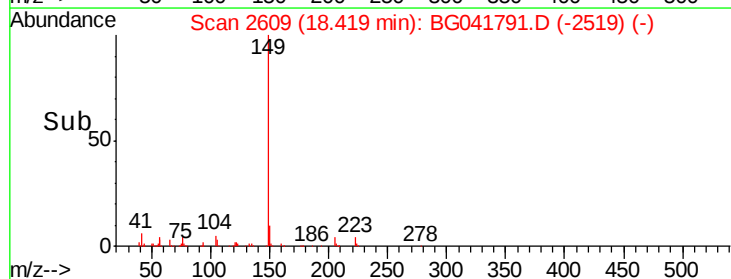
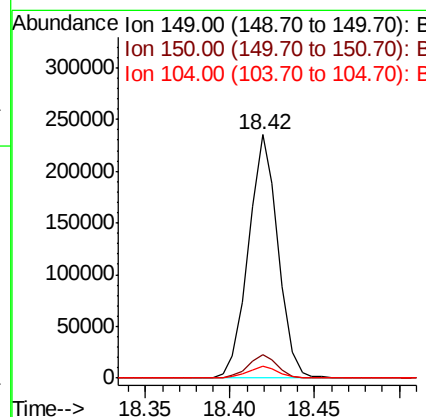
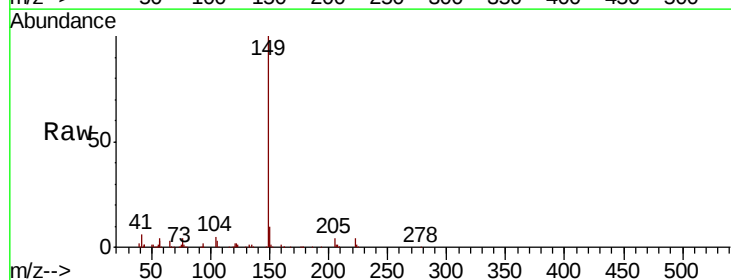
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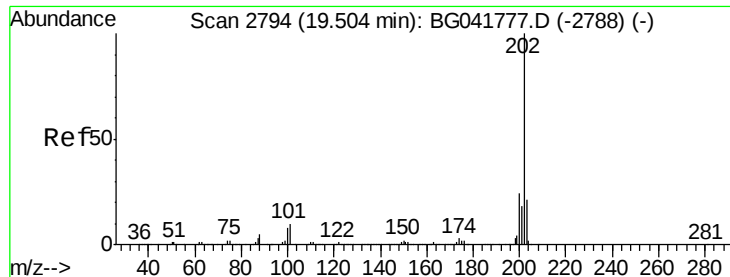
mohammad
 7/30/2019 4:52:31 PM



#74
 Di-n-butylphthalate
 Concen: 8.451 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG041791.D
 Acq: 29 Jul 2019 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		286170		
150	9.7	10.2	15.2#		
104	4.7	5.3	7.9#		





#75

Fluoranthene

Concen: 8.926 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

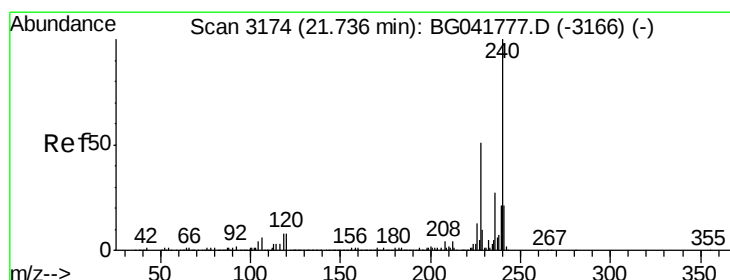
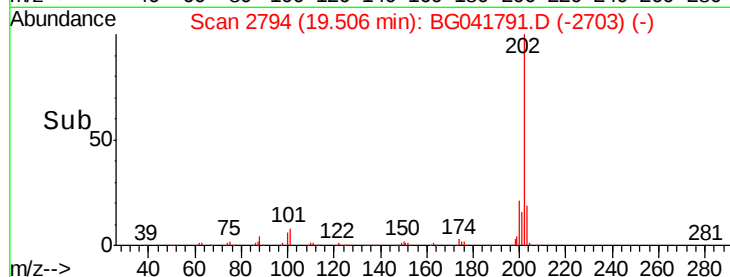
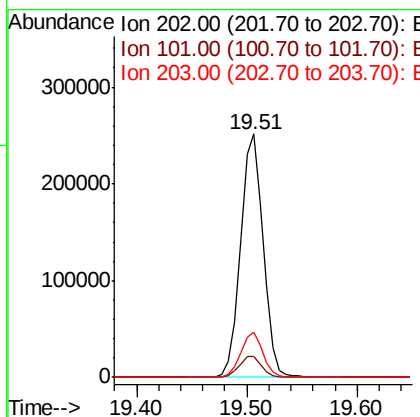
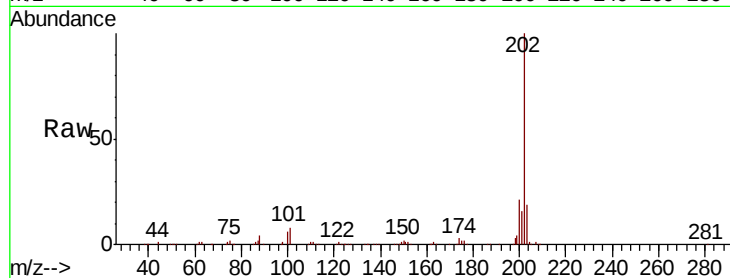
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	202	Resp:	362042
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	32.8
203	18.8	3.7	43.7

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#76

Chrysene-d12

Concen: 20.000 ng

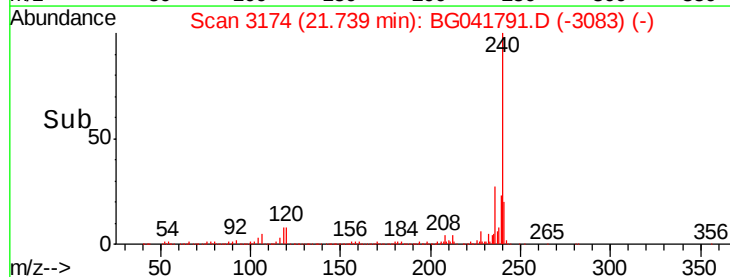
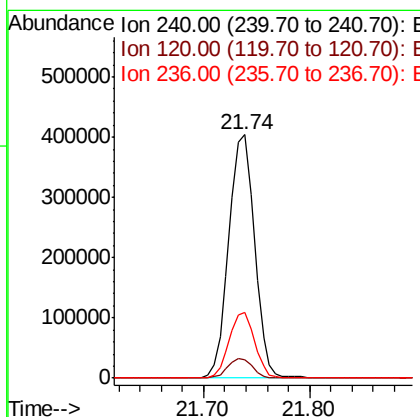
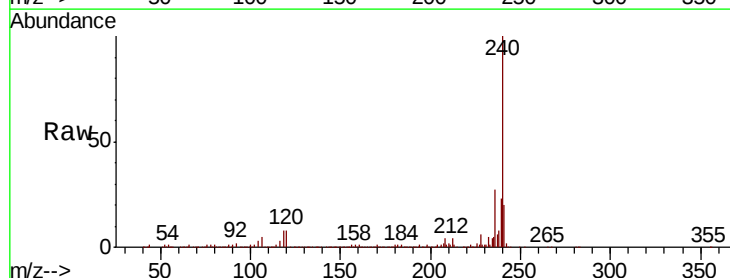
RT: 21.74 min Scan# 3174

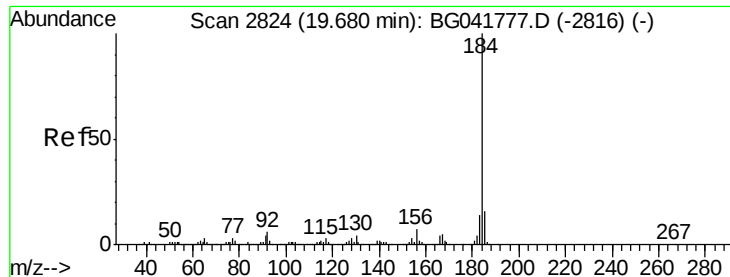
Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Tgt Ion:	240	Resp:	683300
Ion Ratio	Lower	Upper	
240	100		
120	7.7	8.0	12.0#
236	26.9	22.6	33.8





#77

Benzidine

Concen: 7.654 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

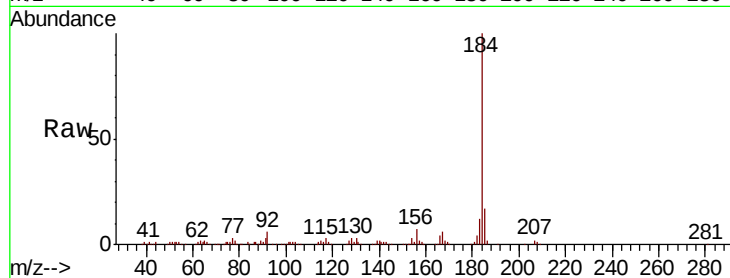
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	184	Resp:	170703
Ion Ratio	Lower	Upper	
184	100		
185	16.7	13.0	19.4
183	12.4	11.8	17.6

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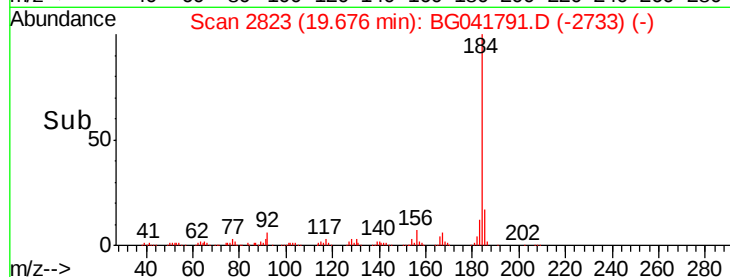
Abundance

Ion 184.00 (183.70 to 184.70): E

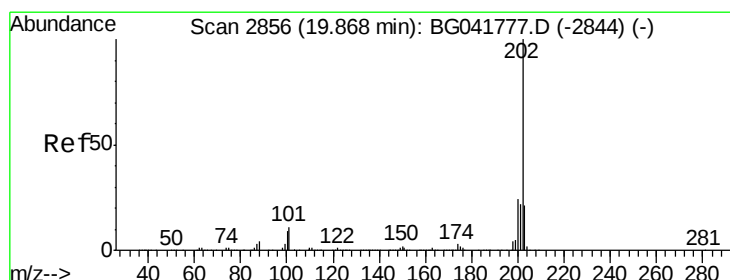
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.68



Time-->



#78

Pyrene

Concen: 9.333 ng

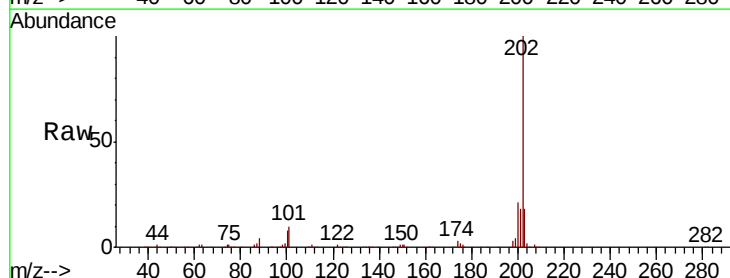
RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Tgt Ion:	202	Resp:	377848
Ion Ratio	Lower	Upper	
202	100		
200	20.6	22.2	33.2#
203	18.1	18.9	28.3#



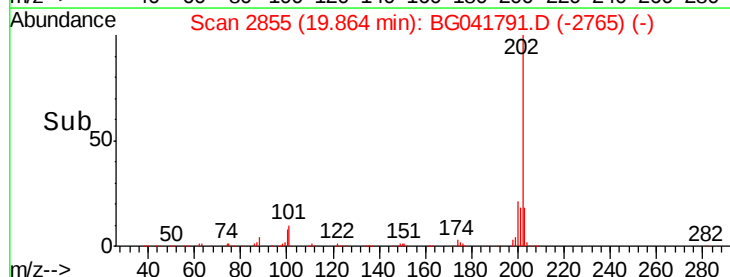
Abundance

Ion 202.00 (201.70 to 202.70): E

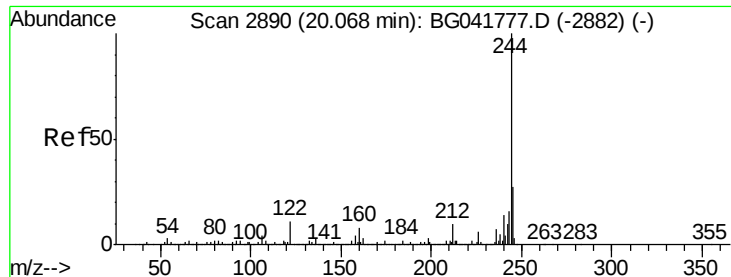
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.86



Time-->



#79

Terphenyl-d14

Concen: 73.468 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:244 Resp: 2193836

Ion Ratio Lower Upper

244 100

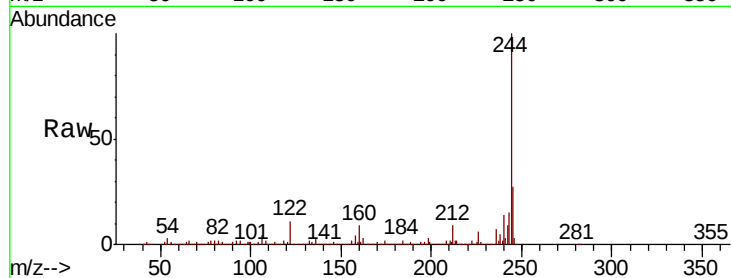
212 9.4 9.7 14.5#

122 11.2 12.5 18.7#

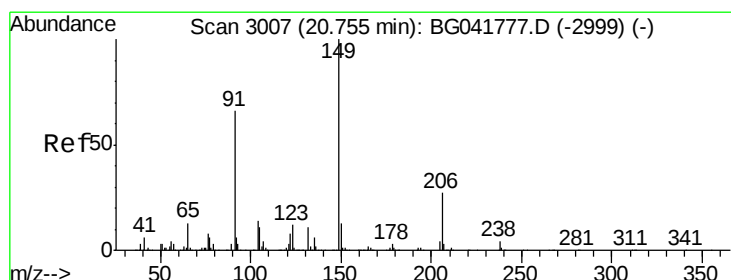
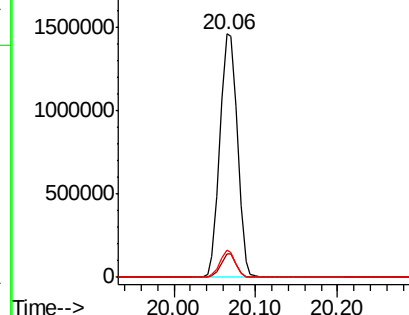
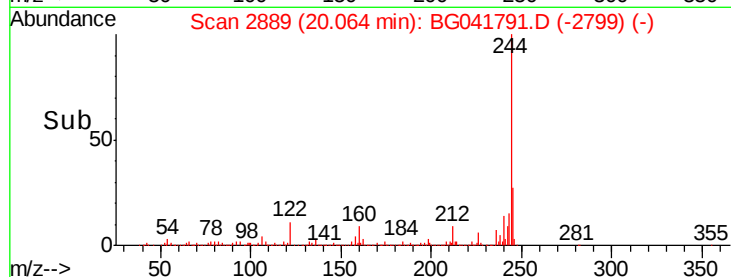
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.518 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

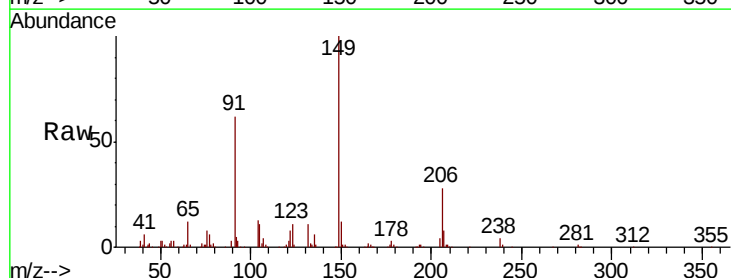
Tgt Ion:149 Resp: 116686

Ion Ratio Lower Upper

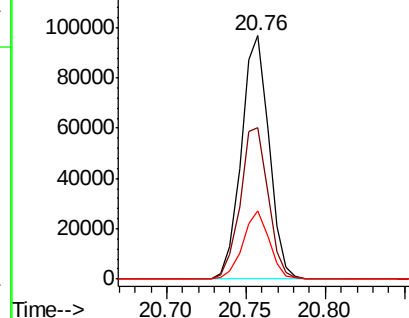
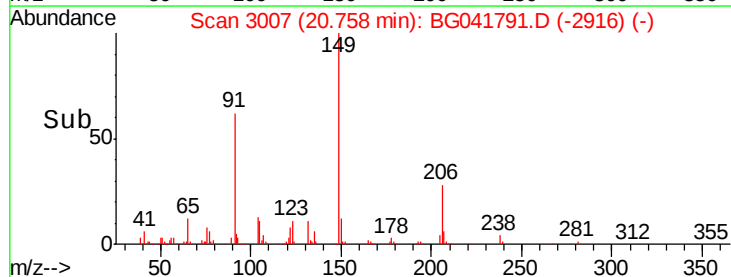
149 100

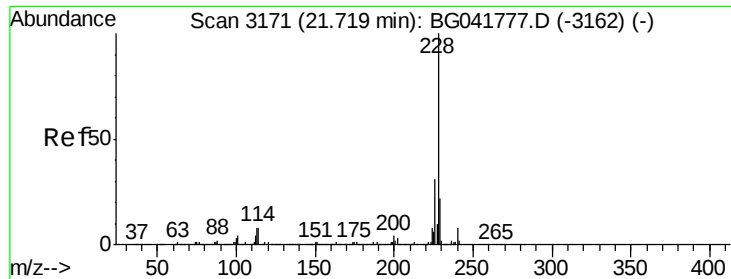
91 62.1 58.9 88.3

206 27.9 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E
120000
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





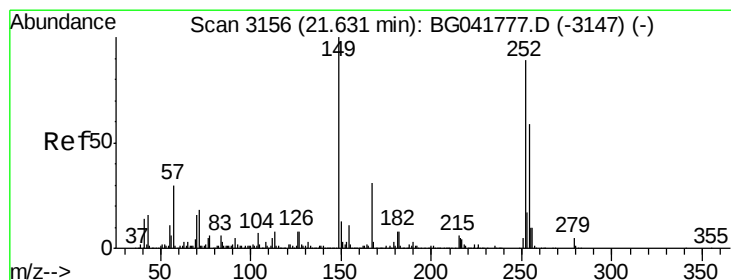
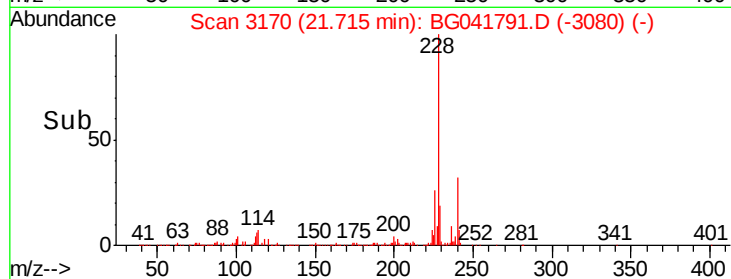
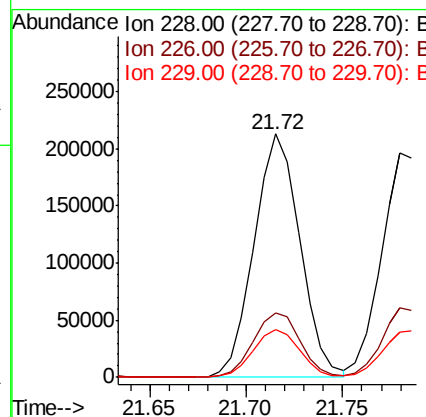
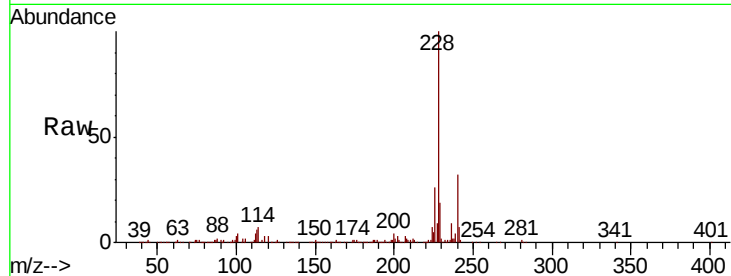
#81
Benzo(a)anthracene
Concen: 8.665 ng m
RT: 21.72 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	27.3	40.9#
229	19.4	19.7	29.5#

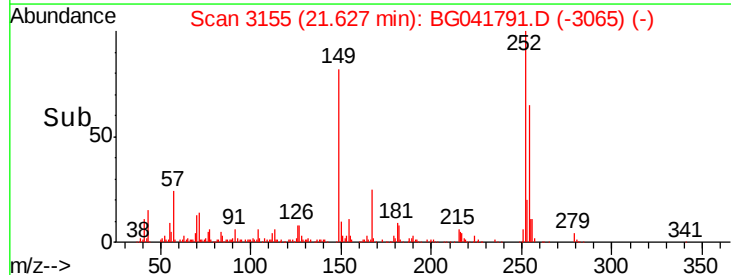
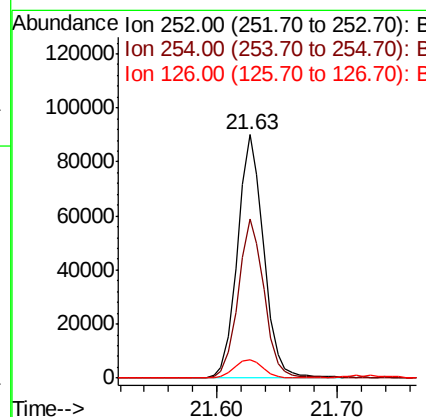
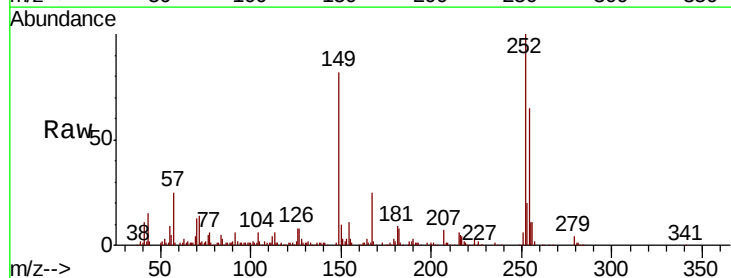
Manual Integrations
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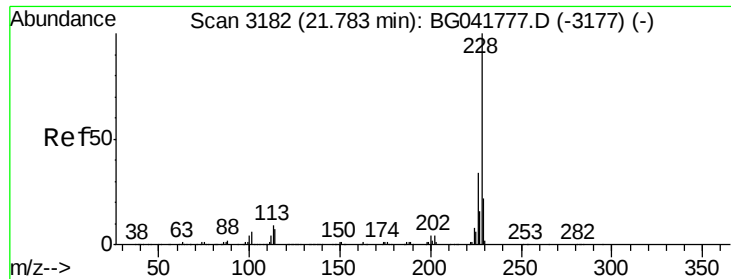
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 8.416 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.8	80.6
126	7.6	7.8	11.8#





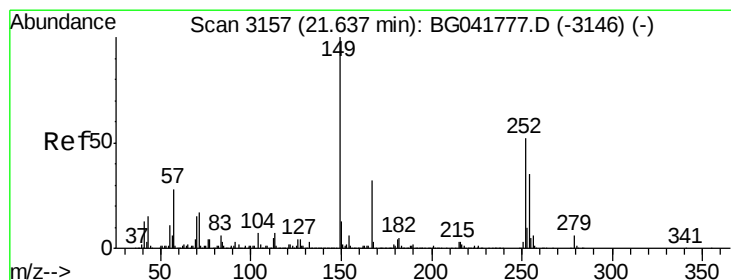
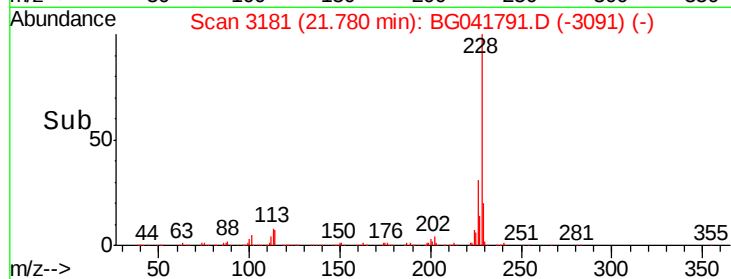
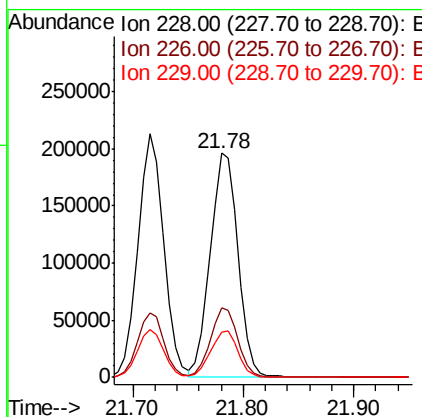
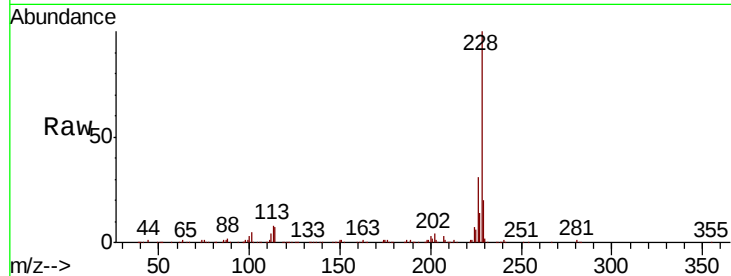
#83
Chrysene
Concen: 8.731 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	30.1	45.1
229	20.4	19.8	29.6

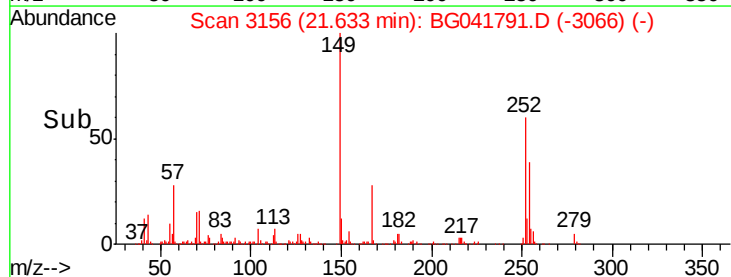
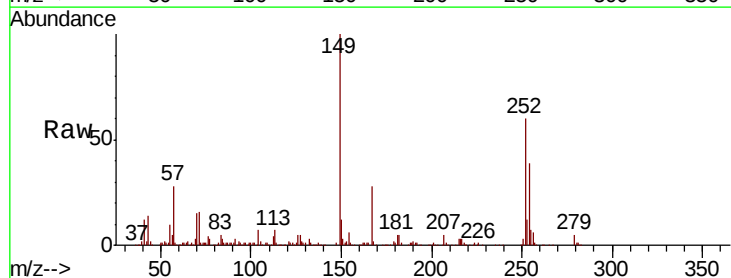
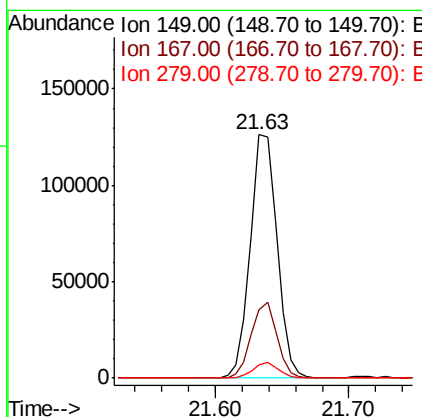
Manual Integrations
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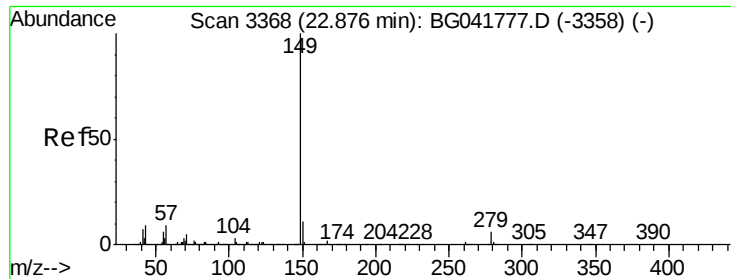
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 8.151 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	27.0	40.4
279	5.4	5.0	7.6





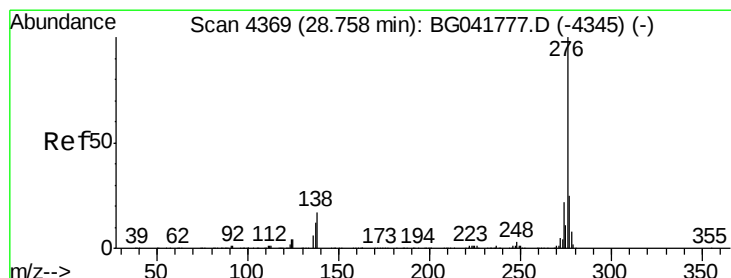
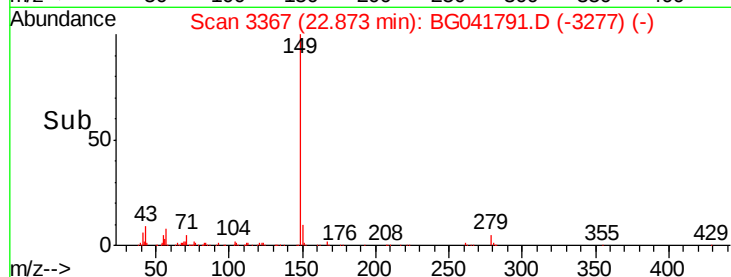
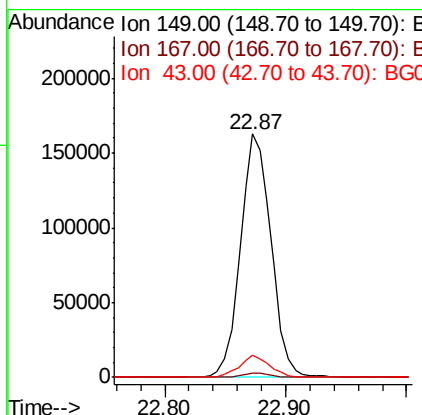
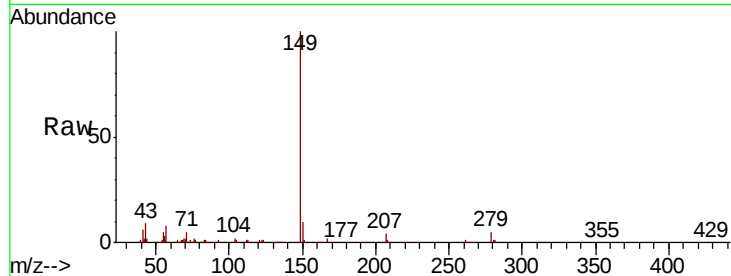
#85
Di-n-octyl phthalate
Concen: 7.965 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.00 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	287010		
167	1.8		1.6	2.4
43	9.2		10.6	16.0#

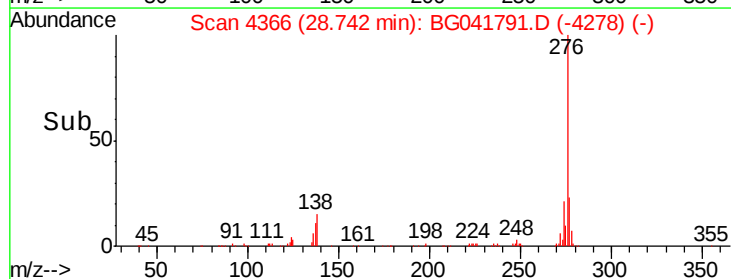
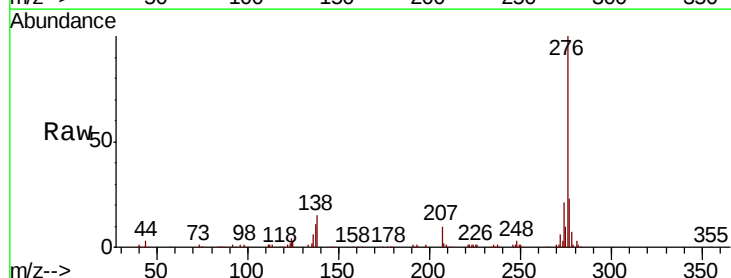
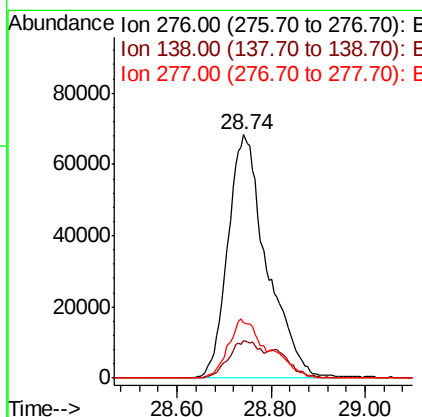
Manual Integrations
APPROVED

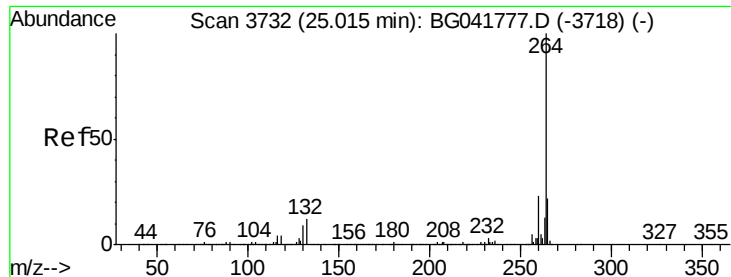
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 7.639 ng
RT: 28.74 min Scan# 4366
Delta R.T. -0.02 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	391856		
138	12.9		19.4	29.0#
277	19.4		21.2	31.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

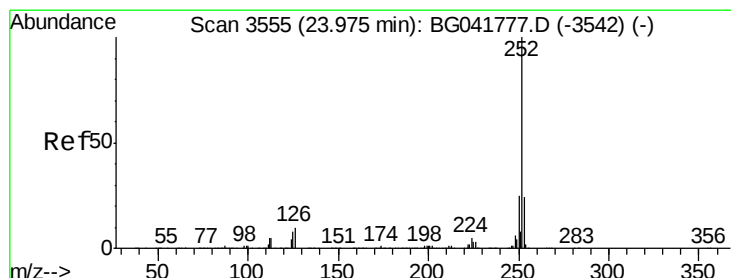
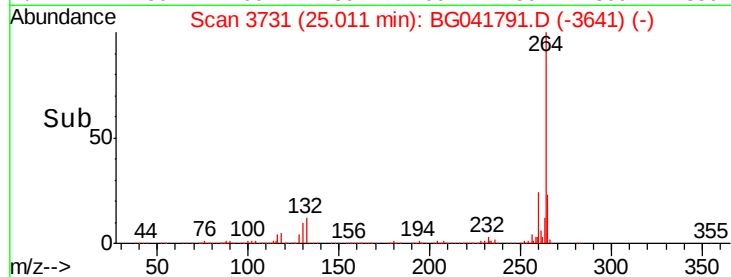
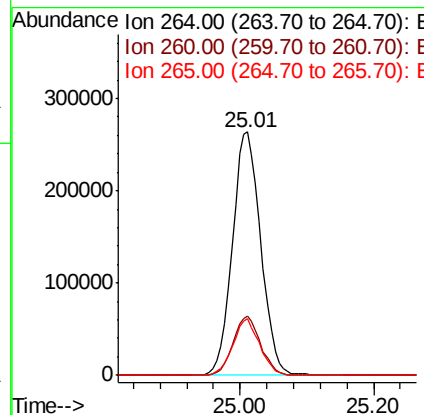
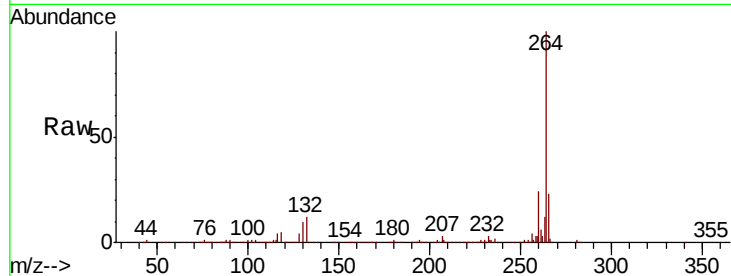
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	264	Resp:	780237
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	23.2	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 8.128 ng

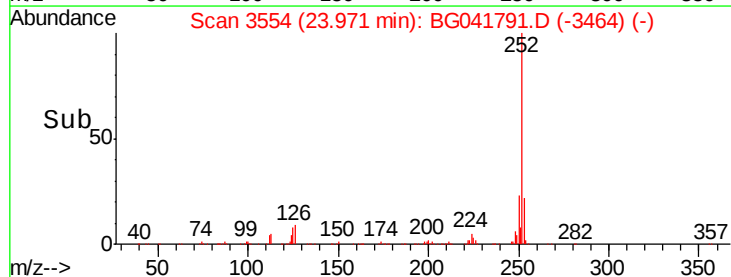
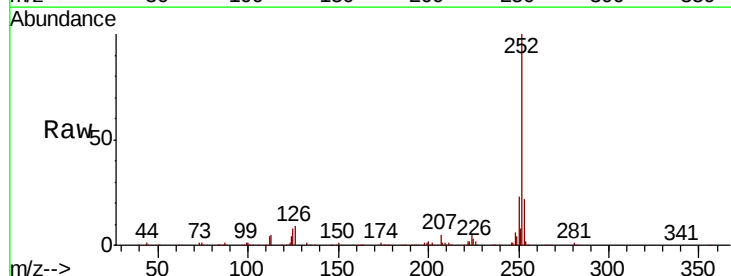
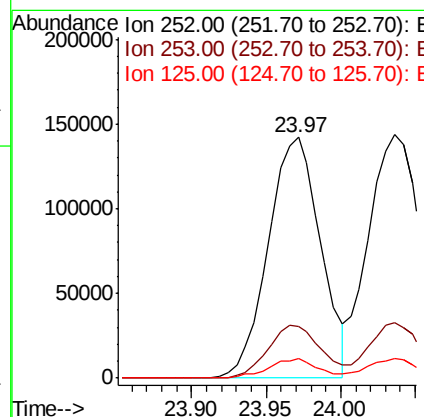
RT: 23.97 min Scan# 3554

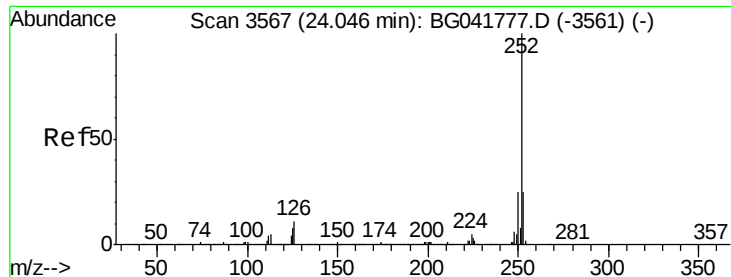
Delta R.T. -0.00 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Tgt Ion:	252	Resp:	346909
Ion Ratio	Lower	Upper	
252	100		
253	21.6	20.6	30.8
125	8.2	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 8.624 ng

RT: 24.04 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Instrument :

BNA_G

ClientSampleId :

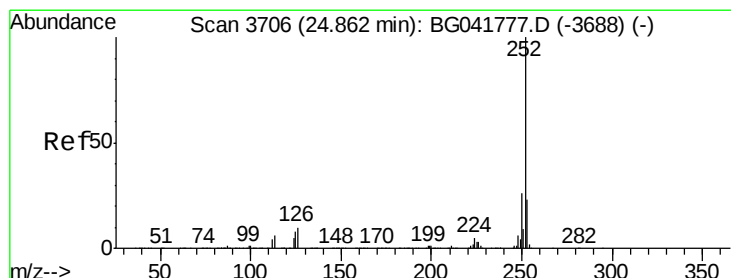
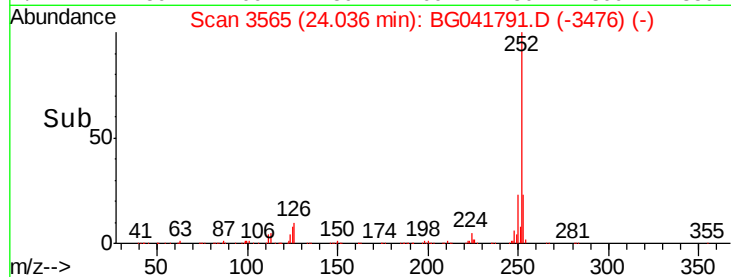
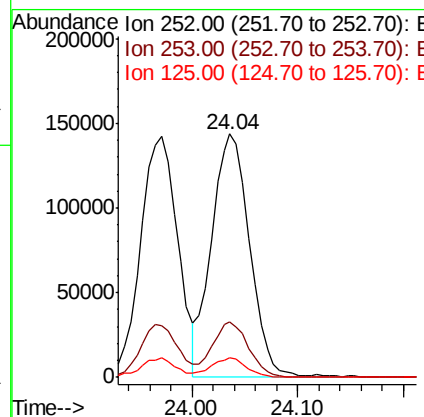
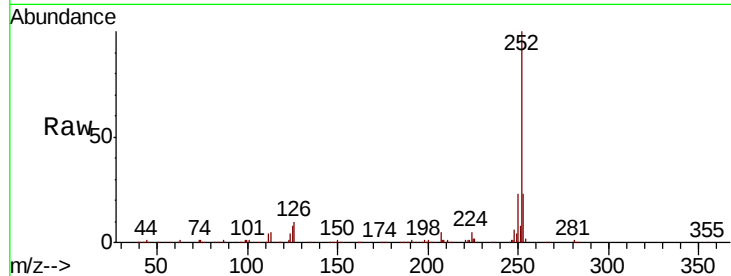
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.6	20.5	30.7	
125	7.9	8.4	12.6	

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#90

Benzo(a)pyrene

Concen: 8.340 ng

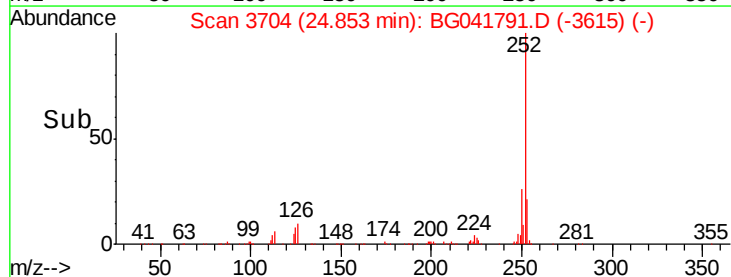
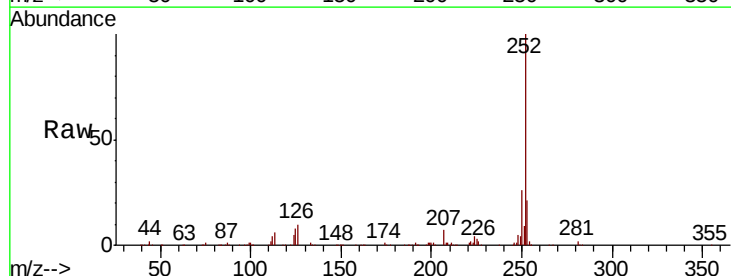
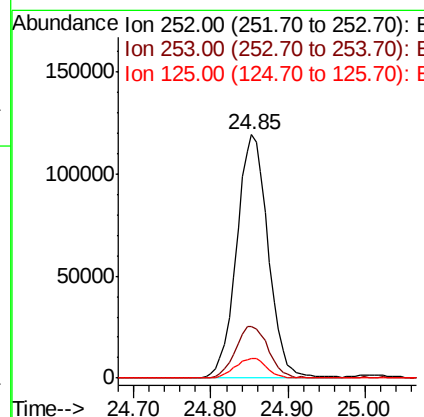
RT: 24.85 min Scan# 3704

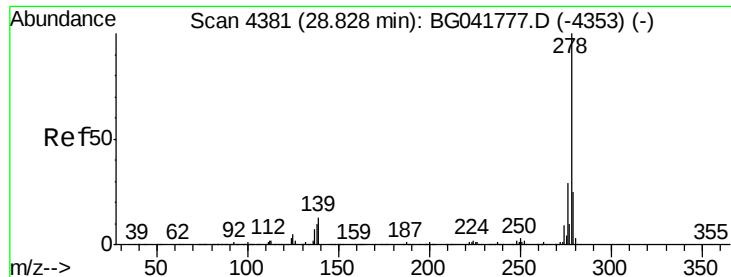
Delta R.T. -0.01 min

Lab File: BG041791.D

Acq: 29 Jul 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.4	19.8	29.8	
125	8.3	8.8	13.2	





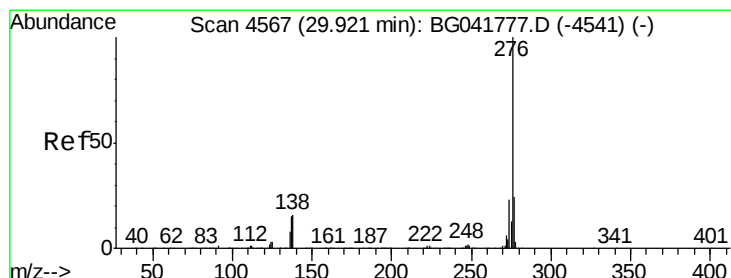
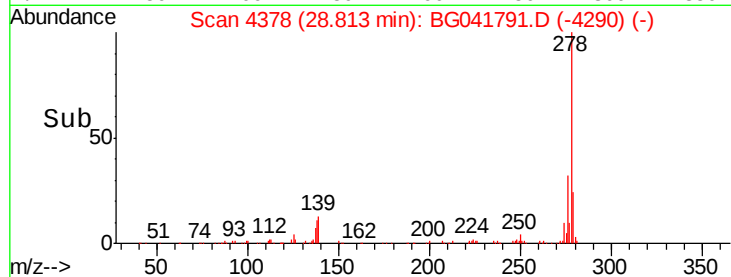
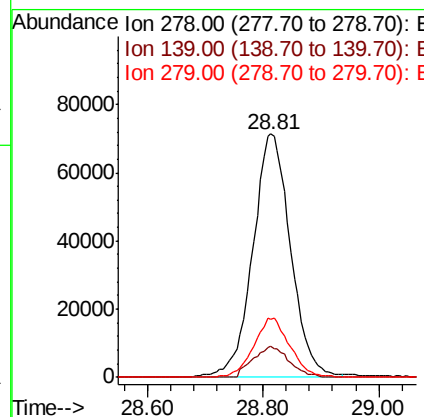
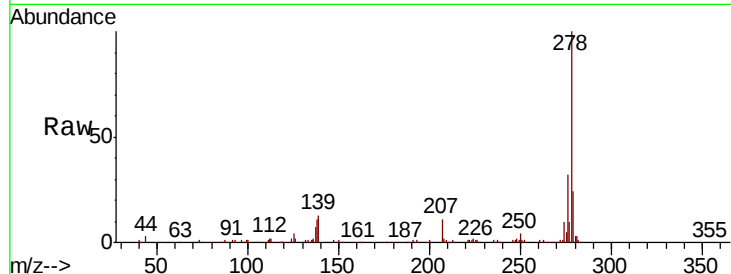
#91
Dibenzo(a,h)anthracene
Concen: 8.103 ng
RT: 28.81 min Scan# 4378
Delta R.T. -0.02 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

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

Tot Ion:	278	Resp:	325686
Ion Ratio	Lower	Upper	
278	100		
139	12.8	12.6	19.0
279	23.9	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:31 PM



#92
Benzo(g,h,i)perylene
Concen: 8.051 ng
RT: 29.90 min Scan# 4563
Delta R.T. -0.02 min
Lab File: BG041791.D
Acq: 29 Jul 2019 16:24

Tgt Ion:	276	Resp:	323297
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.8	29.8
138	16.5	16.6	25.0#

