

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048041.D
 Acq On : 27 Jan 2021 23:39
 Operator : CG/JU
 Sample : M1212-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0020-FIELD-BLANK

Quant Time: Jan 28 03:57:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

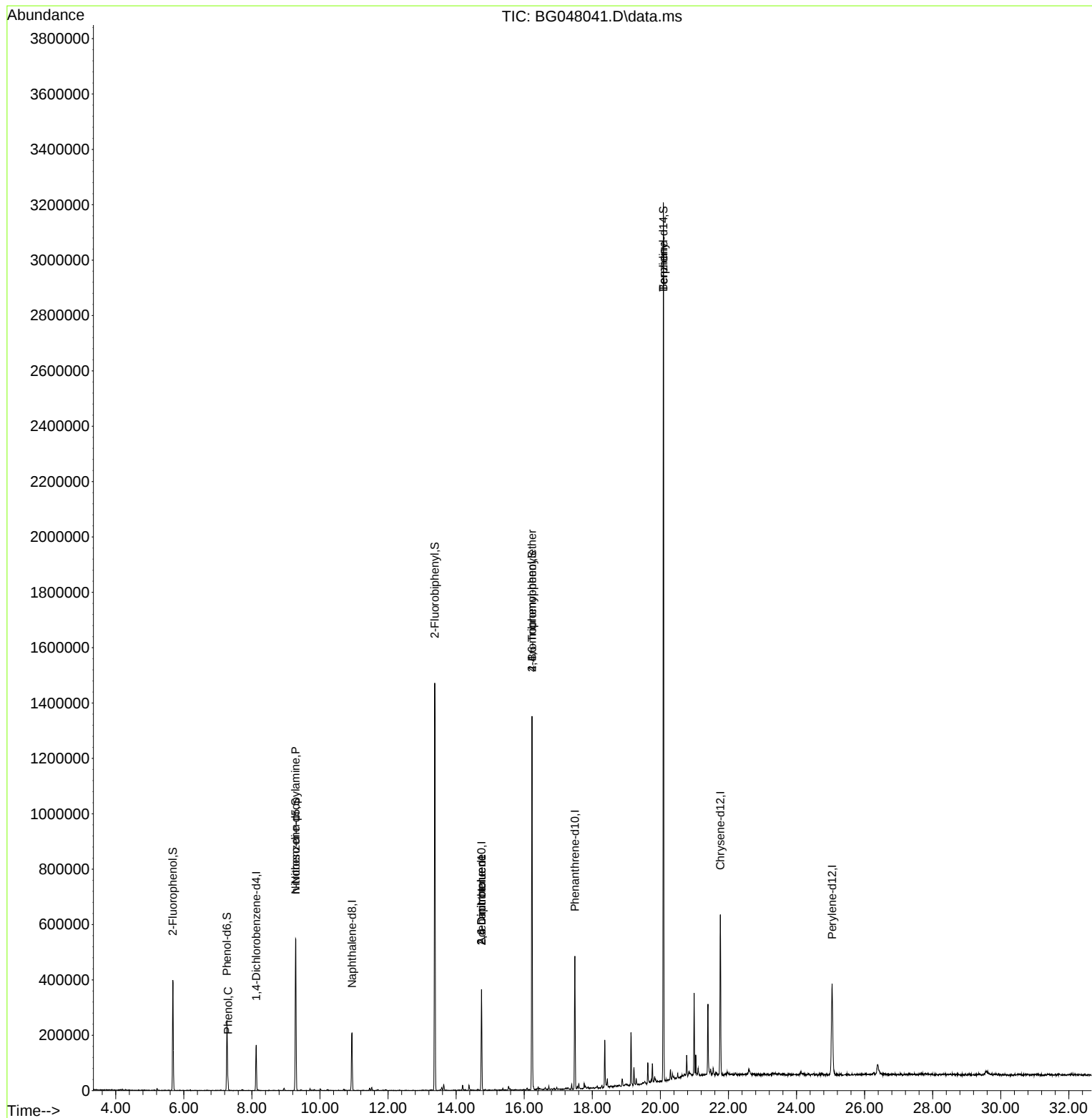
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	45344	20.00	ng	0.00
21) Naphthalene-d8	10.940	136	172040	20.00	ng	0.00
39) Acenaphthene-d10	14.747	164	125099	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	309684	20.00	ng	# 0.00
76) Chrysene-d12	21.762	240	350765	20.00	ng	#-0.01
86) Perylene-d12	25.047	264	357844	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	161504	54.74	ng	-0.01
7) Phenol-d6	7.268	99	131699	29.36	ng	-0.01
23) Nitrobenzene-d5	9.283	82	343445	78.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.228	330	248931	119.47	ng	-0.01
45) 2-Fluorobiphenyl	13.372	172	761496	78.70	ng	-0.01
79) Terphenyl-d14	20.088	244	1391631	68.79	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.297	94	17888	4.16	ng	# 73
19) n-Nitroso-di-n-propyla...	9.283	70	49206	15.03	ng	# 77
51) 2,6-Dinitrotoluene	14.747	165	15489	6.58	ng	# 35
57) 2,4-Dinitrotoluene	14.747	165	15489	4.56	ng	# 33
67) 4-Bromophenyl-phenylether	16.228	248	17491	4.23	ng	# 1
77) Benzidine	20.088	184	25303	2.50	ng	# 94

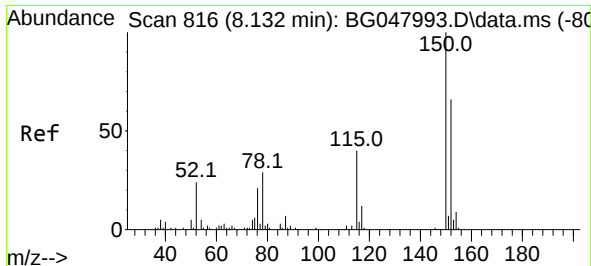
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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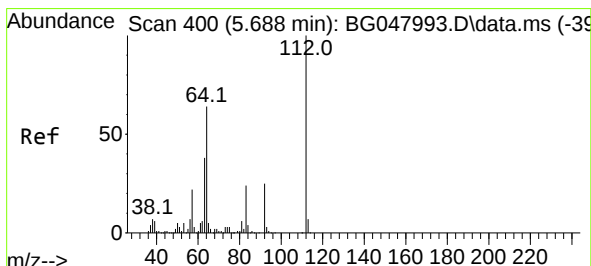
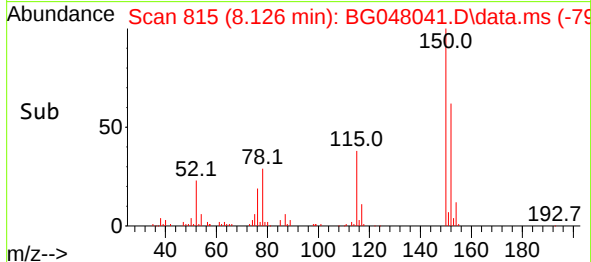
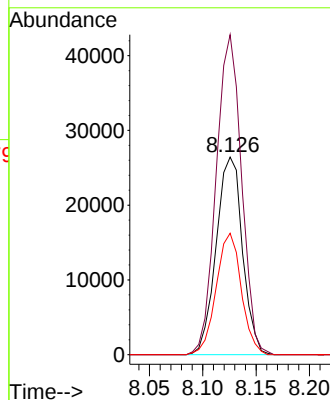
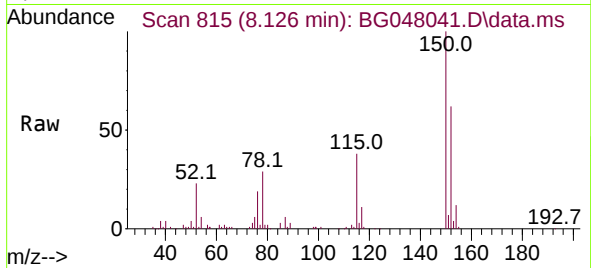




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.126 min Scan# 815
Delta R.T. -0.006 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

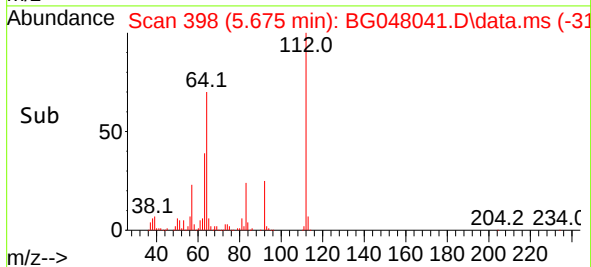
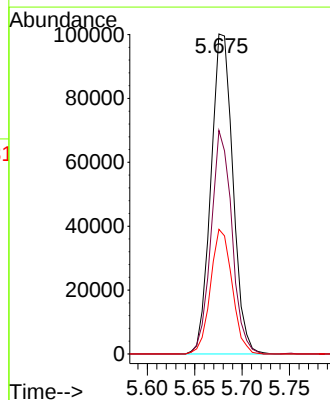
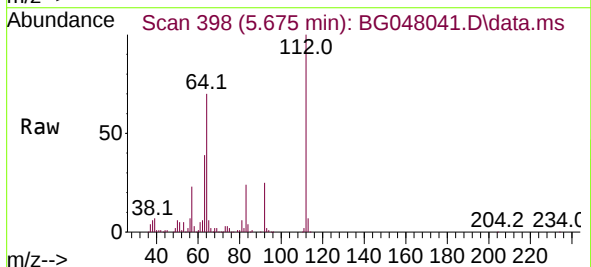
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ClientSampleId :
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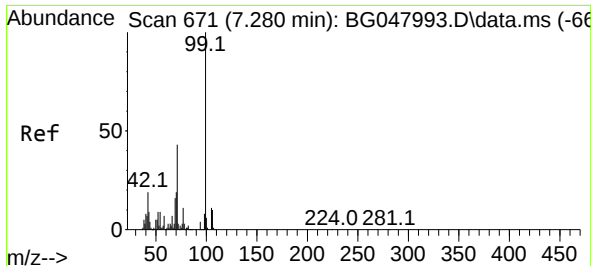
Tgt Ion:152 Resp: 45344
Ion Ratio Lower Upper
152 100
150 161.9 125.0 187.6
115 61.4 41.8 62.6



#5
2-Fluorophenol
Concen: 54.74 ng
RT: 5.675 min Scan# 398
Delta R.T. -0.013 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

Tgt Ion:112 Resp: 161504
Ion Ratio Lower Upper
112 100
64 69.9 46.7 70.1
63 39.0 22.8 34.2#

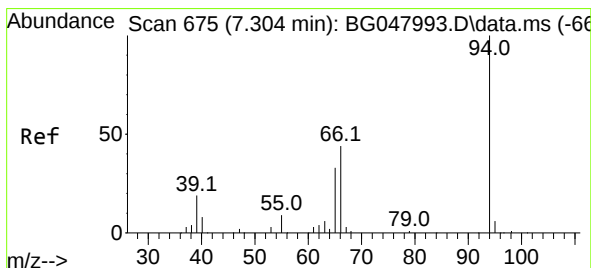
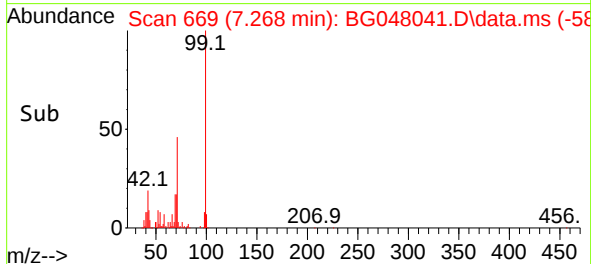
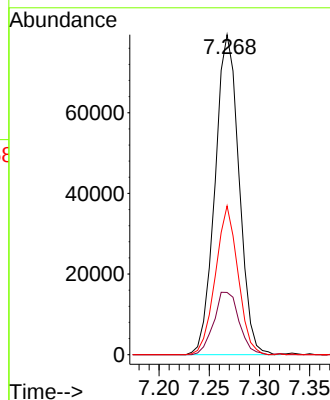
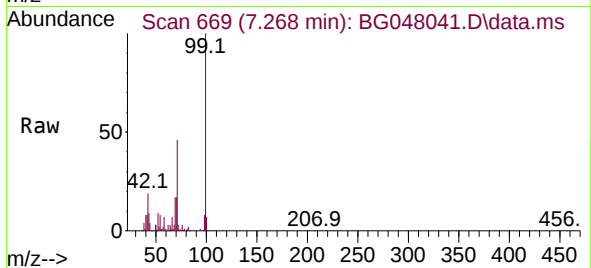




#7
Phenol-d6
Concen: 29.36 ng
RT: 7.268 min Scan# 669
Delta R.T. -0.013 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

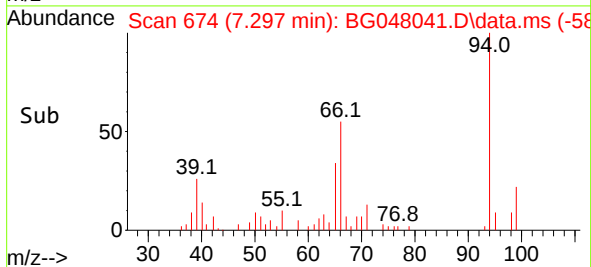
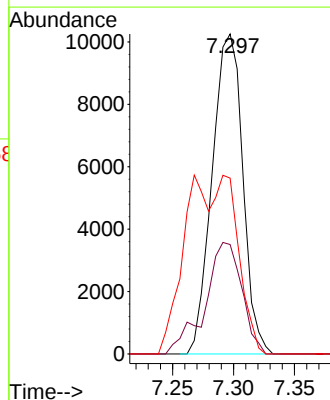
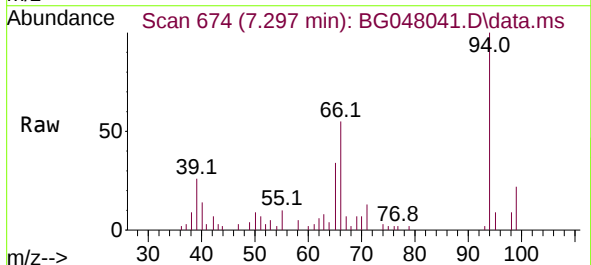
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ClientSampleId :
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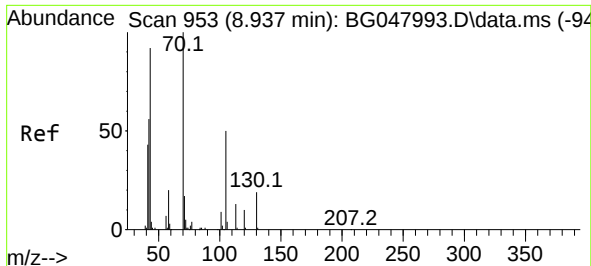
Tgt Ion: 99 Resp: 131699
Ion Ratio Lower Upper
99 100
42 19.4 12.8 19.2#
71 46.5 24.6 36.8#



#10
Phenol
Concen: 4.16 ng
RT: 7.297 min Scan# 674
Delta R.T. -0.007 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

Tgt Ion: 94 Resp: 17888
Ion Ratio Lower Upper
94 100
65 34.2 6.6 46.6
66 55.0 13.9 53.9#

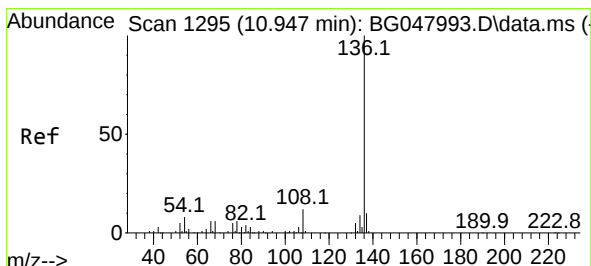
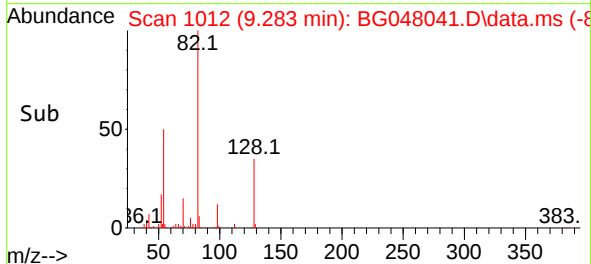
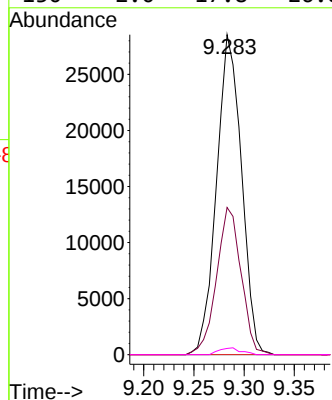
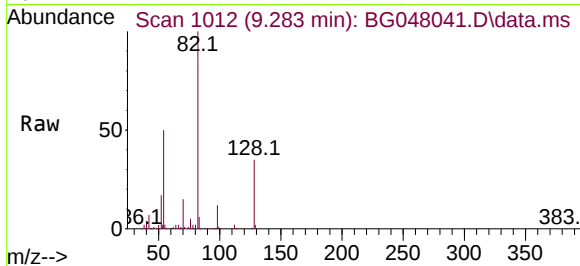




#19
n-Nitroso-di-n-propylamine
Concen: 15.03 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.346 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

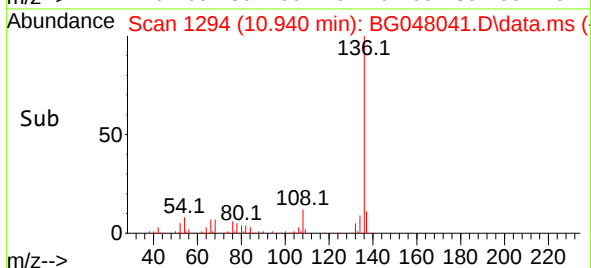
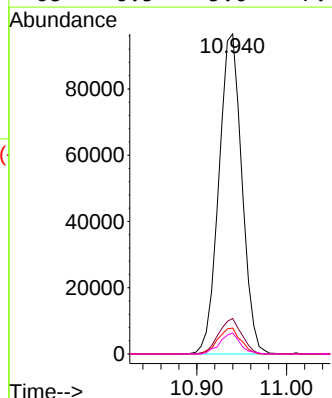
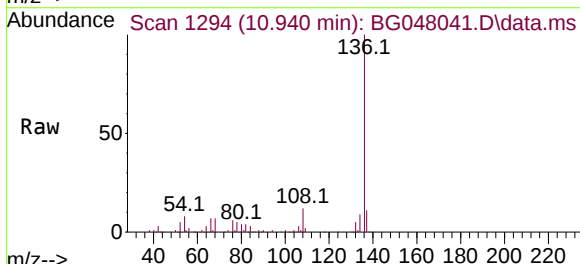
Instrument :
BNA_G
ClientSampleId :
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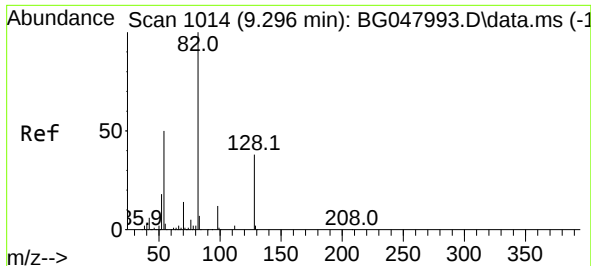
Tgt Ion:	70	Resp:	49206
Ion	Ratio	Lower	Upper
70	100		
42	46.0	45.6	68.4
101	0.0	8.4	12.6#
130	2.0	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.940 min Scan# 1294
Delta R.T. -0.007 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

Tgt Ion:	136	Resp:	172040
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.1	6.2	9.4
68	6.5	5.0	7.4

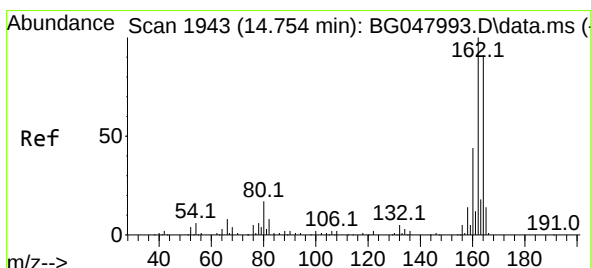
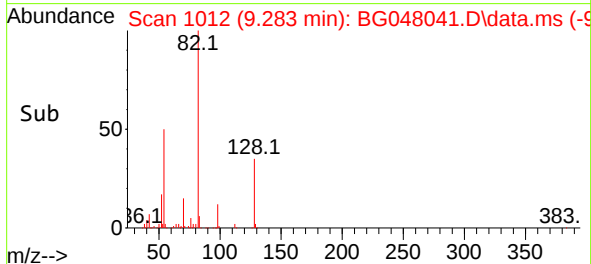
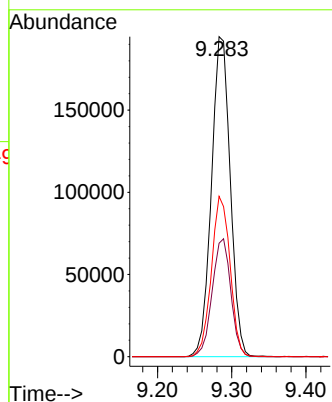
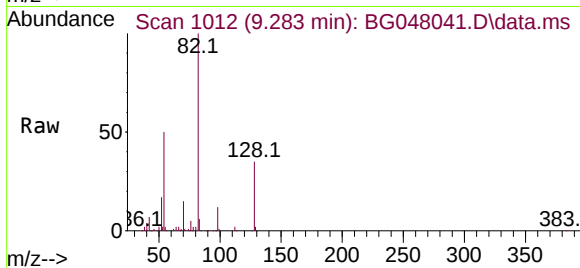




#23
Nitrobenzene-d5
Concen: 78.99 ng
RT: 9.283 min Scan# 1012
Delta R.T. -0.013 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

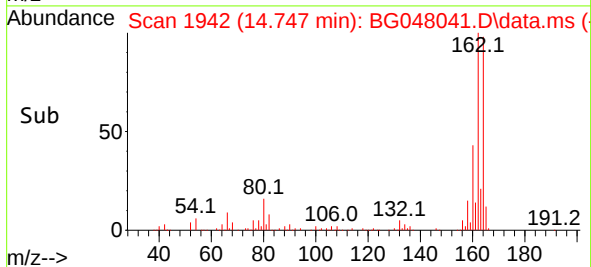
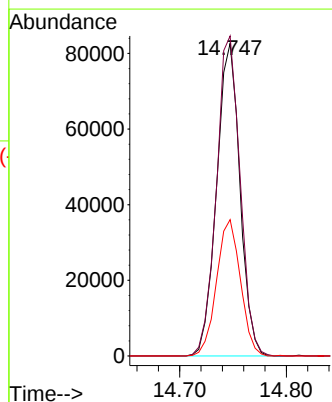
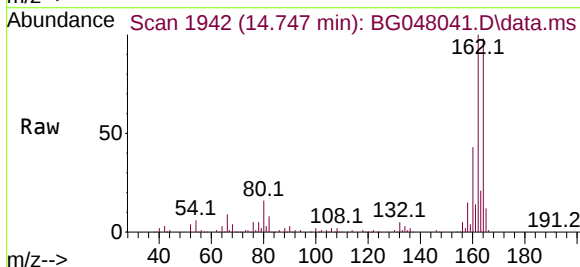
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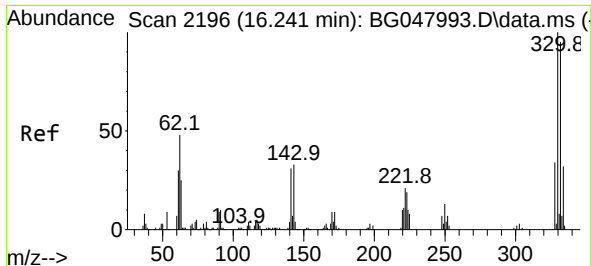
Tgt Ion: 82 Resp: 343445
Ion Ratio Lower Upper
82 100
128 35.5 37.0 55.6#
54 50.1 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.007 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

Tgt Ion:164 Resp: 125099
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 43.6 35.3 52.9

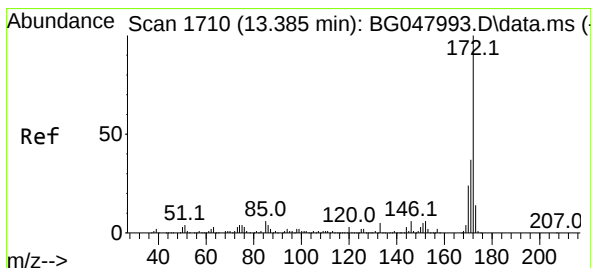
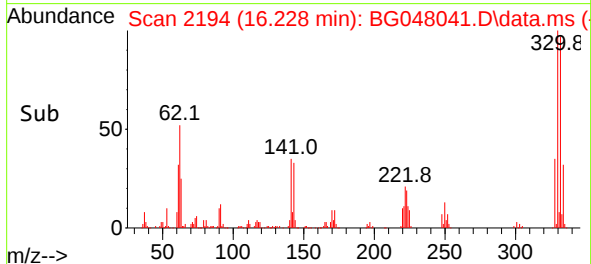
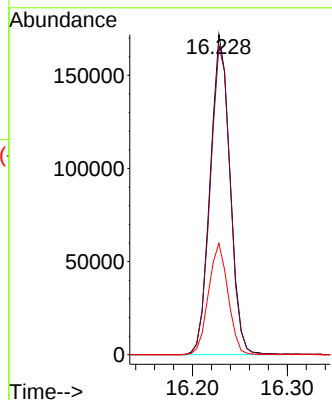
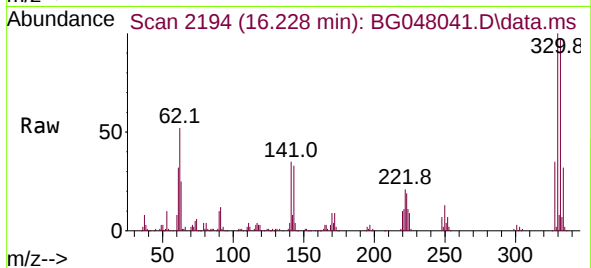




#42
2,4,6-Tribromophenol
Concen: 119.47 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.013 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

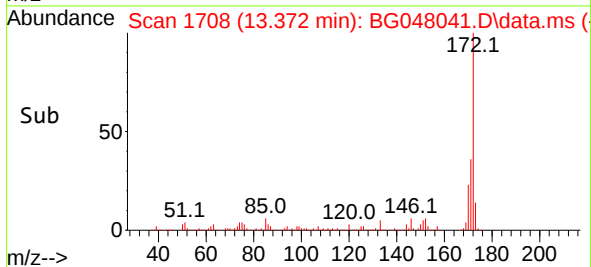
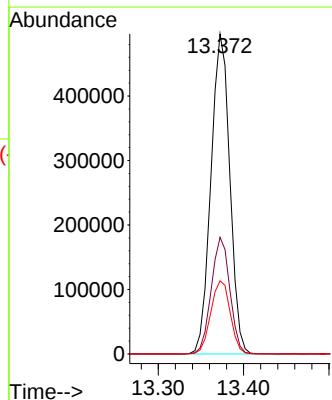
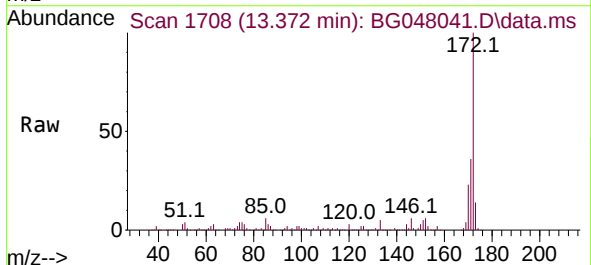
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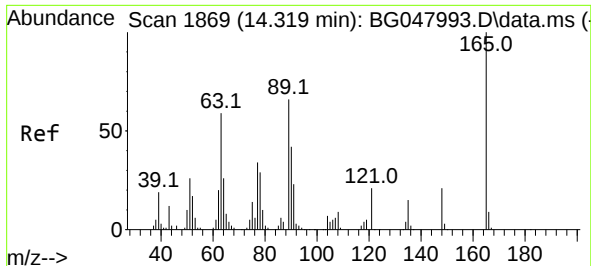
Tgt Ion:330 Resp: 248931
Ion Ratio Lower Upper
330 100
332 98.0 76.5 114.7
141 34.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 78.70 ng
RT: 13.372 min Scan# 1708
Delta R.T. -0.013 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

Tgt Ion:172 Resp: 761496
Ion Ratio Lower Upper
172 100
171 36.4 31.3 46.9
170 22.8 20.8 31.2

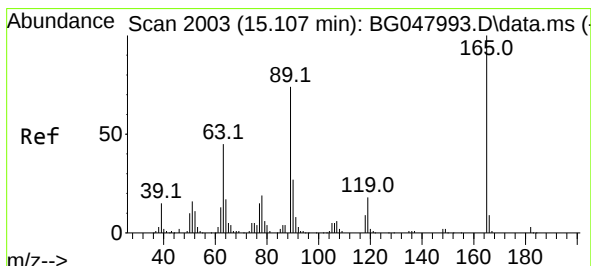
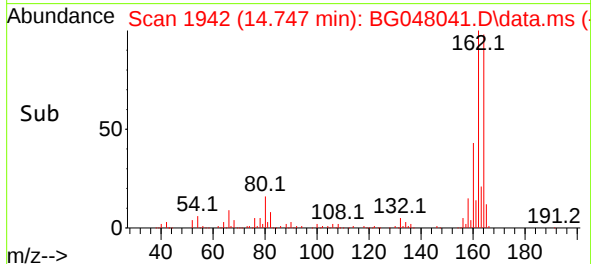
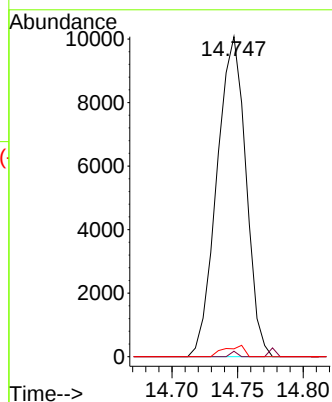
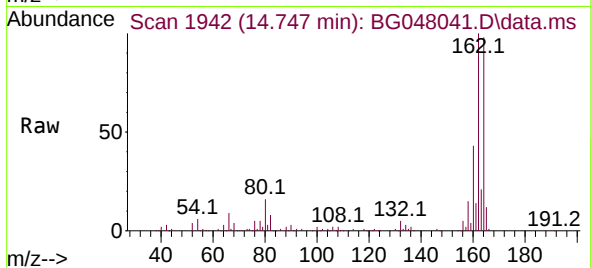




#51
2,6-Dinitrotoluene
Concen: 6.58 ng
RT: 14.747 min Scan# 1942
Delta R.T. 0.428 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

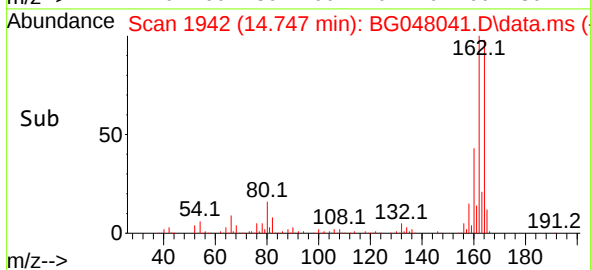
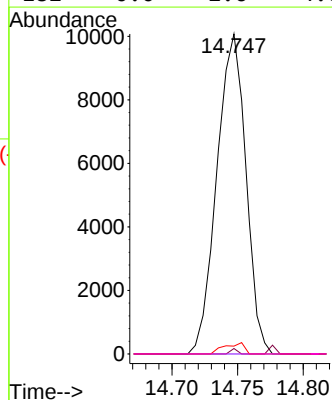
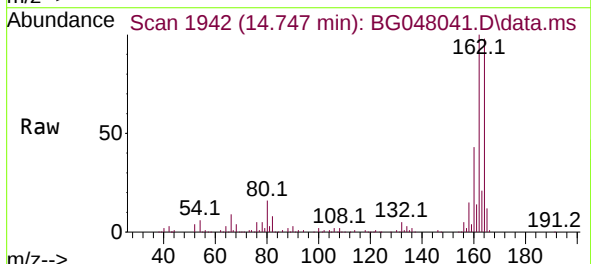
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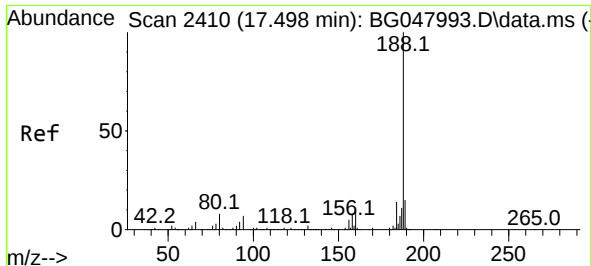
Tgt Ion:165 Resp: 15489
Ion Ratio Lower Upper
165 100
63 1.7 33.7 50.5#
89 2.4 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.56 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.359 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

Tgt Ion:165 Resp: 15489
Ion Ratio Lower Upper
165 100
63 1.7 26.4 39.6#
89 2.4 47.8 71.8#
182 0.0 2.6 4.0#

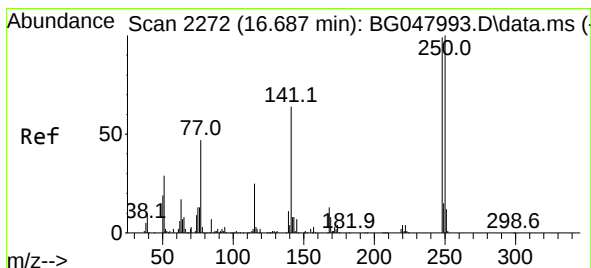
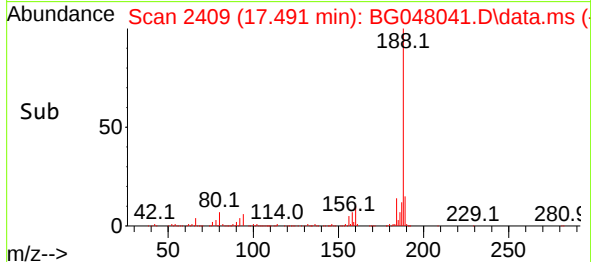
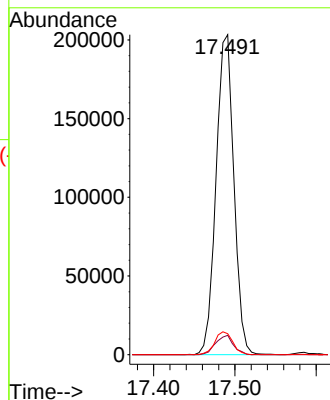
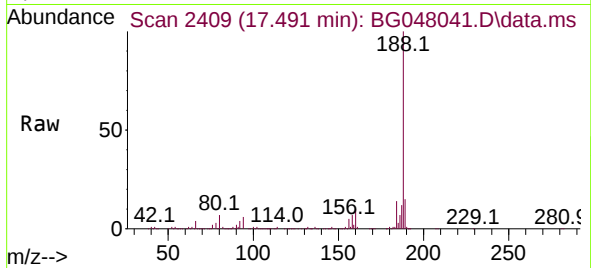




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

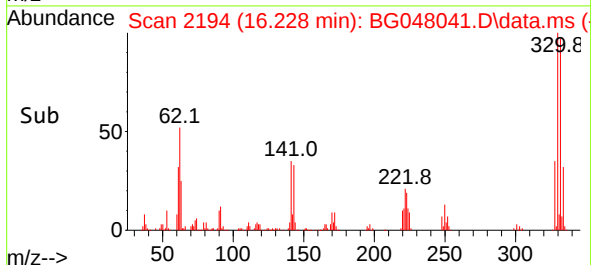
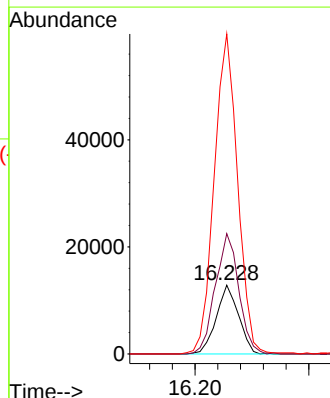
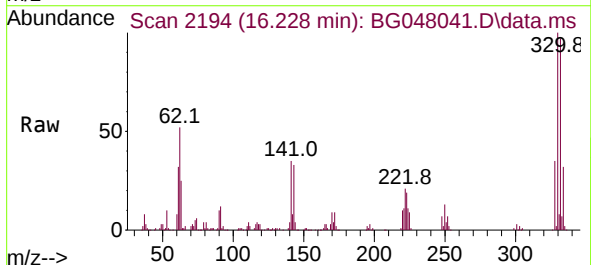
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ClientSampleId :
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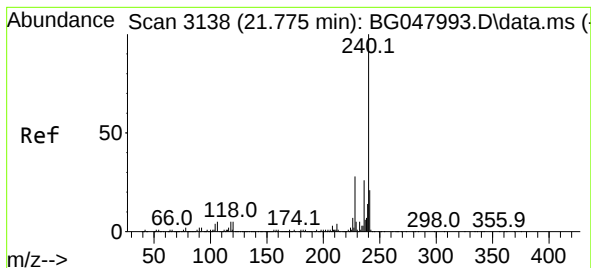
Tgt Ion:188 Resp: 309684
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 6.6 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.459 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

Tgt Ion:248 Resp: 17491
Ion Ratio Lower Upper
248 100
250 174.6 78.9 118.3#
141 464.7 46.2 69.4#

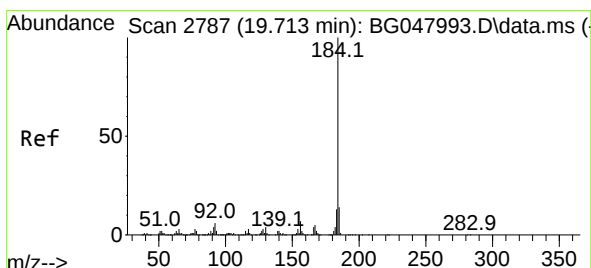
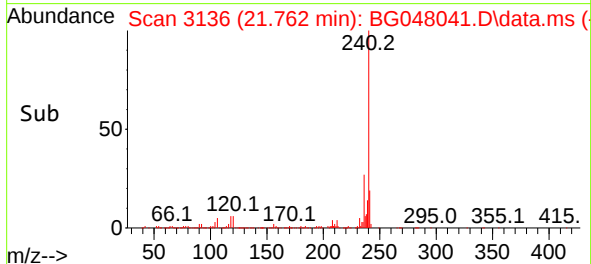
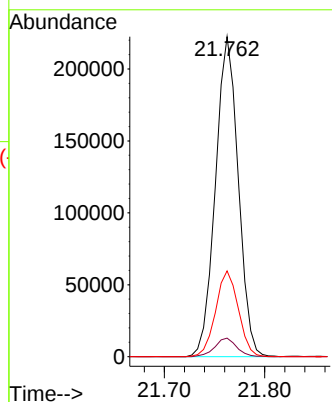
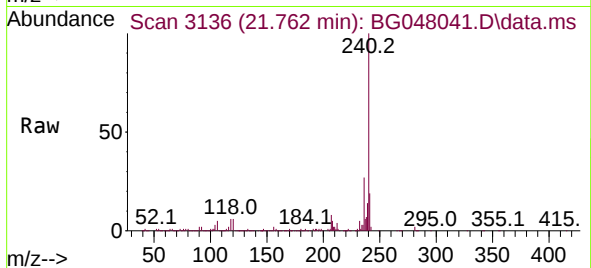




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.762 min Scan# 3136
Delta R.T. -0.013 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

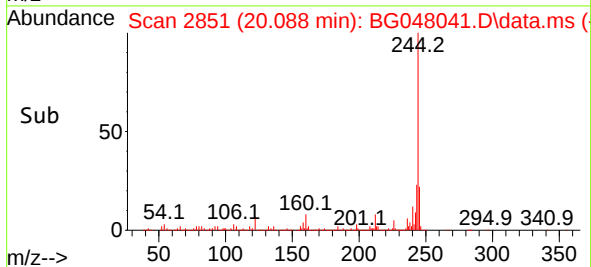
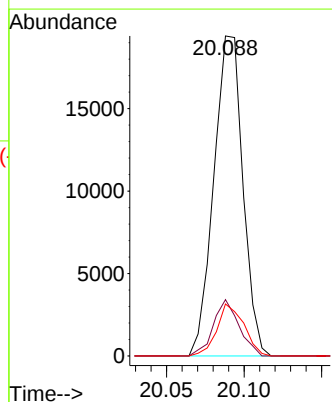
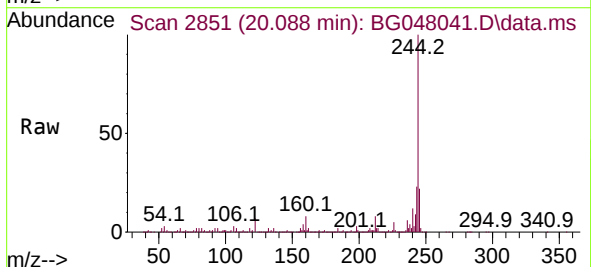
Instrument :
BNA_G
ClientSampleId :
0020-FIELD-BLANK

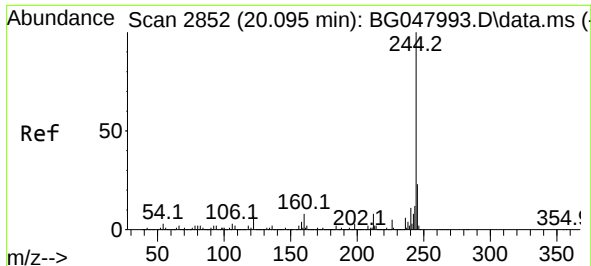
Tgt Ion:240 Resp: 350765
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 26.8 20.5 30.7



#77
Benzidine
Concen: 2.50 ng
RT: 20.088 min Scan# 2851
Delta R.T. 0.375 min
Lab File: BG048041.D
Acq: 27 Jan 2021 23:39

Tgt Ion:184 Resp: 25303
Ion Ratio Lower Upper
184 100
185 17.6 12.4 18.6
183 16.3 10.6 15.8#

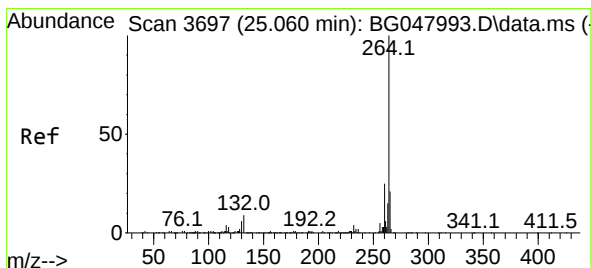
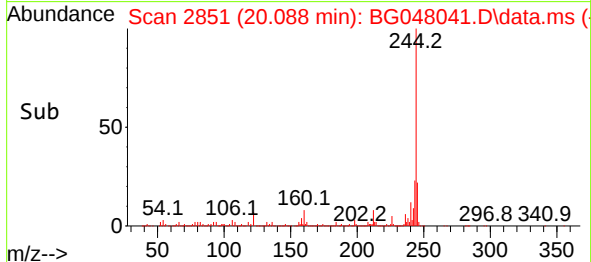
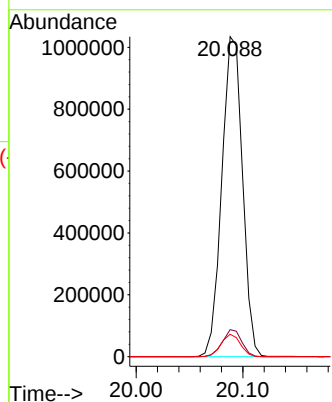
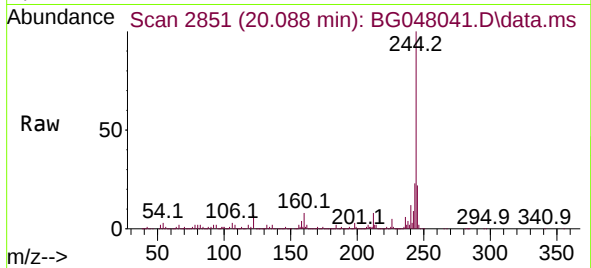




#79
 Terphenyl-d14
 Concen: 68.79 ng
 RT: 20.088 min Scan# 2851
 Delta R.T. -0.007 min
 Lab File: BG048041.D
 Acq: 27 Jan 2021 23:39

Instrument :
 BNA_G
 ClientSampleId :
 0020-FIELD-BLANK

Tgt Ion:244 Resp: 1391631
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.7 10.1
 122 7.0 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.047 min Scan# 3695
 Delta R.T. -0.013 min
 Lab File: BG048041.D
 Acq: 27 Jan 2021 23:39

Tgt Ion:264 Resp: 357844
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.9 17.8 26.8

