

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
 Data File : BG048510.D
 Acq On : 25 Mar 2021 20:27
 Operator : CG/JU
 Sample : M1770-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106D

Quant Time: Mar 26 00:47:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 02:47:17 2021
 Response via : Initial Calibration

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

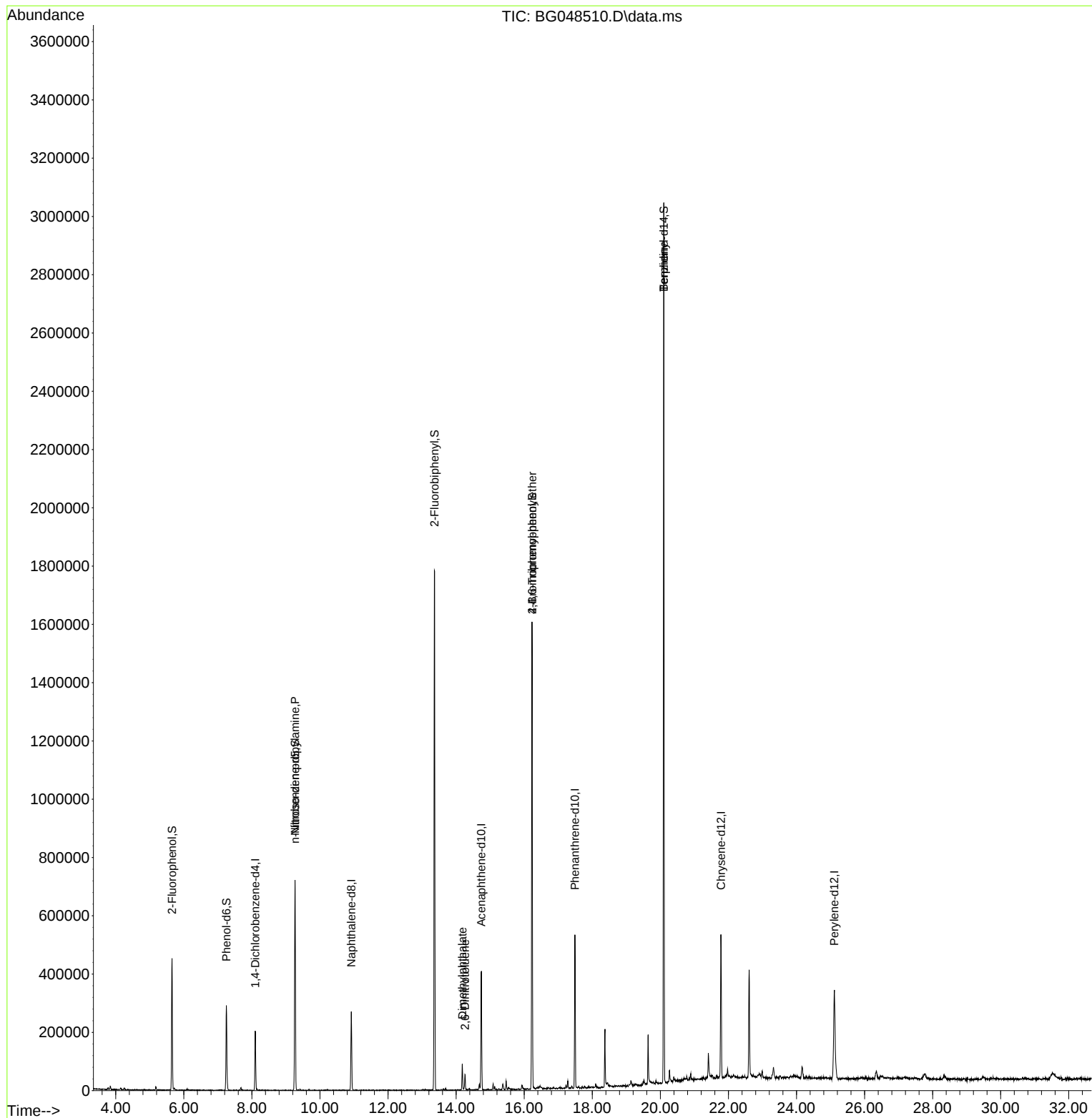
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	53723	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	212817	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	145017	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	314577	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	308571	20.00	ng	#-0.01
86) Perylene-d12	25.112	264	329719	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	182081	56.05	ng	0.00
7) Phenol-d6	7.251	99	148795	31.48	ng	0.00
23) Nitrobenzene-d5	9.266	82	443137	83.26	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	302822	128.40	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	902034	89.48	ng	0.00
79) Terphenyl-d14	20.100	244	1340957	78.37	ng	0.00
Target Compounds						
9) Benzaldehyde	7.257	77	527	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.272	70	65192	18.58	ng	# 75
50) Dimethylphthalate	14.184	163	52131	4.42	ng	# 96
51) 2,6-Dinitrotoluene	14.260	165	7755	3.05	ng	# 32
67) 4-Bromophenyl-phenylether	16.234	248	17925	4.52	ng	# 1
77) Benzidine	20.100	184	26091	2.82	ng	# 94

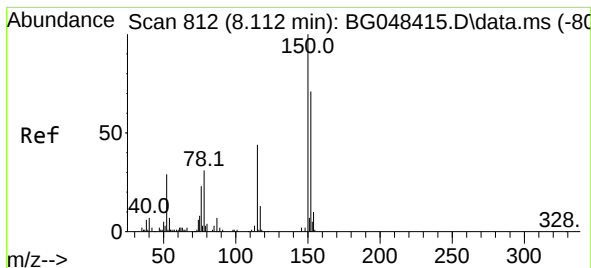
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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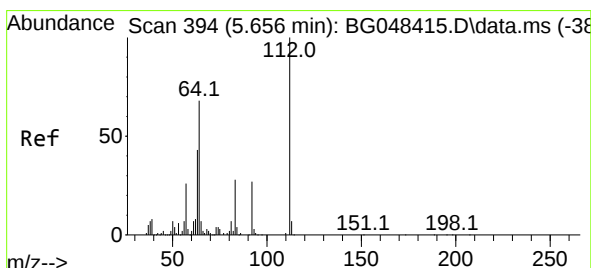
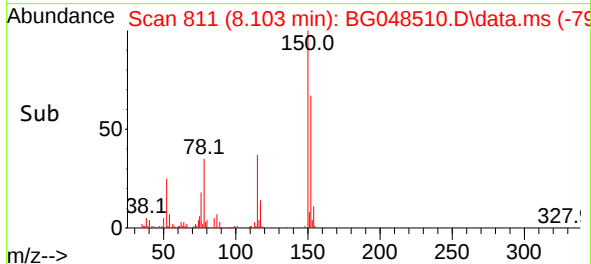
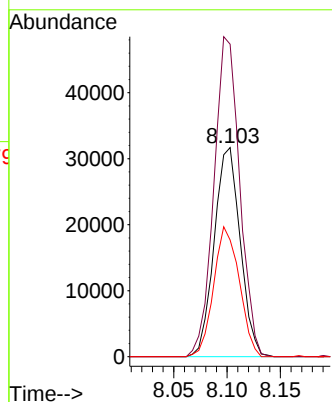
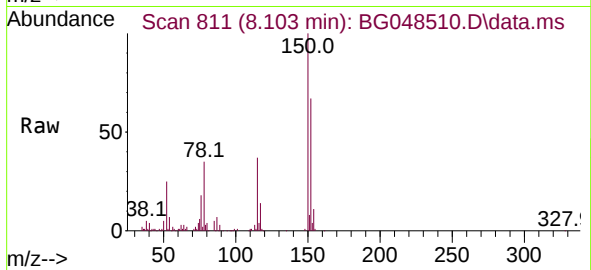




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

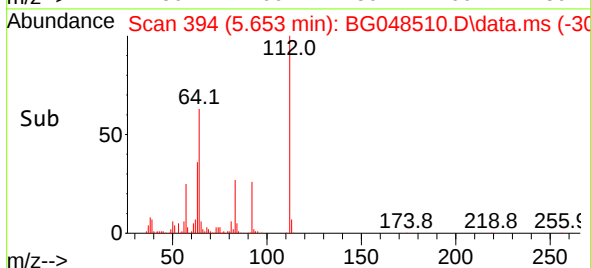
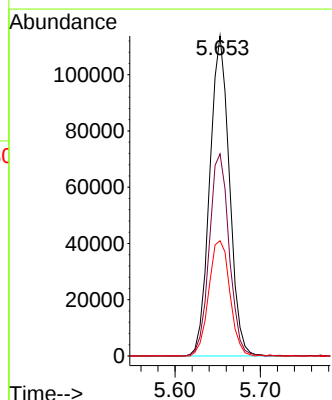
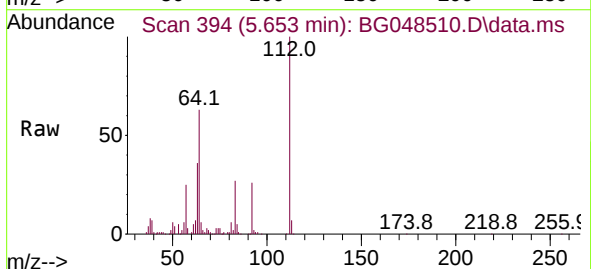
Instrument :
BNA_G
ClientSampleId :
MW-106D

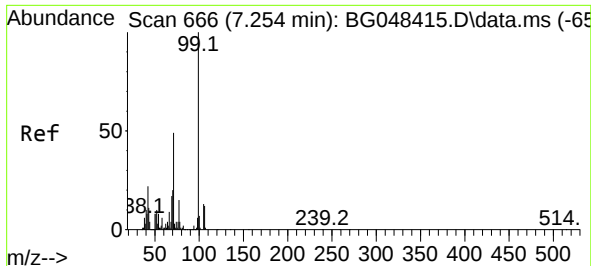
Tgt Ion:152 Resp: 53723
Ion Ratio Lower Upper
152 100
150 149.4 125.0 187.6
115 55.8 41.8 62.6



#5
2-Fluorophenol
Concen: 56.05 ng
RT: 5.653 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

Tgt Ion:112 Resp: 182081
Ion Ratio Lower Upper
112 100
64 63.1 46.7 70.1
63 36.0 22.8 34.2#

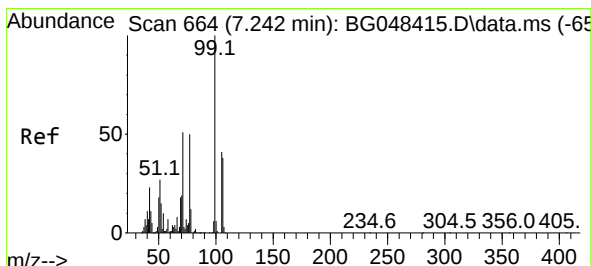
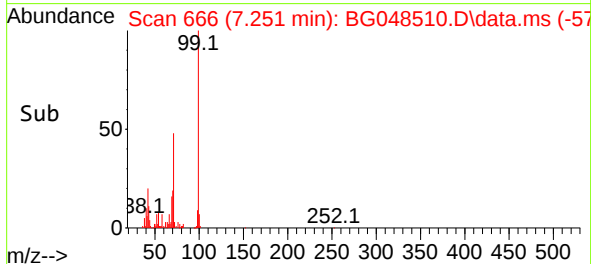
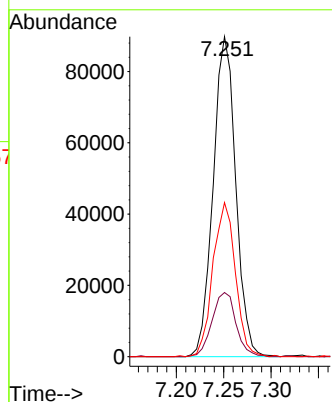
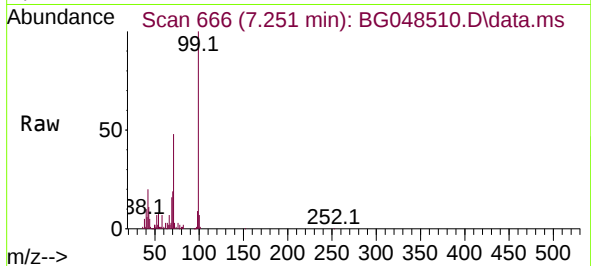




#7
Phenol-d6
Concen: 31.48 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.000 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

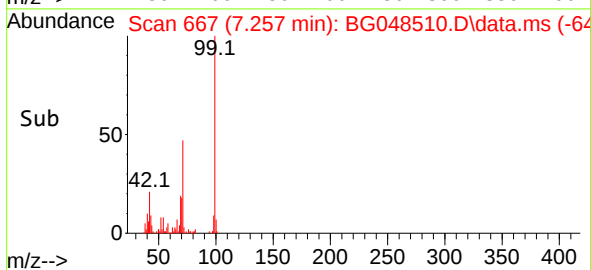
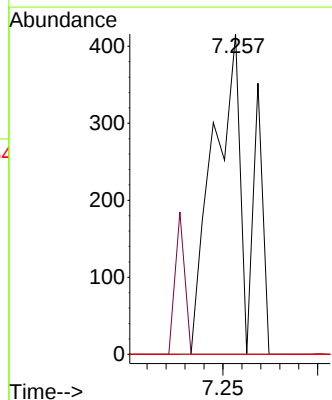
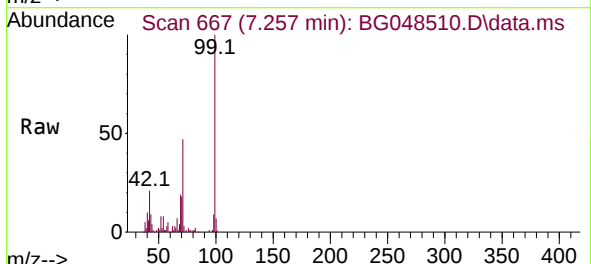
Instrument :
BNA_G
ClientSampleId :
MW-106D

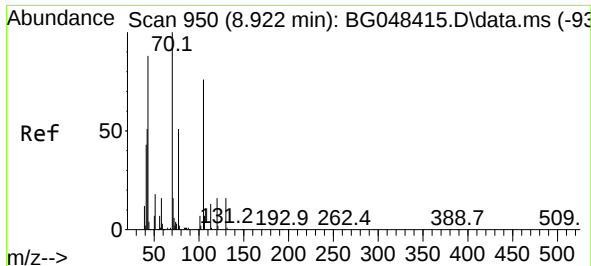
Tgt Ion: 99 Resp: 148795
Ion Ratio Lower Upper
99 100
42 20.1 12.8 19.2#
71 48.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.018 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

Tgt Ion: 77 Resp: 527
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

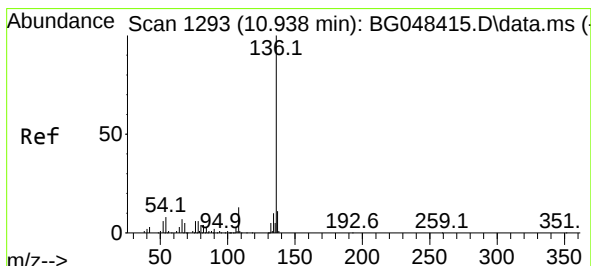
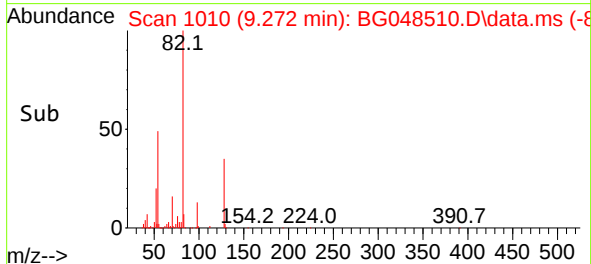
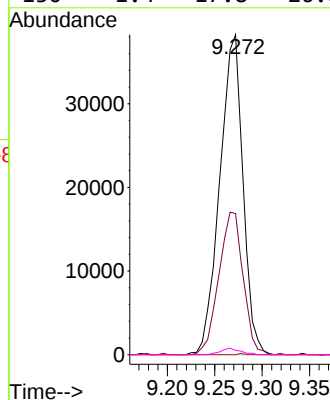
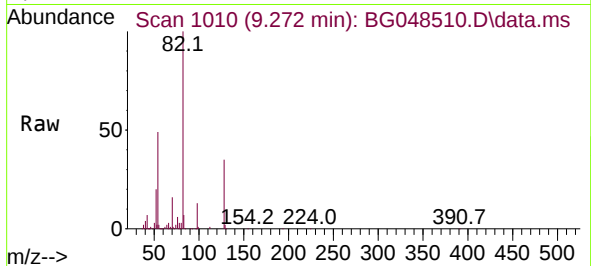




#19
n-Nitroso-di-n-propylamine
Concen: 18.58 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.358 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

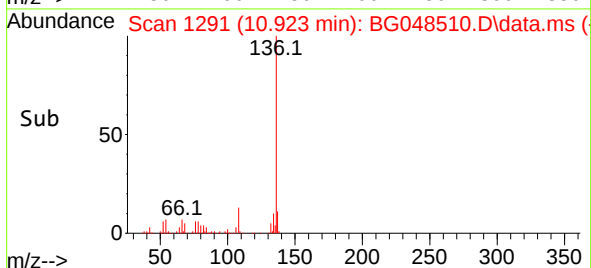
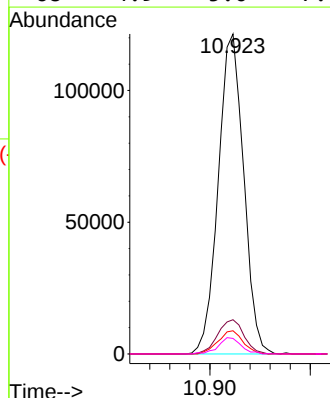
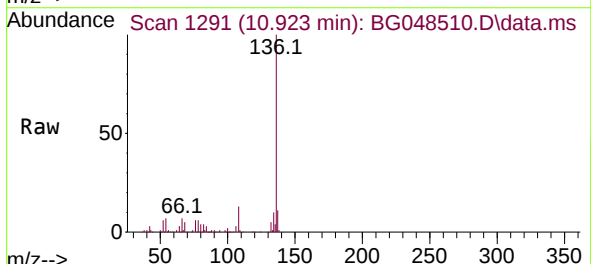
Instrument :
BNA_G
ClientSampleId :
MW-106D

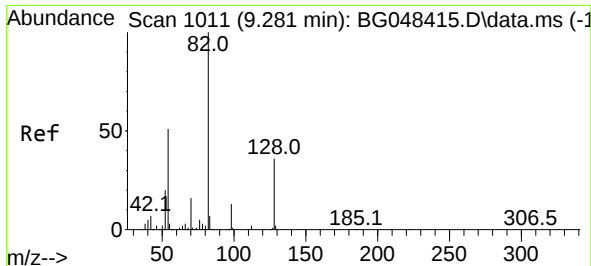
Tgt Ion: 70	Resp: 65192
Ion Ratio	Lower Upper
70 100	
42 44.1	45.6 68.4#
101 0.0	8.4 12.6#
130 1.4	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

Tgt Ion: 136	Resp: 212817
Ion Ratio	Lower Upper
136 100	
137 10.7	9.1 13.7
54 7.2	6.2 9.4
68 4.9	5.0 7.4#

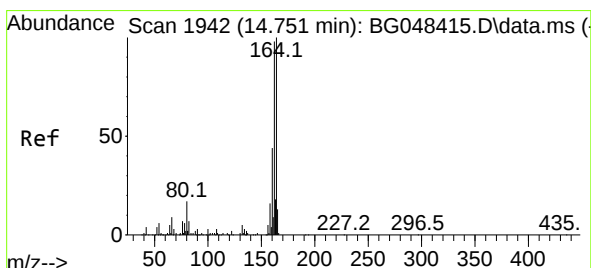
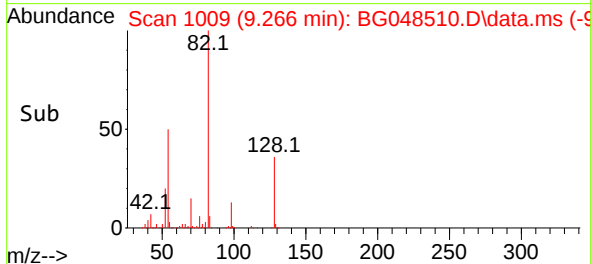
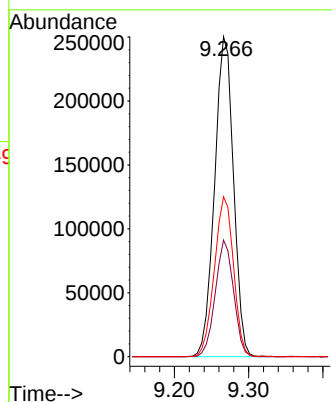
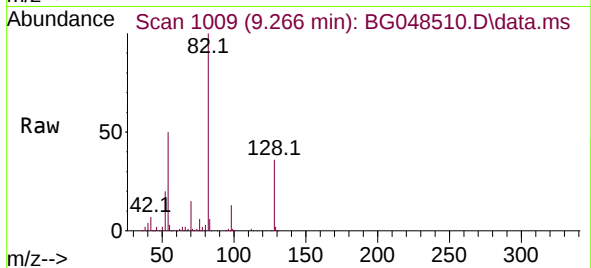




#23
Nitrobenzene-d5
Concen: 83.26 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

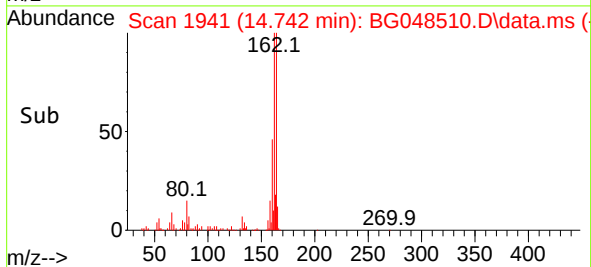
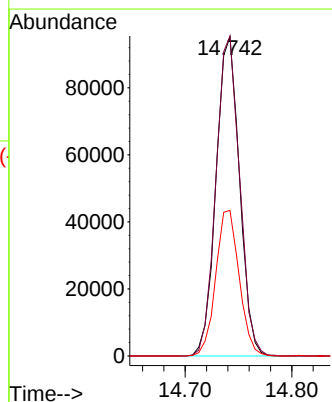
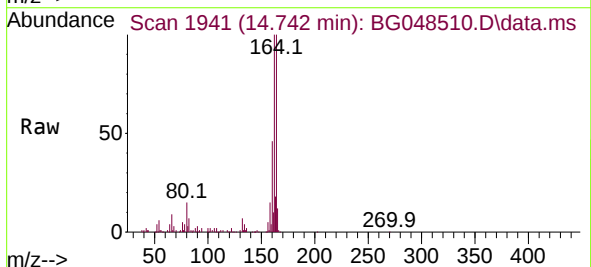
Instrument :
BNA_G
ClientSampleId :
MW-106D

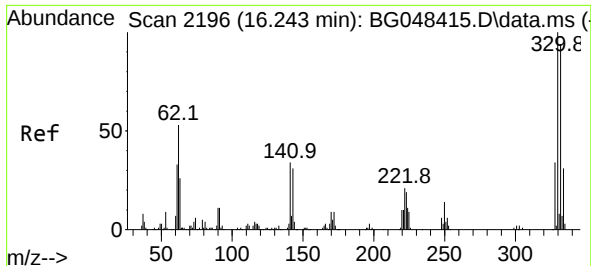
Tgt Ion: 82 Resp: 443137
Ion Ratio Lower Upper
82 100
128 36.5 37.0 55.6#
54 50.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

Tgt Ion: 164 Resp: 145017
Ion Ratio Lower Upper
164 100
162 100.3 82.3 123.5
160 45.7 35.3 52.9

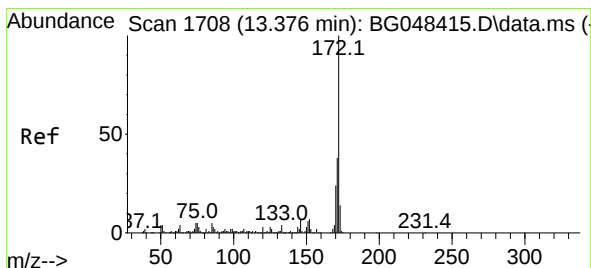
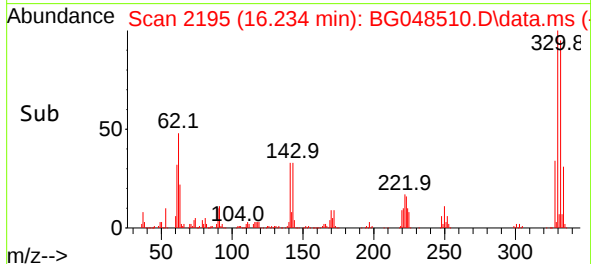
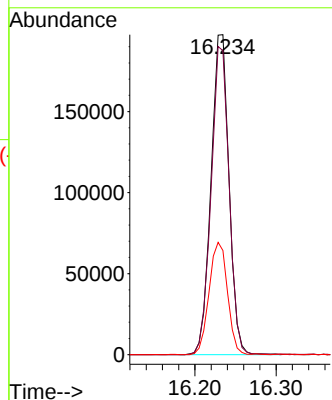
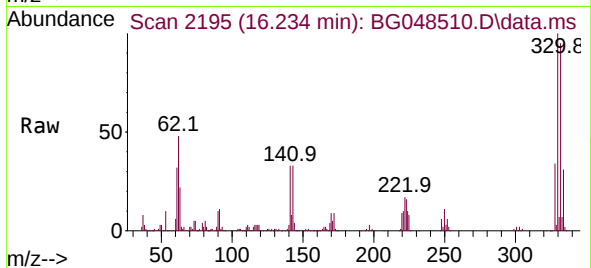




#42
2,4,6-Tribromophenol
Concen: 128.40 ng
RT: 16.234 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

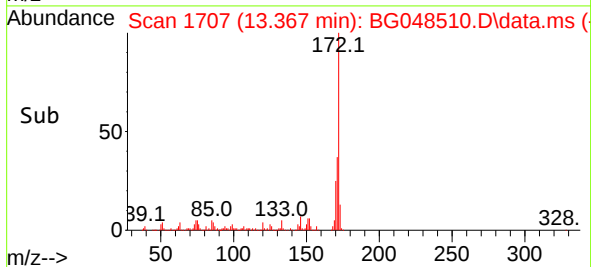
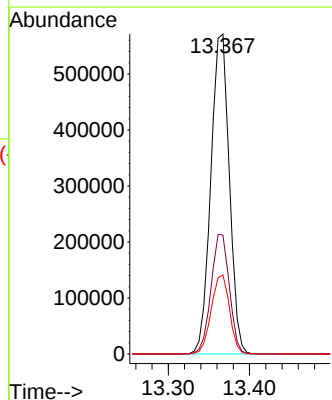
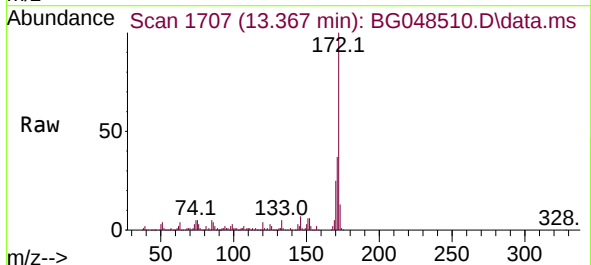
Instrument :
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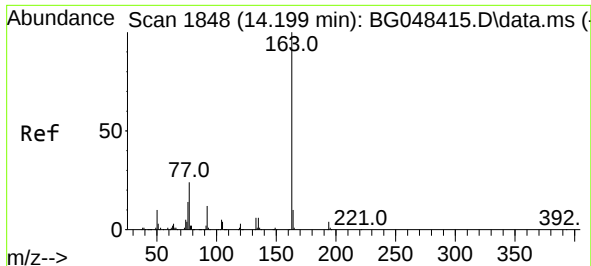
Tgt Ion:330 Resp: 302822
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 35.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 89.48 ng
RT: 13.367 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

Tgt Ion:172 Resp: 902034
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 24.7 20.8 31.2

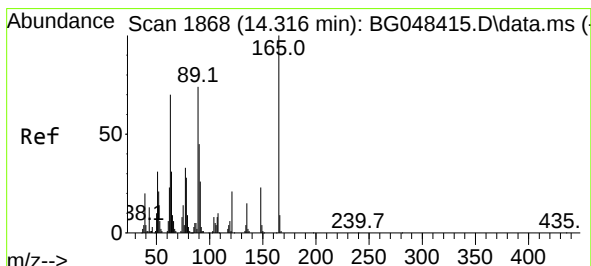
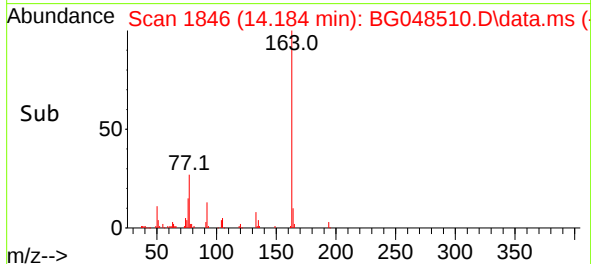
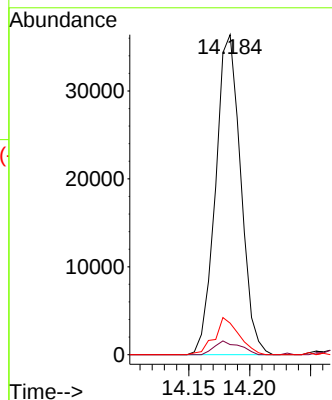
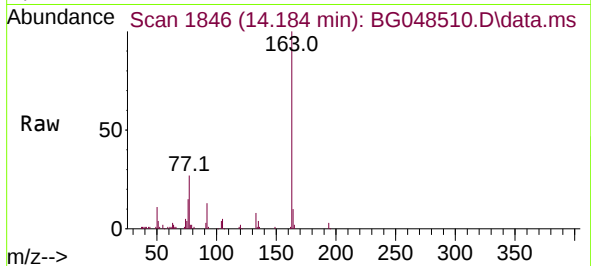




#50
Dimethylphthalate
Concen: 4.42 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

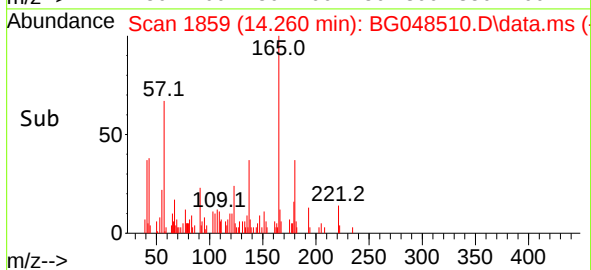
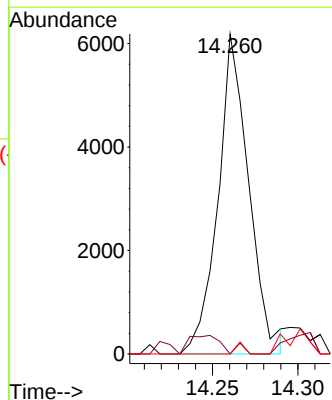
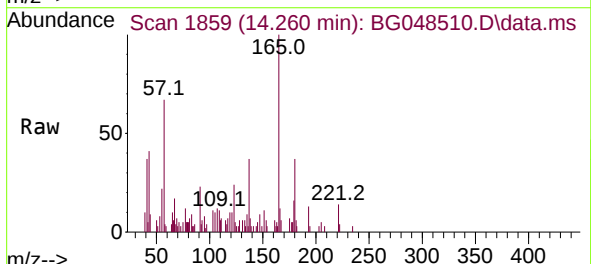
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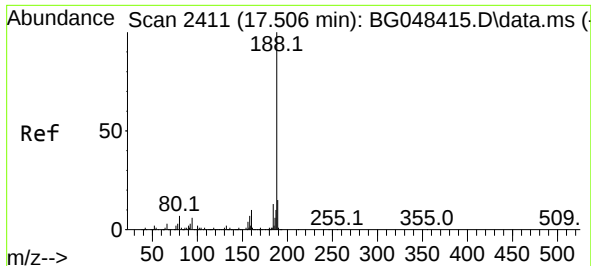
Tgt Ion:163 Resp: 52131
Ion Ratio Lower Upper
163 100
194 3.2 3.8 5.8#
164 9.8 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 3.05 ng
RT: 14.260 min Scan# 1859
Delta R.T. -0.053 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

Tgt Ion:165 Resp: 7755
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#

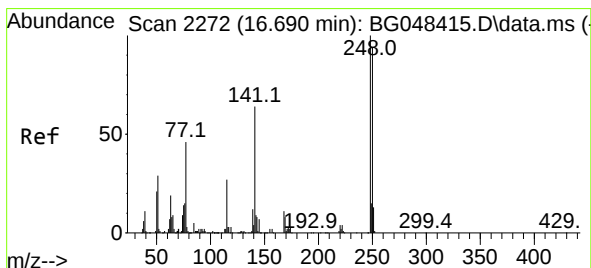
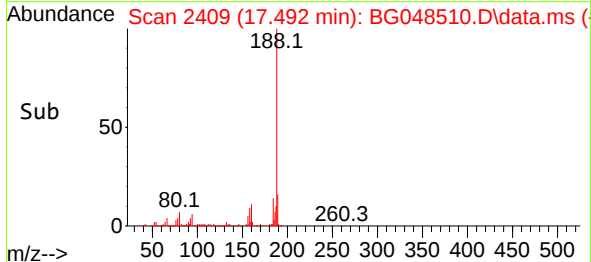
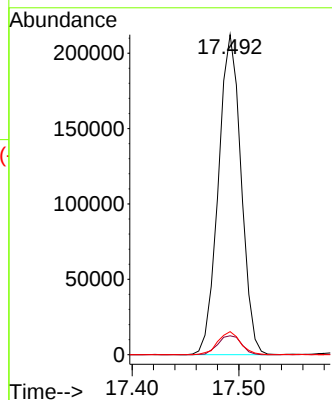
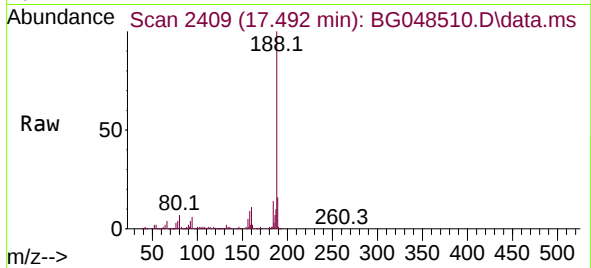




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

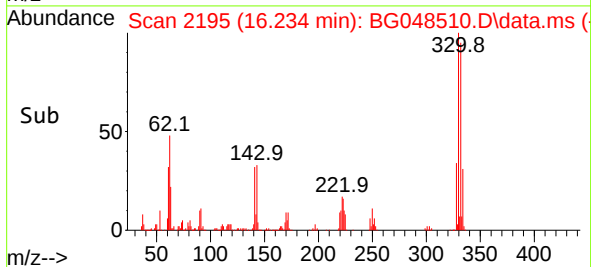
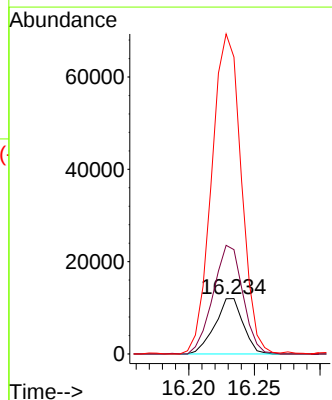
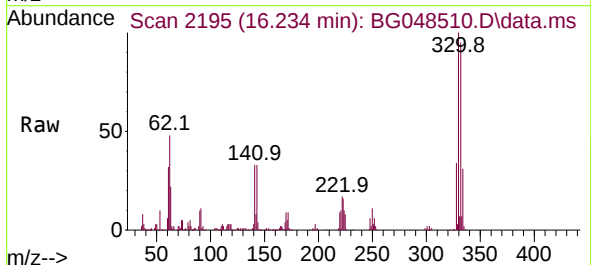
Instrument :
BNA_G
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MW-106D

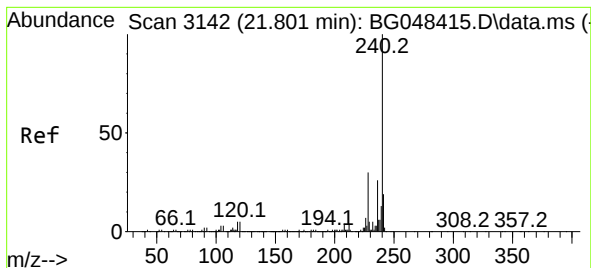
Tgt Ion:188 Resp: 314577
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.2 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.447 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

Tgt Ion:248 Resp: 17925
Ion Ratio Lower Upper
248 100
250 188.3 78.9 118.3#
141 535.8 46.2 69.4#

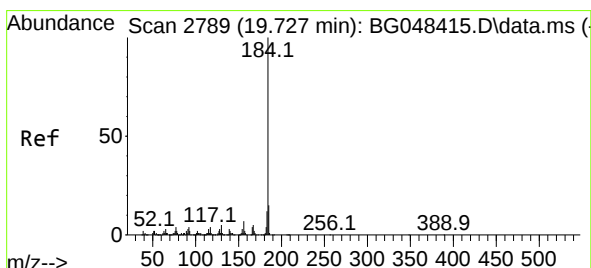
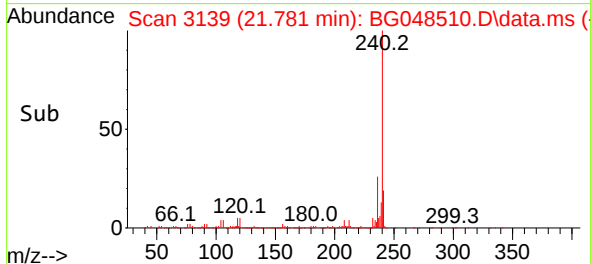
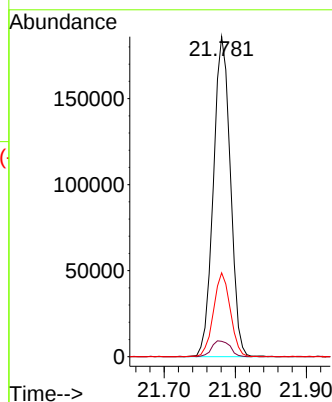
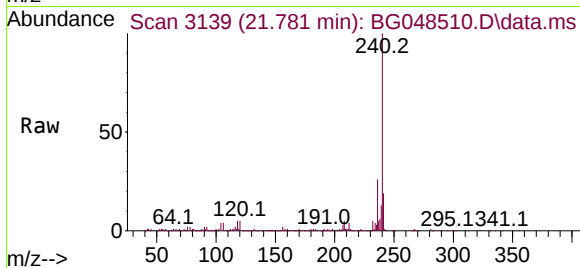




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

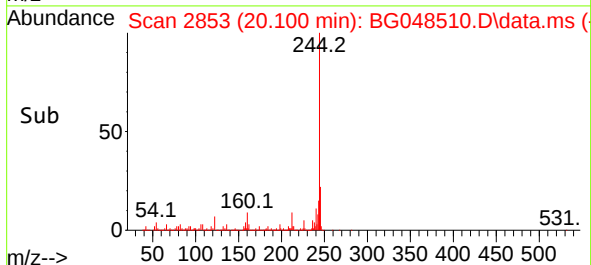
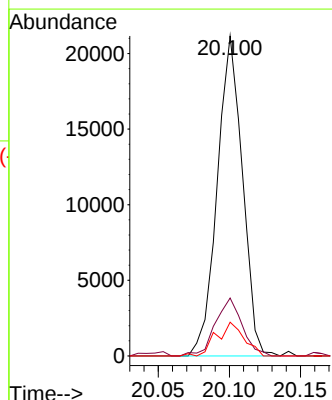
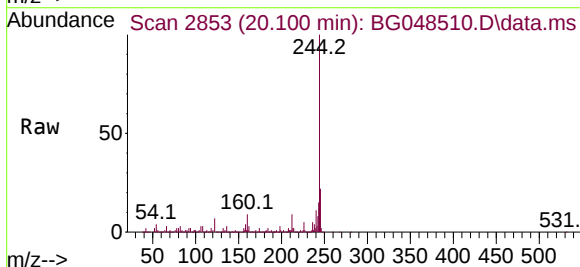
Instrument :
BNA_G
ClientSampleId :
MW-106D

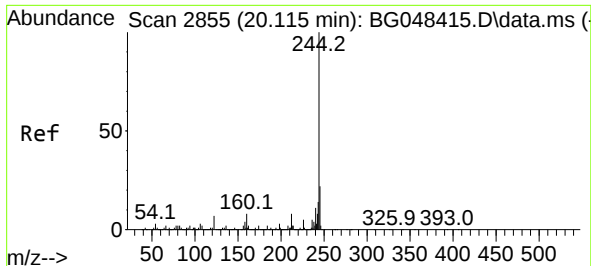
Tgt Ion:240 Resp: 308571
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 26.2 20.5 30.7



#77
Benzidine
Concen: 2.82 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.376 min
Lab File: BG048510.D
Acq: 25 Mar 2021 20:27

Tgt Ion:184 Resp: 26091
Ion Ratio Lower Upper
184 100
185 18.1 12.4 18.6
183 10.5 10.6 15.8#

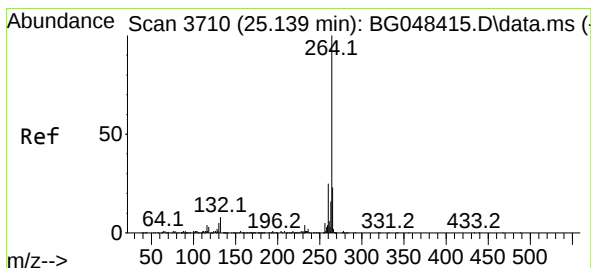
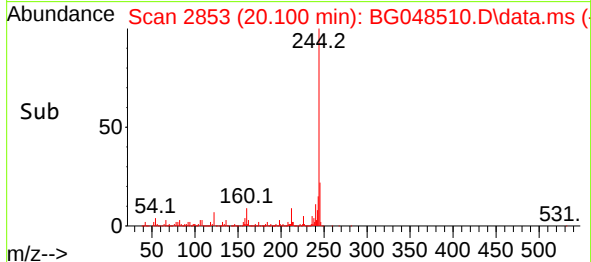
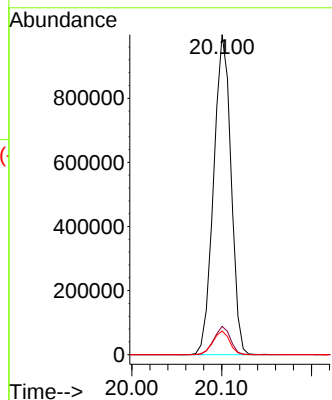
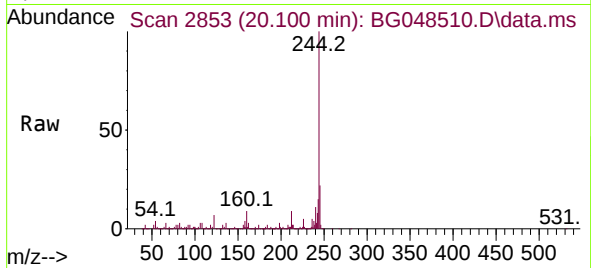




#79
 Terphenyl-d14
 Concen: 78.37 ng
 RT: 20.100 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BG048510.D
 Acq: 25 Mar 2021 20:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-106D

Tgt Ion:244 Resp: 1340957
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.7 10.1
 122 7.4 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.112 min Scan# 3706
 Delta R.T. -0.012 min
 Lab File: BG048510.D
 Acq: 25 Mar 2021 20:27

Tgt Ion:264 Resp: 329719
 Ion Ratio Lower Upper
 264 100
 260 25.8 18.8 28.2
 265 22.9 17.8 26.8

