

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
 Data File : BG048396.D
 Acq On : 17 Mar 2021 13:35
 Operator : CG/JU
 Sample : PB135194BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 14:09:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 16 16:05:10 2021
 Response via : Initial Calibration

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

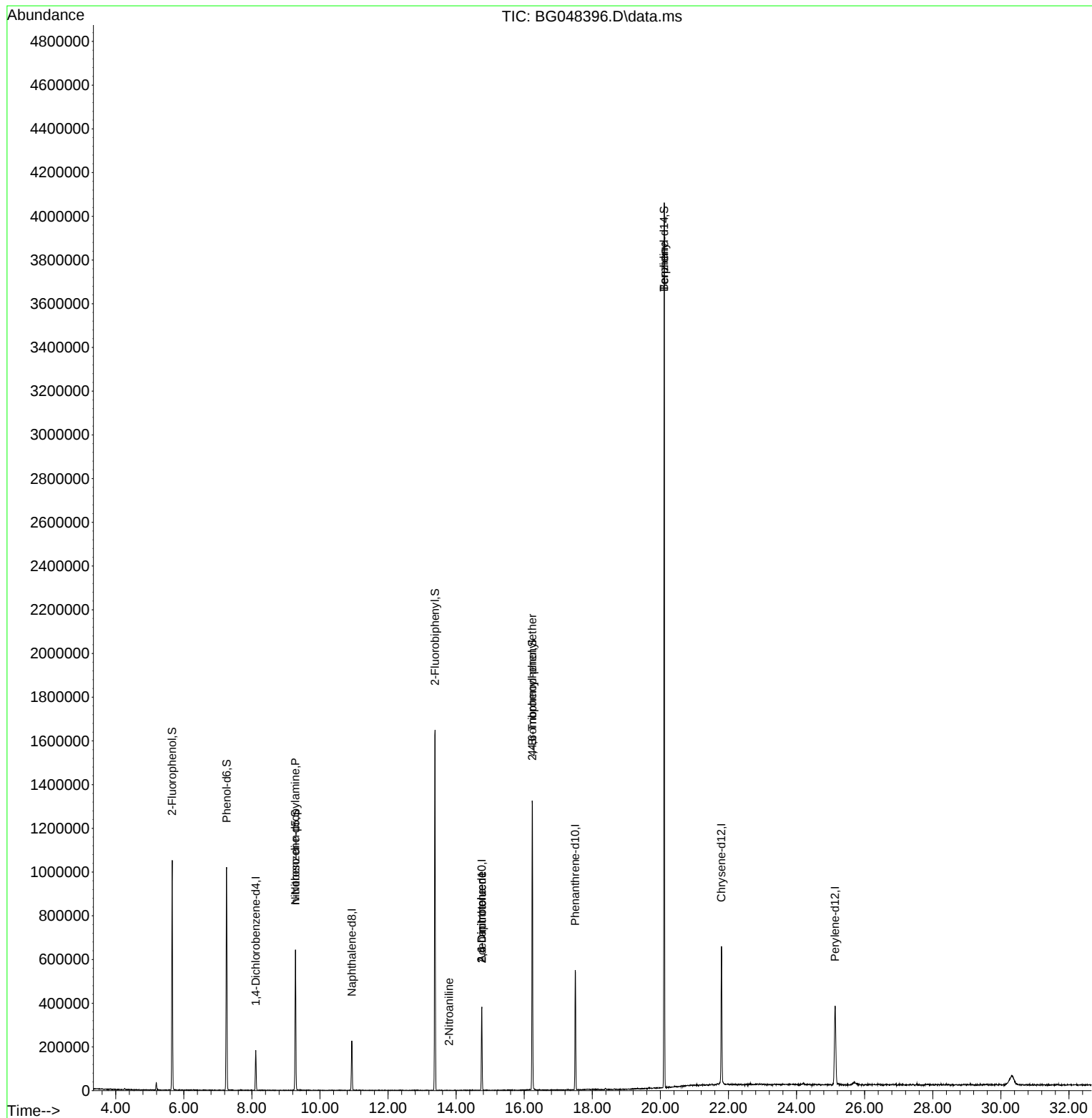
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	46262	20.00	ng	# 0.00
21) Naphthalene-d8	10.936	136	179351	20.00	ng	# 0.00
39) Acenaphthene-d10	14.755	164	138271	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	352512	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	406053	20.00	ng	# 0.00
86) Perylene-d12	25.131	264	408892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	384912	142.91	ng	0.00
7) Phenol-d6	7.257	99	513504	129.41	ng	0.00
23) Nitrobenzene-d5	9.279	82	377949	93.63	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	241436	136.48	ng	0.00
45) 2-Fluorobiphenyl	13.380	172	821802	83.76	ng	0.00
79) Terphenyl-d14	20.113	244	1822417	86.74	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.246	77	1516	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.279	70	55298	18.09	ng	# 74
48) 2-Nitroaniline	13.791	65	179	3.53	ng	# 1
51) 2,6-Dinitrotoluene	14.755	165	18982	9.39	ng	# 35
57) 2,4-Dinitrotoluene	14.755	165	18982	7.97	ng	# 33
67) 4-Bromophenyl-phenylether	16.235	248	16726	3.95	ng	# 1
77) Benizidine	20.113	184	34029	3.23	ng	# 91

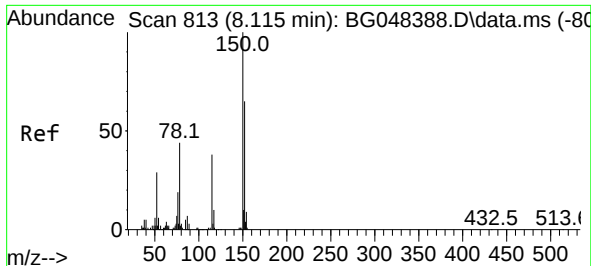
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 16 16:05:10 2021
Response via : Initial Calibration

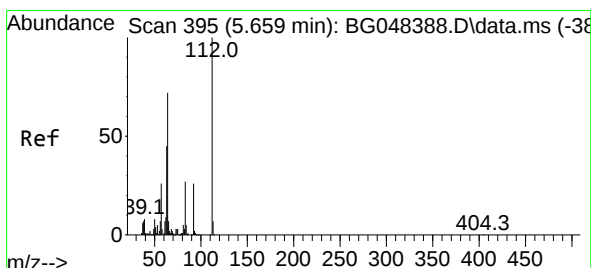
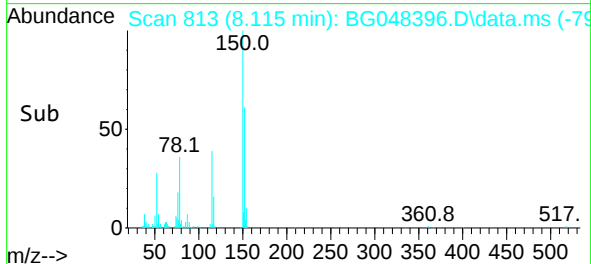
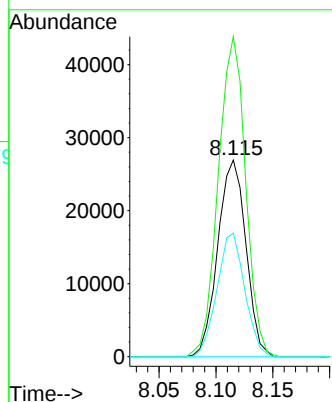
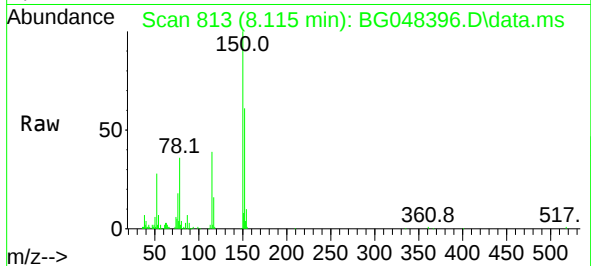




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.115 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

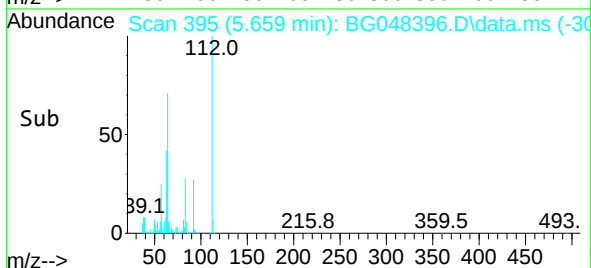
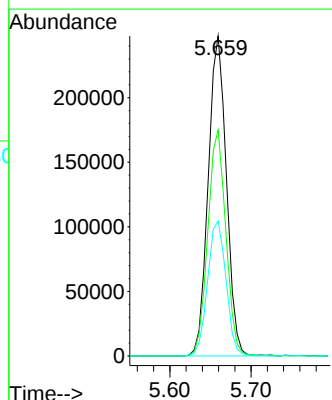
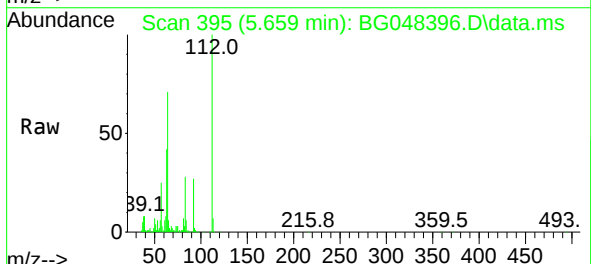
Instrument :
BNA_M
ClientSampleId :

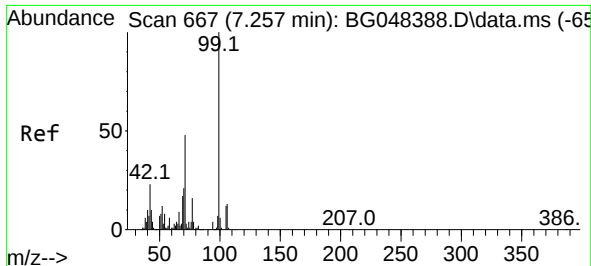
Tgt Ion:152 Resp: 46262
Ion Ratio Lower Upper
152 100
150 162.7 125.0 187.6
115 62.9 41.8 62.6#



#5
2-Fluorophenol
Concen: 142.91 ng
RT: 5.659 min Scan# 395
Delta R.T. 0.000 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

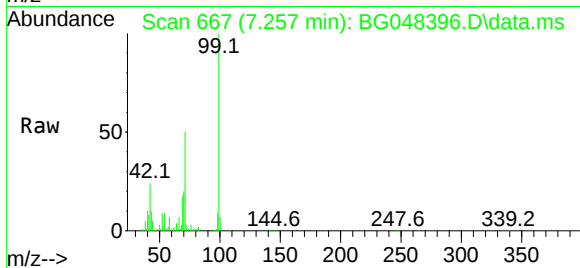
Tgt Ion:112 Resp: 384912
Ion Ratio Lower Upper
112 100
64 70.6 46.7 70.1#
63 42.1 22.8 34.2#



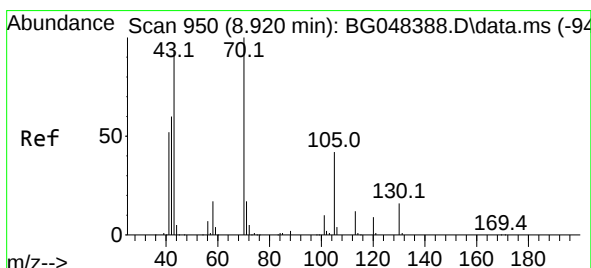
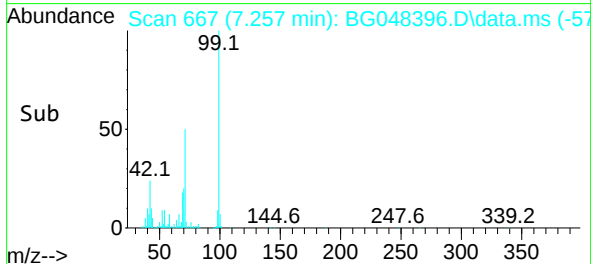
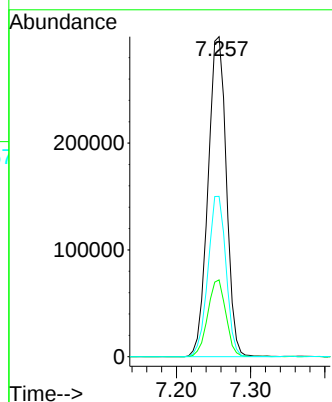


#7
Phenol-d6
Concen: 129.41 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.000 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

Instrument :
BNA_M
ClientSampled :

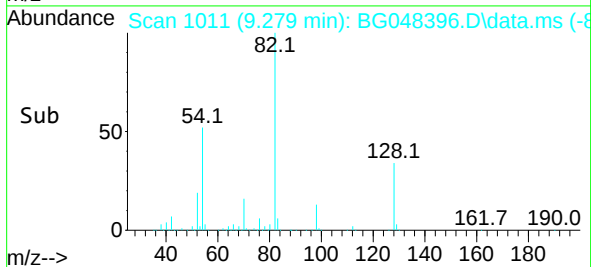
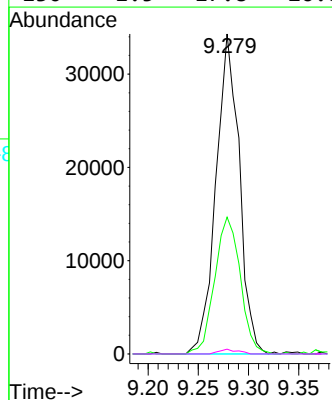
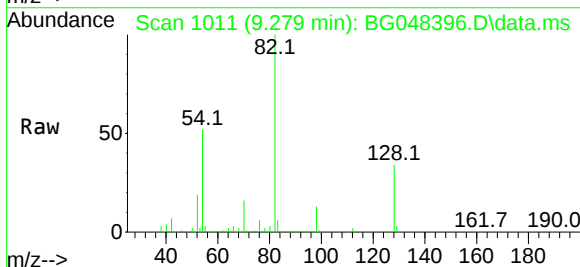


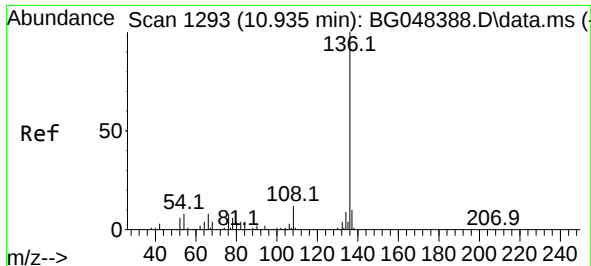
Tgt Ion: 99 Resp: 513504
Ion Ratio Lower Upper
99 100
42 24.0 12.8 19.2#
71 50.1 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.09 ng
RT: 9.279 min Scan# 1011
Delta R.T. 0.358 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

Tgt Ion: 70 Resp: 55298
Ion Ratio Lower Upper
70 100
42 42.8 45.6 68.4#
101 0.0 8.4 12.6#
130 1.5 17.8 26.8#

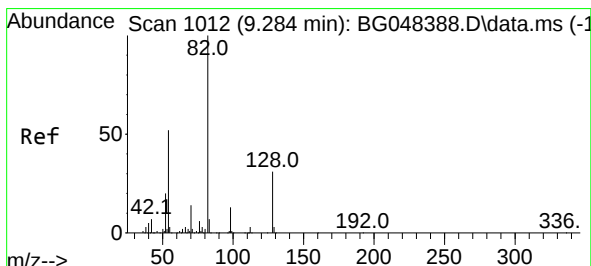
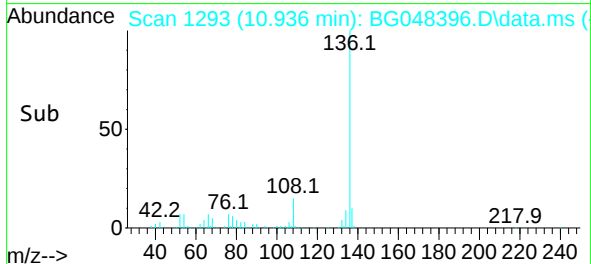
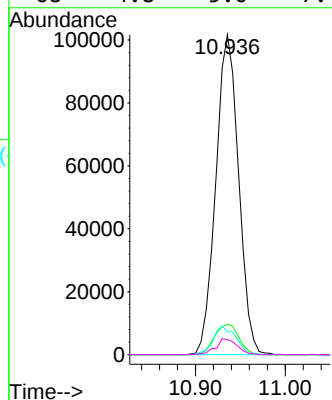
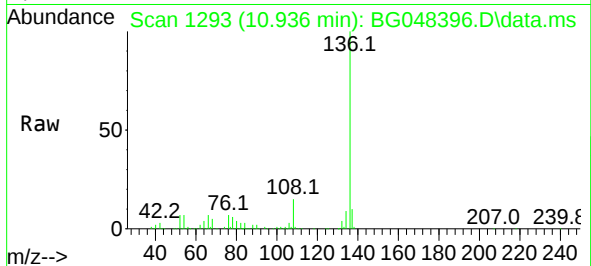




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.936 min Scan# 1293
Delta R.T. 0.001 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

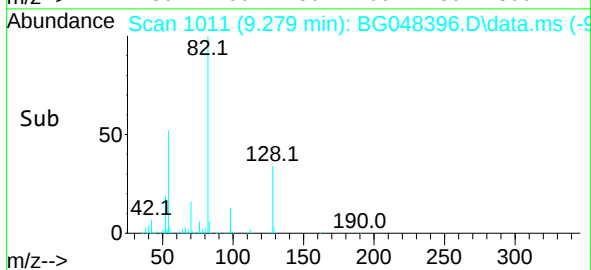
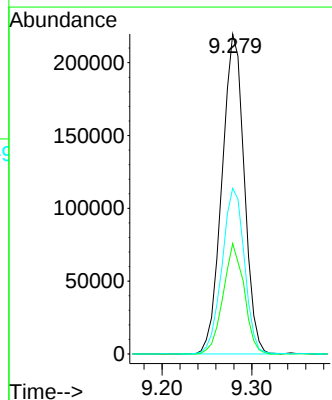
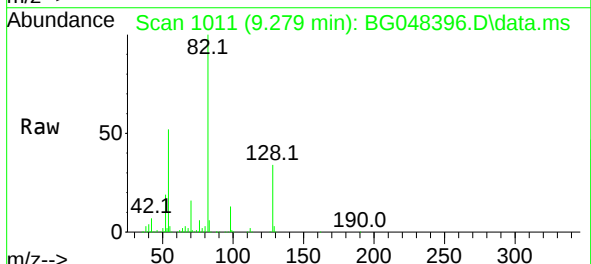
Instrument :
BNA_M
ClientSampled :

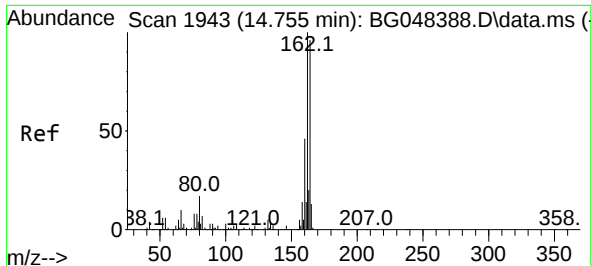
Tgt Ion:136 Resp: 179351
Ion Ratio Lower Upper
136 100
137 9.5 9.1 13.7
54 7.3 6.2 9.4
68 4.8 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 93.63 ng
RT: 9.279 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

Tgt Ion: 82 Resp: 377949
Ion Ratio Lower Upper
82 100
128 34.5 37.0 55.6#
54 51.8 39.0 58.4

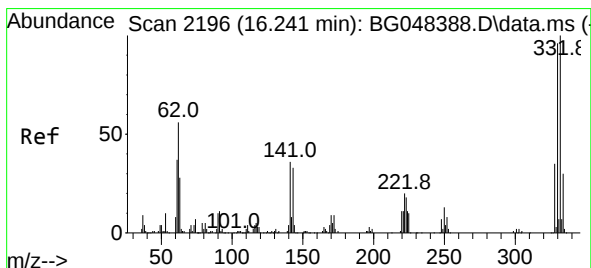
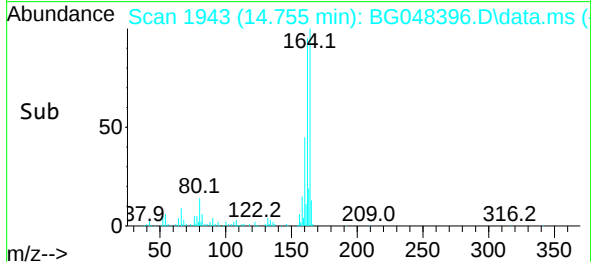
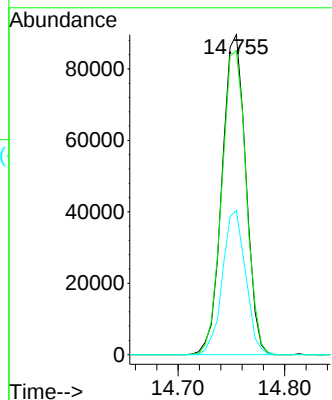
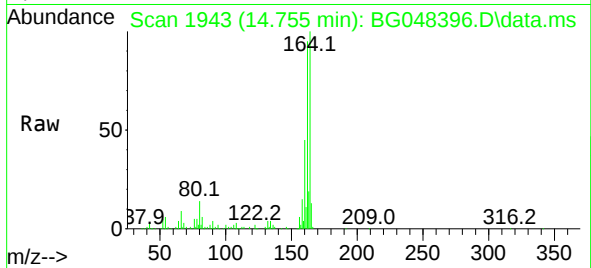




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.755 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

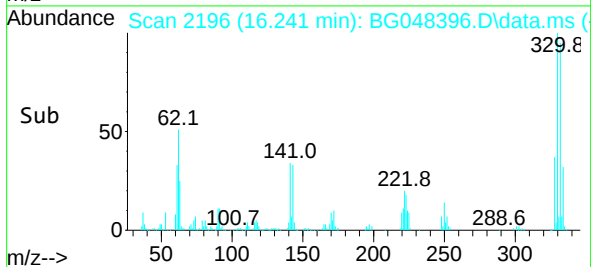
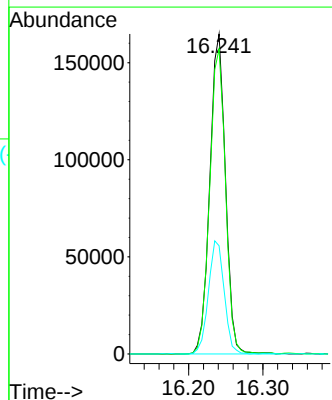
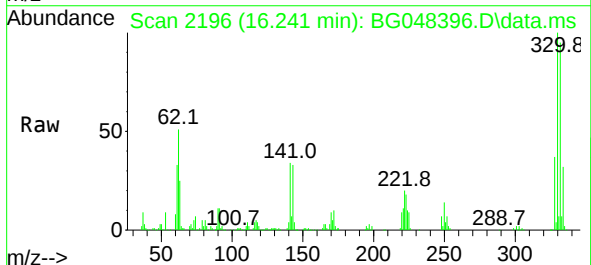
Instrument :
BNA_M
ClientSampleId :

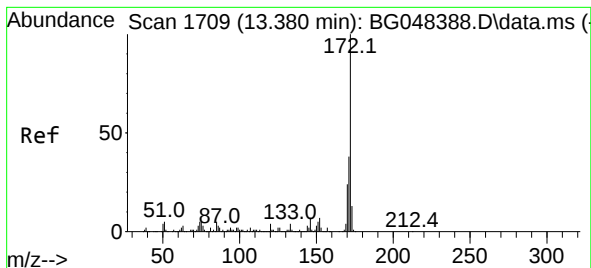
Tgt Ion:164 Resp: 138271
Ion Ratio Lower Upper
164 100
162 95.0 82.3 123.5
160 45.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 136.48 ng
RT: 16.241 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

Tgt Ion:330 Resp: 241436
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 35.7 26.0 39.0

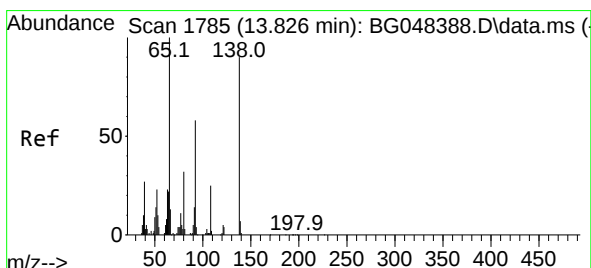
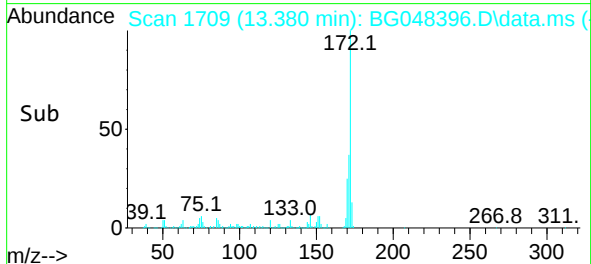
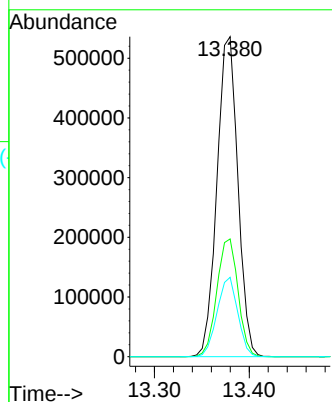
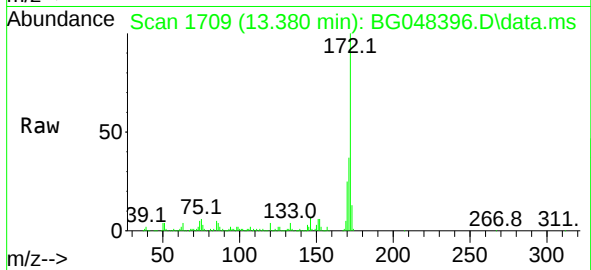




#45
2-Fluorobiphenyl
Concen: 83.76 ng
RT: 13.380 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

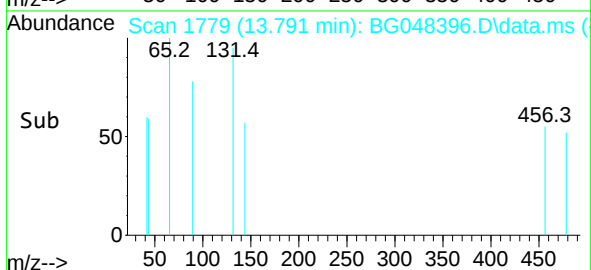
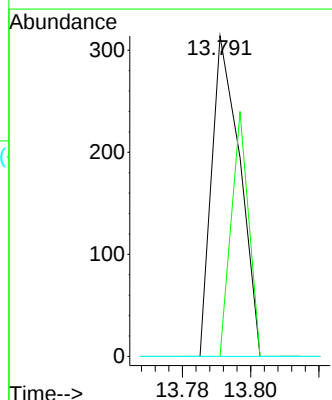
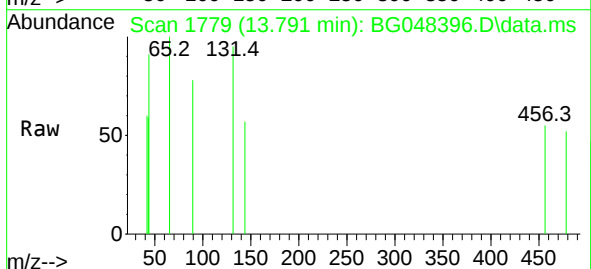
Instrument :
BNA_M
ClientSampled :

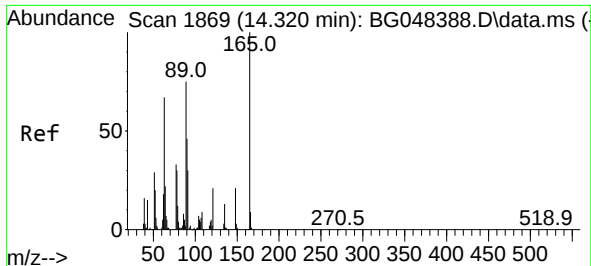
Tgt Ion:172 Resp: 821802
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 24.8 20.8 31.2



#48
2-Nitroaniline
Concen: 3.53 ng
RT: 13.791 min Scan# 1779
Delta R.T. -0.035 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

Tgt Ion: 65 Resp: 179
Ion Ratio Lower Upper
65 100
92 0.0 58.6 88.0#
138 0.0 98.2 147.4#

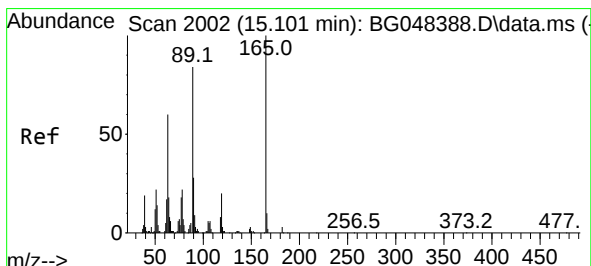
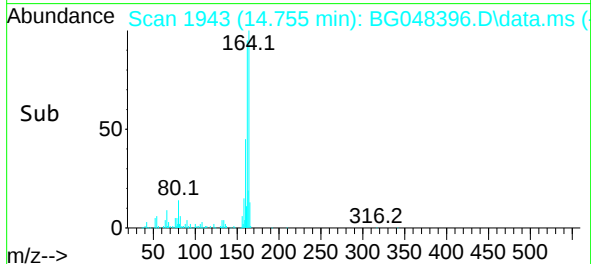
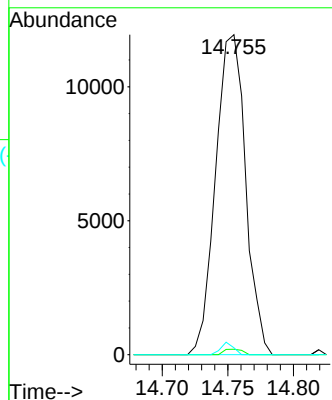
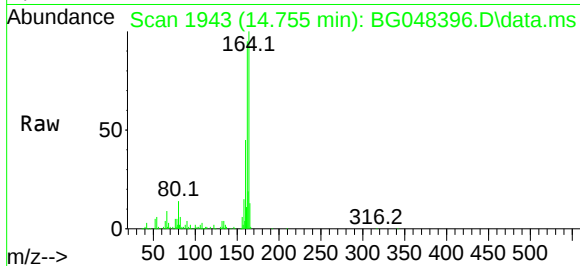




#51
2,6-Dinitrotoluene
Concen: 9.39 ng
RT: 14.755 min Scan# 1943
Delta R.T. 0.435 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

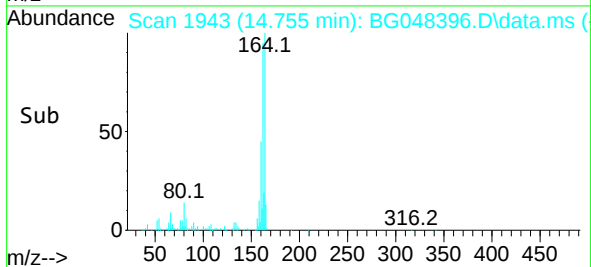
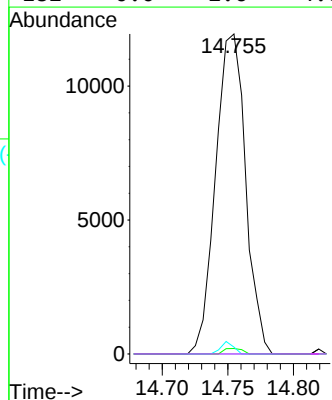
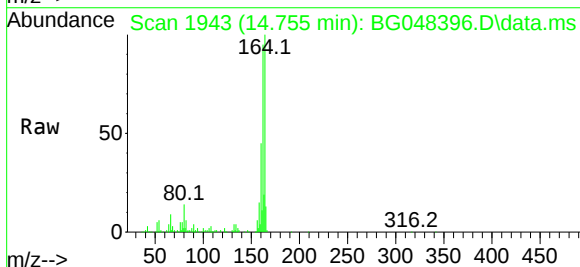
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BNA_M
ClientSampled :

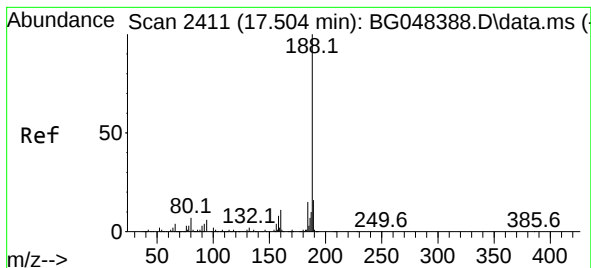
Tgt Ion:165 Resp: 18982
Ion Ratio Lower Upper
165 100
63 1.7 33.7 50.5#
89 2.1 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.97 ng
RT: 14.755 min Scan# 1943
Delta R.T. -0.346 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

Tgt Ion:165 Resp: 18982
Ion Ratio Lower Upper
165 100
63 1.7 26.4 39.6#
89 2.1 47.8 71.8#
182 0.0 2.6 4.0#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.498 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BG048396.D

Acq: 17 Mar 2021 13:35

Tgt Ion:188 Resp: 352512

Ion Ratio Lower Upper

188 100

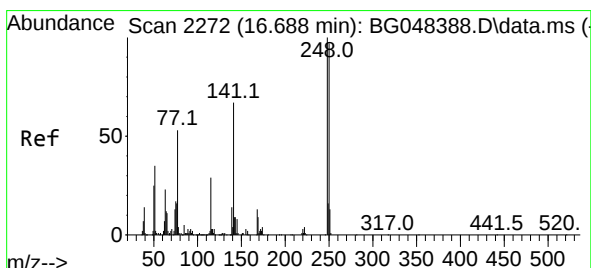
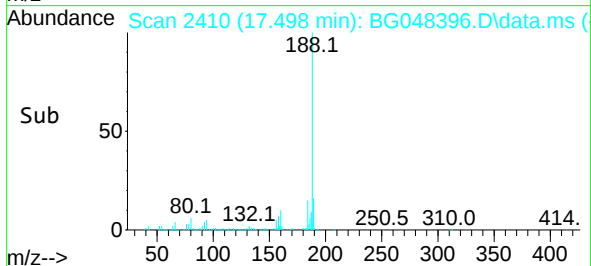
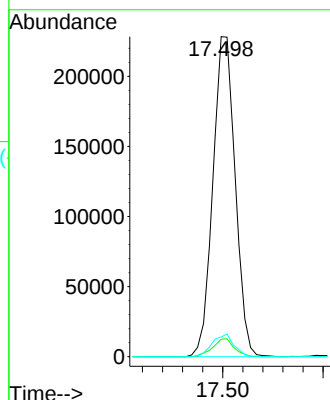
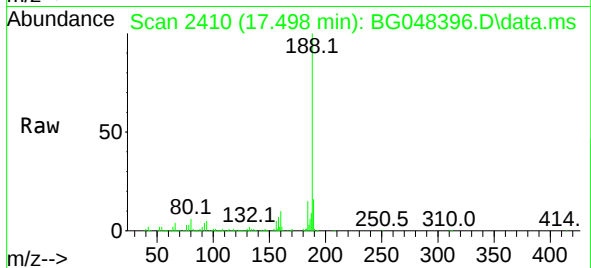
94 5.5 6.3 9.5#

80 6.1 7.0 10.6#

Instrument :

BNA_M

ClientSampled :



#67

4-Bromophenyl-phenylether

Concen: 3.95 ng

RT: 16.235 min Scan# 2195

Delta R.T. -0.452 min

Lab File: BG048396.D

Acq: 17 Mar 2021 13:35

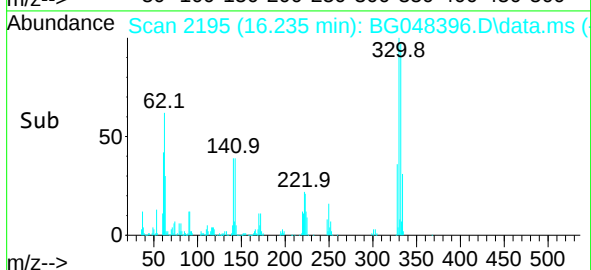
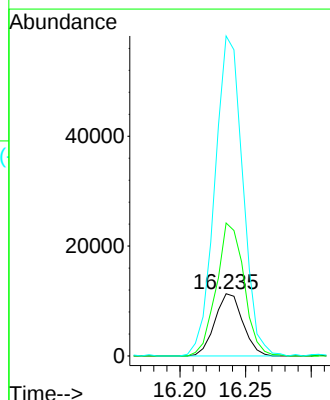
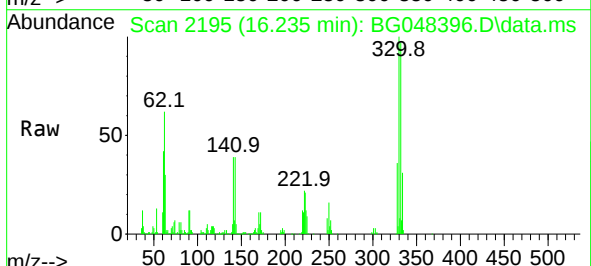
Tgt Ion:248 Resp: 16726

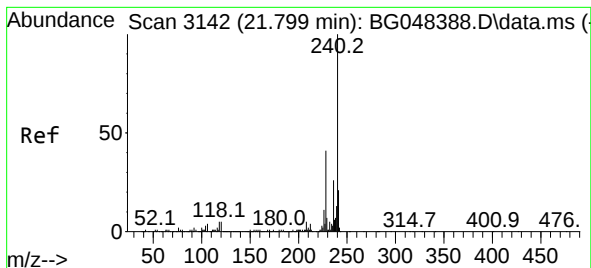
Ion Ratio Lower Upper

248 100

250 213.5 78.9 118.3#

141 513.5 46.2 69.4#

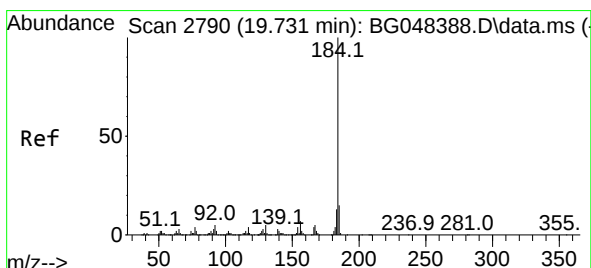
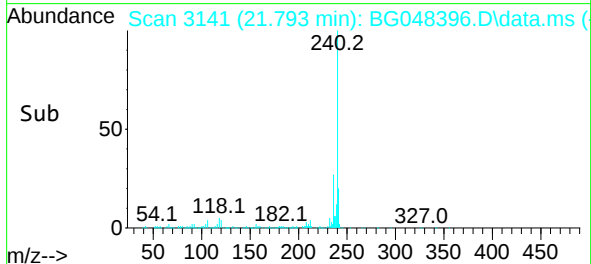
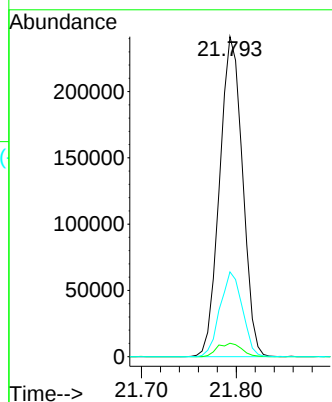
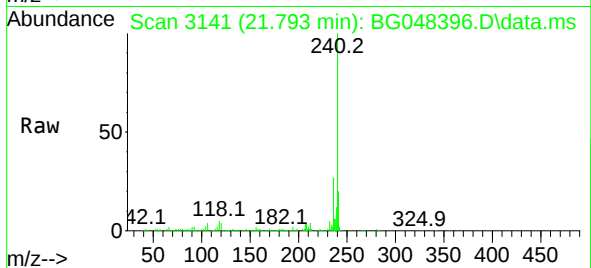




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

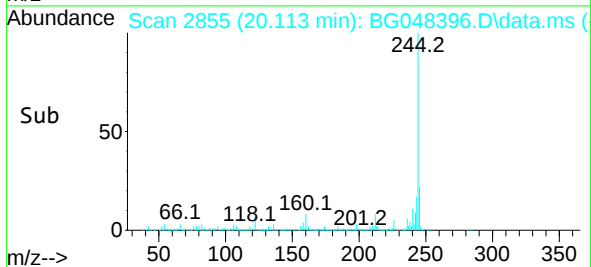
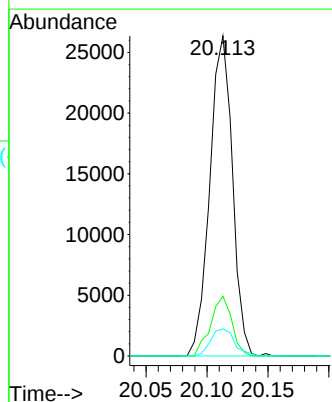
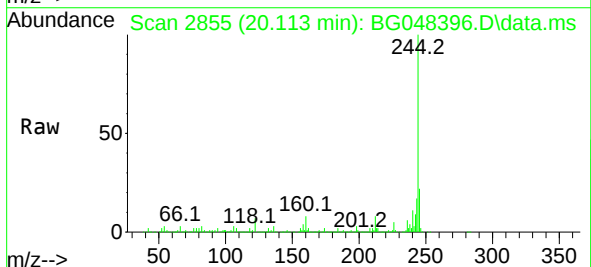
Instrument :
BNA_M
ClientSampleId :

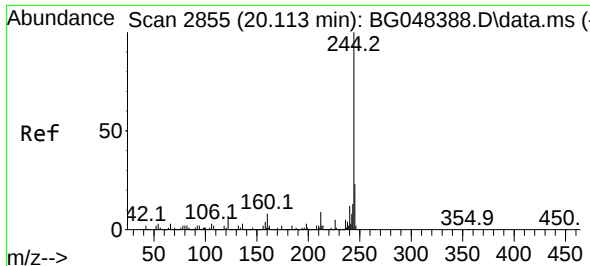
Tgt Ion:240 Resp: 406053
Ion Ratio Lower Upper
240 100
120 4.2 6.2 9.4#
236 26.5 20.5 30.7



#77
Benzidine
Concen: 3.23 ng
RT: 20.113 min Scan# 2855
Delta R.T. 0.382 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

Tgt Ion:184 Resp: 34029
Ion Ratio Lower Upper
184 100
185 18.6 12.4 18.6#
183 8.5 10.6 15.8#

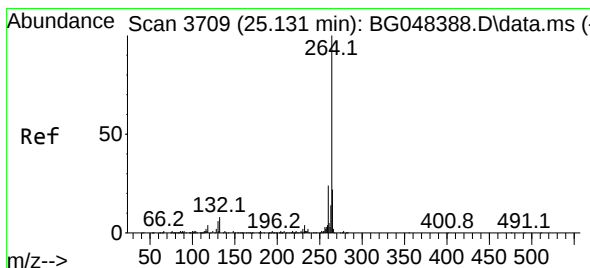
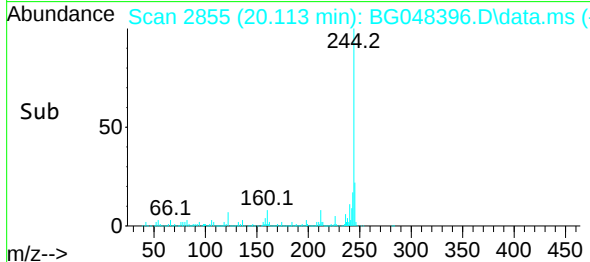
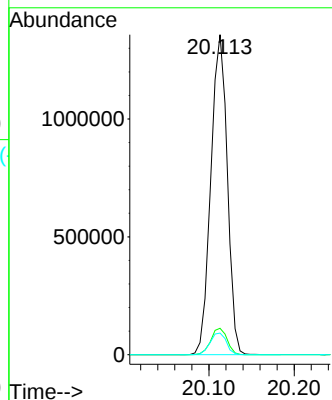
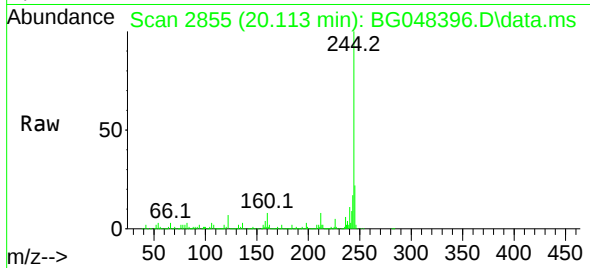




#79
Terphenyl-d14
Concen: 86.74 ng
RT: 20.113 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

Instrument :
BNA_M
ClientSampled :

Tgt Ion:244 Resp: 1822417
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 6.8 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.131 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BG048396.D
Acq: 17 Mar 2021 13:35

Tgt Ion:264 Resp: 408892
Ion Ratio Lower Upper
264 100
260 21.2 18.8 28.2
265 21.3 17.8 26.8

