

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051144.D
 Acq On : 20 Nov 2021 5:31
 Operator : CG/JU
 Sample : M4758-23
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP12

Quant Time: Nov 20 06:07:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

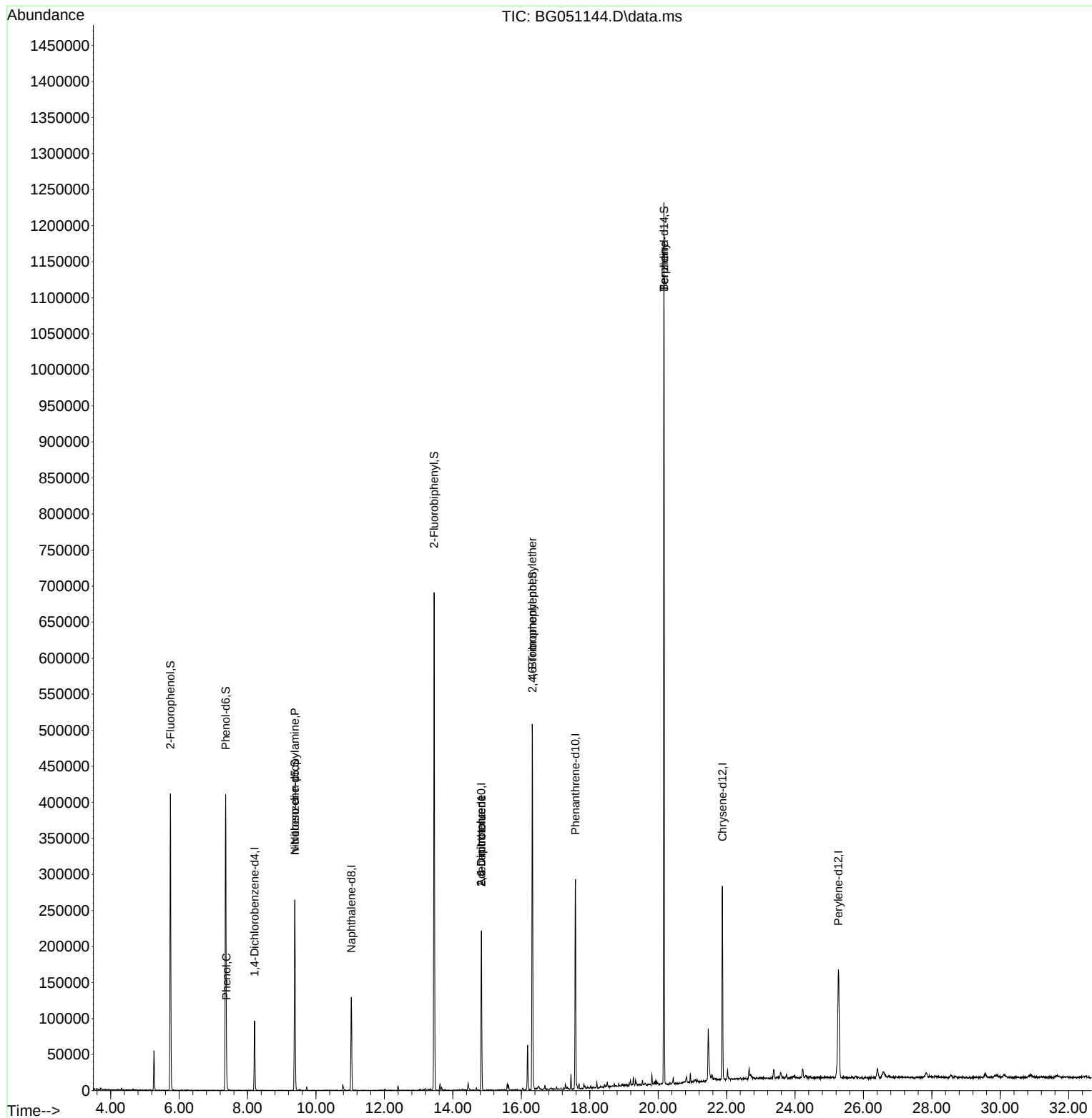
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	26832	20.000	ng	0.00
21) Naphthalene-d8	11.032	136	112160	20.000	ng	# 0.00
39) Acenaphthene-d10	14.833	164	79790	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	181263	20.000	ng	# 0.00
76) Chrysene-d12	21.878	240	167408	20.000	ng	# 0.00
86) Perylene-d12	25.268	264	165621	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	181031	104.296	ng	0.00
7) Phenol-d6	7.359	99	242598	99.233	ng	0.00
23) Nitrobenzene-d5	9.381	82	173450	70.593	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	88100	103.884	ng	0.00
45) 2-Fluorobiphenyl	13.452	172	345944	65.424	ng	0.00
79) Terphenyl-d14	20.168	244	557252	60.852	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.383	94	9446	3.764	ng	93
19) n-Nitroso-di-n-propyla...	9.381	70	23910	13.250	ng	# 69
51) 2,6-Dinitrotoluene	14.833	165	9982	7.774	ng	# 10
57) 2,4-Dinitrotoluene	14.833	165	9982	5.428	ng	# 15
67) 4-Bromophenyl-phenylether	16.320	248	6640	3.387	ng	# 1
77) Benzdine	20.168	184	9504	3.457	ng	# 92

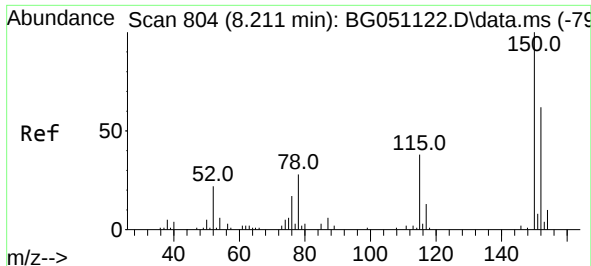
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
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Misc :
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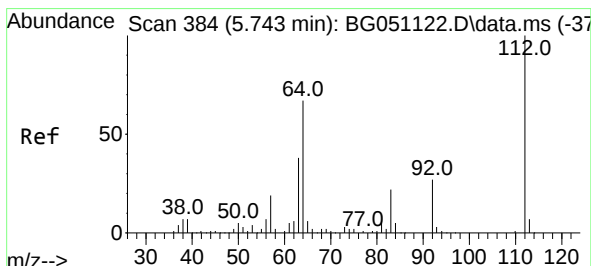
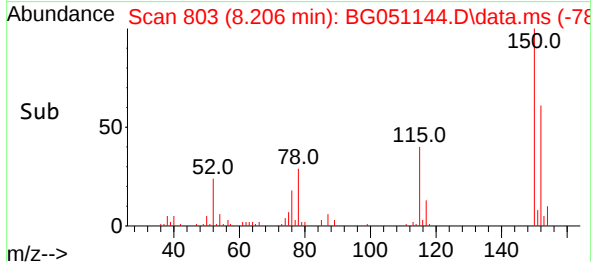
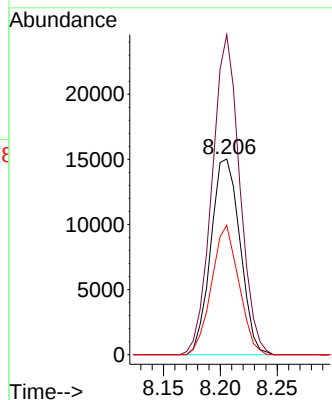
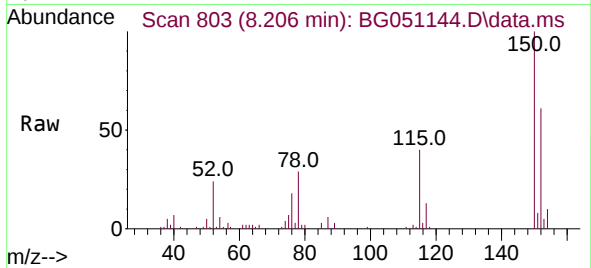




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.206 min Scan# 804
 Delta R.T. -0.005 min
 Lab File: BG051144.D
 Acq: 20 Nov 2021 5:31

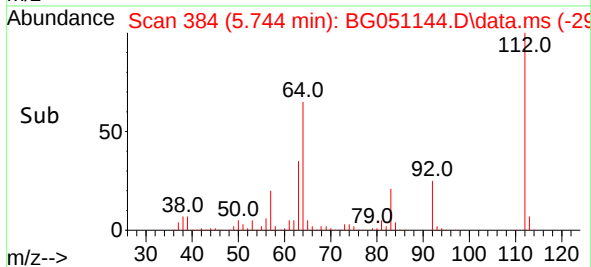
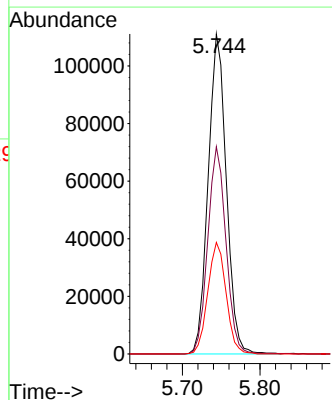
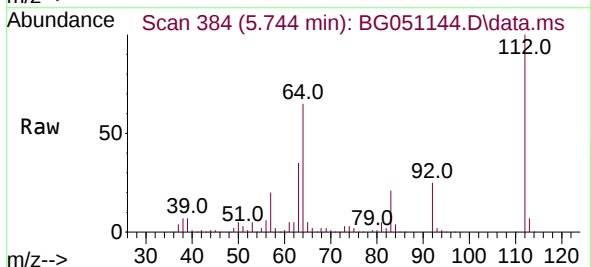
Instrument :
 BNA_G
 ClientSampleId :
 TP12

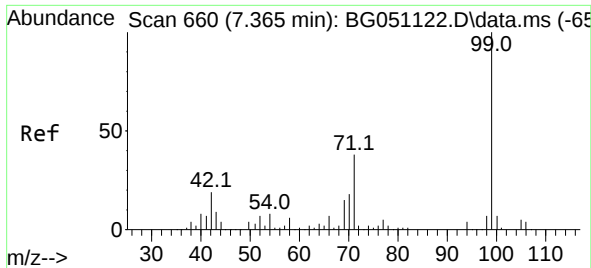
Tgt Ion:152 Resp: 26832
 Ion Ratio Lower Upper
 152 100
 150 163.5 119.4 179.0
 115 66.1 60.2 90.4



#5
 2-Fluorophenol
 Concen: 104.296 ng
 RT: 5.744 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: BG051144.D
 Acq: 20 Nov 2021 5:31

Tgt Ion:112 Resp: 181031
 Ion Ratio Lower Upper
 112 100
 64 64.8 46.7 70.1
 63 34.9 35.3 52.9#

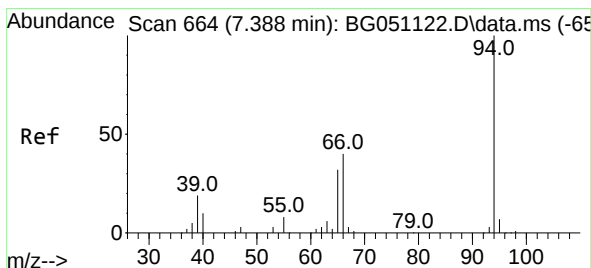
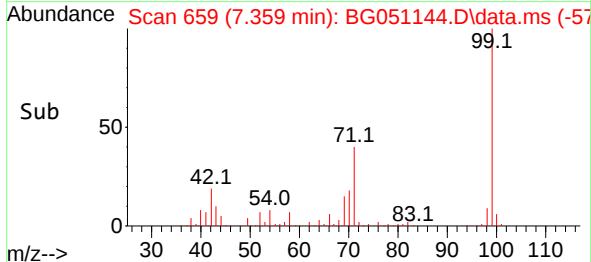
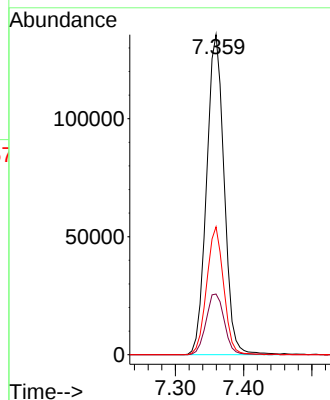
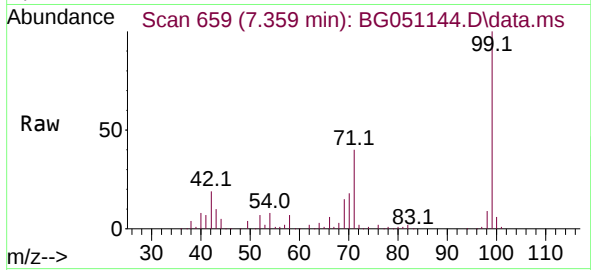




#7
Phenol-d6
Concen: 99.233 ng
RT: 7.359 min Scan# 611
Delta R.T. -0.005 min
Lab File: BG051144.D
Acq: 20 Nov 2021 5:31

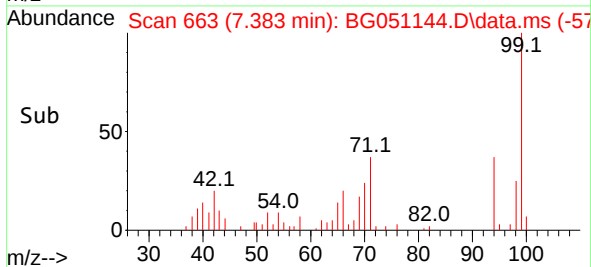
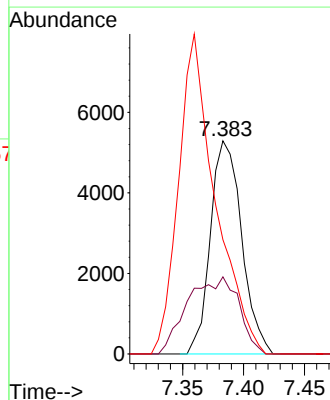
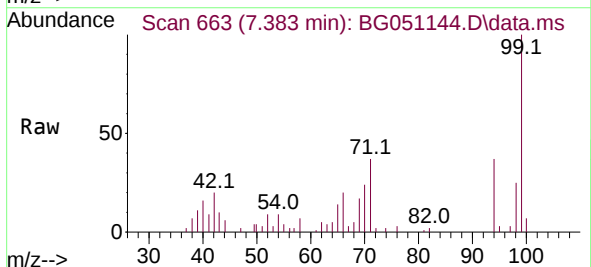
Instrument :
BNA_G
ClientSampleId :
TP12

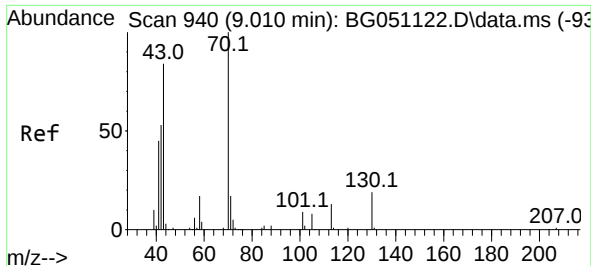
Tgt Ion: 99 Resp: 242598
Ion Ratio Lower Upper
99 100
42 18.9 20.5 30.7#
71 39.9 41.5 62.3#



#10
Phenol
Concen: 3.764 ng
RT: 7.383 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG051144.D
Acq: 20 Nov 2021 5:31

Tgt Ion: 94 Resp: 9446
Ion Ratio Lower Upper
94 100
65 36.2 12.9 52.9
66 53.6 39.4 79.4

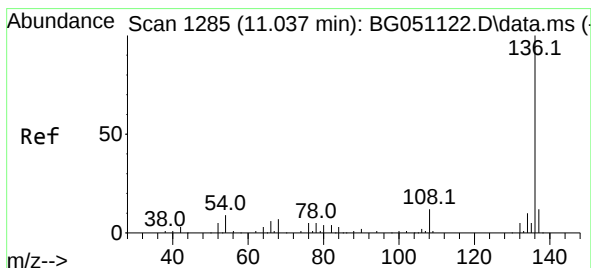
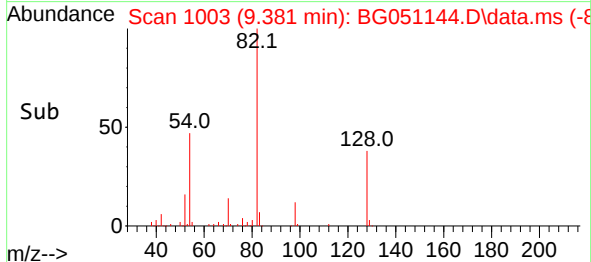
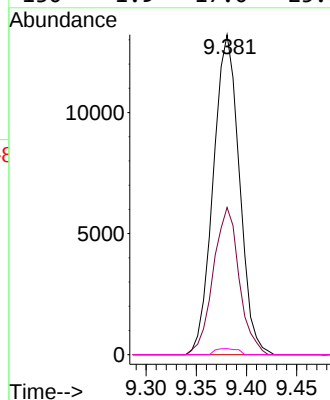
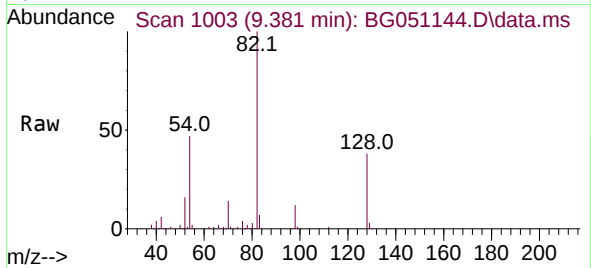




#19
n-Nitroso-di-n-propylamine
Concen: 13.250 ng
RT: 9.381 min Scan# 1003
Delta R.T. 0.371 min
Lab File: BG051144.D
Acq: 20 Nov 2021 5:31

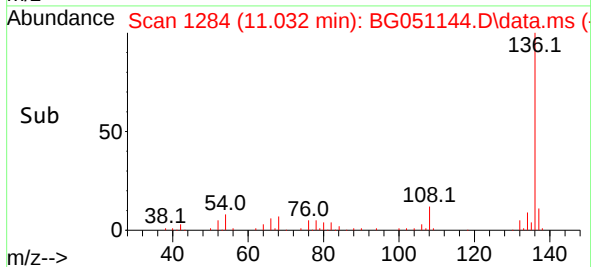
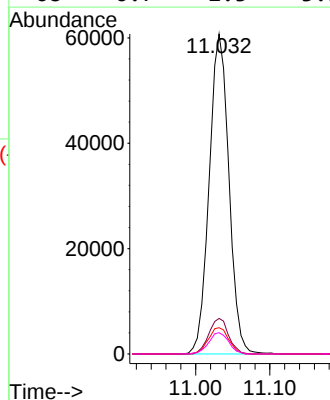
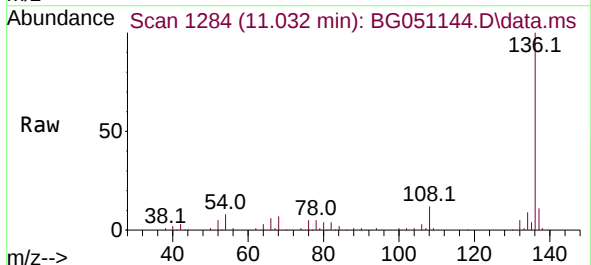
Instrument :
BNA_G
ClientSampleId :
TP12

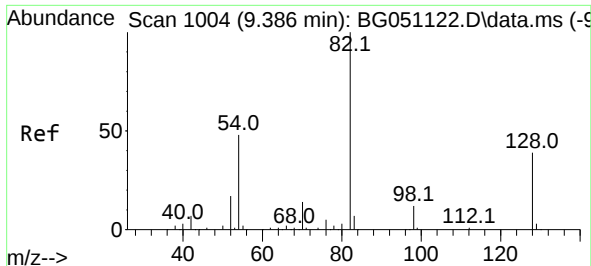
Tgt Ion: 70 Resp: 23910
Ion Ratio Lower Upper
70 100
42 46.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG051144.D
Acq: 20 Nov 2021 5:31

Tgt Ion: 136 Resp: 112160
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 8.2 5.5 8.3
68 6.7 2.3 3.5#

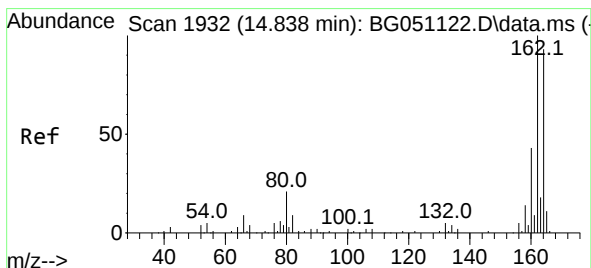
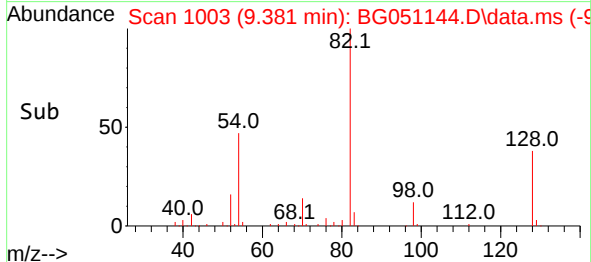
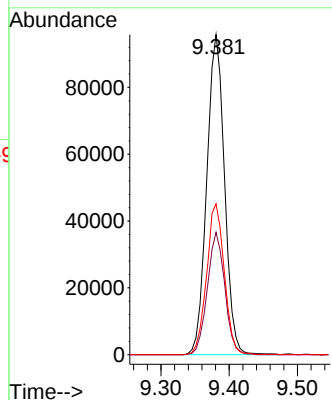
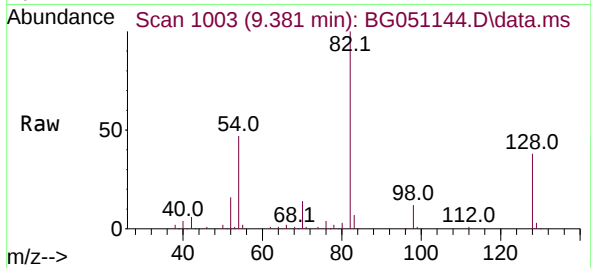




#23
 Nitrobenzene-d5
 Concen: 70.593 ng
 RT: 9.381 min Scan# 1003
 Delta R.T. -0.005 min
 Lab File: BG051144.D
 Acq: 20 Nov 2021 5:31

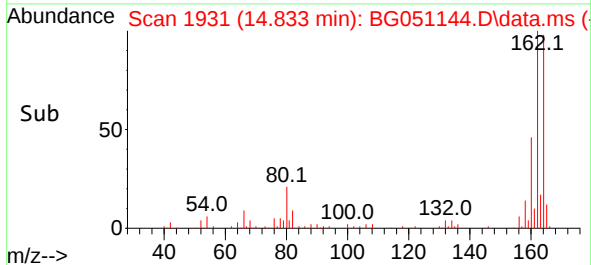
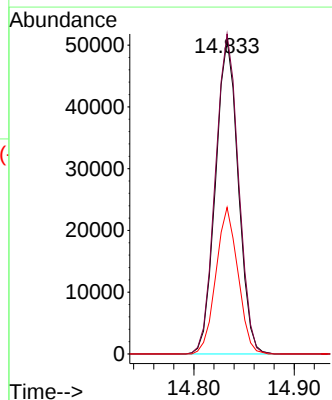
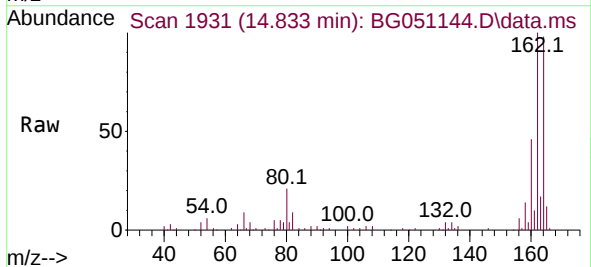
Instrument :
 BNA_G
 ClientSampleId :
 TP12

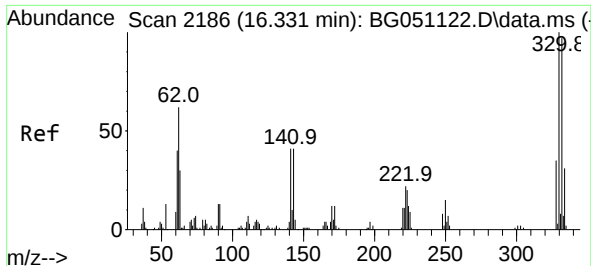
Tgt Ion: 82 Resp: 173450
 Ion Ratio Lower Upper
 82 100
 128 38.2 29.8 44.6
 54 47.2 45.8 68.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.833 min Scan# 1931
 Delta R.T. -0.005 min
 Lab File: BG051144.D
 Acq: 20 Nov 2021 5:31

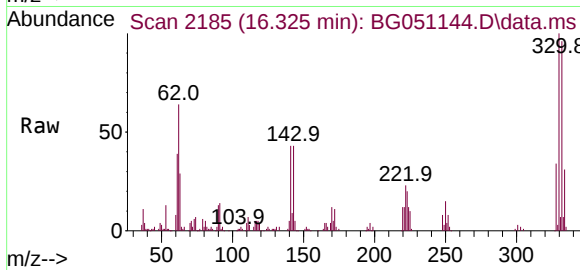
Tgt Ion:164 Resp: 79790
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.4 122.0
 160 46.6 34.9 52.3



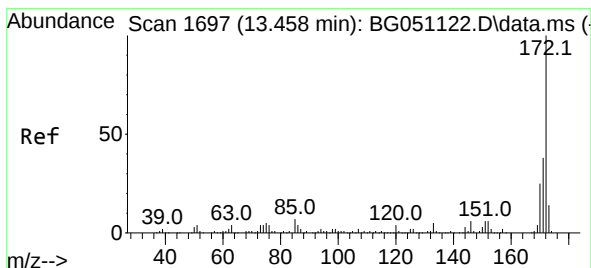
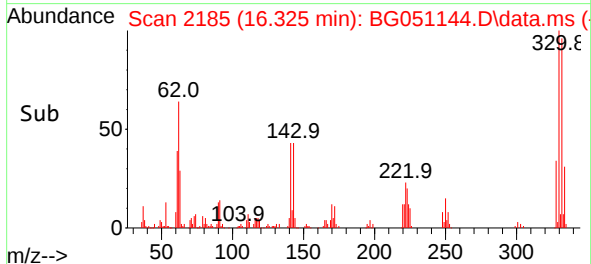
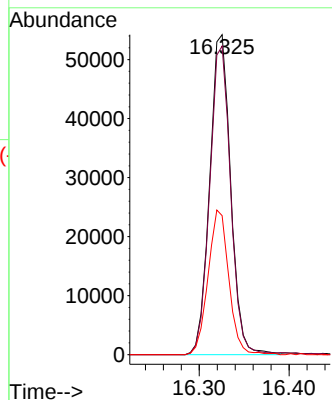


#42
2,4,6-Tribromophenol
Concen: 103.884 ng
RT: 16.325 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG051144.D
Acq: 20 Nov 2021 5:31

Instrument :
BNA_G
ClientSampleId :
TP12

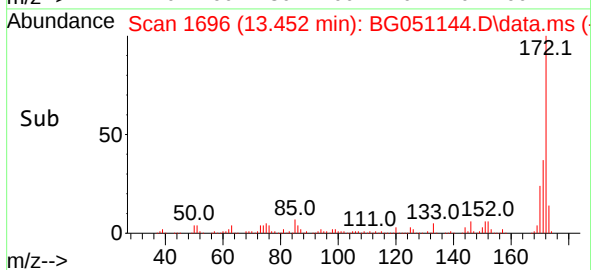
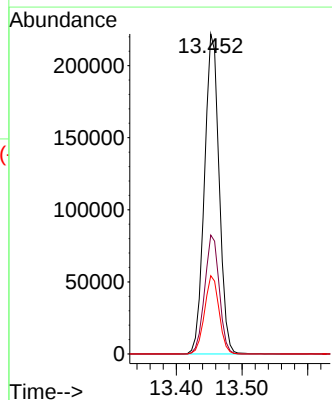
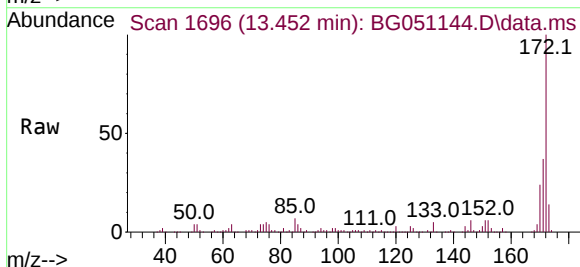


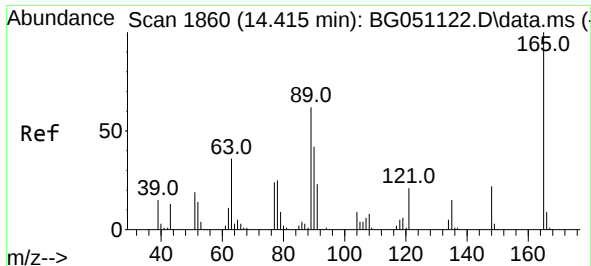
Tgt Ion:330 Resp: 88100
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 44.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 65.424 ng
RT: 13.452 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BG051144.D
Acq: 20 Nov 2021 5:31

Tgt Ion:172 Resp: 345944
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 24.4 18.6 27.8

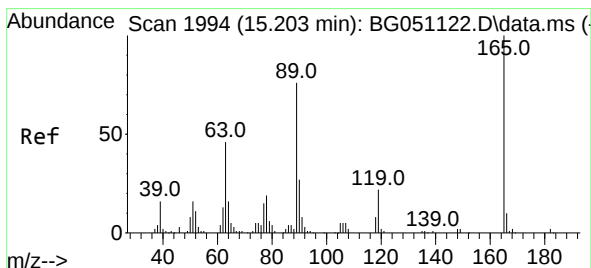
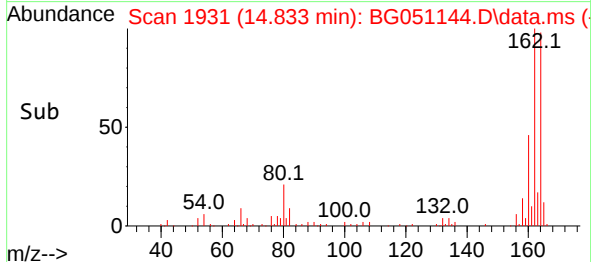
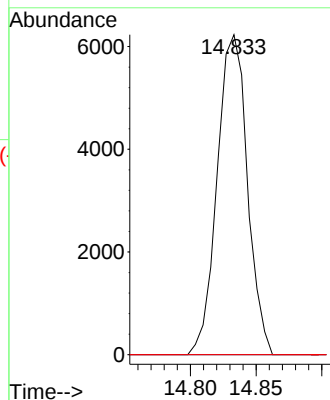
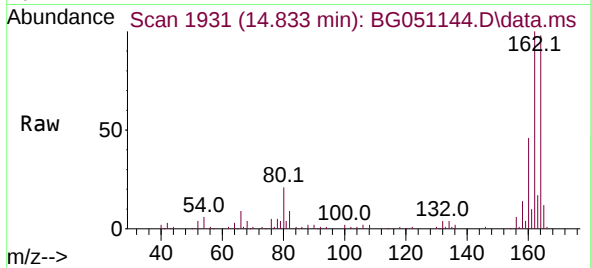




#51
2,6-Dinitrotoluene
Concen: 7.774 ng
RT: 14.833 min Scan# 1931
Delta R.T. 0.418 min
Lab File: BG051144.D
Acq: 20 Nov 2021 5:31

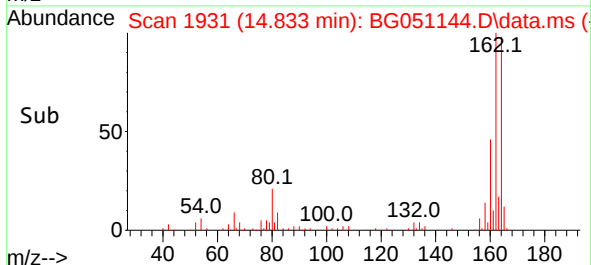
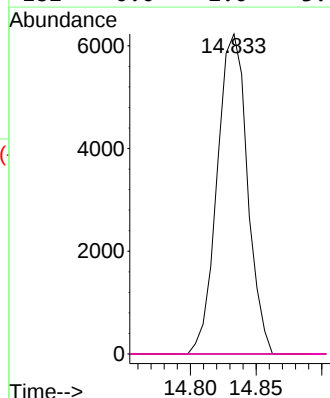
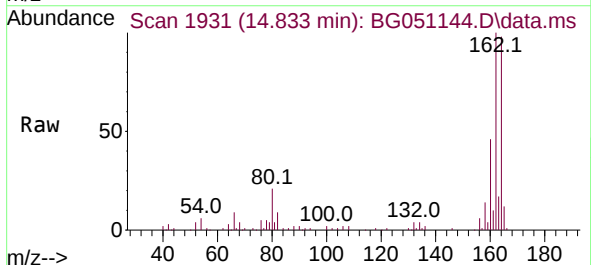
Instrument :
BNA_G
ClientSampleId :
TP12

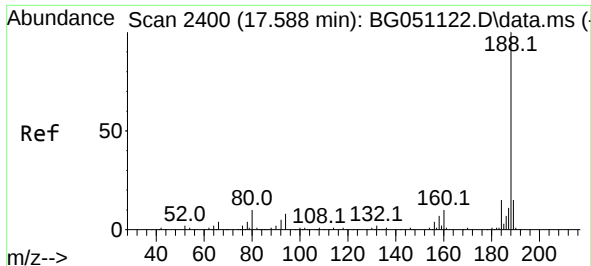
Tgt Ion:165 Resp: 9982
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.428 ng
RT: 14.833 min Scan# 1931
Delta R.T. -0.370 min
Lab File: BG051144.D
Acq: 20 Nov 2021 5:31

Tgt Ion:165 Resp: 9982
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

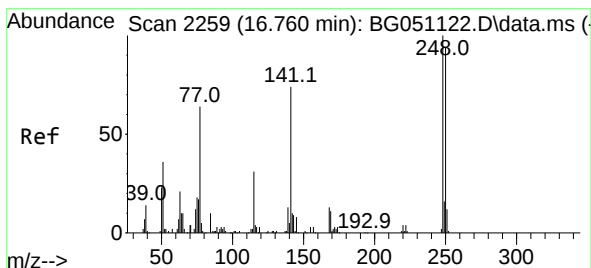
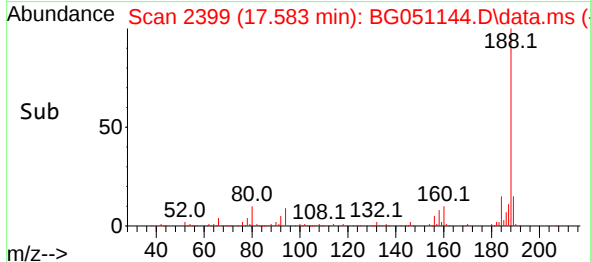
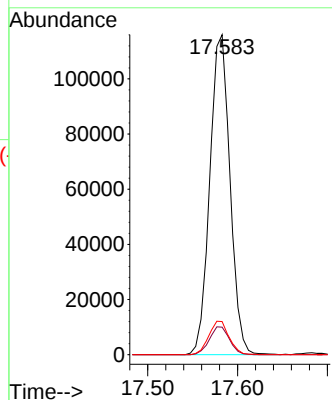
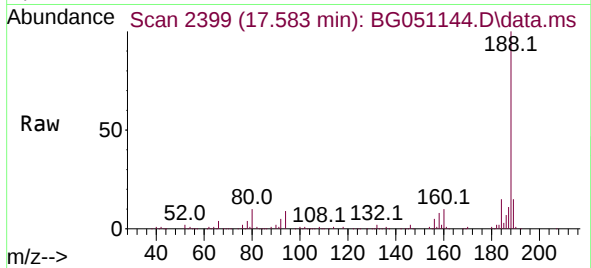




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.583 min Scan# 21184
Delta R.T. -0.005 min
Lab File: BG051144.D
Acq: 20 Nov 2021 5:31

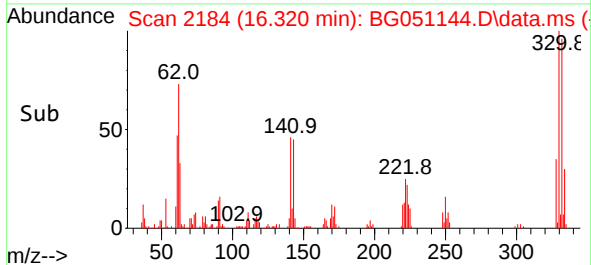
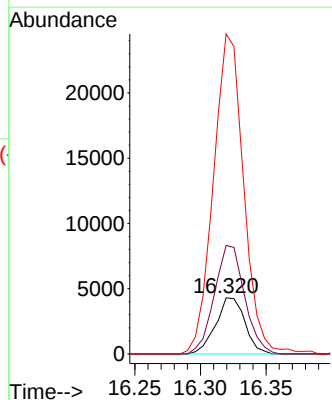
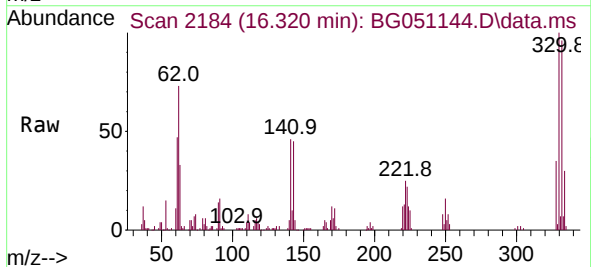
Instrument :
BNA_G
ClientSampleId :
TP12

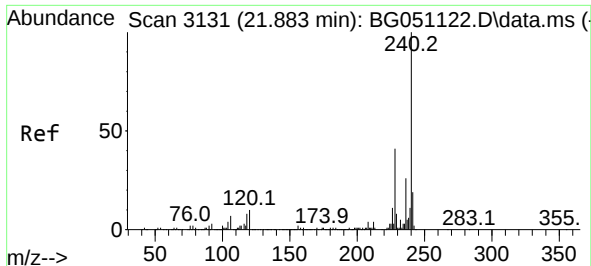
Tgt Ion:188 Resp: 181263
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 10.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.387 ng
RT: 16.320 min Scan# 2184
Delta R.T. -0.440 min
Lab File: BG051144.D
Acq: 20 Nov 2021 5:31

Tgt Ion:248 Resp: 6640
Ion Ratio Lower Upper
248 100
250 193.4 76.1 114.1#
141 570.0 65.4 98.2#

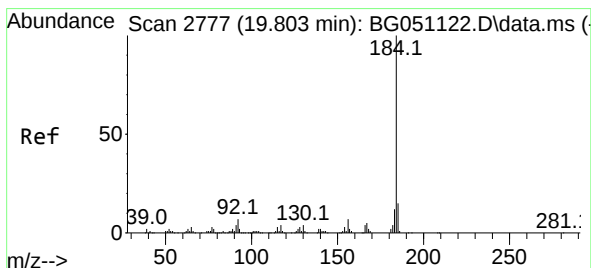
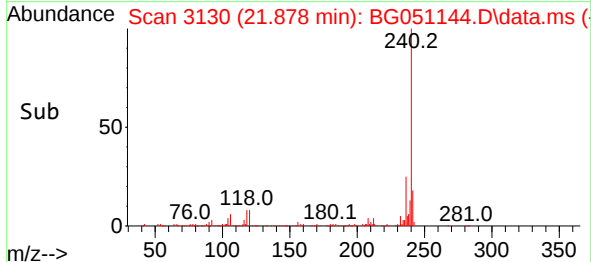
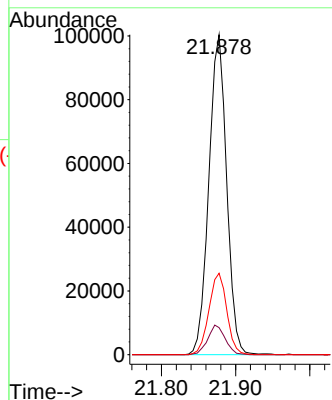
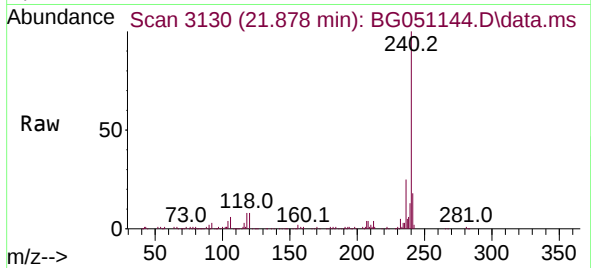




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BG051144.D
Acq: 20 Nov 2021 5:31

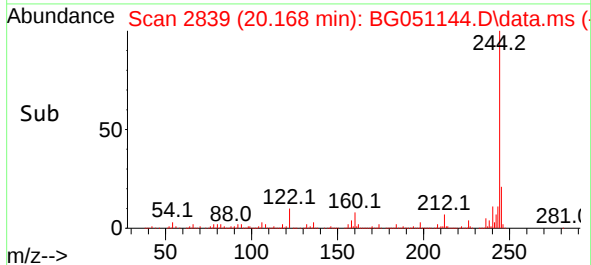
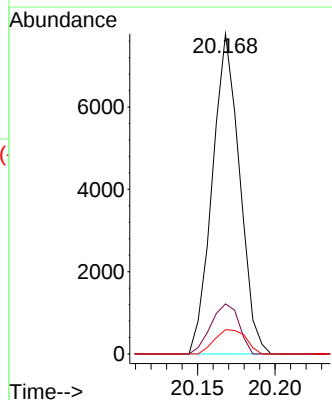
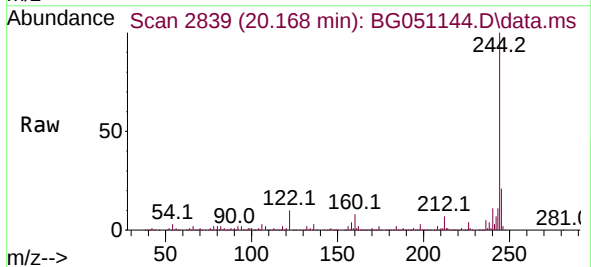
Instrument :
BNA_G
ClientSampleId :
TP12

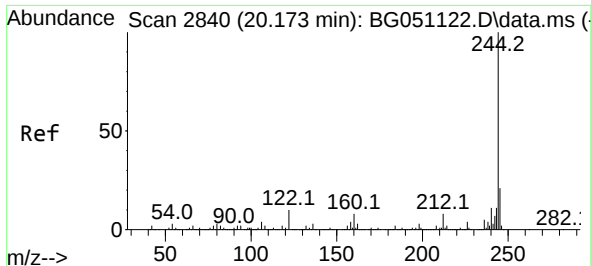
Tgt Ion:240 Resp: 167408
Ion Ratio Lower Upper
240 100
120 8.4 4.2 6.2#
236 25.5 21.8 32.6



#77
Benzidine
Concen: 3.457 ng
RT: 20.168 min Scan# 2839
Delta R.T. 0.365 min
Lab File: BG051144.D
Acq: 20 Nov 2021 5:31

Tgt Ion:184 Resp: 9504
Ion Ratio Lower Upper
184 100
185 15.7 10.7 16.1
183 7.6 9.4 14.0#

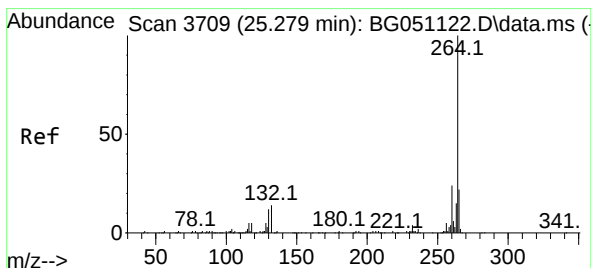
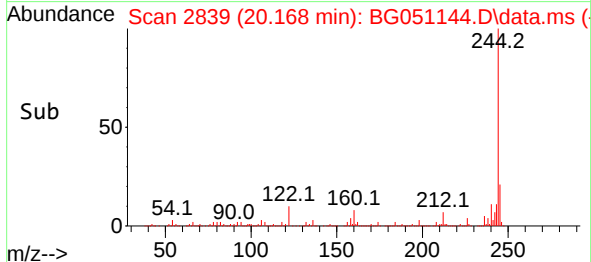
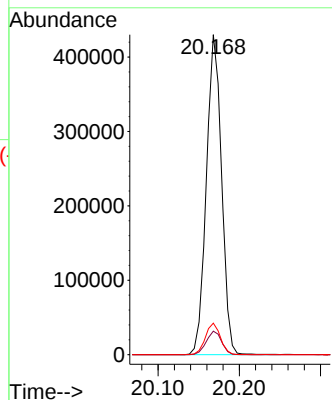
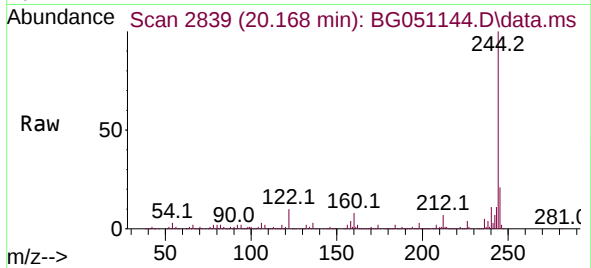




#79
 Terphenyl-d14
 Concen: 60.852 ng
 RT: 20.168 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG051144.D
 Acq: 20 Nov 2021 5:31

Instrument :
 BNA_G
 ClientSampleId :
 TP12

Tgt Ion:244 Resp: 557252
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.9 10.3
 122 9.8 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.268 min Scan# 3707
 Delta R.T. -0.011 min
 Lab File: BG051144.D
 Acq: 20 Nov 2021 5:31

Tgt Ion:264 Resp: 165621
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.4 16.9 25.3

