

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053384.D
 Acq On : 29 Apr 2022 19:37
 Operator : CG/JU
 Sample : N2572-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-14D

Quant Time: May 02 01:03:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

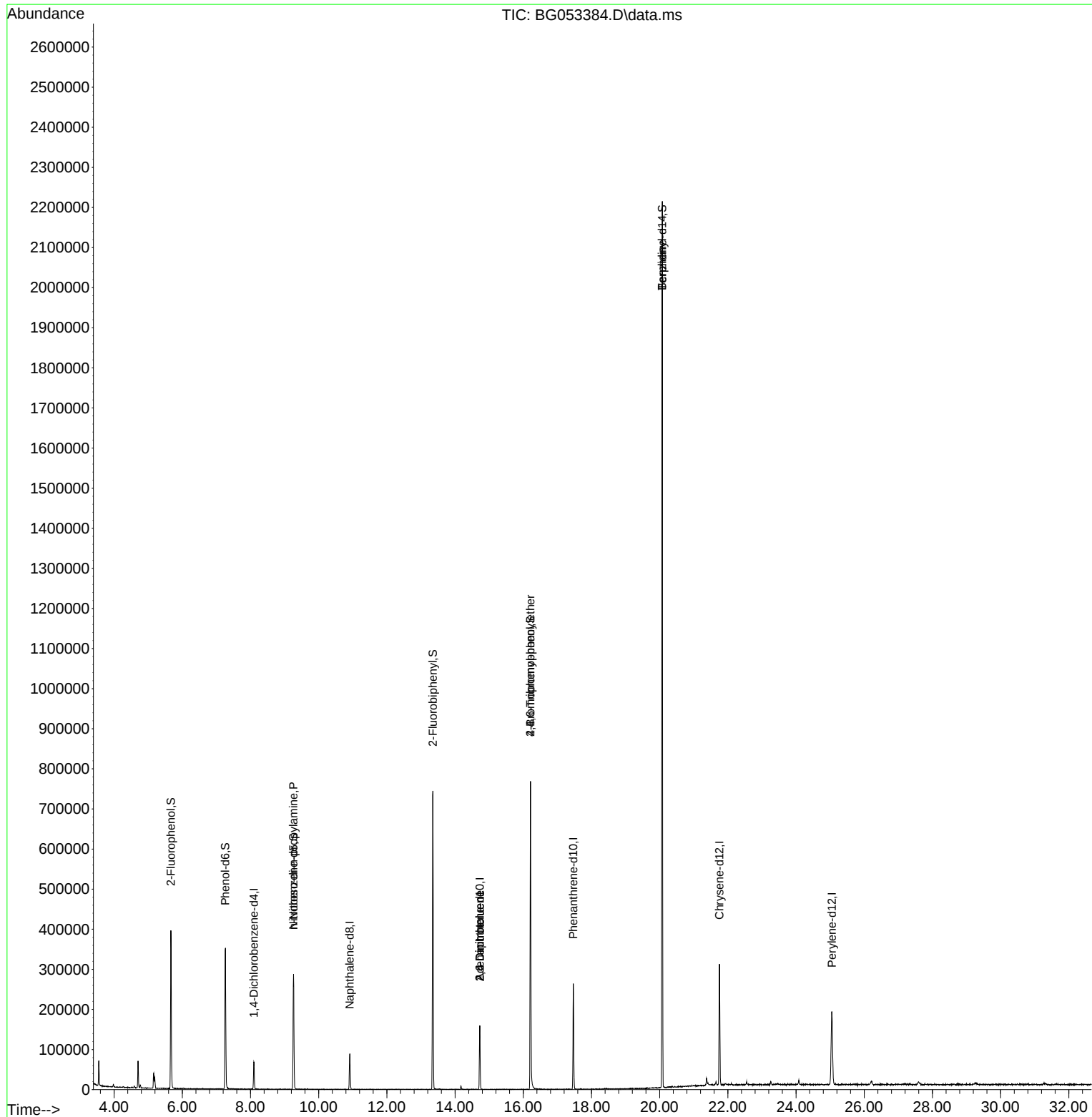
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	18832	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	73416	20.000	ng	# 0.00
39) Acenaphthene-d10	14.726	164	58377	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	169886	20.000	ng	-0.01
76) Chrysene-d12	21.752	240	205449	20.000	ng	-0.01
86) Perylene-d12	25.053	264	209375	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	162550	147.961	ng	0.00
7) Phenol-d6	7.259	99	208243	122.919	ng	-0.01
23) Nitrobenzene-d5	9.263	82	185156	102.402	ng	-0.01
42) 2,4,6-Tribromophenol	16.212	330	161452	173.837	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	407343	96.217	ng	0.00
79) Terphenyl-d14	20.077	244	1108462	91.122	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.263	70	25808	20.808	ng	# 75
51) 2,6-Dinitrotoluene	14.726	165	7224	7.416	ng	# 24
57) 2,4-Dinitrotoluene	14.726	165	7224	5.209	ng	# 22
67) 4-Bromophenyl-phenylether	16.212	248	10724	4.926	ng	# 1
77) Benzidine	20.077	184	19086	3.256	ng	# 90

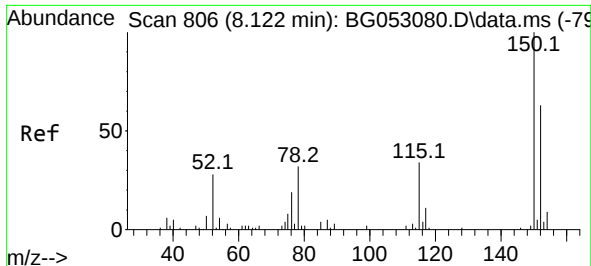
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
Data File : BG053384.D
Acq On : 29 Apr 2022 19:37
Operator : CG/JU
Sample : N2572-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-14D

Quant Time: May 02 01:03:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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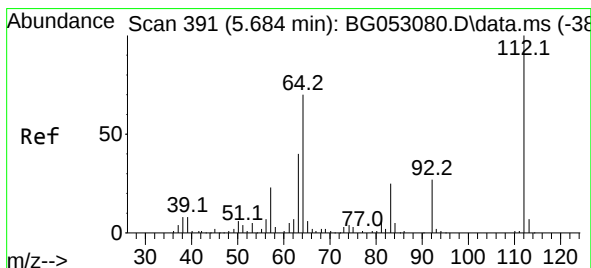
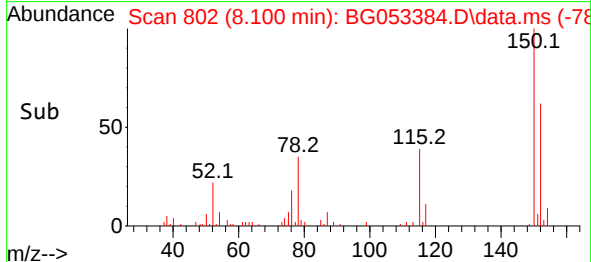
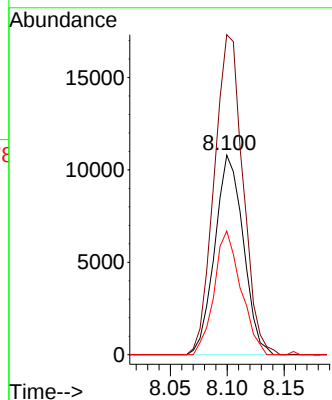
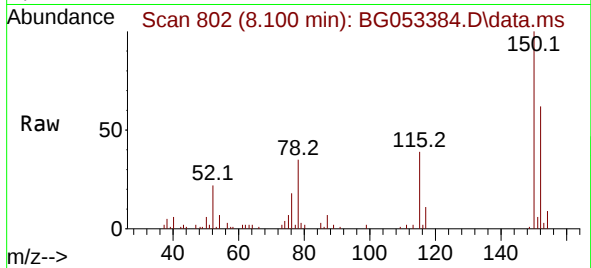




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.100 min Scan# 806
Delta R.T. -0.013 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

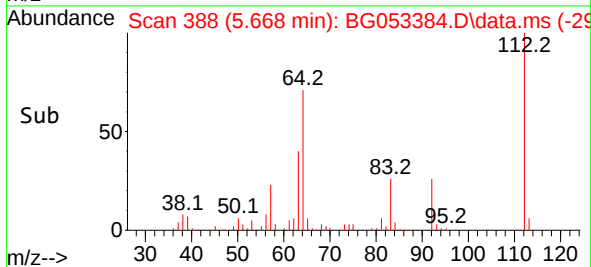
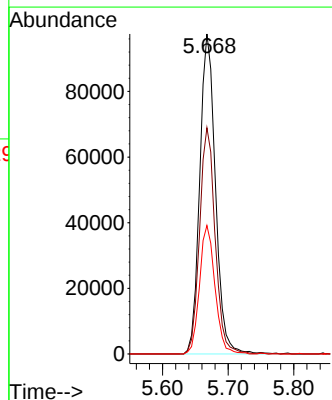
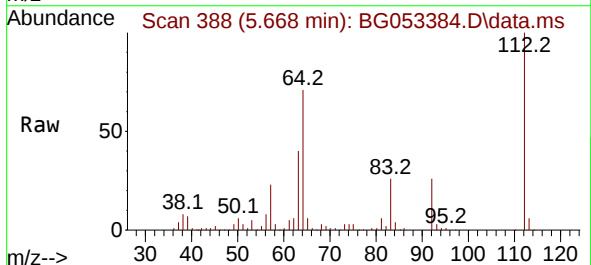
Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:152 Resp: 18832
Ion Ratio Lower Upper
152 100
150 160.4 114.6 172.0
115 62.0 45.9 68.9



#5
2-Fluorophenol
Concen: 147.961 ng
RT: 5.668 min Scan# 388
Delta R.T. -0.008 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:112 Resp: 162550
Ion Ratio Lower Upper
112 100
64 70.7 48.0 72.0
63 40.1 26.5 39.7#

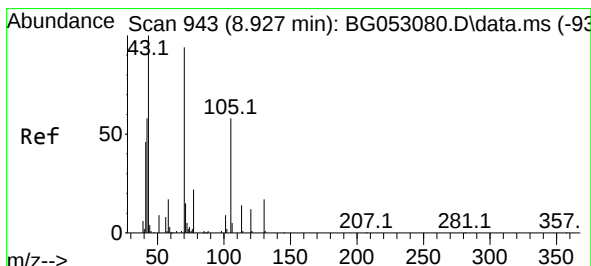
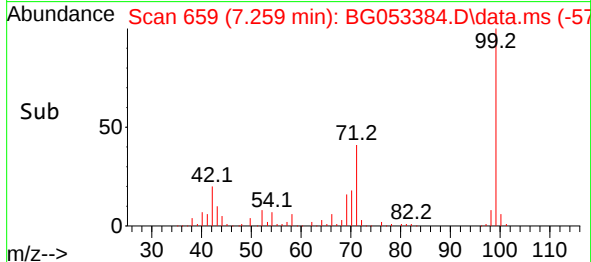
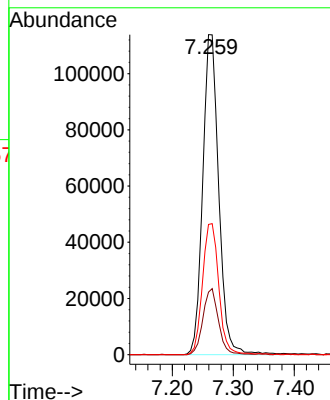
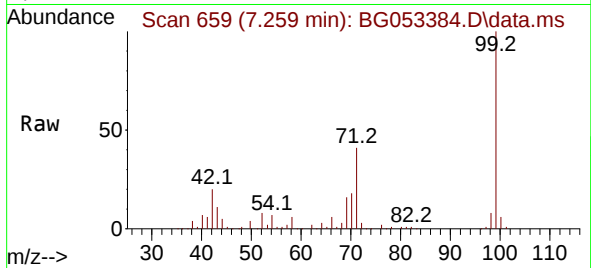




#7
Phenol-d6
Concen: 122.919 ng
RT: 7.259 min Scan# 61
Delta R.T. -0.014 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

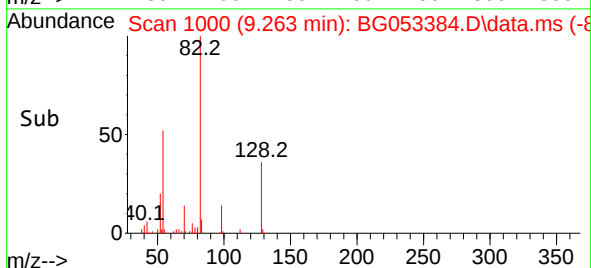
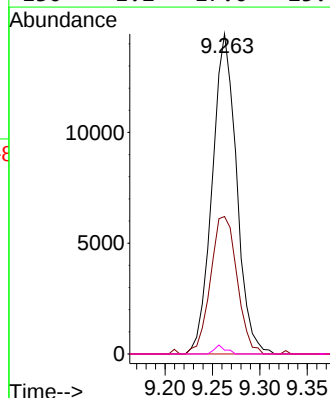
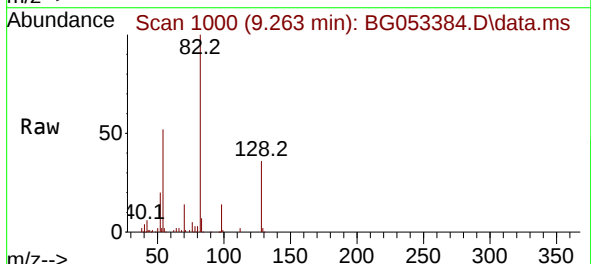
Instrument :
BNA_G
ClientSampleId :
MH-14D

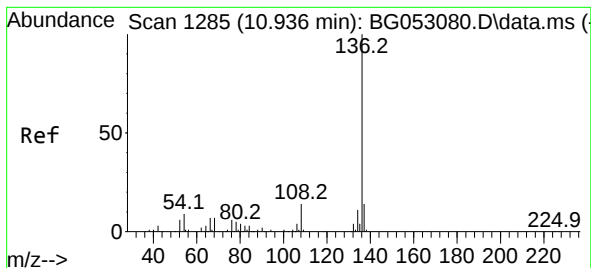
Tgt Ion: 99 Resp: 208243
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 40.7 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.808 ng
RT: 9.263 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion: 70 Resp: 25808
Ion Ratio Lower Upper
70 100
42 43.0 46.0 69.0#
101 0.0 6.2 9.4#
130 1.2 17.0 25.4#

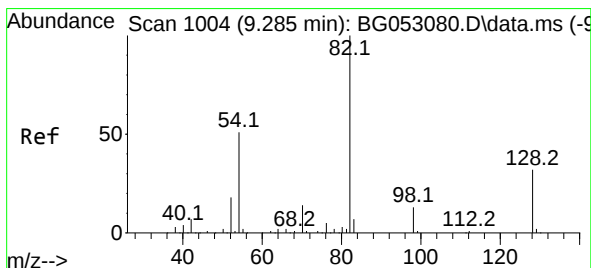
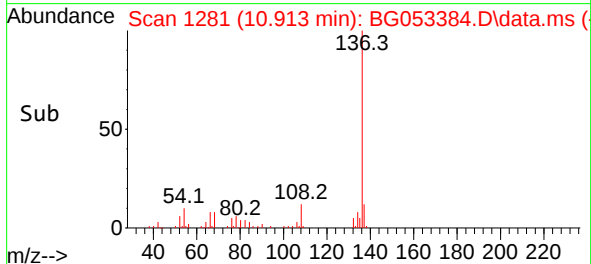
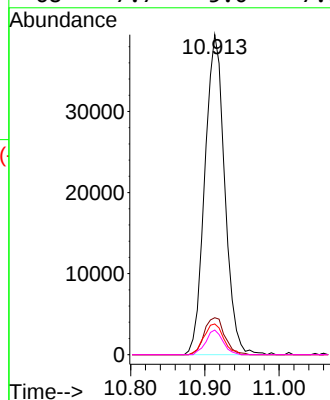
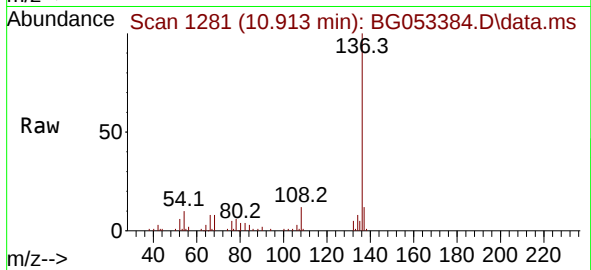




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

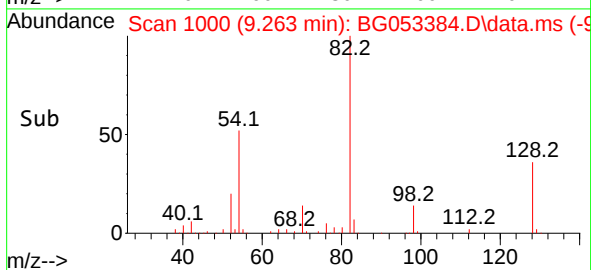
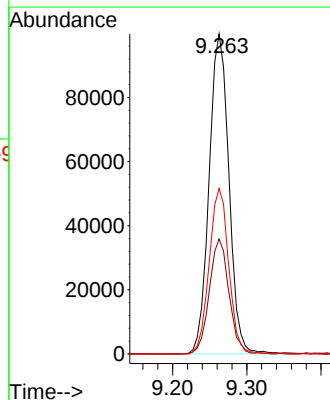
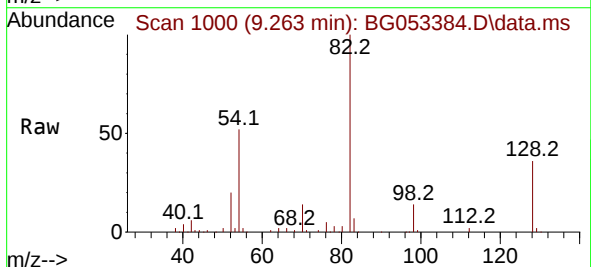
Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:	136	Resp:	73416
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.4	14.2
54	9.6	6.4	9.6#
68	7.7	5.0	7.6#



#23
Nitrobenzene-d5
Concen: 102.402 ng
RT: 9.263 min Scan# 1000
Delta R.T. -0.014 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:	82	Resp:	185156
Ion Ratio	Lower	Upper	
82	100		
128	36.0	31.3	46.9
54	51.7	37.8	56.8

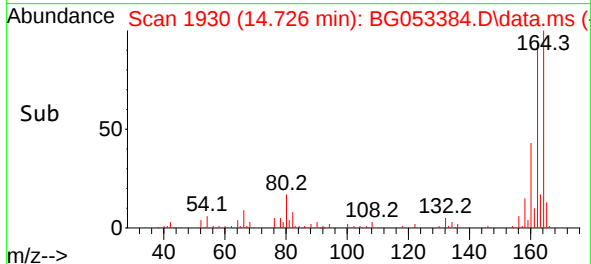
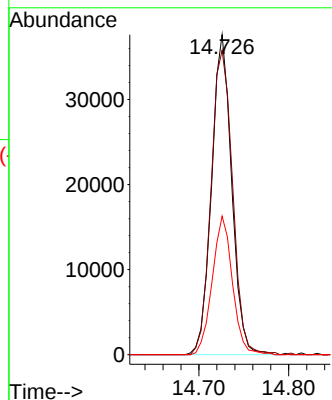
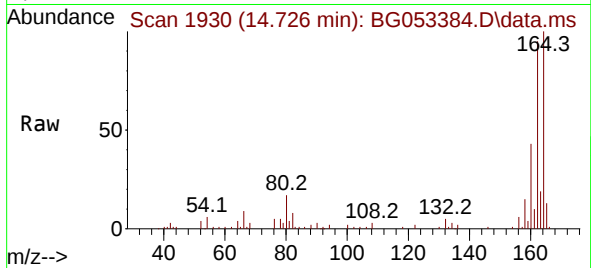




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

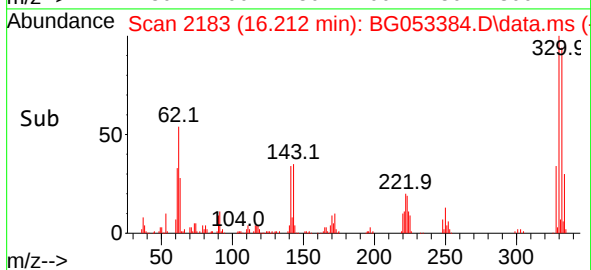
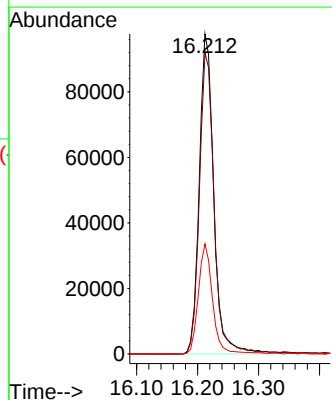
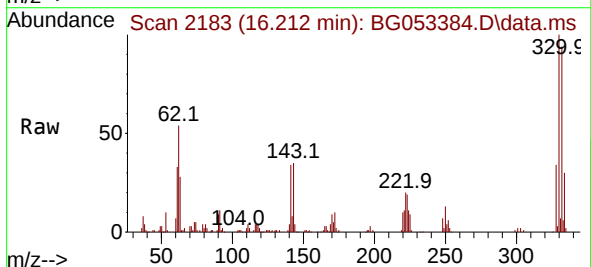
Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:164 Resp: 58377
Ion Ratio Lower Upper
164 100
162 95.2 80.0 120.0
160 43.3 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 173.837 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.014 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:330 Resp: 161452
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.6
141 33.7 24.6 36.8

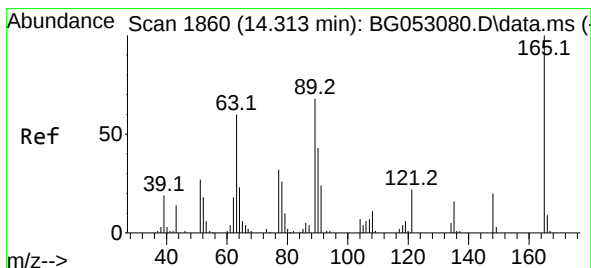
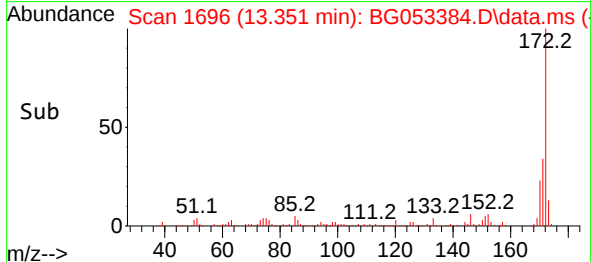
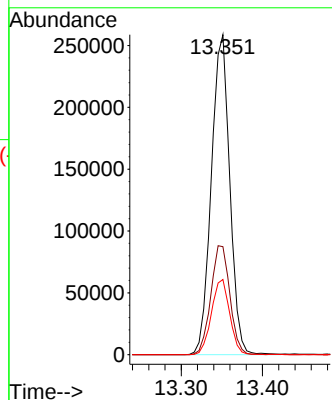
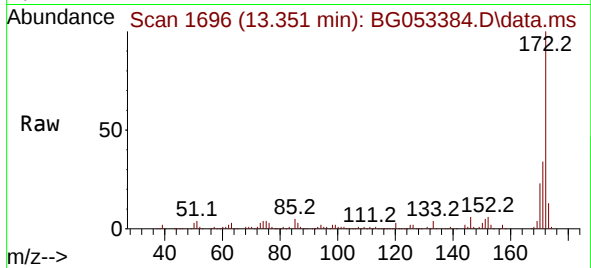




#45
2-Fluorobiphenyl
Concen: 96.217 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

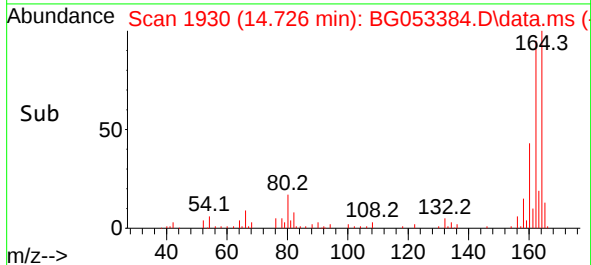
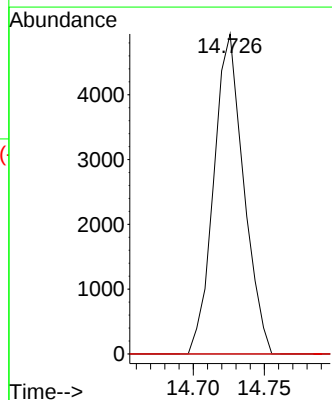
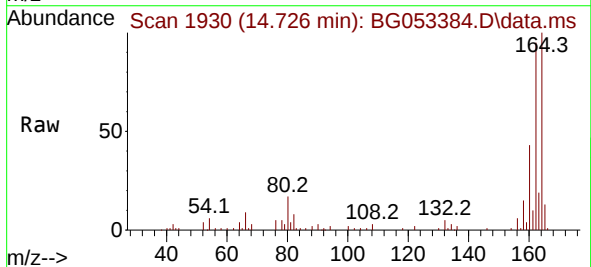
Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:172 Resp: 407343
Ion Ratio Lower Upper
172 100
171 33.7 28.3 42.5
170 23.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.416 ng
RT: 14.726 min Scan# 1930
Delta R.T. 0.421 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:165 Resp: 7224
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

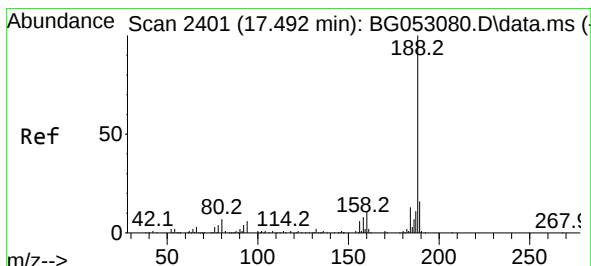
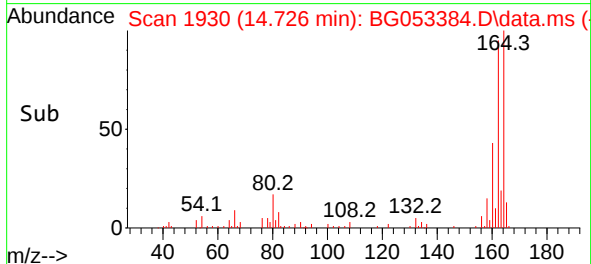
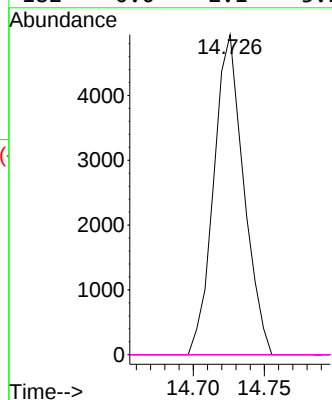
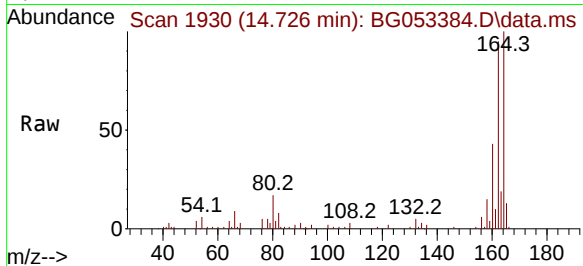




#57
2,4-Dinitrotoluene
Concen: 5.209 ng
RT: 14.726 min Scan# 1994
Delta R.T. -0.366 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

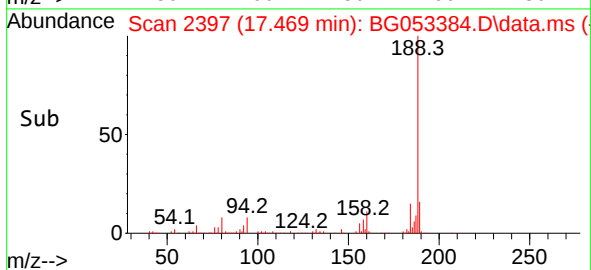
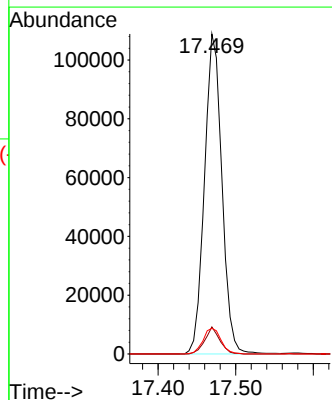
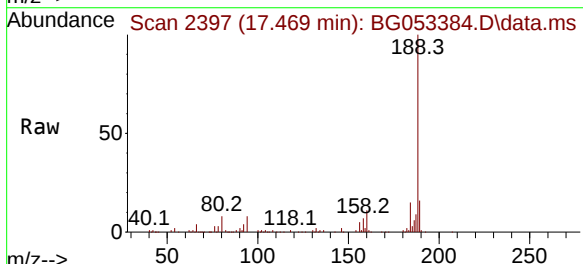
Instrument :
BNA_G
ClientSampleId :
MH-14D

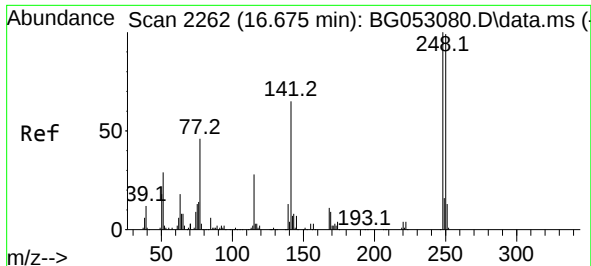
Tgt Ion:	165	Resp:	7224
Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.8	52.2#
89	0.0	57.4	86.0#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2397
Delta R.T. -0.014 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:	188	Resp:	169886
Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.7	8.5
80	8.0	7.2	10.8

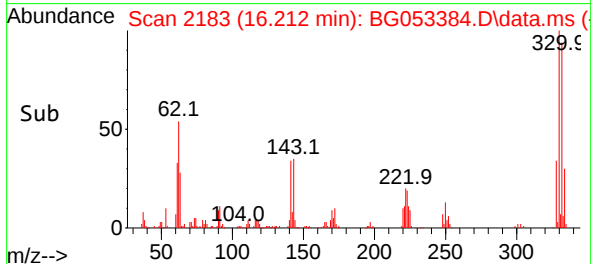
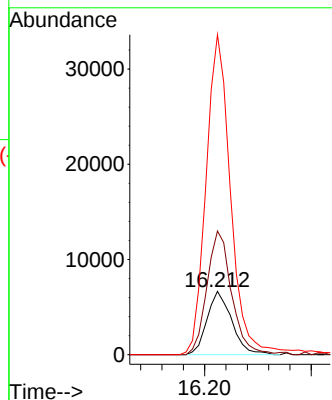
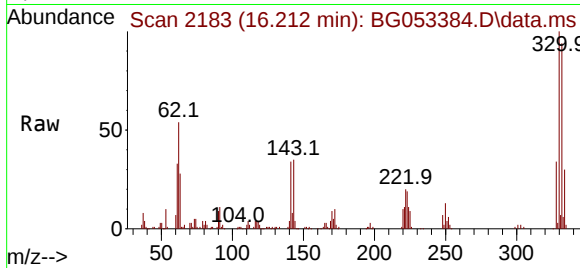




#67
4-Bromophenyl-phenylether
Concen: 4.926 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.449 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

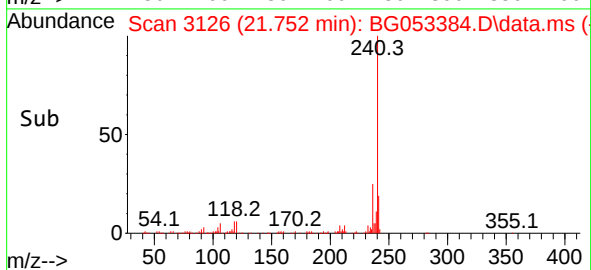
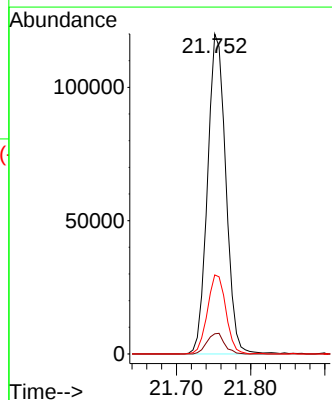
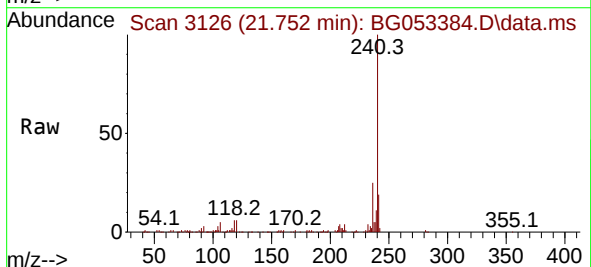
Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:248 Resp: 10724
Ion Ratio Lower Upper
248 100
250 195.5 77.9 116.9#
141 505.5 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3126
Delta R.T. -0.014 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:240 Resp: 205449
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 24.7 19.8 29.6

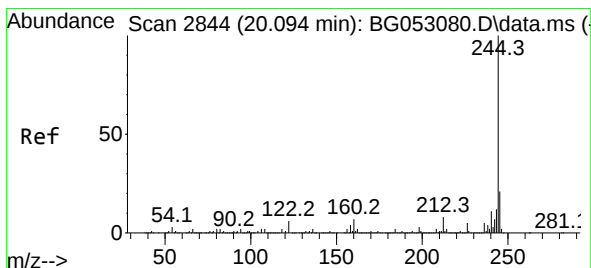
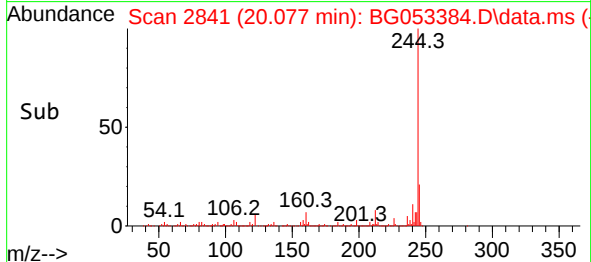
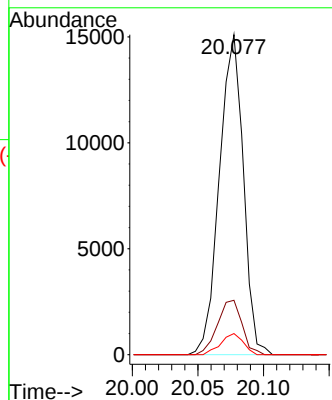
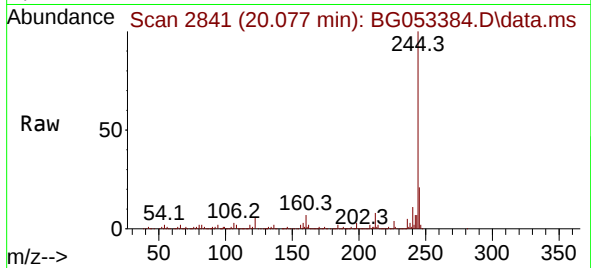




#77
Benzidine
Concen: 3.256 ng
RT: 20.077 min Scan# 2841
Delta R.T. 0.374 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

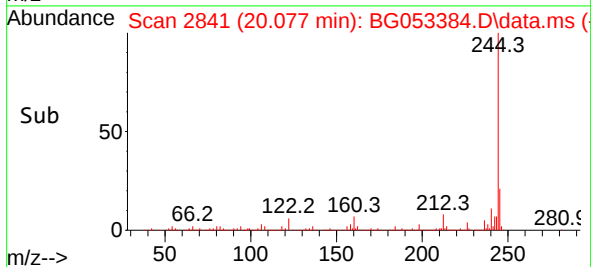
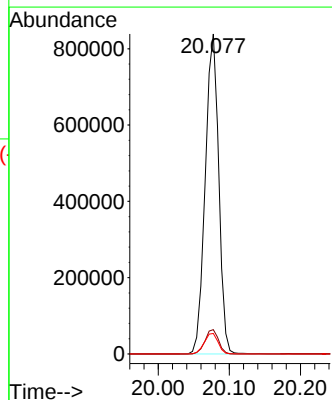
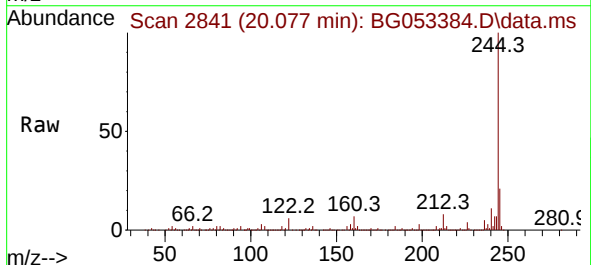
Instrument :
BNA_G
ClientSampleId :
MH-14D

Tgt Ion:184 Resp: 19086
Ion Ratio Lower Upper
184 100
185 17.0 11.5 17.3
183 6.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 91.122 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.008 min
Lab File: BG053384.D
Acq: 29 Apr 2022 19:37

Tgt Ion:244 Resp: 1108462
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.053 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG053384.D
 Acq: 29 Apr 2022 19:37

Instrument :
 BNA_G
 ClientSampleId :
 MH-14D

Tgt Ion:264 Resp: 209375
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 22.8 15.1 22.7#

