

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092222\
 Data File : BG055008.D
 Acq On : 22 Sep 2022 13:19
 Operator : CG/JU
 Sample : PB147786BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147786BL

Quant Time: Sep 23 03:26:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

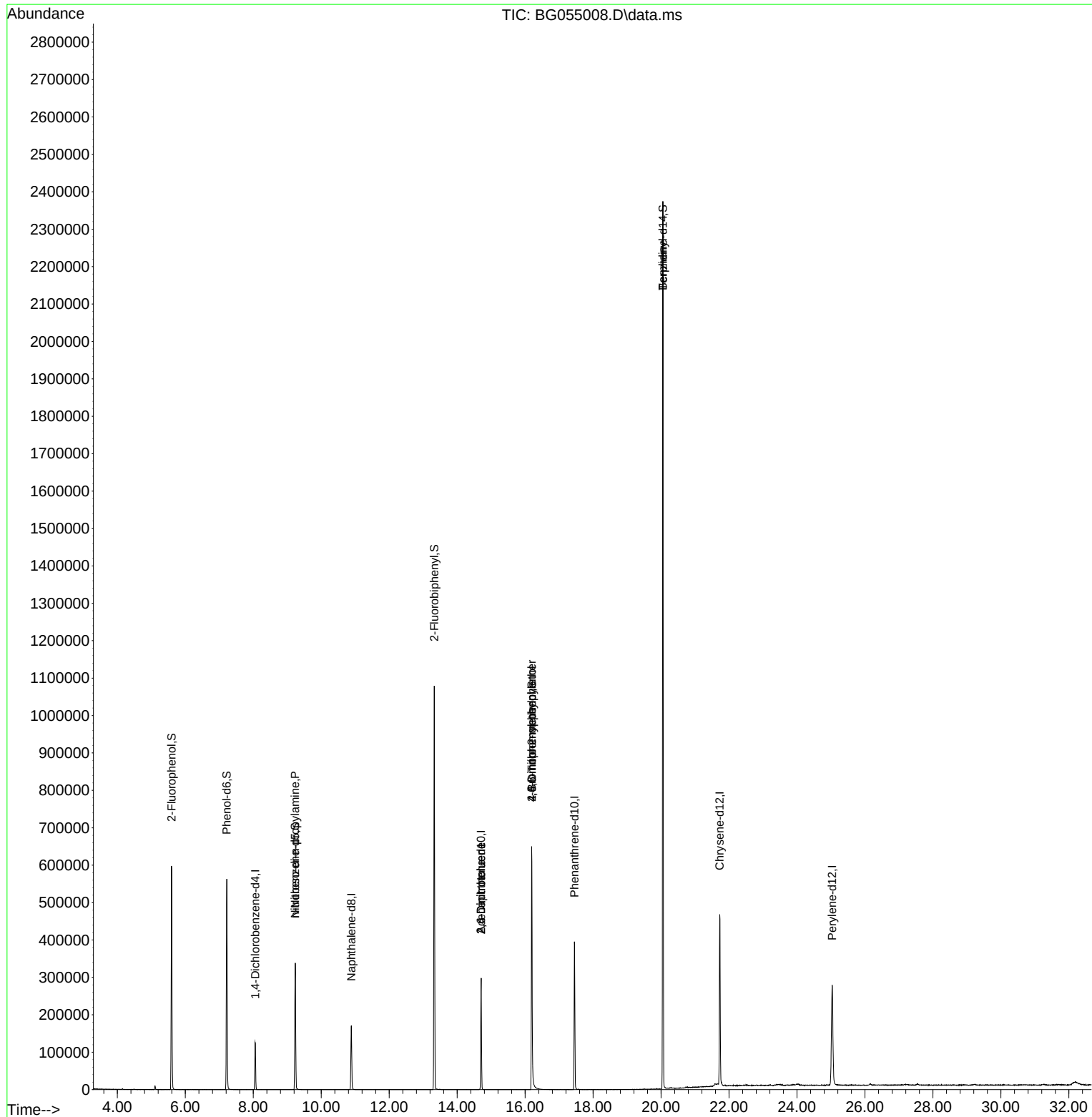
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	40732	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	163253	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	111785	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	277413	20.000	ng	0.00
76) Chrysene-d12	21.725	240	308886	20.000	ng	0.00
86) Perylene-d12	25.033	264	323624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.591	112	307640	147.784	ng	0.00
7) Phenol-d6	7.219	99	385498	138.160	ng	0.00
23) Nitrobenzene-d5	9.234	82	223295	79.279	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	172664	131.849	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	597369	84.219	ng	0.00
79) Terphenyl-d14	20.051	244	1218597	82.525	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.234	70	27231	14.179	ng	# 76
51) 2,6-Dinitrotoluene	14.704	165	14311	7.952	ng	# 20
57) 2,4-Dinitrotoluene	14.704	165	14311	5.590	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.191	198	330	5.199	ng	# 1
67) 4-Bromophenyl-phenylether	16.191	248	10536	3.444	ng	# 1
77) Benzidine	20.051	184	16649	2.176	ng	# 90

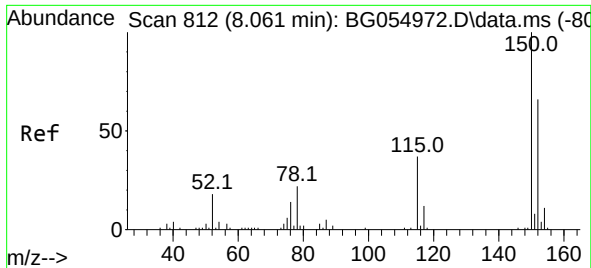
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092222\
Data File : BG055008.D
Acq On : 22 Sep 2022 13:19
Operator : CG/JU
Sample : PB147786BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB147786BL

Quant Time: Sep 23 03:26:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 17:41:40 2022
Response via : Initial Calibration

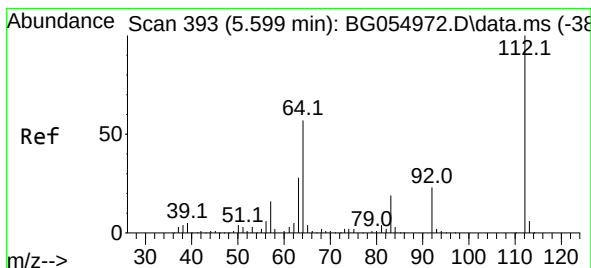
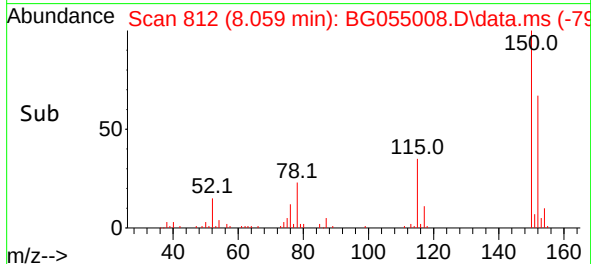
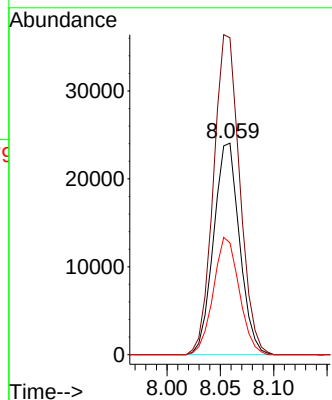
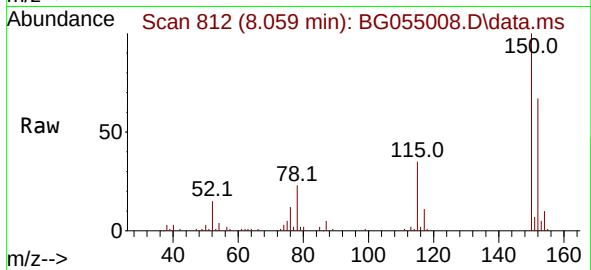




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

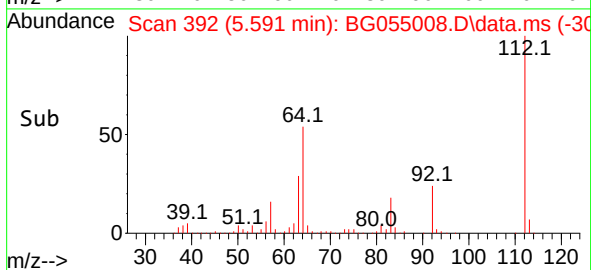
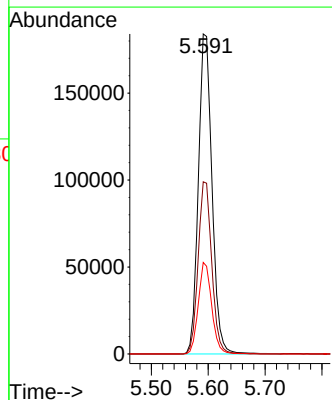
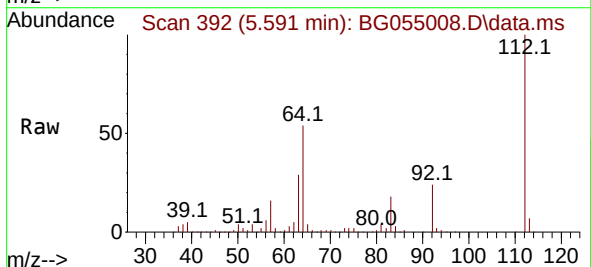
Instrument :
BNA_G
ClientSampleId :
PB147786BL

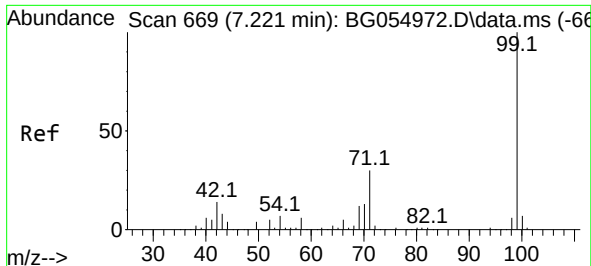
Tgt Ion:152 Resp: 40732
Ion Ratio Lower Upper
152 100
150 149.8 125.2 187.8
115 52.8 47.9 71.9



#5
2-Fluorophenol
Concen: 147.784 ng
RT: 5.591 min Scan# 392
Delta R.T. -0.008 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

Tgt Ion:112 Resp: 307640
Ion Ratio Lower Upper
112 100
64 53.8 49.3 73.9
63 28.6 26.3 39.5

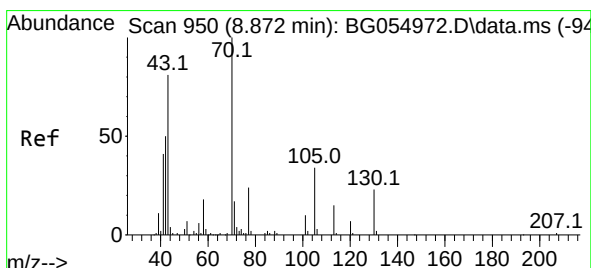
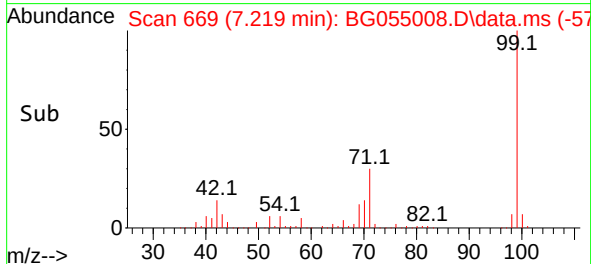
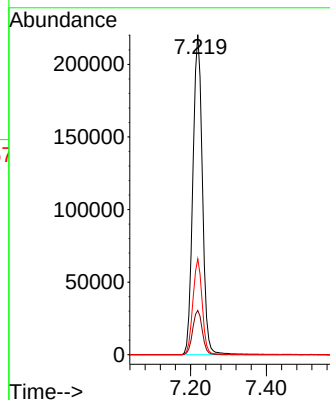
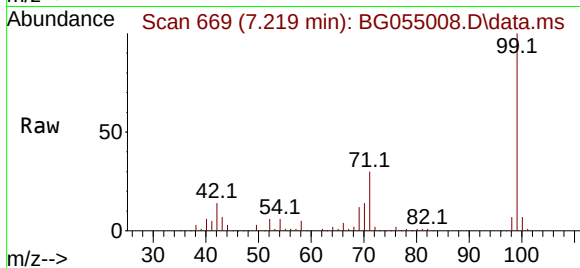




#7
Phenol-d6
Concen: 138.160 ng
RT: 7.219 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

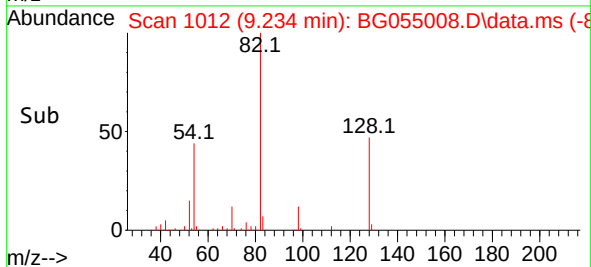
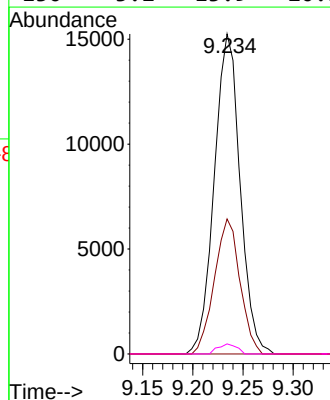
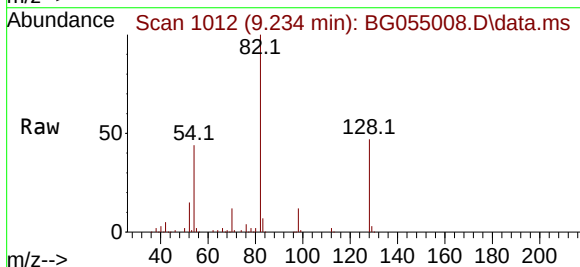
Instrument :
BNA_G
ClientSampleId :
PB147786BL

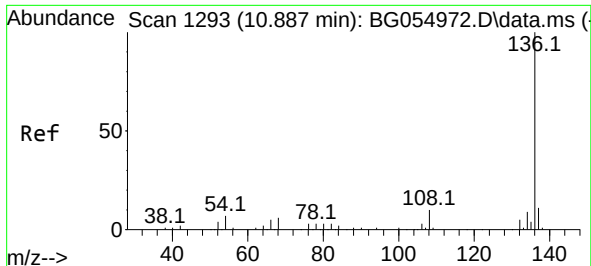
Tgt Ion: 99 Resp: 385498
Ion Ratio Lower Upper
99 100
42 13.8 14.6 22.0#
71 29.9 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.179 ng
RT: 9.234 min Scan# 1012
Delta R.T. 0.363 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

Tgt Ion: 70 Resp: 27231
Ion Ratio Lower Upper
70 100
42 42.2 46.6 69.8#
101 0.0 7.7 11.5#
130 3.2 13.9 20.9#

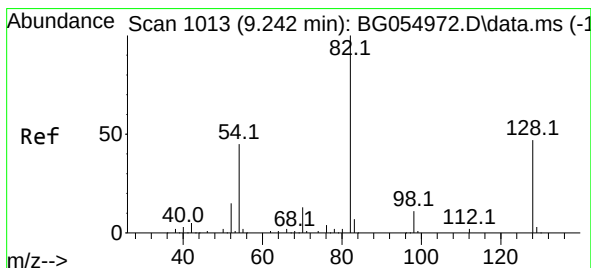
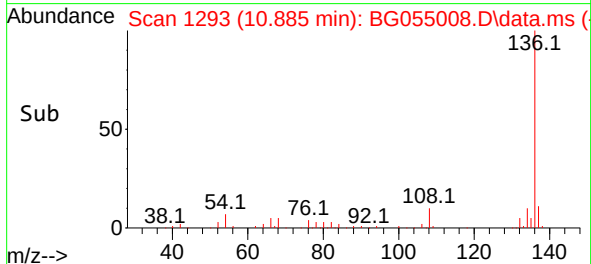
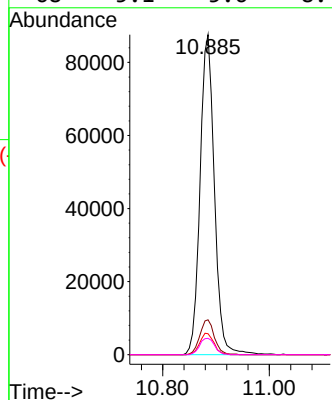
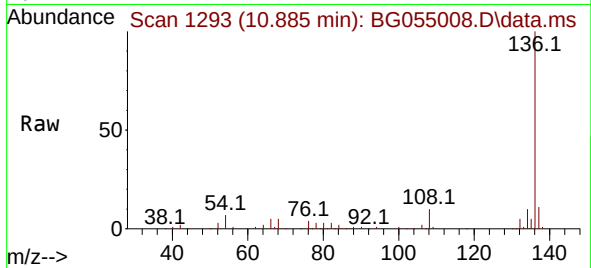




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1012
Delta R.T. -0.002 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

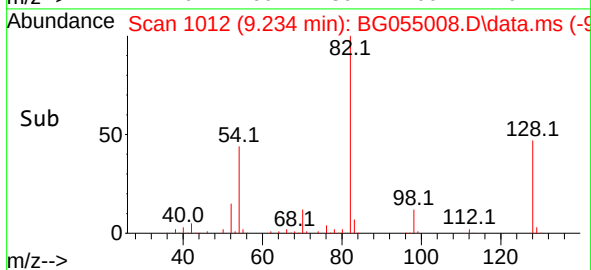
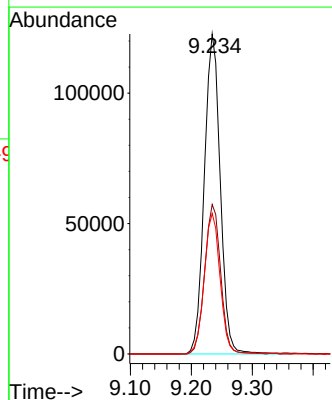
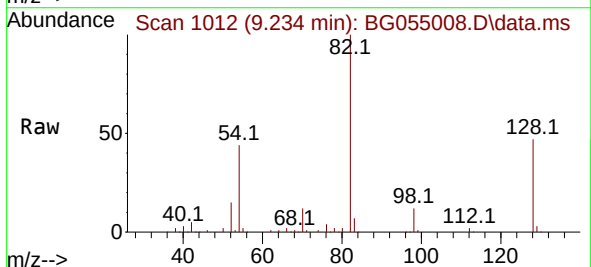
Instrument :
BNA_G
ClientSampleId :
PB147786BL

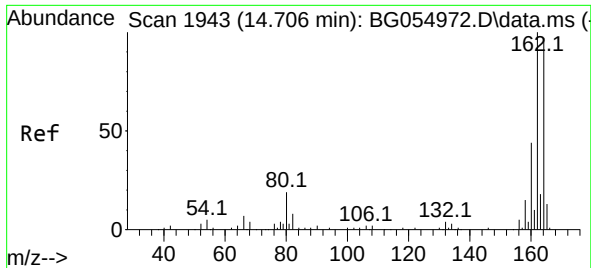
Tgt Ion:136 Resp: 163253
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.6 7.7 11.5#
68 5.1 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 79.279 ng
RT: 9.234 min Scan# 1012
Delta R.T. -0.008 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

Tgt Ion: 82 Resp: 223295
Ion Ratio Lower Upper
82 100
128 46.7 32.2 48.2
54 43.9 41.4 62.0

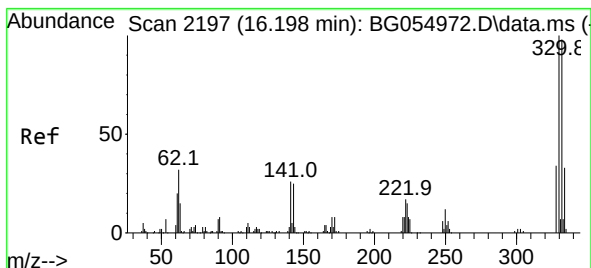
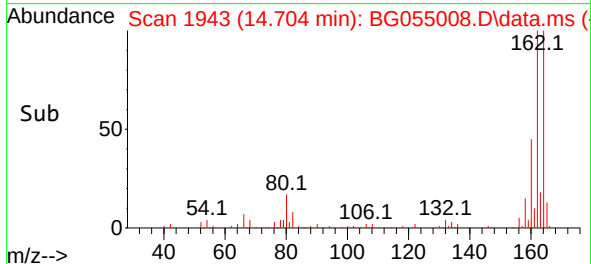
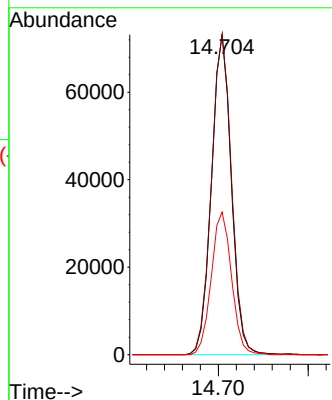
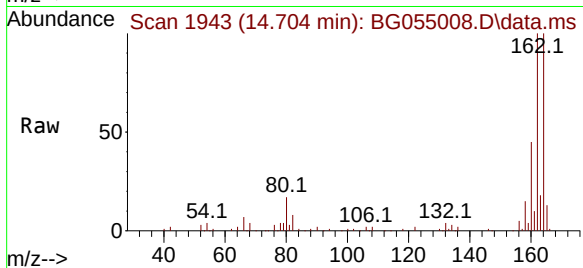




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1943
Delta R.T. -0.002 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

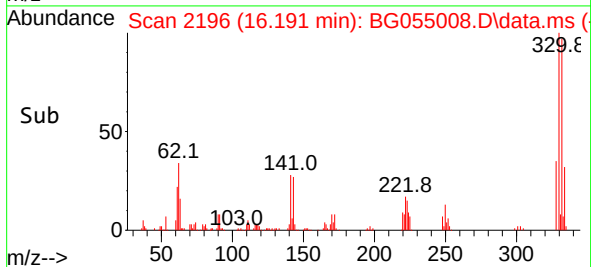
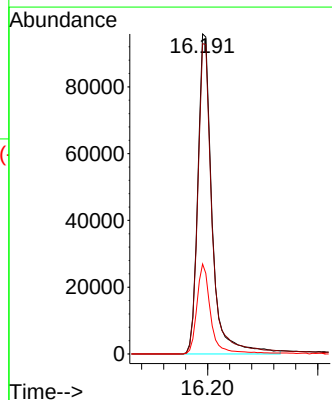
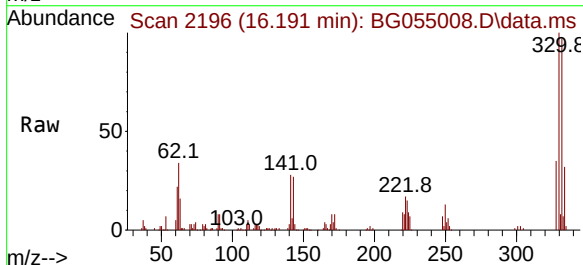
Instrument :
BNA_G
ClientSampleId :
PB147786BL

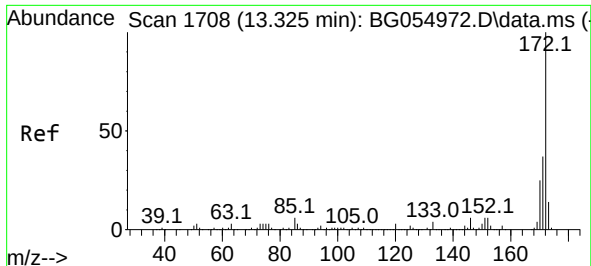
Tgt Ion:164 Resp: 111785
Ion Ratio Lower Upper
164 100
162 100.0 83.0 124.4
160 44.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 131.849 ng
RT: 16.191 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

Tgt Ion:330 Resp: 172664
Ion Ratio Lower Upper
330 100
332 100.0 79.8 119.6
141 27.4 26.8 40.2

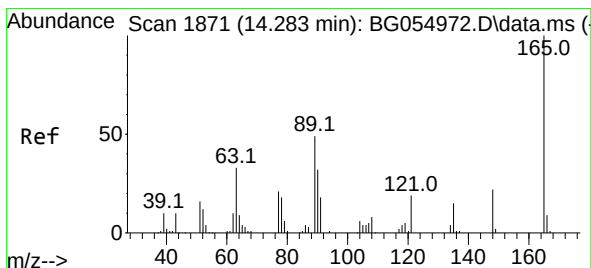
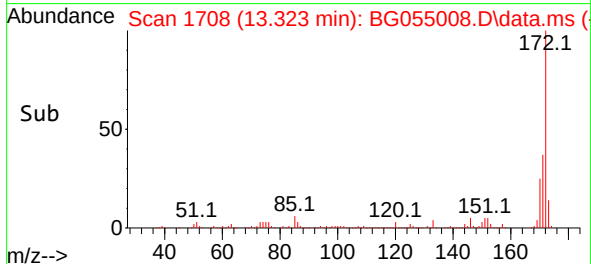
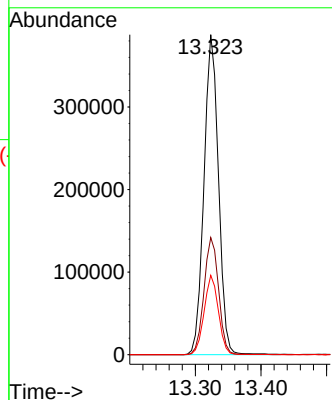
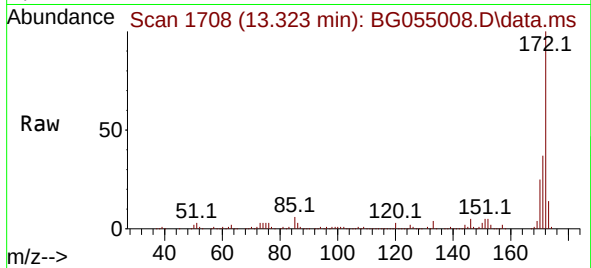




#45
2-Fluorobiphenyl
Concen: 84.219 ng
RT: 13.323 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

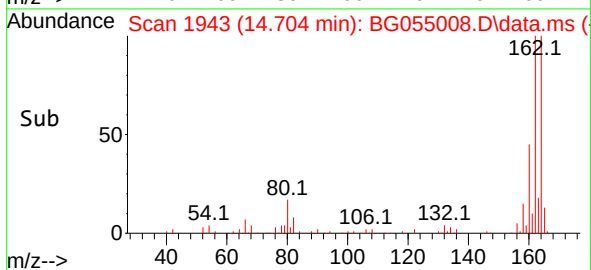
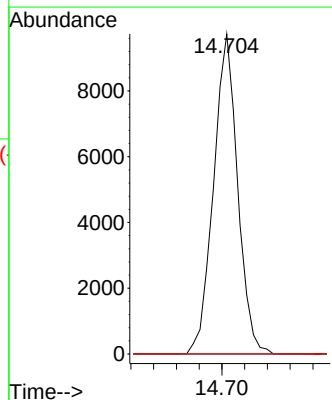
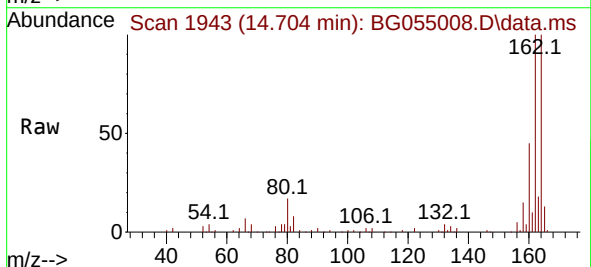
Instrument :
BNA_G
ClientSampleId :
PB147786BL

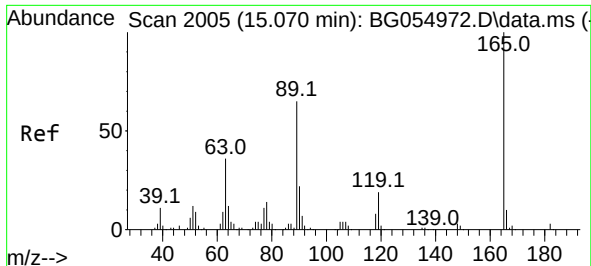
Tgt Ion:172 Resp: 597369
Ion Ratio Lower Upper
172 100
171 36.6 31.2 46.8
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.952 ng
RT: 14.704 min Scan# 1943
Delta R.T. 0.421 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

Tgt Ion:165 Resp: 14311
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.590 ng

RT: 14.704 min Scan# 1943

Delta R.T. -0.366 min

Lab File: BG055008.D

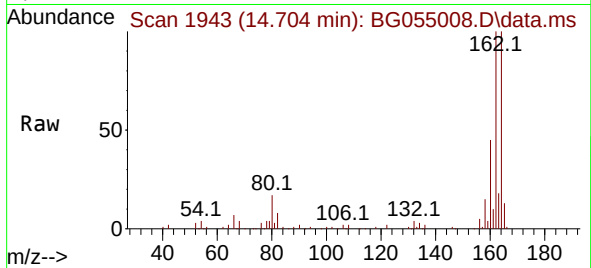
Acq: 22 Sep 2022 13:19

Instrument :

BNA_G

ClientSampleId :

PB147786BL



Tgt Ion:165 Resp: 14311

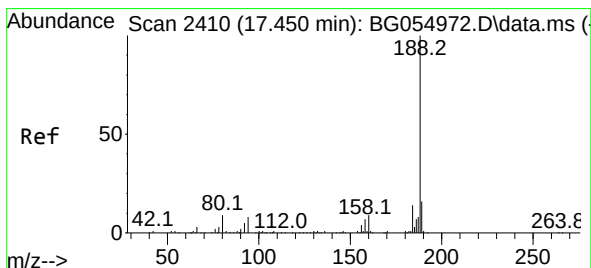
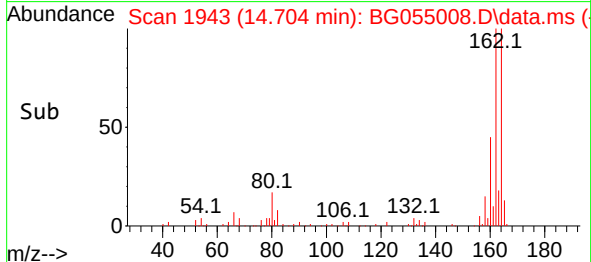
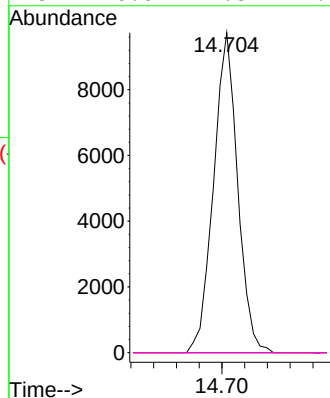
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.448 min Scan# 2410

Delta R.T. -0.002 min

Lab File: BG055008.D

Acq: 22 Sep 2022 13:19

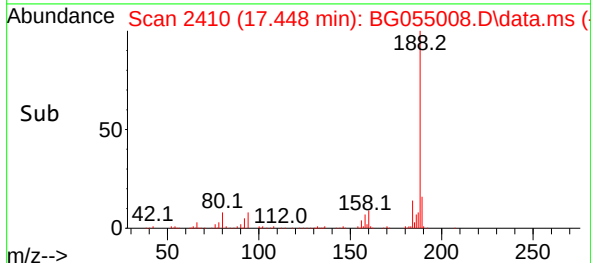
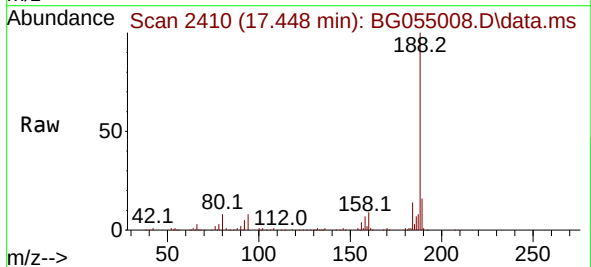
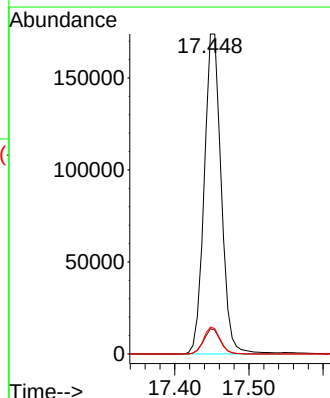
Tgt Ion:188 Resp: 277413

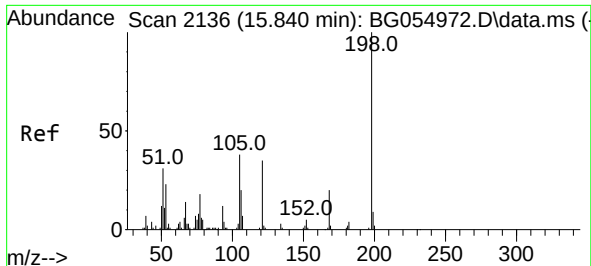
Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

80 8.4 7.9 11.9

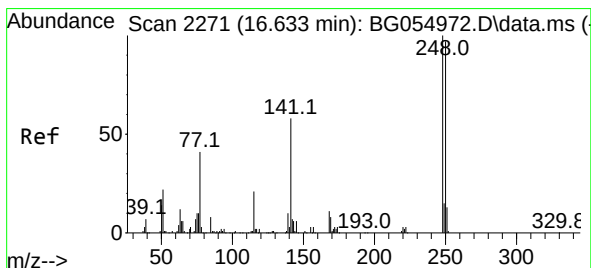
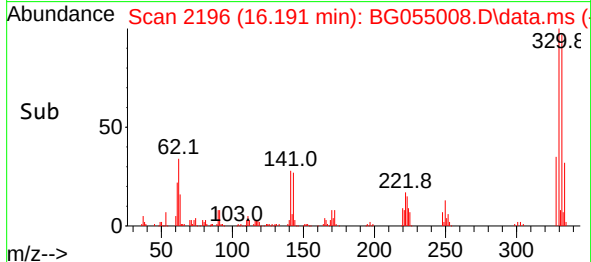
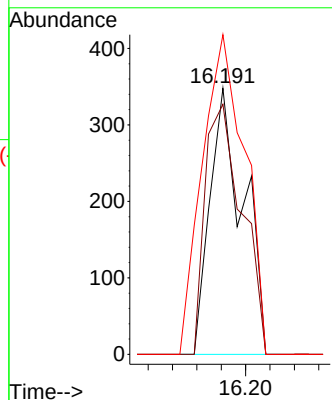
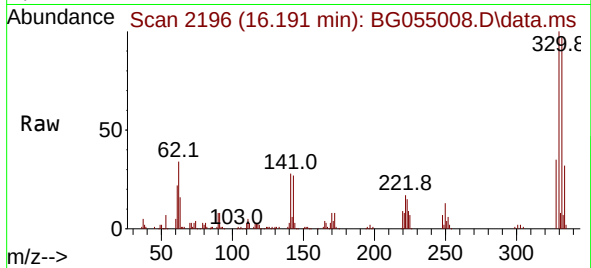




#65
4,6-Dinitro-2-methylphenol
Concen: 5.199 ng
RT: 16.191 min Scan# 2196
Delta R.T. 0.351 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

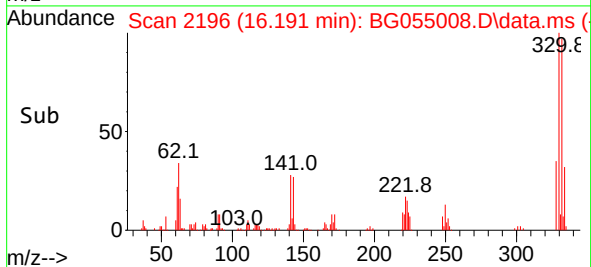
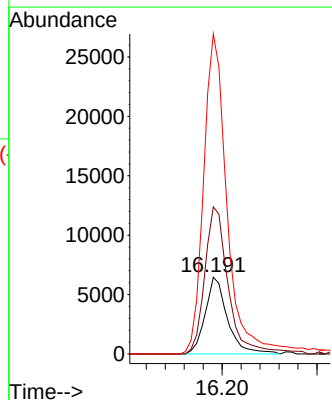
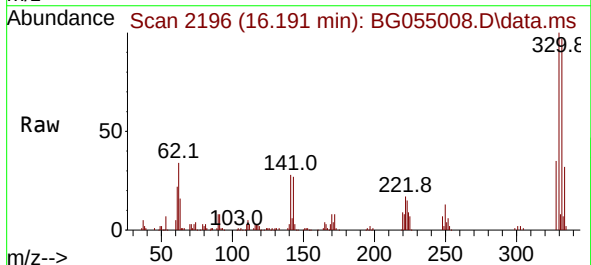
Instrument :
BNA_G
ClientSampleId :
PB147786BL

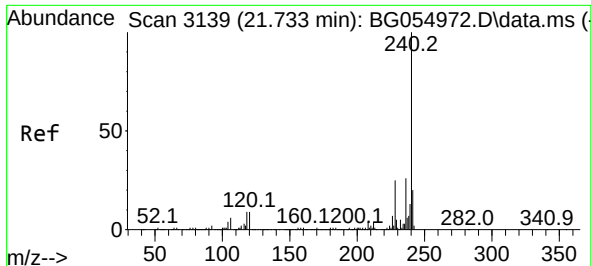
Tgt Ion:198 Resp: 330
Ion Ratio Lower Upper
198 100
51 94.0 19.9 59.9#
105 120.1 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.444 ng
RT: 16.191 min Scan# 2196
Delta R.T. -0.442 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

Tgt Ion:248 Resp: 10536
Ion Ratio Lower Upper
248 100
250 191.5 78.8 118.2#
141 416.8 51.9 77.9#

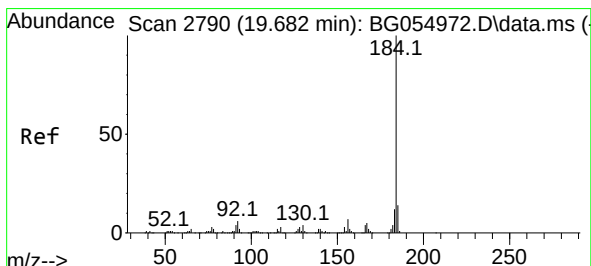
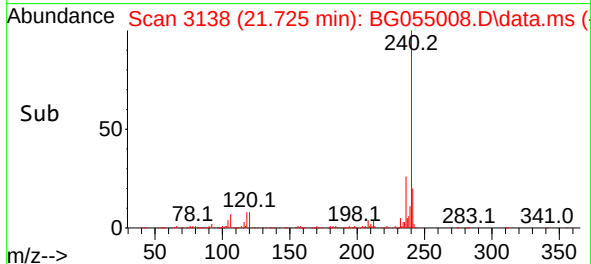
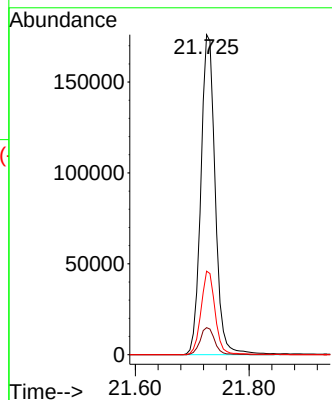
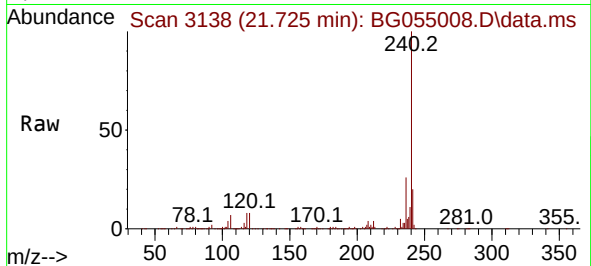




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

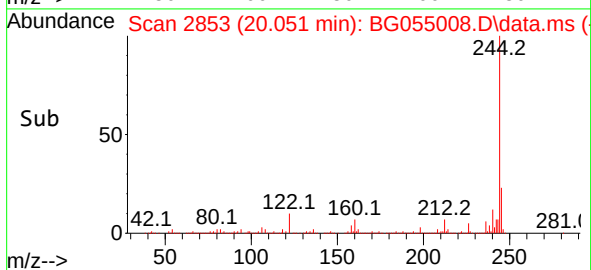
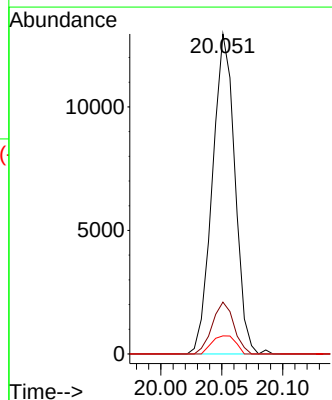
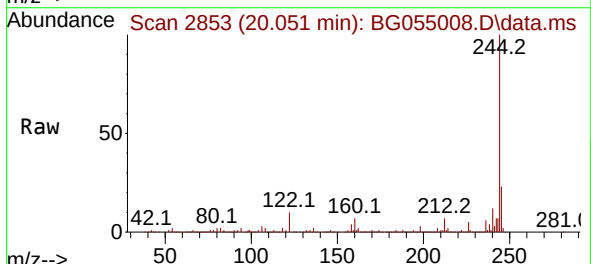
Instrument :
BNA_G
ClientSampleId :
PB147786BL

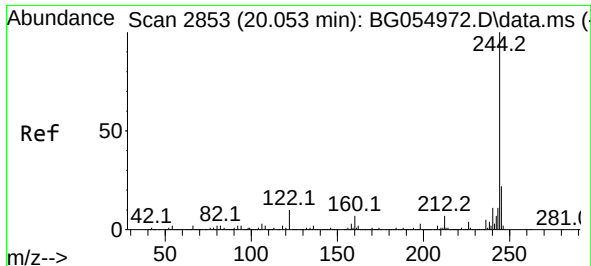
Tgt Ion:240 Resp: 308886
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.4
236 26.1 21.2 31.8



#77
Benzidine
Concen: 2.176 ng
RT: 20.051 min Scan# 2853
Delta R.T. 0.368 min
Lab File: BG055008.D
Acq: 22 Sep 2022 13:19

Tgt Ion:184 Resp: 16649
Ion Ratio Lower Upper
184 100
185 16.2 11.4 17.0
183 5.7 9.8 14.8#

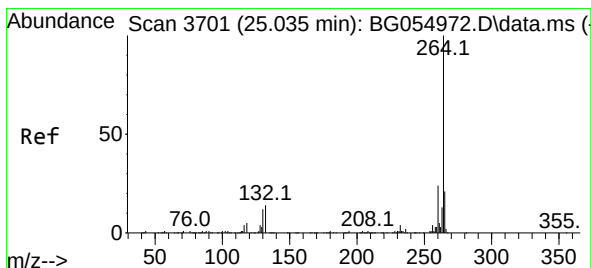
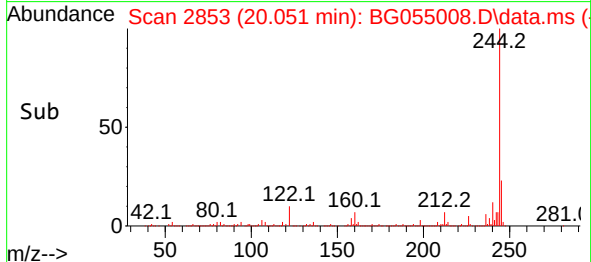
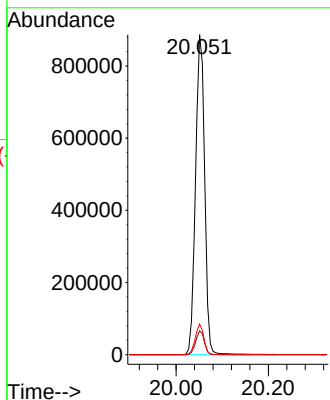
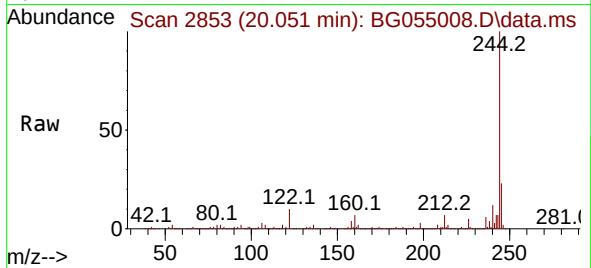




#79
 Terphenyl-d14
 Concen: 82.525 ng
 RT: 20.051 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055008.D
 Acq: 22 Sep 2022 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB147786BL

Tgt Ion:244 Resp: 1218597
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.5 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.033 min Scan# 3701
 Delta R.T. -0.002 min
 Lab File: BG055008.D
 Acq: 22 Sep 2022 13:19

Tgt Ion:264 Resp: 323624
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.9 29.9
 265 21.8 16.9 25.3

