

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG055000.D
 Acq On : 21 Sep 2022 19:23
 Operator : CG/JU
 Sample : N4723-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11-COMP

Quant Time: Sep 22 04:43:53 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)

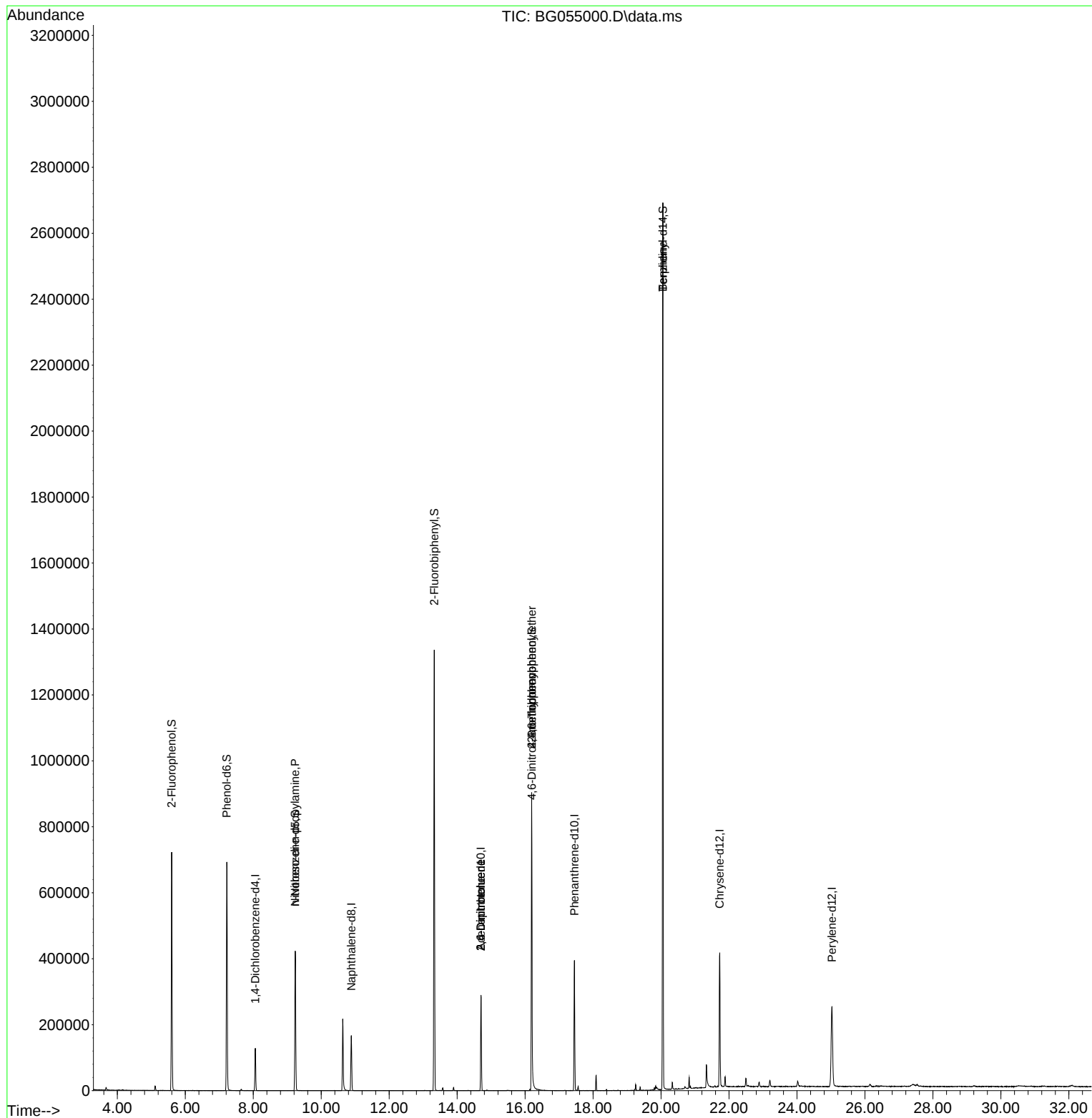
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	40546	20.000	ng	0.00
21) Naphthalene-d8	10.886	136	158083	20.000	ng	# 0.00
39) Acenaphthene-d10	14.699	164	109747	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	265072	20.000	ng	0.00
76) Chrysene-d12	21.726	240	273755	20.000	ng	0.00
86) Perylene-d12	25.028	264	284870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	356732	172.153	ng	0.00
7) Phenol-d6	7.219	99	467286	168.240	ng	0.00
23) Nitrobenzene-d5	9.235	82	270782	99.283	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	221270	172.103	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	730581	104.912	ng	0.00
79) Terphenyl-d14	20.051	244	1371567	104.804	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.235	70	33739	17.649	ng	# 76
51) 2,6-Dinitrotoluene	14.699	165	14337	8.114	ng	# 20
57) 2,4-Dinitrotoluene	14.699	165	14337	5.705	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.197	198	484	5.311	ng	# 10
67) 4-Bromophenyl-phenylether	16.191	248	13555	4.637	ng	# 1
77) Benzidine	20.051	184	19830	2.924	ng	# 92

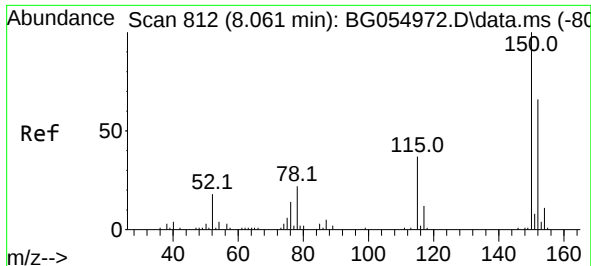
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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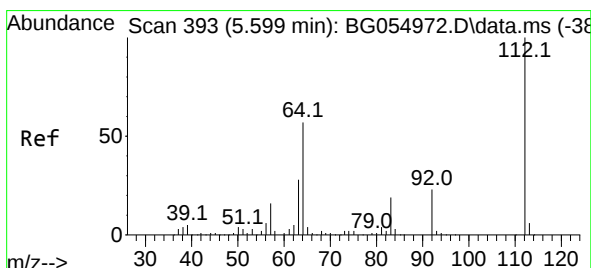
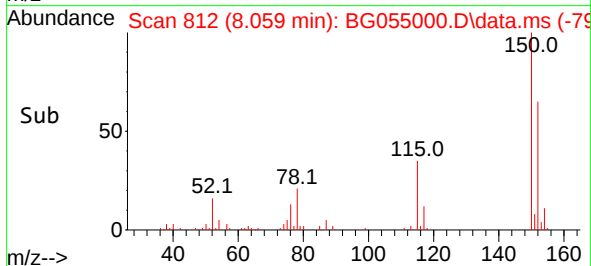
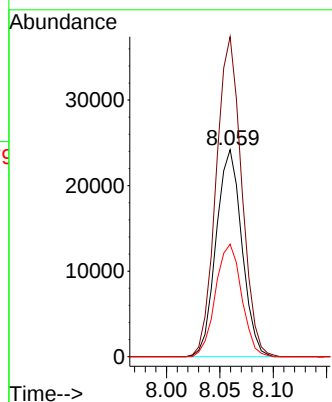
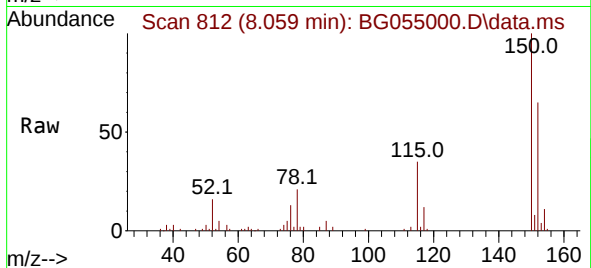




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

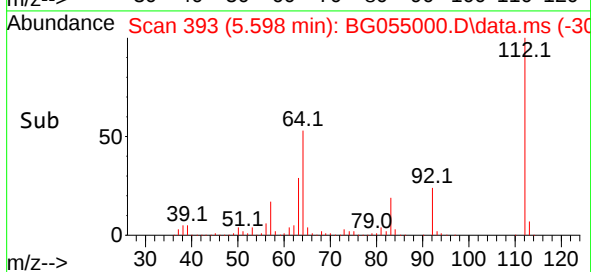
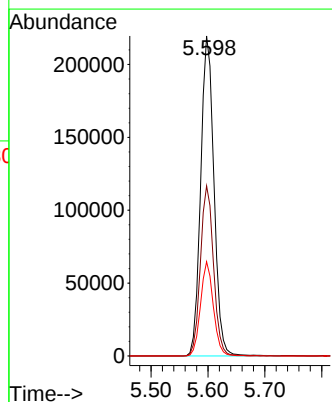
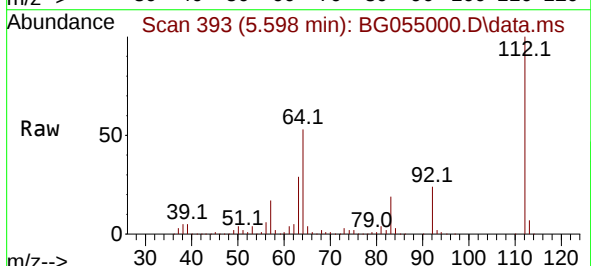
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

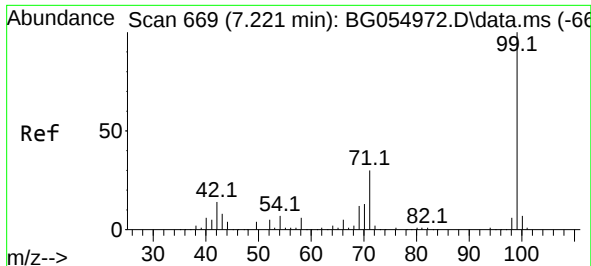
Tgt Ion:152 Resp: 40546
Ion Ratio Lower Upper
152 100
150 154.5 125.2 187.8
115 54.3 47.9 71.9



#5
2-Fluorophenol
Concen: 172.153 ng
RT: 5.598 min Scan# 393
Delta R.T. -0.001 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

Tgt Ion:112 Resp: 356732
Ion Ratio Lower Upper
112 100
64 53.1 49.3 73.9
63 29.5 26.3 39.5

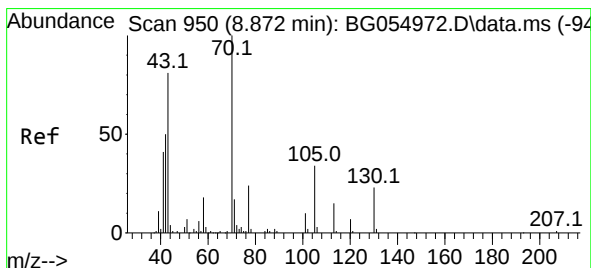
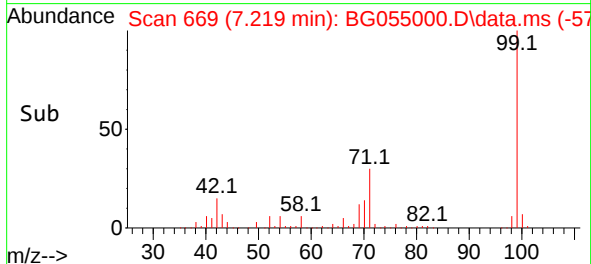
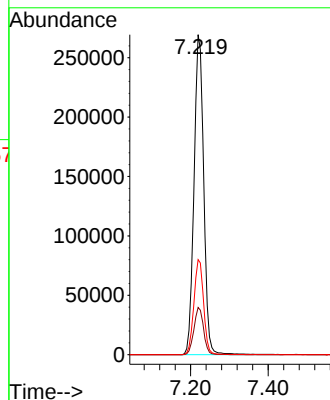
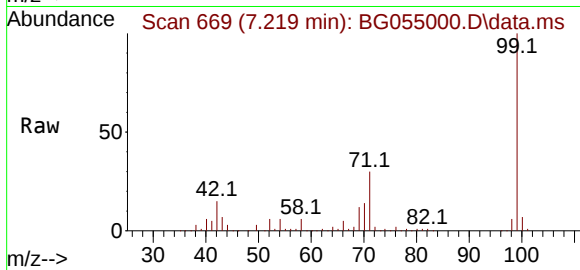




#7
Phenol-d6
Concen: 168.240 ng
RT: 7.219 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

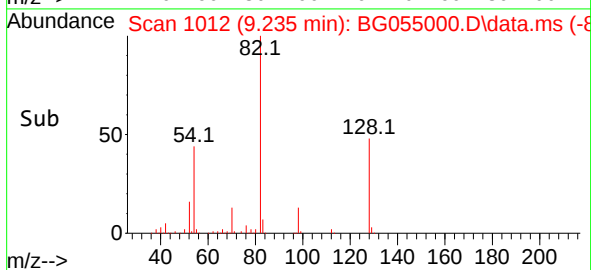
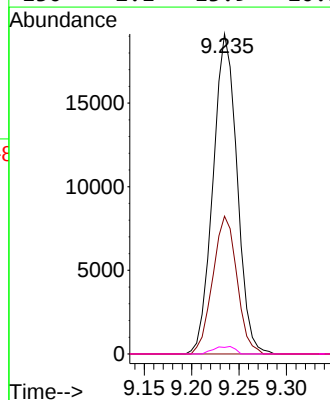
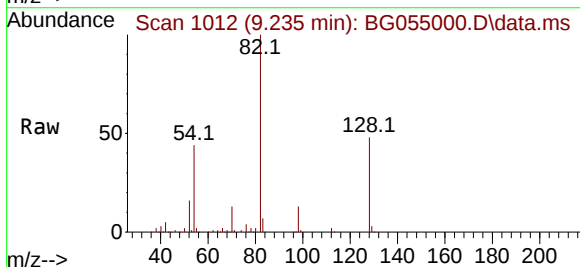
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

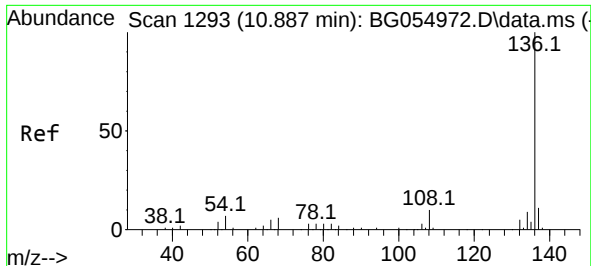
Tgt Ion: 99 Resp: 467286
Ion Ratio Lower Upper
99 100
42 14.7 14.6 22.0
71 29.7 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.649 ng
RT: 9.235 min Scan# 1012
Delta R.T. 0.363 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

Tgt Ion: 70 Resp: 33739
Ion Ratio Lower Upper
70 100
42 43.0 46.6 69.8#
101 0.0 7.7 11.5#
130 2.1 13.9 20.9#

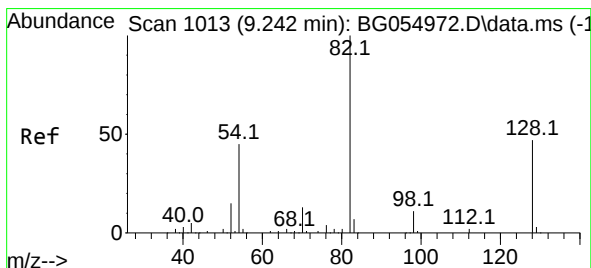
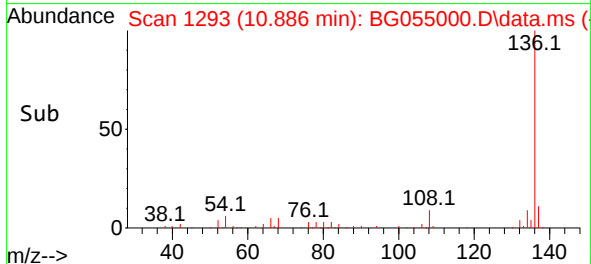
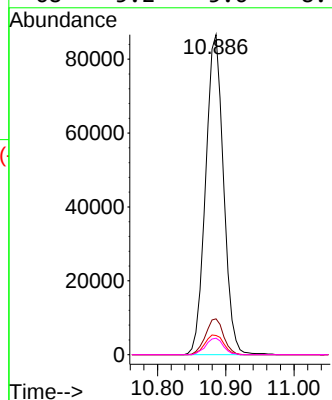
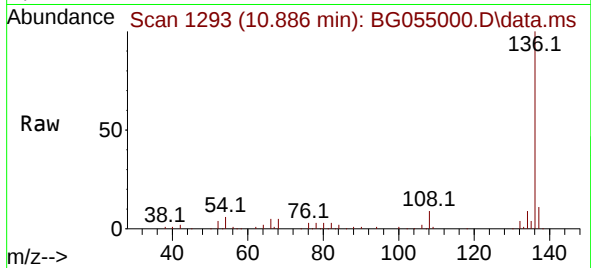




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.886 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

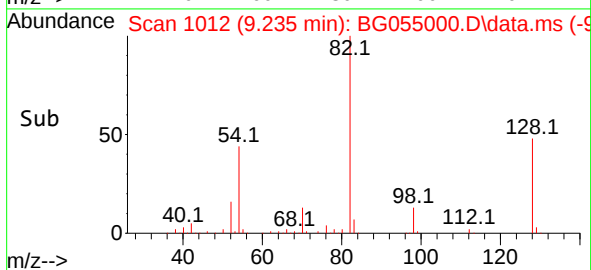
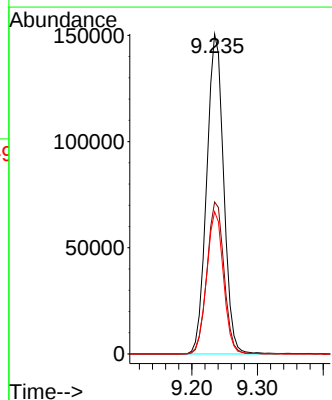
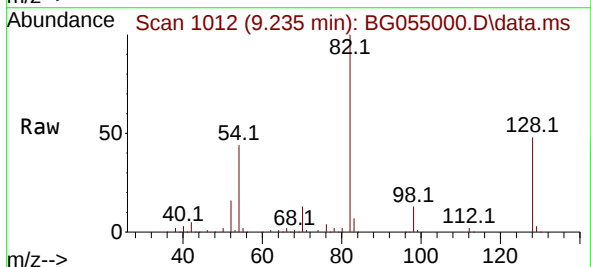
Instrument :
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ClientSampleId :
SB-11-COMP

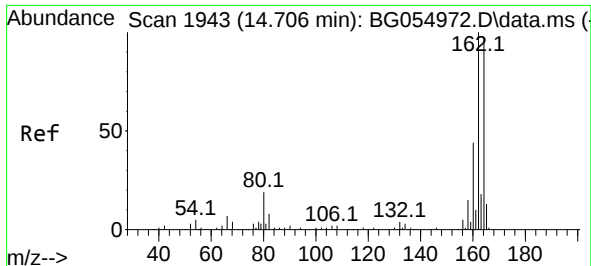
Tgt Ion:136 Resp: 158083
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.0 7.7 11.5#
68 5.2 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 99.283 ng
RT: 9.235 min Scan# 1012
Delta R.T. -0.007 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

Tgt Ion: 82 Resp: 270782
Ion Ratio Lower Upper
82 100
128 47.5 32.2 48.2
54 44.5 41.4 62.0

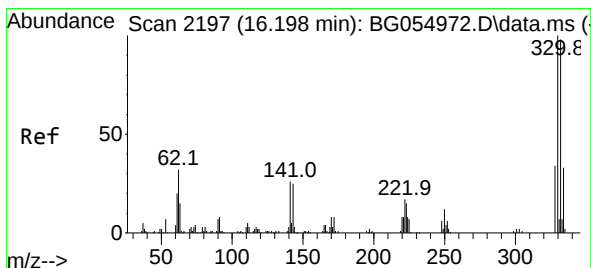
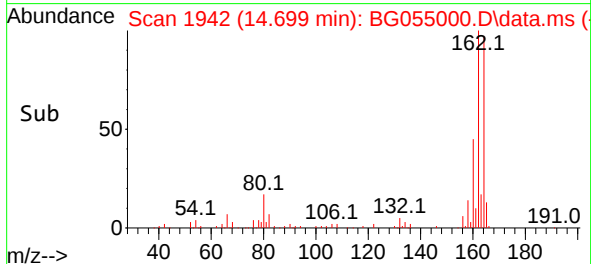
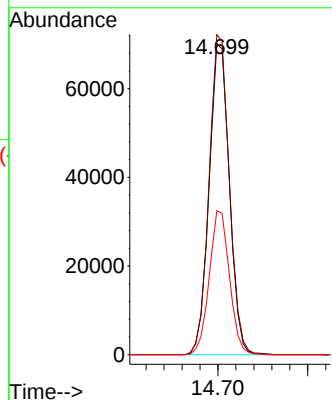
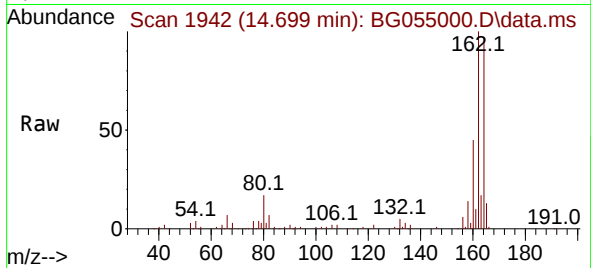




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.699 min Scan# 1942
Delta R.T. -0.007 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

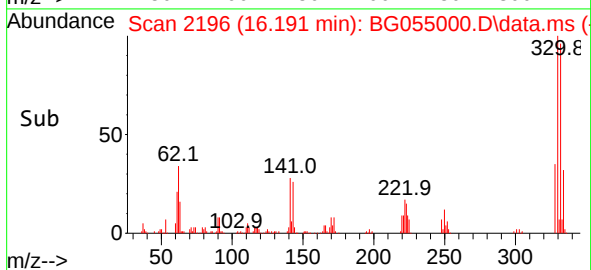
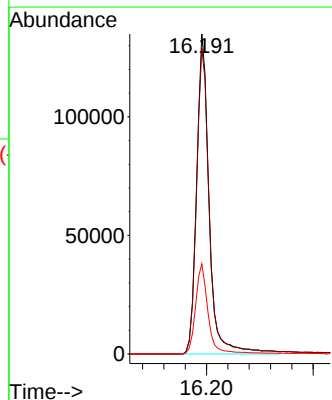
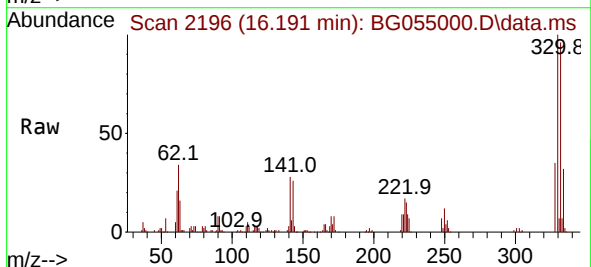
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

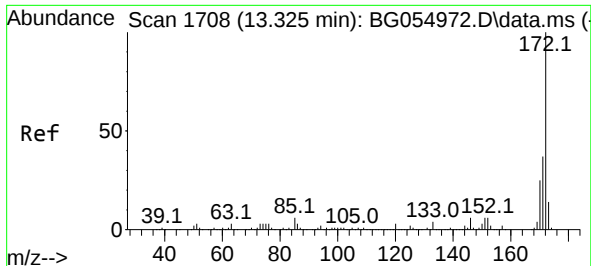
Tgt Ion:164 Resp: 109747
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.4
160 46.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 172.103 ng
RT: 16.191 min Scan# 2196
Delta R.T. -0.007 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

Tgt Ion:330 Resp: 221270
Ion Ratio Lower Upper
330 100
332 98.2 79.8 119.6
141 27.9 26.8 40.2

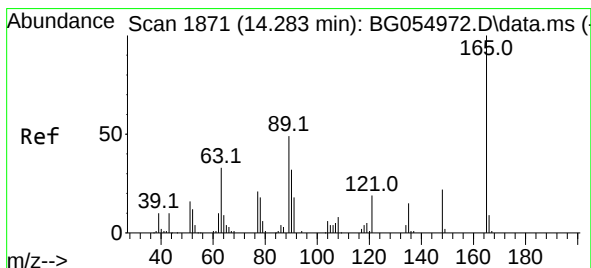
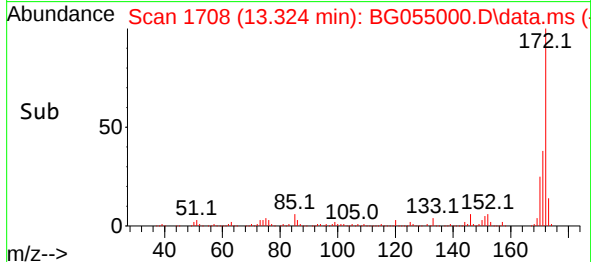
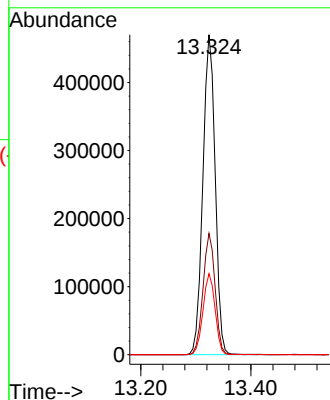
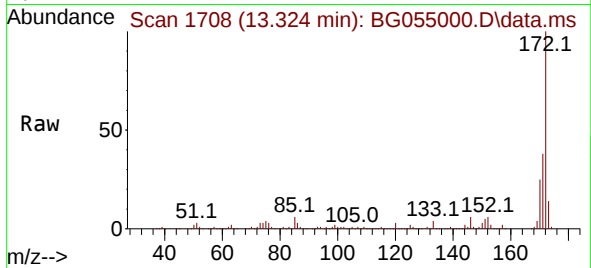




#45
 2-Fluorobiphenyl
 Concen: 104.912 ng
 RT: 13.324 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BG055000.D
 Acq: 21 Sep 2022 19:23

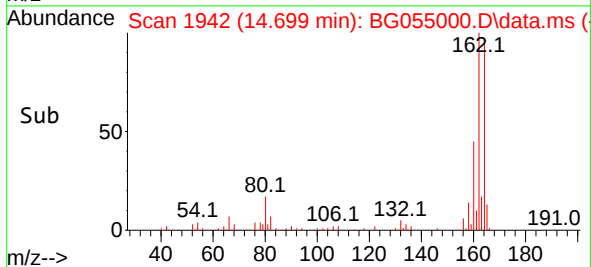
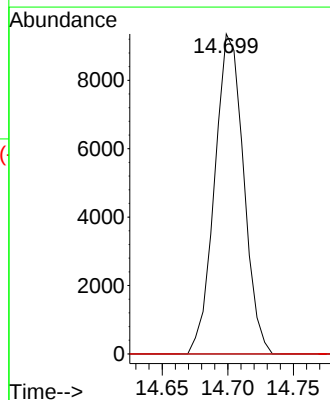
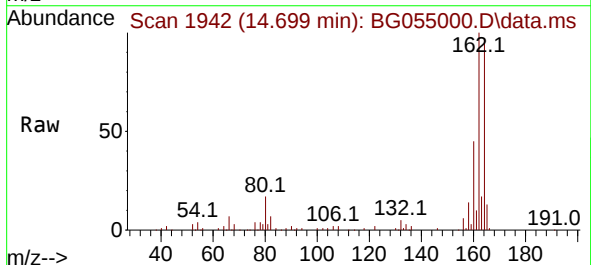
Instrument :
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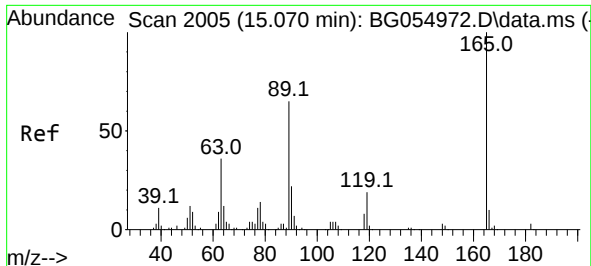
Tgt Ion:172 Resp: 730581
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.2 46.8
 170 25.3 20.6 30.8



#51
 2,6-Dinitrotoluene
 Concen: 8.114 ng
 RT: 14.699 min Scan# 1942
 Delta R.T. 0.416 min
 Lab File: BG055000.D
 Acq: 21 Sep 2022 19:23

Tgt Ion:165 Resp: 14337
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.0 69.0#
 89 0.0 50.3 75.5#

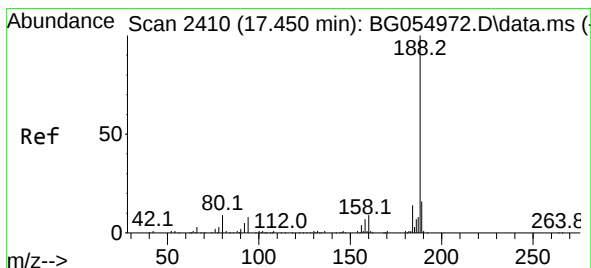
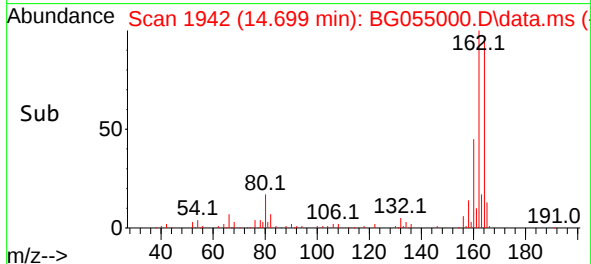
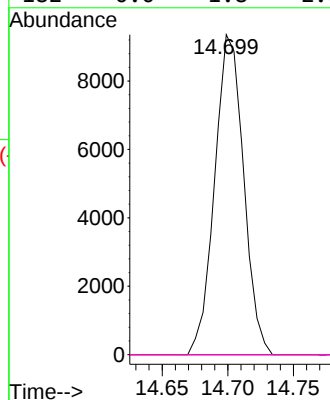
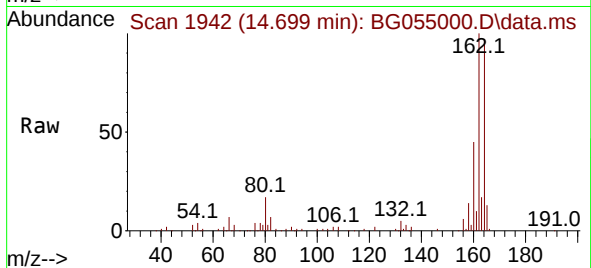




#57
2,4-Dinitrotoluene
Concen: 5.705 ng
RT: 14.699 min Scan# 1942
Delta R.T. -0.371 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

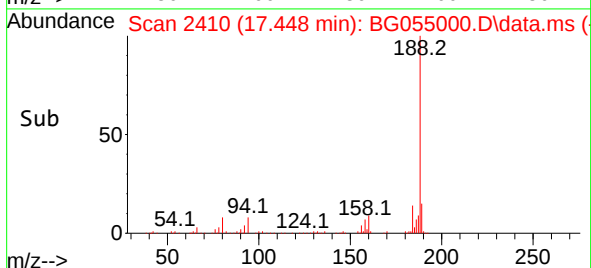
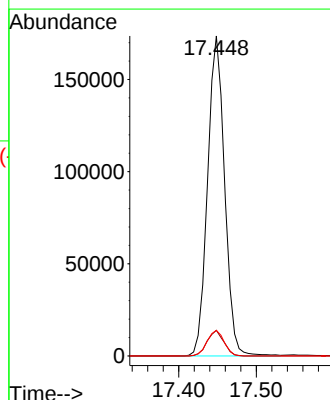
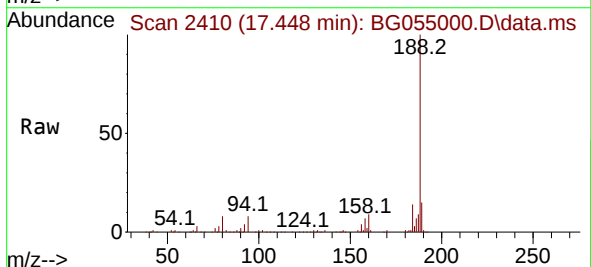
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ClientSampleId :
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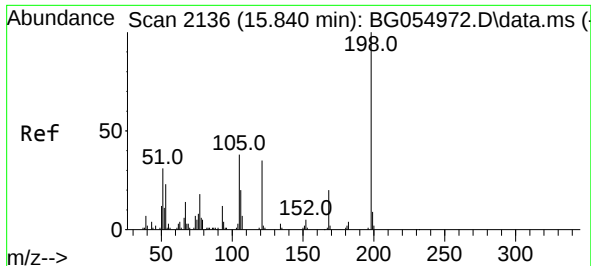
Tgt Ion:165 Resp: 14337
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

Tgt Ion:188 Resp: 265072
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 8.0 7.9 11.9

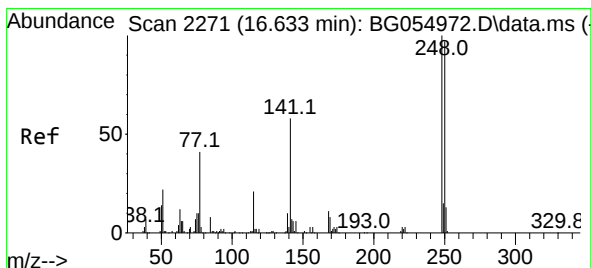
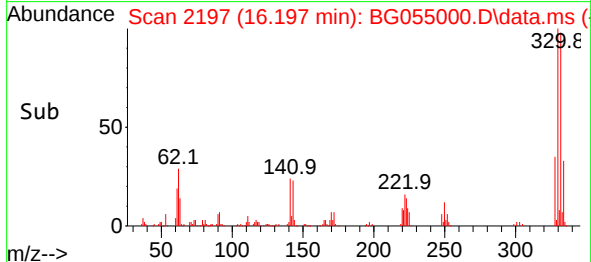
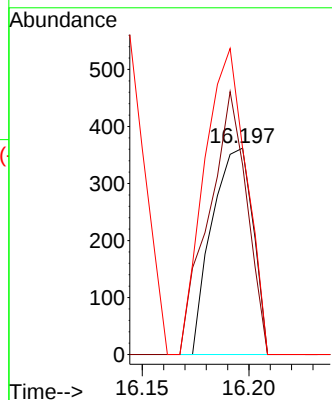
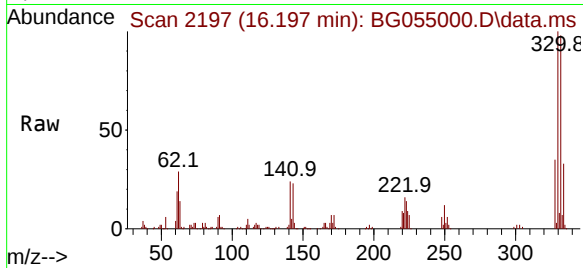




#65
4,6-Dinitro-2-methylphenol
Concen: 5.311 ng
RT: 16.197 min Scan# 2119
Delta R.T. 0.357 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

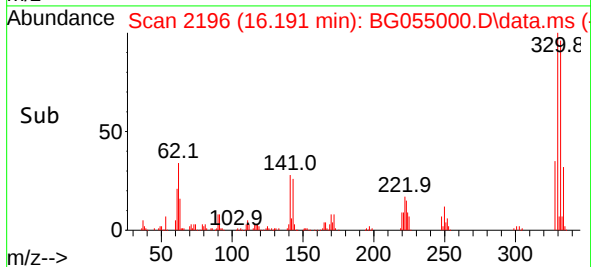
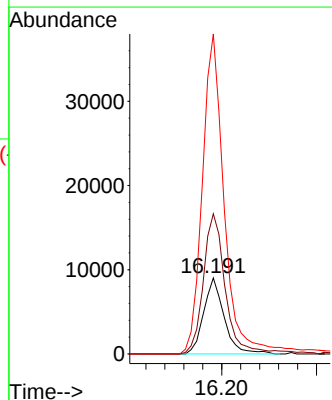
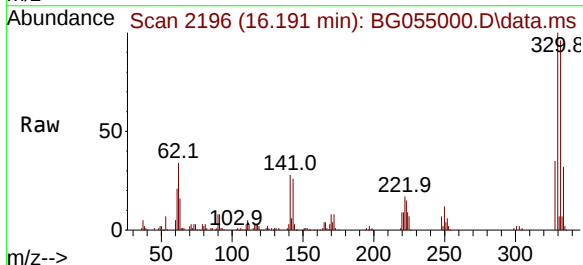
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

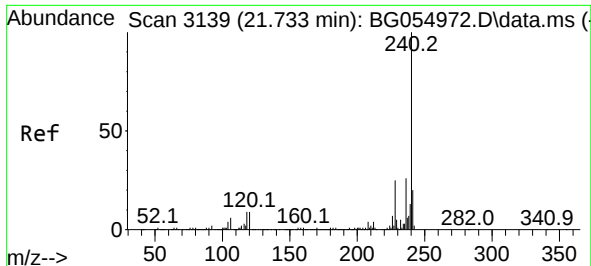
Tgt Ion:198 Resp: 484
Ion Ratio Lower Upper
198 100
51 92.0 19.9 59.9#
105 100.0 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.637 ng
RT: 16.191 min Scan# 2196
Delta R.T. -0.442 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

Tgt Ion:248 Resp: 13555
Ion Ratio Lower Upper
248 100
250 184.3 78.8 118.2#
141 420.7 51.9 77.9#

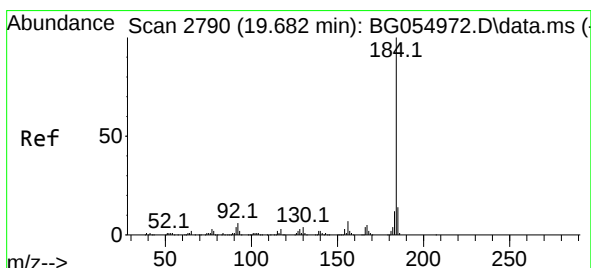
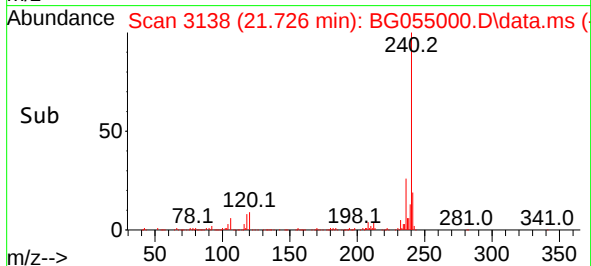
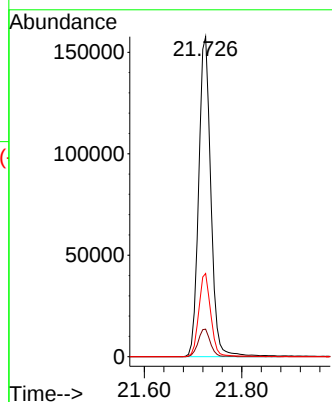
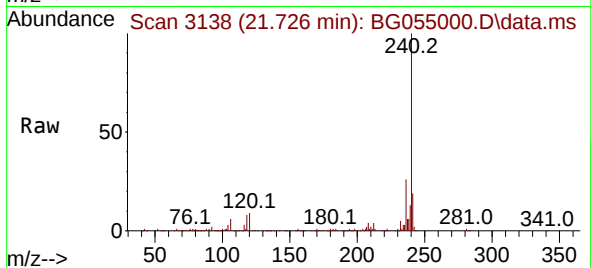




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

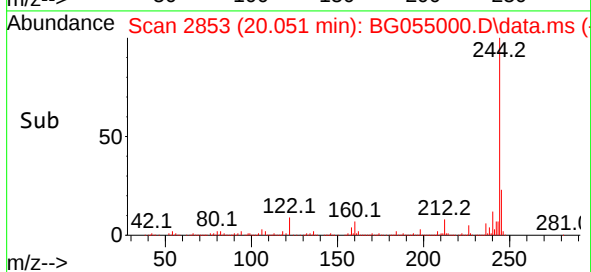
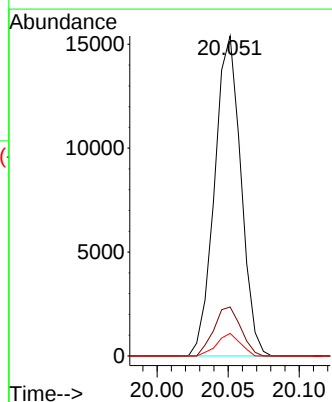
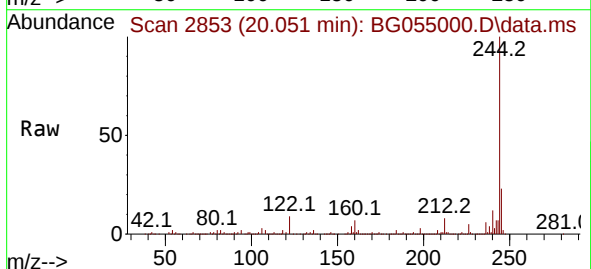
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

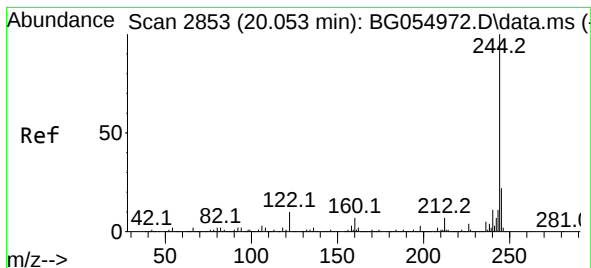
Tgt Ion:240 Resp: 273755
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.4
236 26.0 21.2 31.8



#77
Benzidine
Concen: 2.924 ng
RT: 20.051 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG055000.D
Acq: 21 Sep 2022 19:23

Tgt Ion:184 Resp: 19830
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.0
183 7.0 9.8 14.8#





#79

Terphenyl-d14

Concen: 104.804 ng

RT: 20.051 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG055000.D

Acq: 21 Sep 2022 19:23

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

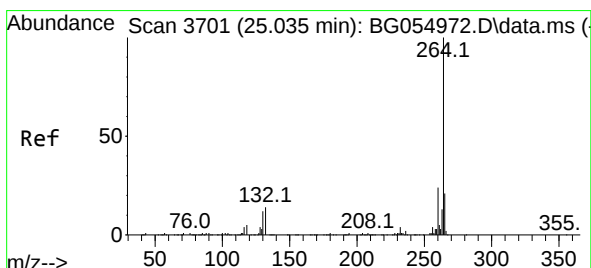
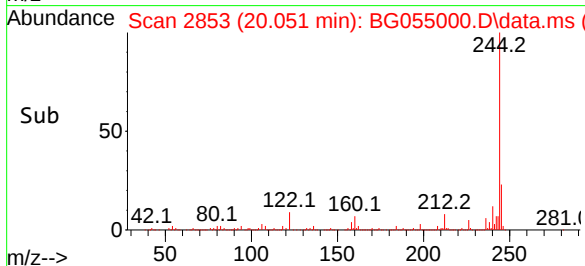
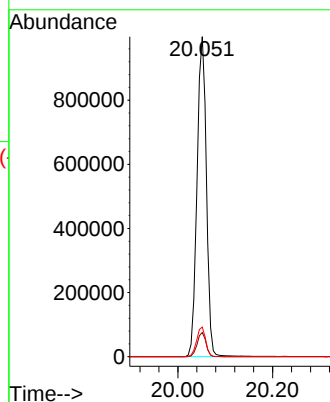
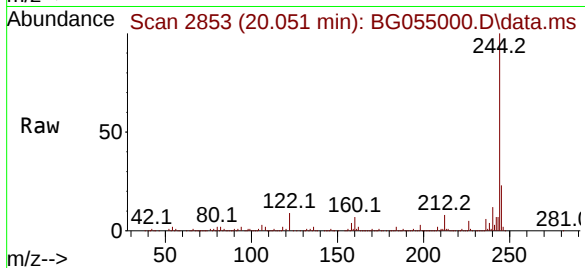
Tgt Ion:244 Resp: 1371567

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 9.3 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.028 min Scan# 3700

Delta R.T. -0.007 min

Lab File: BG055000.D

Acq: 21 Sep 2022 19:23

Tgt Ion:264 Resp: 284870

Ion Ratio Lower Upper

264 100

260 24.0 19.9 29.9

265 21.8 16.9 25.3

