

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
 Data File : BG055012.D
 Acq On : 23 Sep 2022 14:11
 Operator : CG/JU
 Sample : PB147850BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147850BL

Quant Time: Sep 24 02:27:38 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)

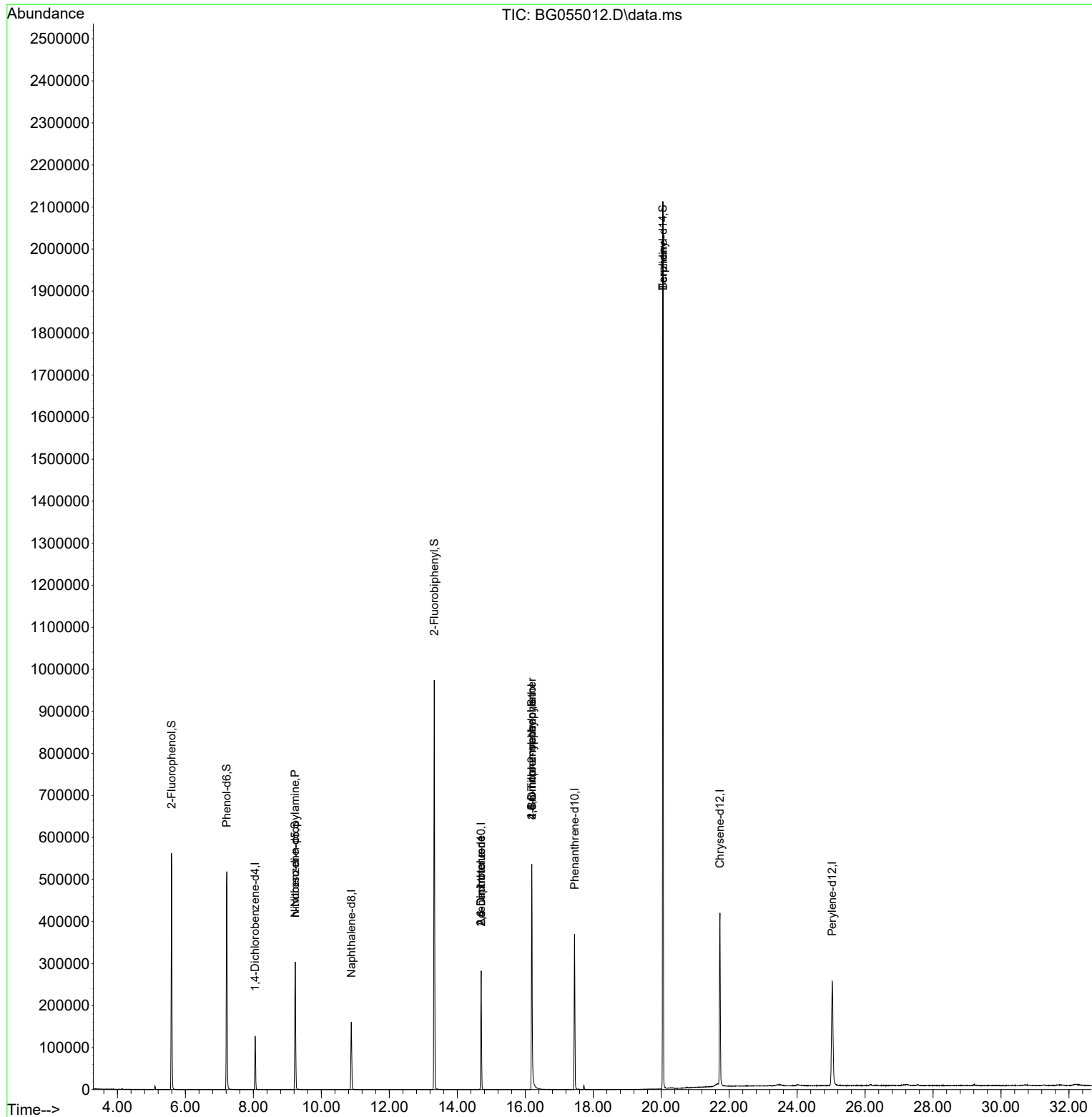
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	40663	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	156513	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	107672	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	262515	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	289912	20.000	ng	0.00
86) Perylene-d12	25.032	264	304192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.590	112	283901	136.612	ng	0.00
7) Phenol-d6	7.218	99	355651	127.679	ng	0.00
23) Nitrobenzene-d5	9.233	82	203560	75.385	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	151121	119.807	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	553160	80.965	ng	0.00
79) Terphenyl-d14	20.050	244	1102510	79.550	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.233	70	24851	12.962	ng	# 75
51) 2,6-Dinitrotoluene	14.703	165	14192	8.187	ng	# 20
57) 2,4-Dinitrotoluene	14.703	165	14192	5.756	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.195	198	211	5.131	ng	# 1
67) 4-Bromophenyl-phenylether	16.195	248	8837	3.052	ng	# 1
77) Benzidine	20.055	184	15040	2.094	ng	# 92

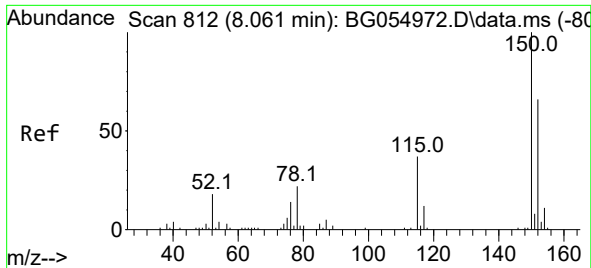
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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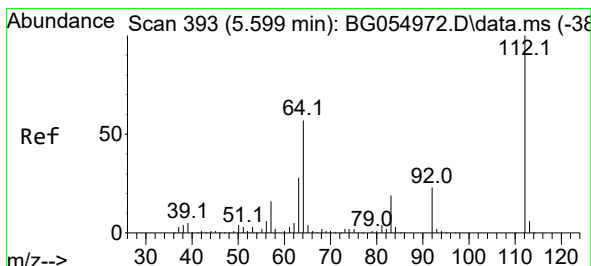
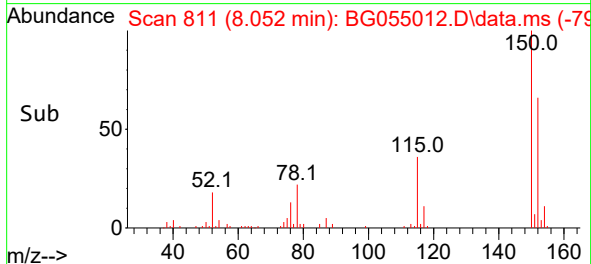
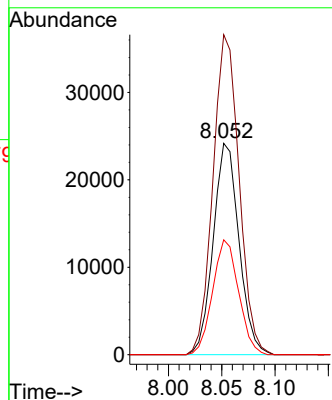
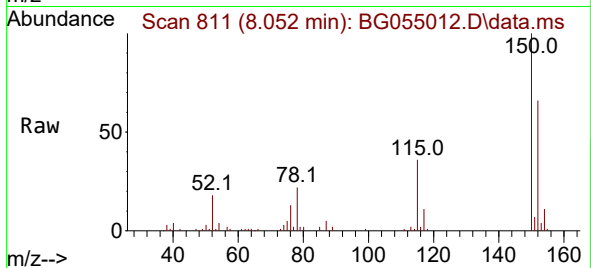




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.052 min Scan# 811
Delta R.T. -0.009 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

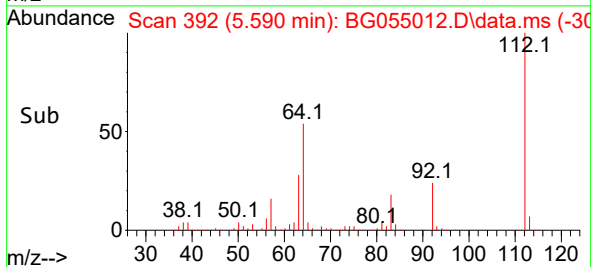
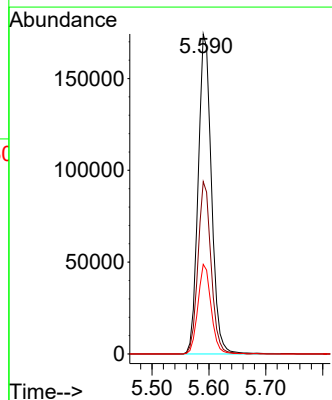
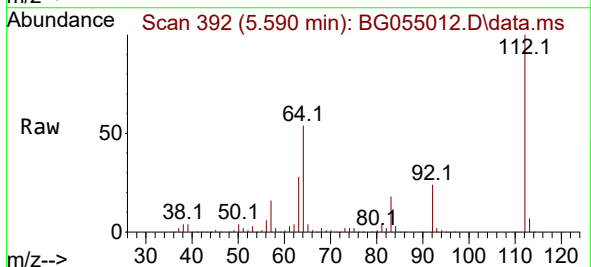
Instrument :
BNA_G
ClientSampleId :
PB147850BL

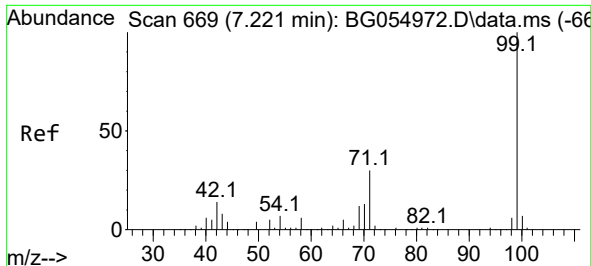
Tgt Ion:152 Resp: 40663
Ion Ratio Lower Upper
152 100
150 151.4 125.2 187.8
115 54.4 47.9 71.9



#5
2-Fluorophenol
Concen: 136.612 ng
RT: 5.590 min Scan# 392
Delta R.T. -0.009 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

Tgt Ion:112 Resp: 283901
Ion Ratio Lower Upper
112 100
64 53.9 49.3 73.9
63 28.0 26.3 39.5

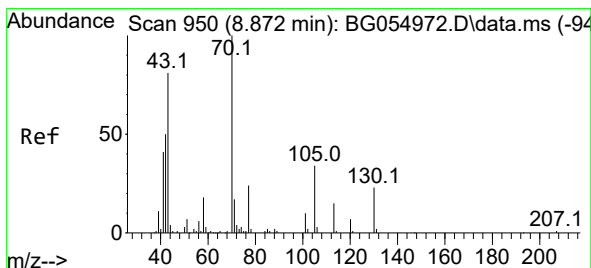
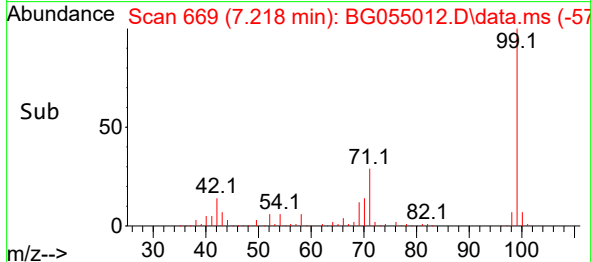
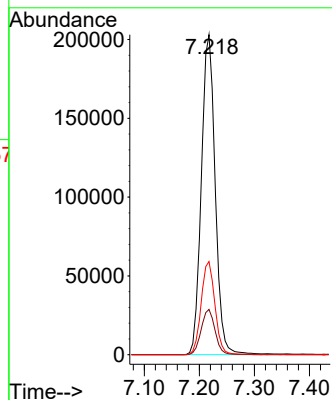
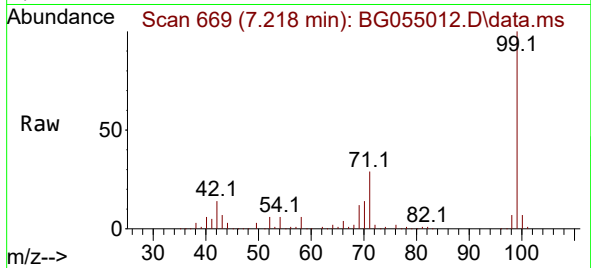




#7
Phenol-d6
Concen: 127.679 ng
RT: 7.218 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

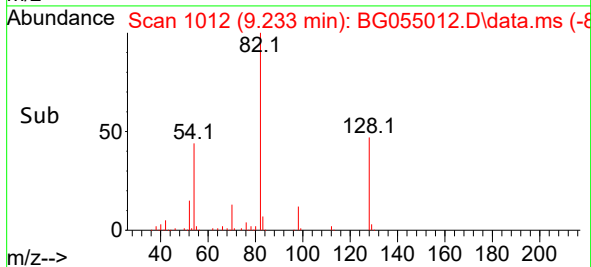
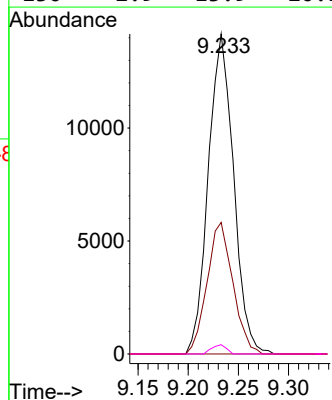
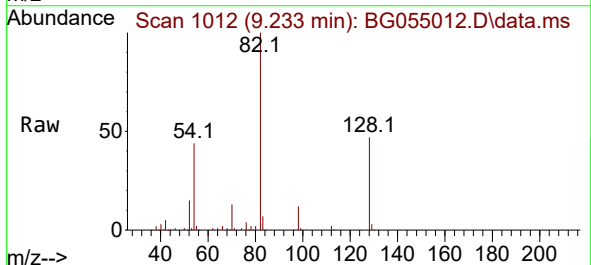
Instrument :
BNA_G
ClientSampleId :
PB147850BL

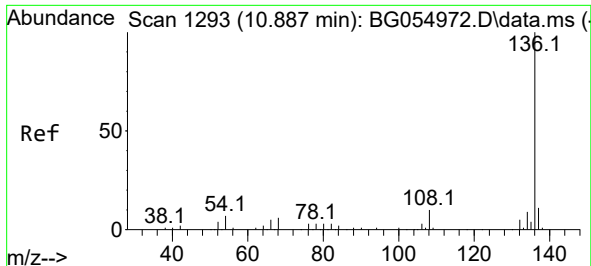
Tgt Ion: 99 Resp: 355651
Ion Ratio Lower Upper
99 100
42 14.2 14.6 22.0#
71 29.1 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.962 ng
RT: 9.233 min Scan# 1012
Delta R.T. 0.361 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

Tgt Ion: 70 Resp: 24851
Ion Ratio Lower Upper
70 100
42 41.1 46.6 69.8#
101 0.0 7.7 11.5#
130 2.9 13.9 20.9#

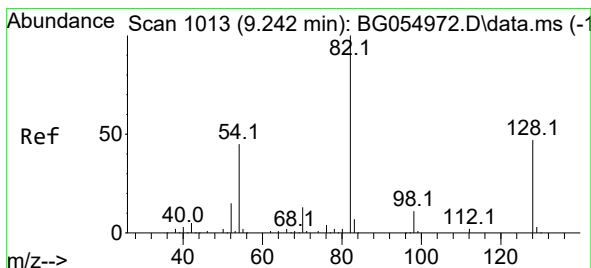
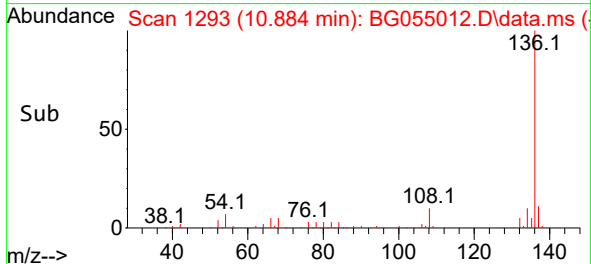
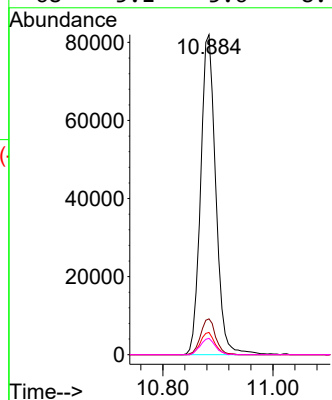
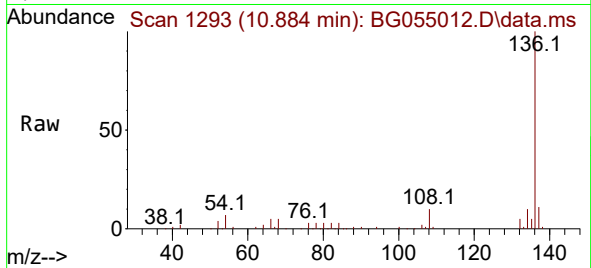




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

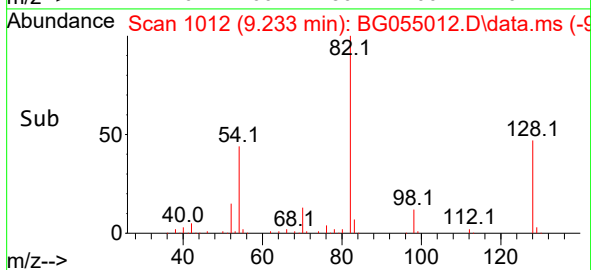
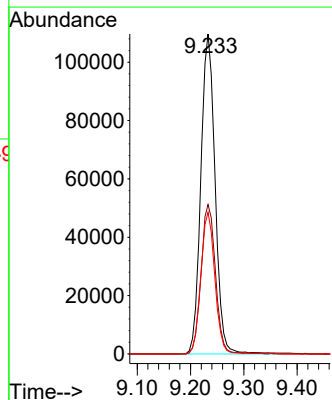
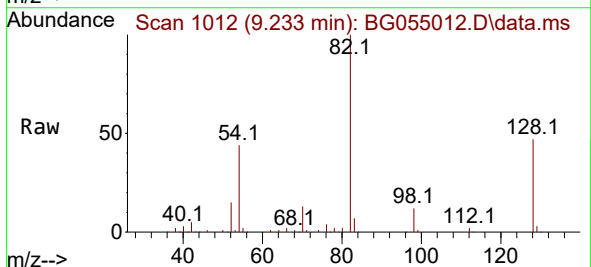
Instrument :
BNA_G
ClientSampleId :
PB147850BL

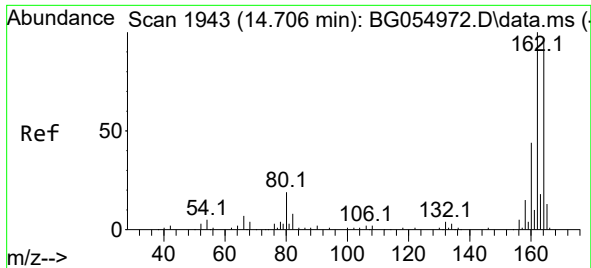
Tgt Ion:136 Resp: 156513
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.0 7.7 11.5#
68 5.1 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 75.385 ng
RT: 9.233 min Scan# 1012
Delta R.T. -0.009 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

Tgt Ion: 82 Resp: 203560
Ion Ratio Lower Upper
82 100
128 46.7 32.2 48.2
54 44.2 41.4 62.0

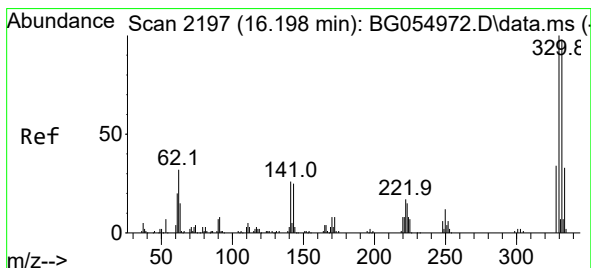
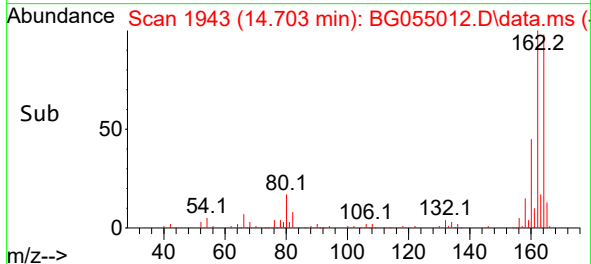
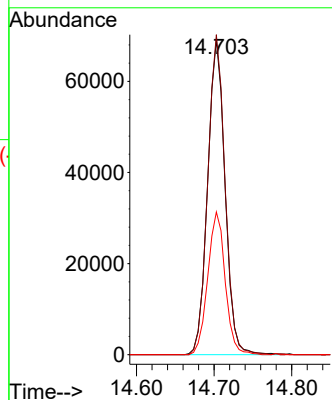
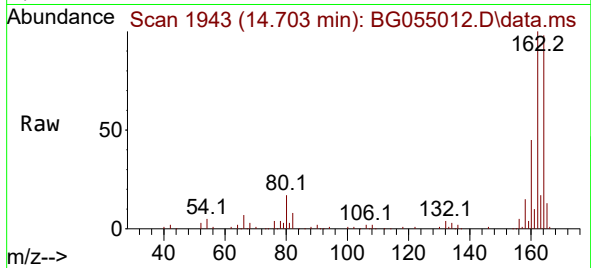




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1943
Delta R.T. -0.003 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

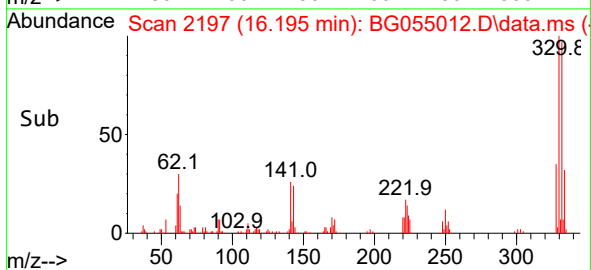
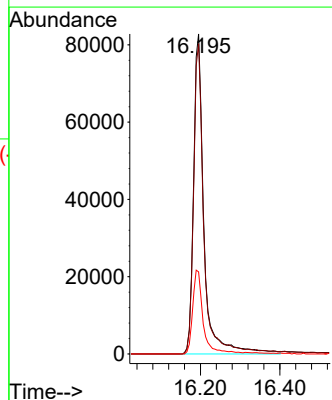
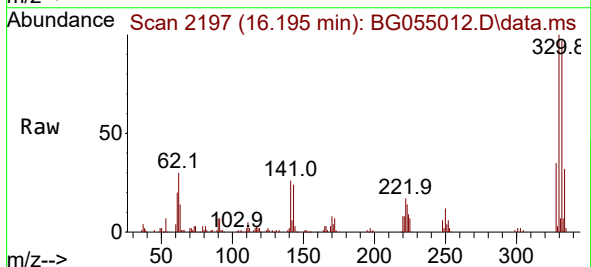
Instrument :
BNA_G
ClientSampleId :
PB147850BL

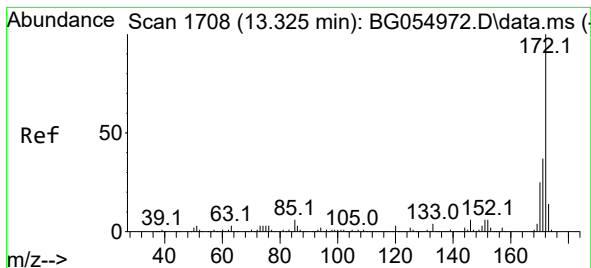
Tgt Ion:164 Resp: 107672
Ion Ratio Lower Upper
164 100
162 101.6 83.0 124.4
160 45.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 119.807 ng
RT: 16.195 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

Tgt Ion:330 Resp: 151121
Ion Ratio Lower Upper
330 100
332 97.2 79.8 119.6
141 26.3 26.8 40.2#

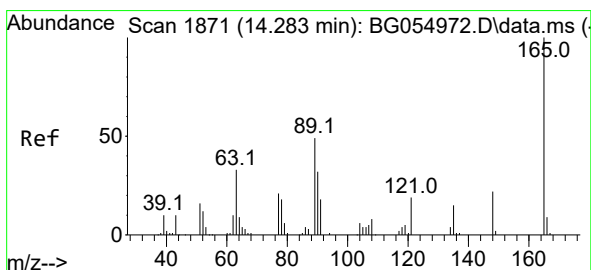
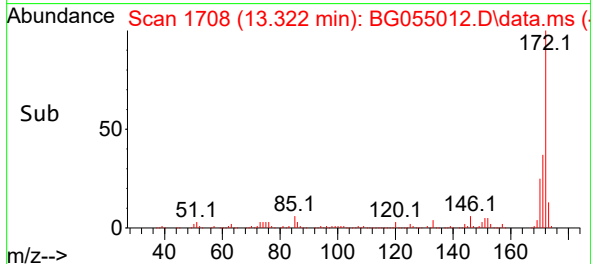
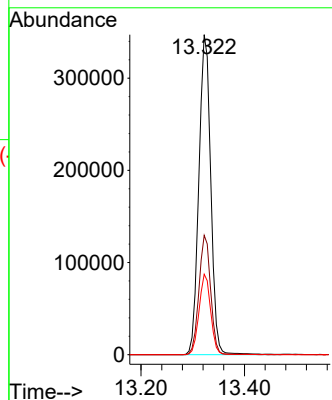
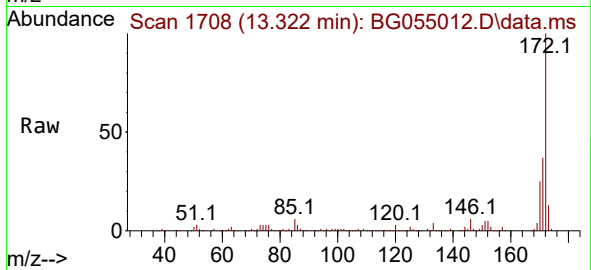




#45
2-Fluorobiphenyl
Concen: 80.965 ng
RT: 13.322 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

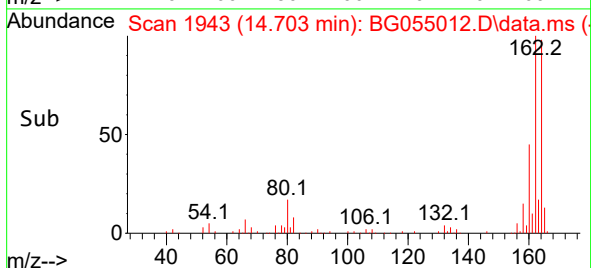
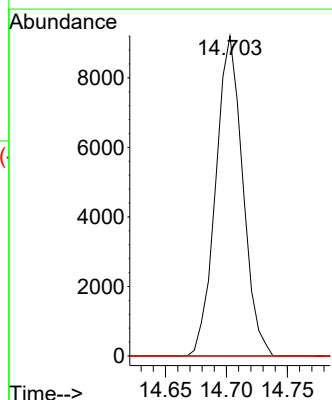
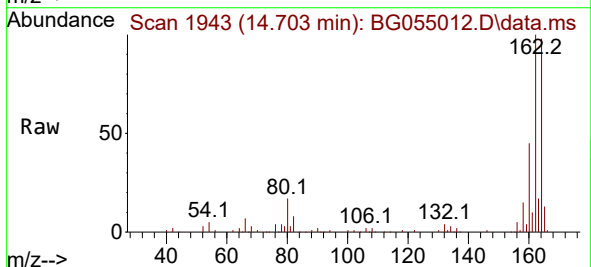
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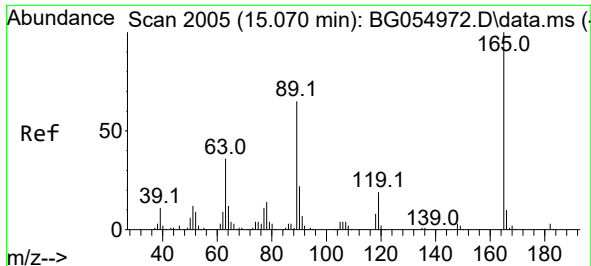
Tgt Ion:172 Resp: 553160
Ion Ratio Lower Upper
172 100
171 37.3 31.2 46.8
170 25.2 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.187 ng
RT: 14.703 min Scan# 1943
Delta R.T. 0.420 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

Tgt Ion:165 Resp: 14192
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: 5.756 ng

RT: 14.703 min Scan# 14192

Delta R.T. -0.367 min

Lab File: BG055012.D

Acq: 23 Sep 2022 14:11

Instrument :

BNA_G

ClientSampleId :

PB147850BL

Tgt Ion:165 Resp: 14192

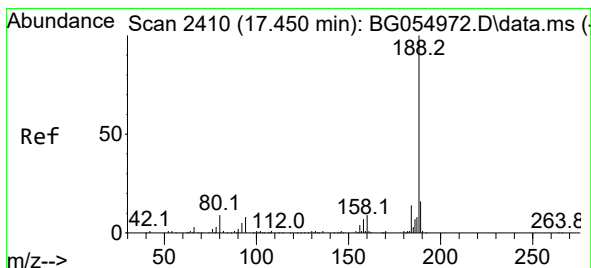
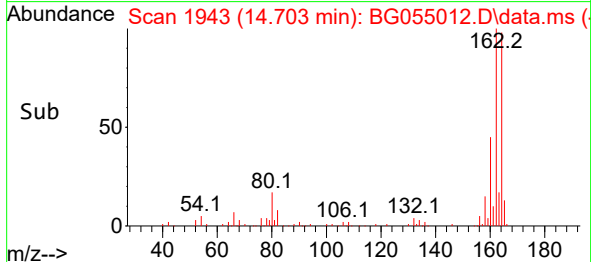
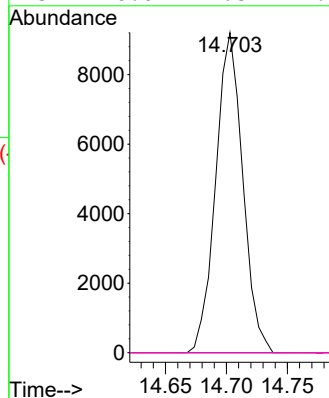
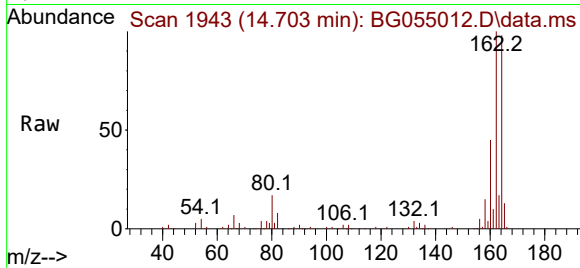
Ion Ratio Lower Upper

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: 17.453 min Scan# 2411

Delta R.T. 0.003 min

Lab File: BG055012.D

Acq: 23 Sep 2022 14:11

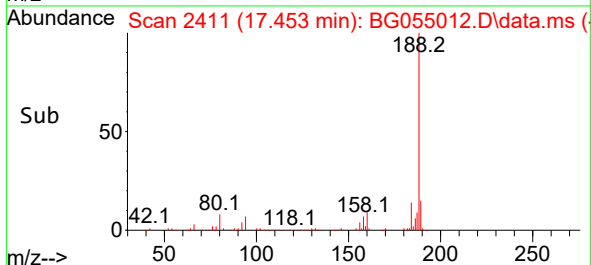
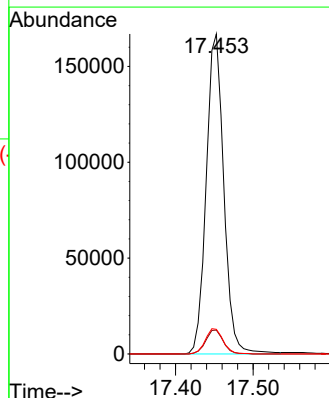
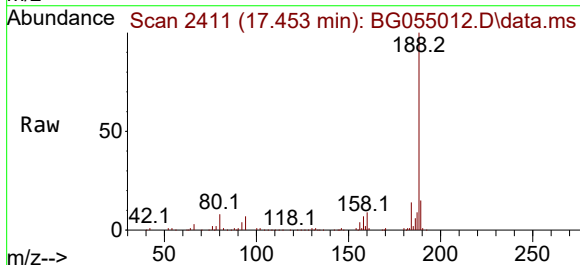
Tgt Ion:188 Resp: 262515

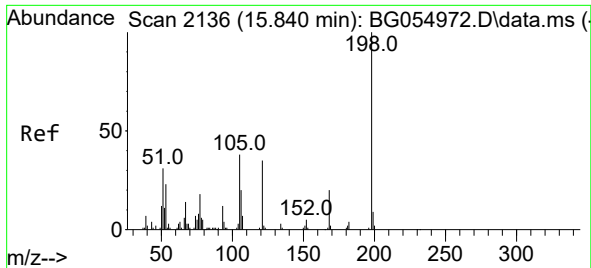
Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.4

80 7.7 7.9 11.9#

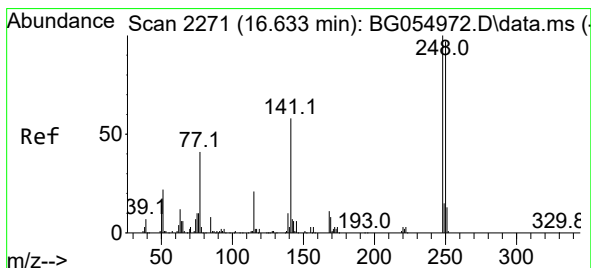
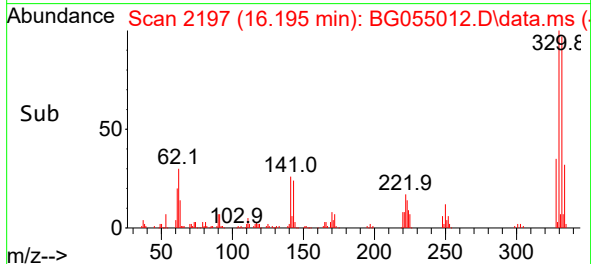
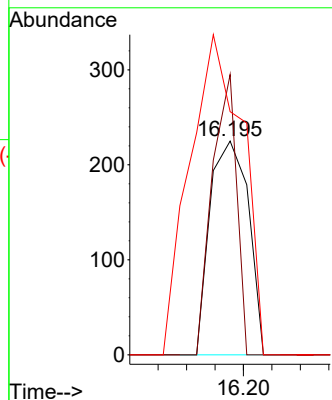
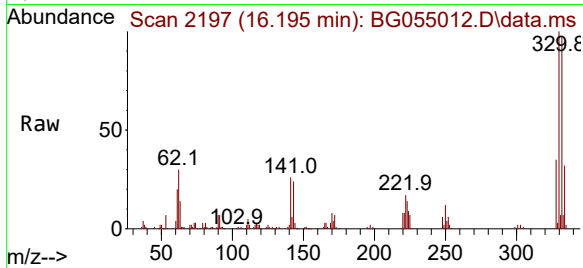




#65
4,6-Dinitro-2-methylphenol
Concen: 5.131 ng
RT: 16.195 min Scan# 2136
Delta R.T. 0.355 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

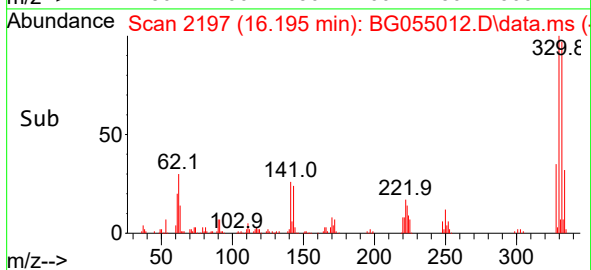
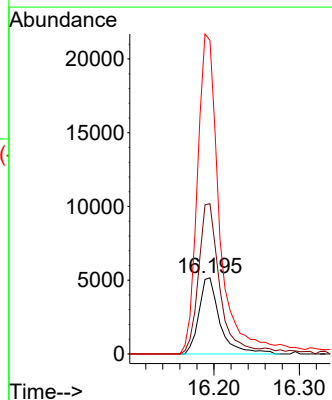
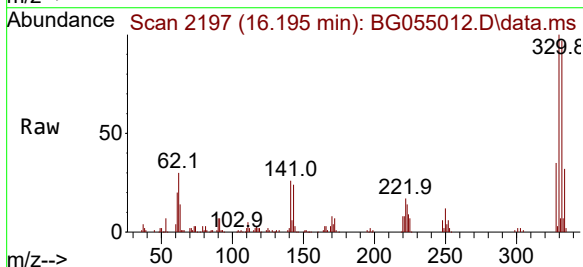
Instrument :
BNA_G
ClientSampleId :
PB147850BL

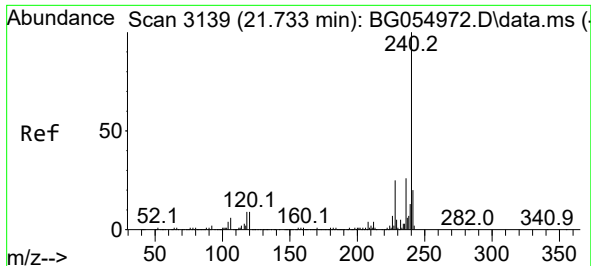
Tgt Ion:198 Resp: 211
Ion Ratio Lower Upper
198 100
51 131.1 19.9 59.9#
105 113.8 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.052 ng
RT: 16.195 min Scan# 2197
Delta R.T. -0.438 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

Tgt Ion:248 Resp: 8837
Ion Ratio Lower Upper
248 100
250 197.2 78.8 118.2#
141 411.5 51.9 77.9#

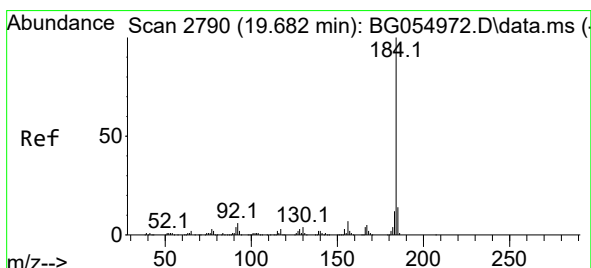
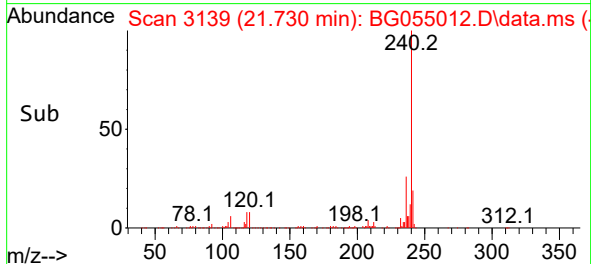
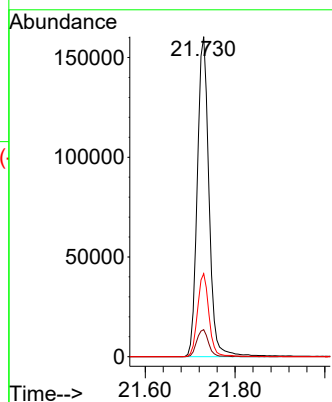
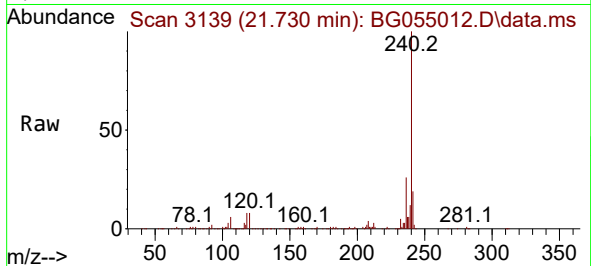




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

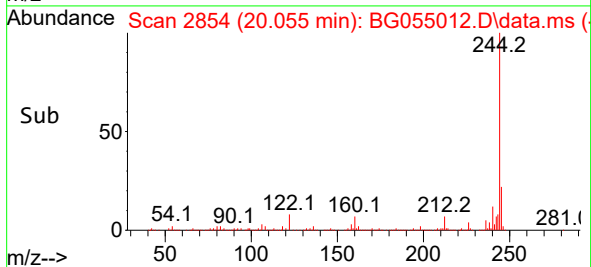
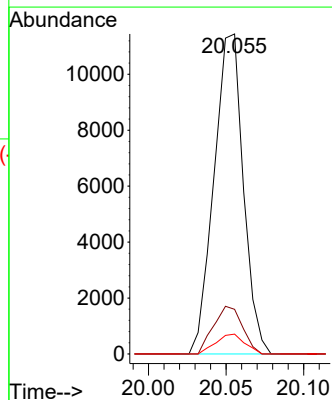
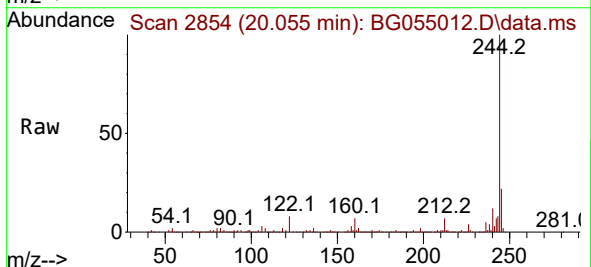
Instrument :
BNA_G
ClientSampleId :
PB147850BL

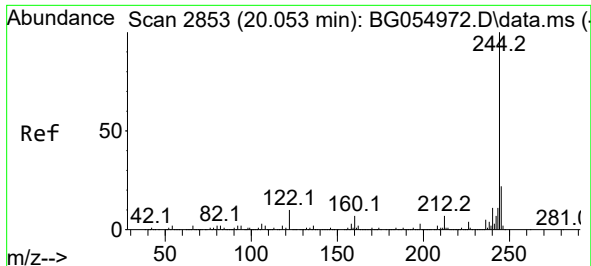
Tgt Ion:240 Resp: 289912
Ion Ratio Lower Upper
240 100
120 8.4 8.2 12.4
236 26.0 21.2 31.8



#77
Benzidine
Concen: 2.094 ng
RT: 20.055 min Scan# 2854
Delta R.T. 0.373 min
Lab File: BG055012.D
Acq: 23 Sep 2022 14:11

Tgt Ion:184 Resp: 15040
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 6.2 9.8 14.8#

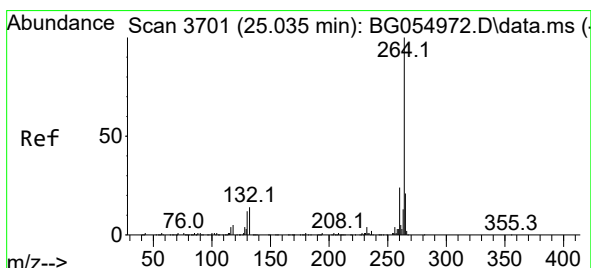
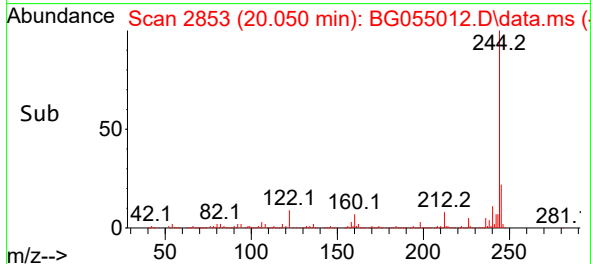
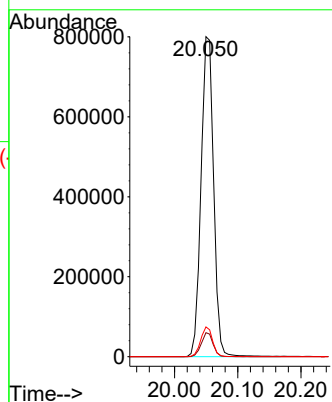
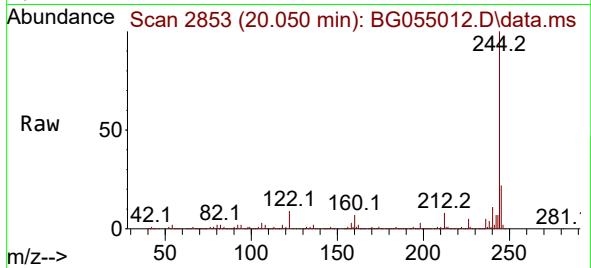




#79
 Terphenyl-d14
 Concen: 79.550 ng
 RT: 20.050 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055012.D
 Acq: 23 Sep 2022 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB147850BL

Tgt Ion:244 Resp: 1102510
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.032 min Scan# 3701
 Delta R.T. -0.003 min
 Lab File: BG055012.D
 Acq: 23 Sep 2022 14:11

Tgt Ion:264 Resp: 304192
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 21.4 16.9 25.3

