

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
 Data File : BG053125.D
 Acq On : 12 Apr 2022 18:36
 Operator : CG/JU
 Sample : N2334-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP040522

Quant Time: Apr 13 06:14:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

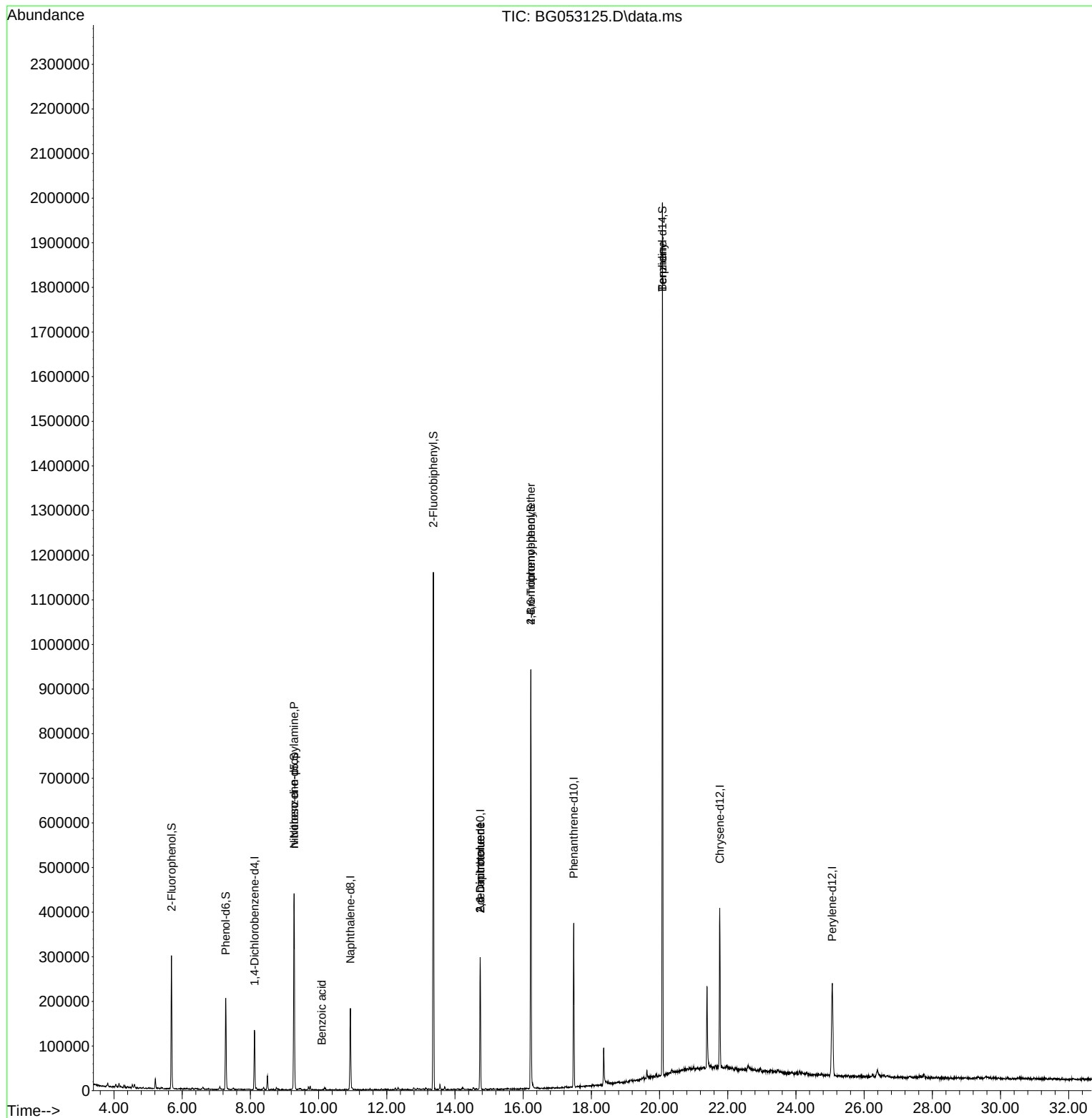
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	36280	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	148517	20.000	ng	# 0.00
39) Acenaphthene-d10	14.740	164	106023	20.000	ng	0.00
64) Phenanthrene-d10	17.484	188	230737	20.000	ng	0.00
76) Chrysene-d12	21.766	240	226230	20.000	ng	# 0.00
86) Perylene-d12	25.061	264	234424	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	122158	57.718	ng	0.00
7) Phenol-d6	7.274	99	116160	35.590	ng	0.00
23) Nitrobenzene-d5	9.283	82	280425	76.666	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	186605	110.628	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	594759	77.353	ng	0.00
79) Terphenyl-d14	20.086	244	966982	72.189	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.283	70	39615	16.579	ng	# 80
32) Benzoic acid	10.094	122	78	3.681	ng	# 1
51) 2,6-Dinitrotoluene	14.740	165	13221	7.473	ng	# 28
57) 2,4-Dinitrotoluene	14.740	165	13221	5.249	ng	# 27
67) 4-Bromophenyl-phenylether	16.226	248	11851	4.008	ng	# 1
77) Benzidine	20.086	184	17256	2.673	ng	# 92

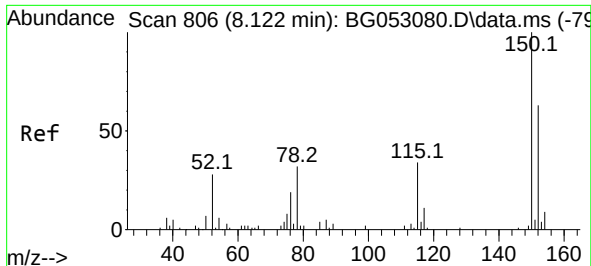
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
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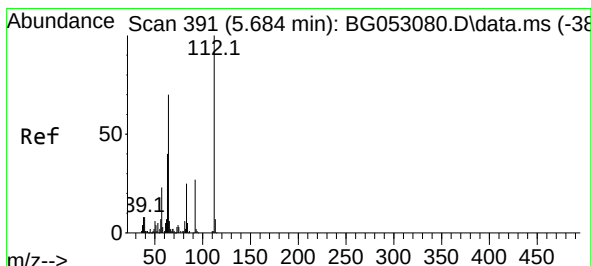
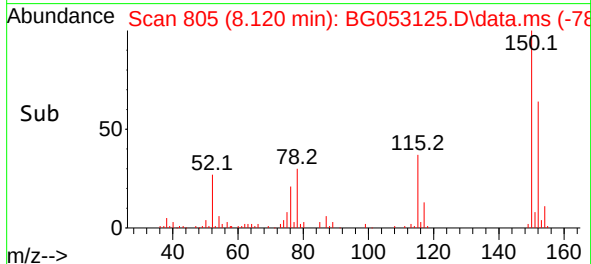
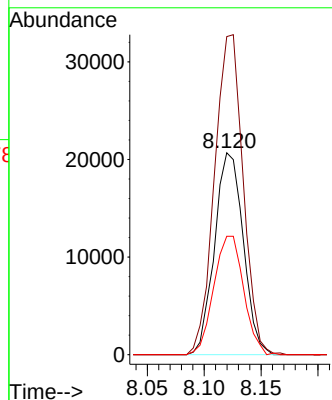
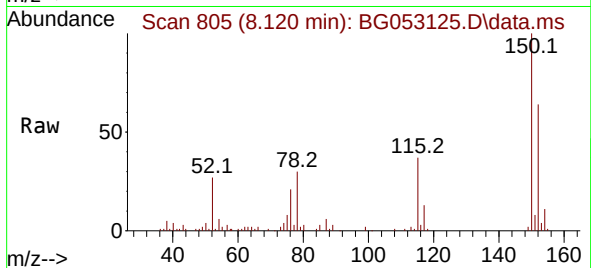




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053125.D
Acq: 12 Apr 2022 18:36

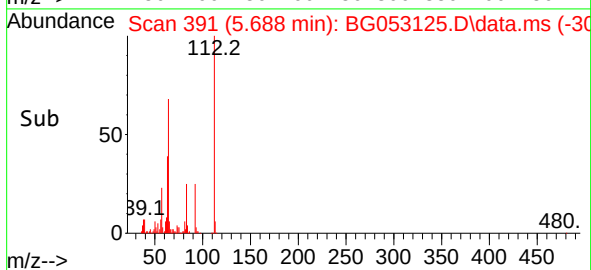
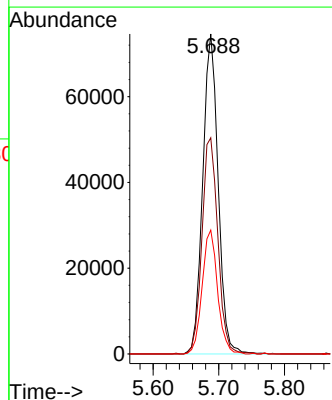
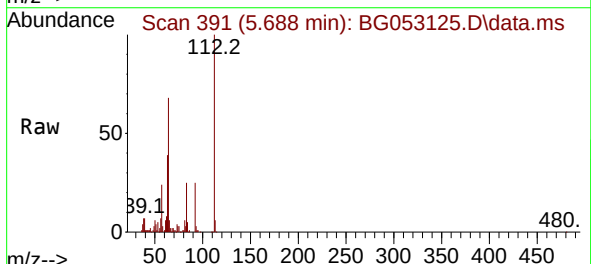
Instrument :
BNA_G
ClientSampleId :
DUP040522

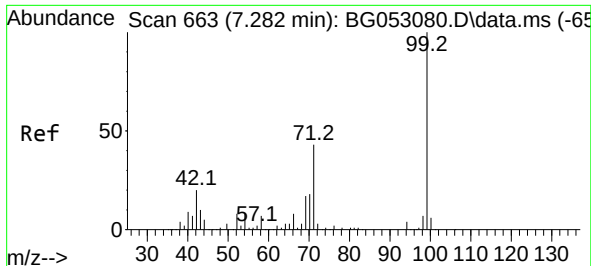
Tgt Ion:152 Resp: 36280
Ion Ratio Lower Upper
152 100
150 157.5 114.6 172.0
115 58.6 45.9 68.9



#5
2-Fluorophenol
Concen: 57.718 ng
RT: 5.688 min Scan# 391
Delta R.T. 0.004 min
Lab File: BG053125.D
Acq: 12 Apr 2022 18:36

Tgt Ion:112 Resp: 122158
Ion Ratio Lower Upper
112 100
64 67.6 48.0 72.0
63 38.7 26.5 39.7

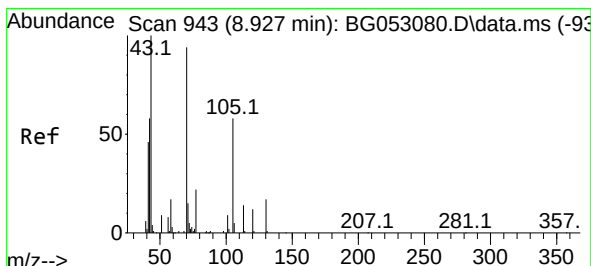
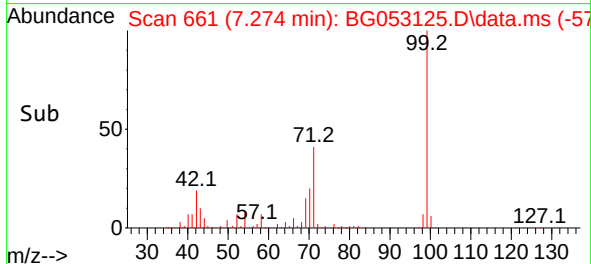
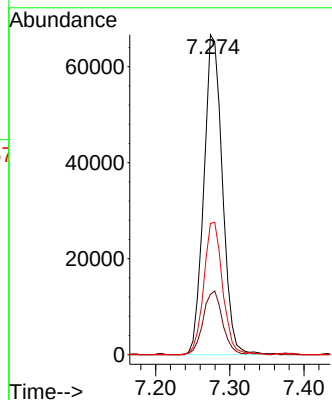
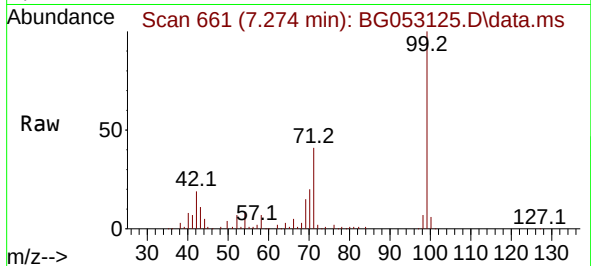




#7
Phenol-d6
Concen: 35.590 ng
RT: 7.274 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053125.D
Acq: 12 Apr 2022 18:36

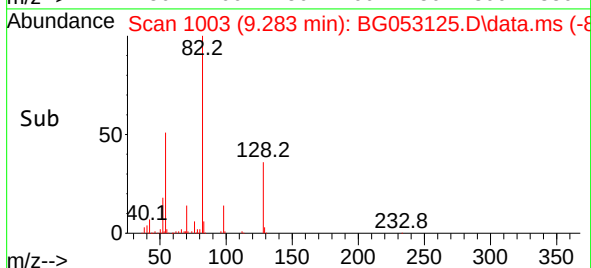
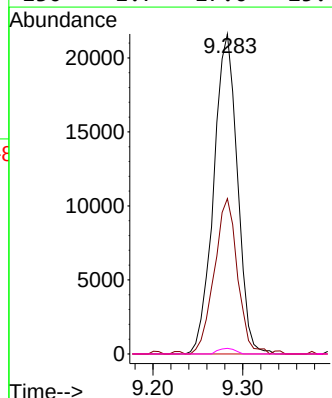
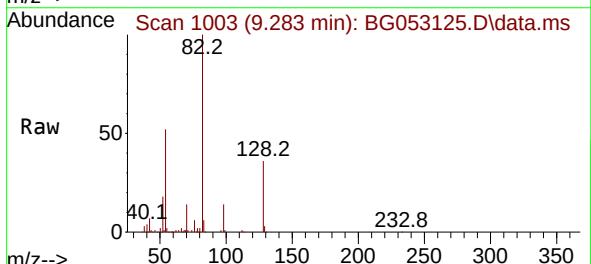
Instrument :
BNA_G
ClientSampleId :
DUP040522

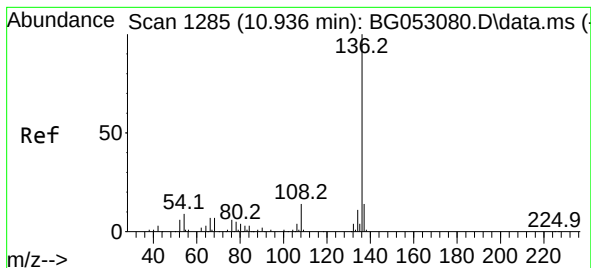
Tgt Ion: 99 Resp: 116160
Ion Ratio Lower Upper
99 100
42 18.9 14.7 22.1
71 41.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.579 ng
RT: 9.283 min Scan# 1003
Delta R.T. 0.356 min
Lab File: BG053125.D
Acq: 12 Apr 2022 18:36

Tgt Ion: 70 Resp: 39615
Ion Ratio Lower Upper
70 100
42 48.5 46.0 69.0
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#

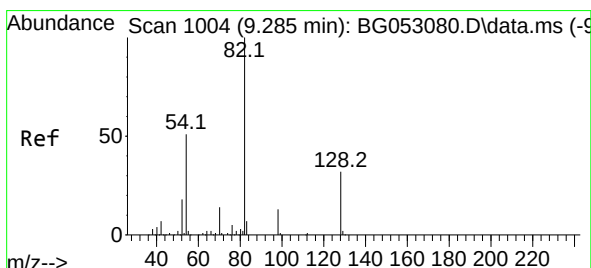
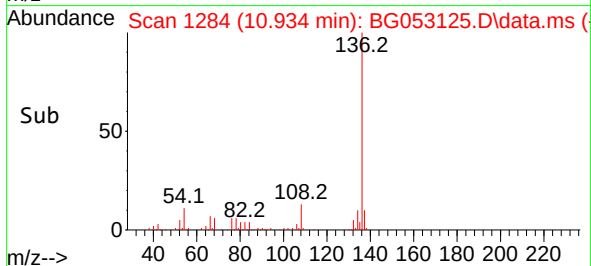
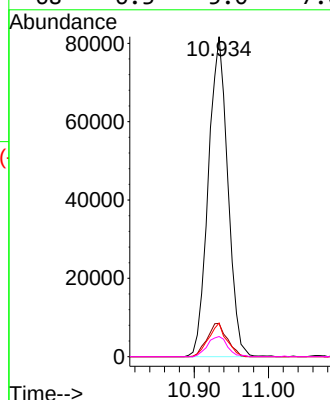
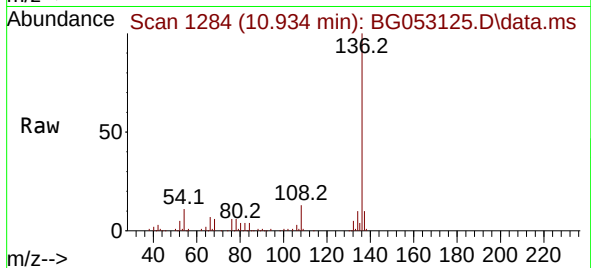




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053125.D
Acq: 12 Apr 2022 18:36

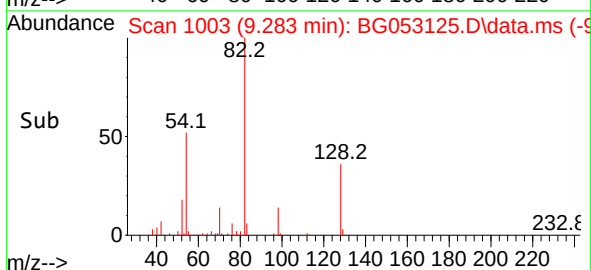
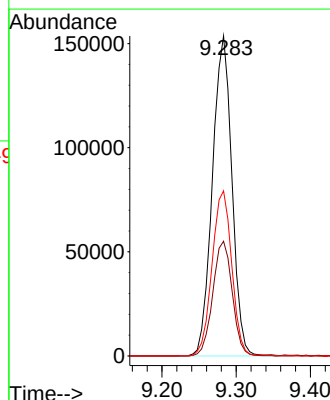
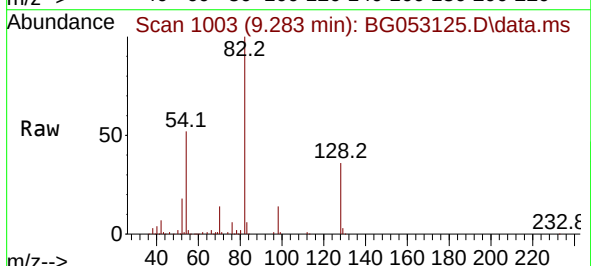
Instrument :
BNA_G
ClientSampleId :
DUP040522

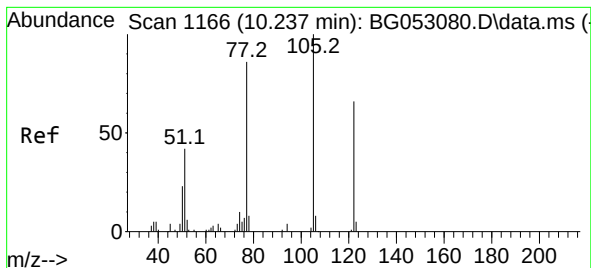
Tgt Ion:136	Resp:	148517
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.4 14.2
54	10.5	6.4 9.6#
68	6.3	5.0 7.6



#23
Nitrobenzene-d5
Concen: 76.666 ng
RT: 9.283 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG053125.D
Acq: 12 Apr 2022 18:36

Tgt Ion: 82	Resp:	280425
Ion Ratio	Lower	Upper
82	100	
128	35.8	31.3 46.9
54	51.6	37.8 56.8





#32

Benzoic acid

Concen: 3.681 ng

RT: 10.094 min Scan# 1166

Delta R.T. -0.143 min

Lab File: BG053125.D

Acq: 12 Apr 2022 18:36

Instrument :

BNA_G

ClientSampleId :

DUP040522

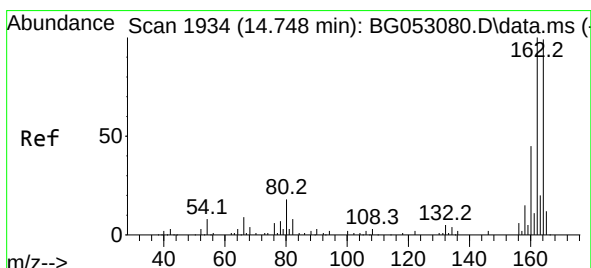
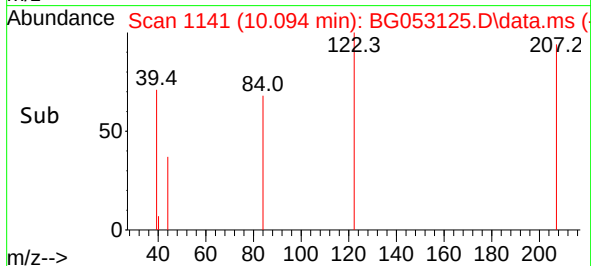
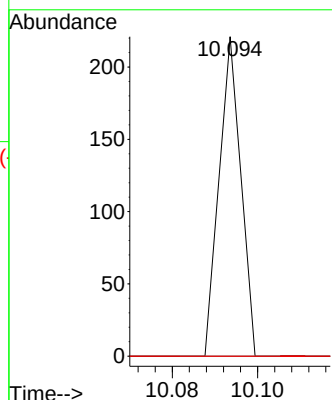
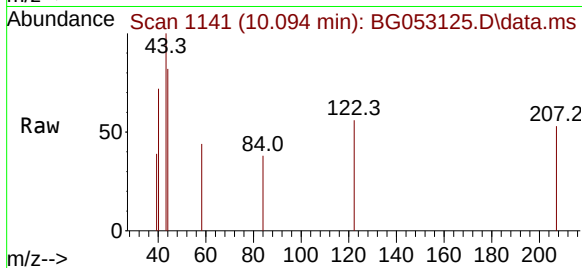
Tgt Ion:122 Resp: 78

Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.740 min Scan# 1932

Delta R.T. -0.008 min

Lab File: BG053125.D

Acq: 12 Apr 2022 18:36

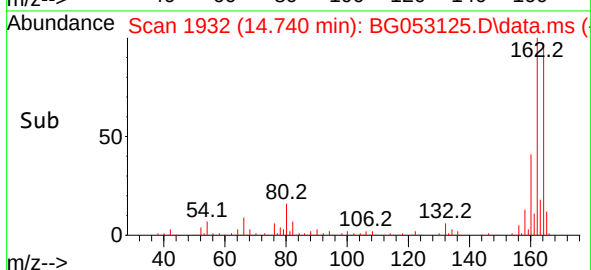
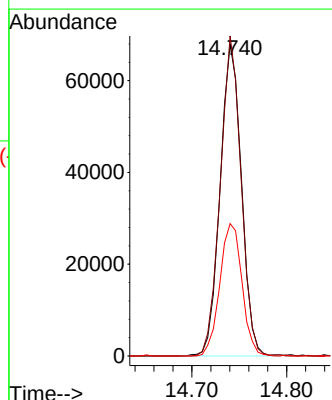
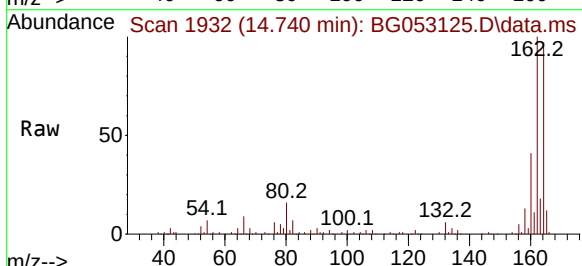
Tgt Ion:164 Resp: 106023

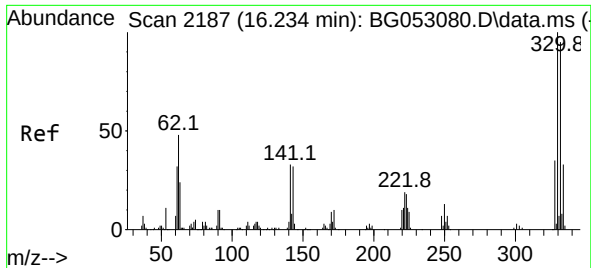
Ion Ratio Lower Upper

164 100

162 102.7 80.0 120.0

160 42.5 38.8 58.2

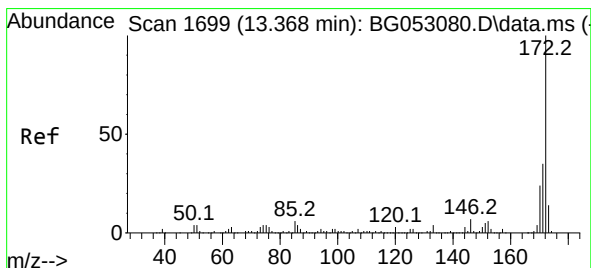
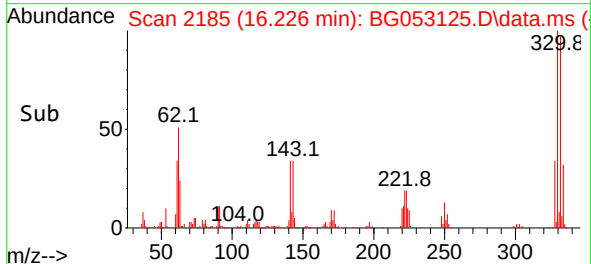
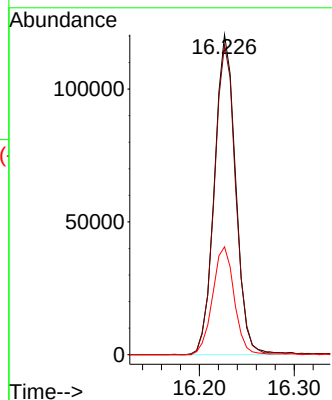
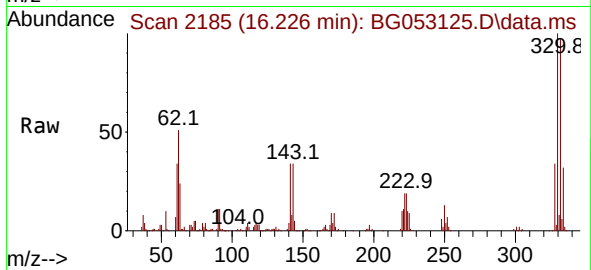




#42
2,4,6-Tribromophenol
Concen: 110.628 ng
RT: 16.226 min Scan# 2185
Delta R.T. -0.008 min
Lab File: BG053125.D
Acq: 12 Apr 2022 18:36

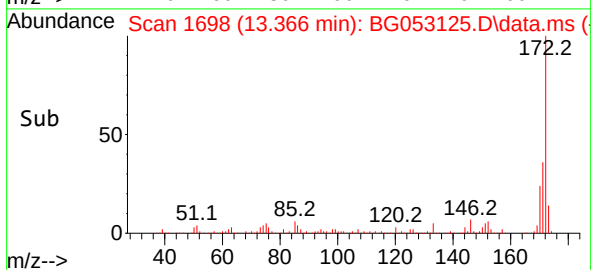
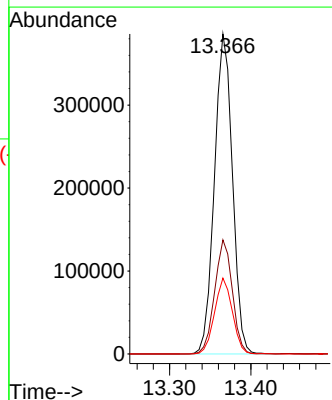
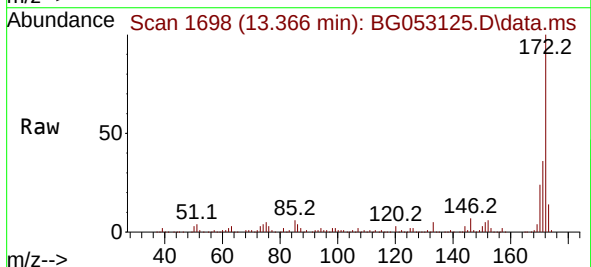
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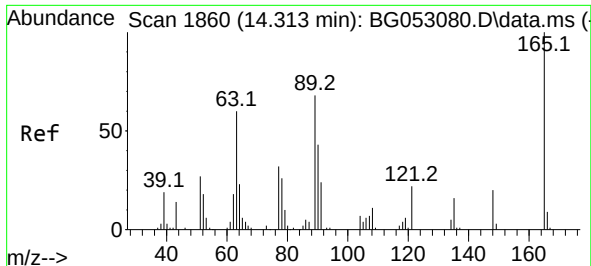
Tgt Ion:330 Resp: 186605
Ion Ratio Lower Upper
330 100
332 98.1 75.8 113.6
141 34.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 77.353 ng
RT: 13.366 min Scan# 1698
Delta R.T. -0.002 min
Lab File: BG053125.D
Acq: 12 Apr 2022 18:36

Tgt Ion:172 Resp: 594759
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.7 18.0 27.0

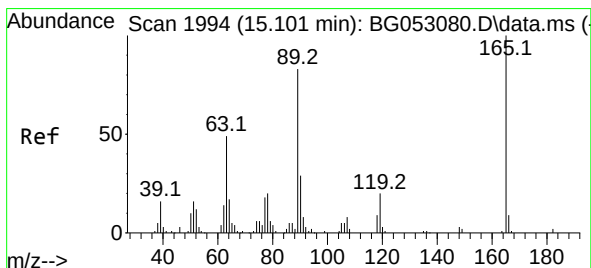
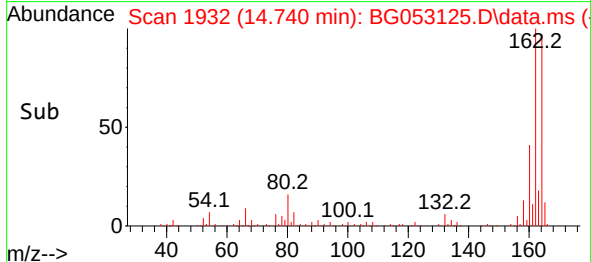
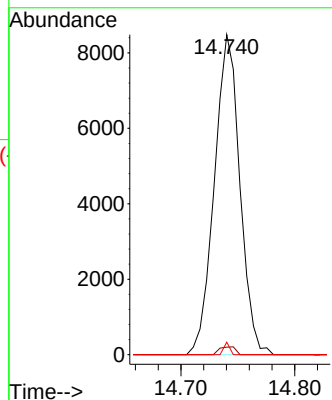
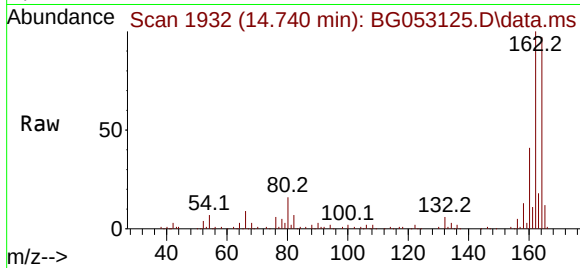




#51
2,6-Dinitrotoluene
Concen: 7.473 ng
RT: 14.740 min Scan# 1932
Delta R.T. 0.427 min
Lab File: BG053125.D
Acq: 12 Apr 2022 18:36

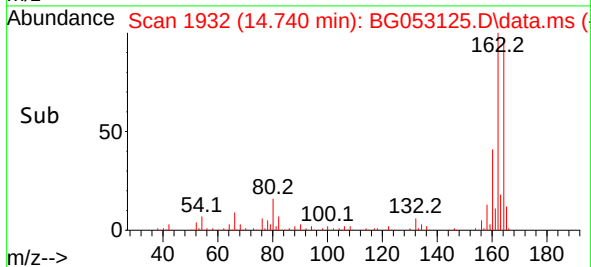
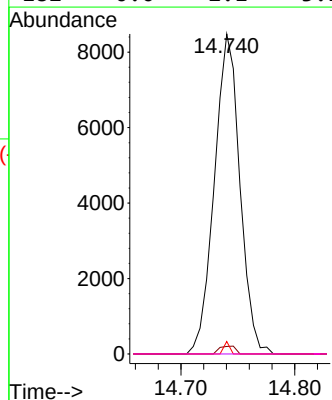
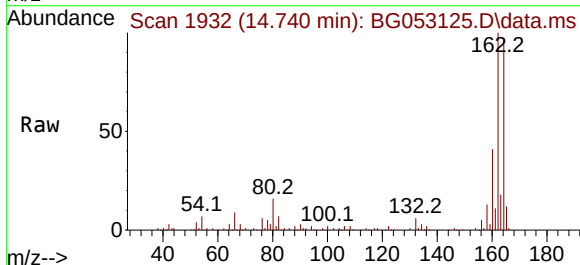
Instrument :
BNA_G
ClientSampleId :
DUP040522

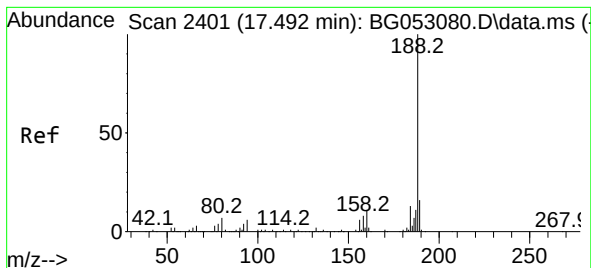
Tgt Ion:165 Resp: 13221
Ion Ratio Lower Upper
165 100
63 2.4 43.7 65.5#
89 3.9 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.249 ng
RT: 14.740 min Scan# 1932
Delta R.T. -0.360 min
Lab File: BG053125.D
Acq: 12 Apr 2022 18:36

Tgt Ion:165 Resp: 13221
Ion Ratio Lower Upper
165 100
63 2.4 34.8 52.2#
89 3.9 57.4 86.0#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.484 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG053125.D

Acq: 12 Apr 2022 18:36

Instrument :

BNA_G

ClientSampleId :

DUP040522

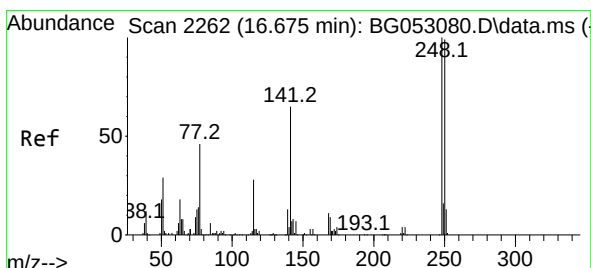
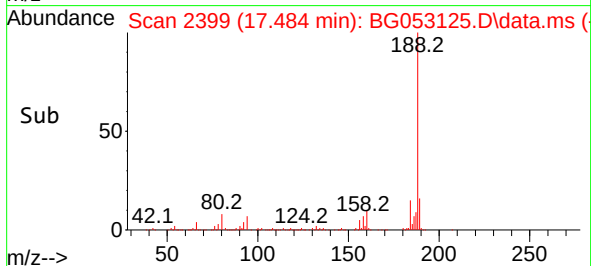
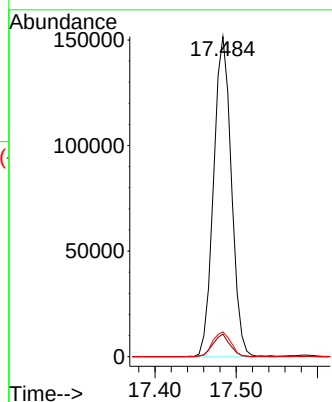
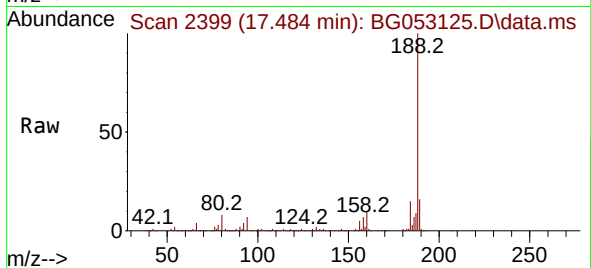
Tgt Ion:188 Resp: 230737

Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

80 7.7 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.008 ng

RT: 16.226 min Scan# 2185

Delta R.T. -0.449 min

Lab File: BG053125.D

Acq: 12 Apr 2022 18:36

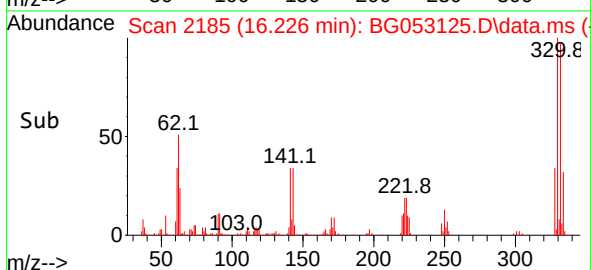
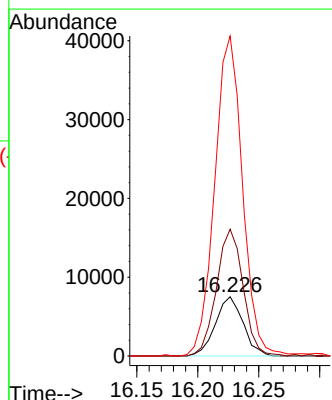
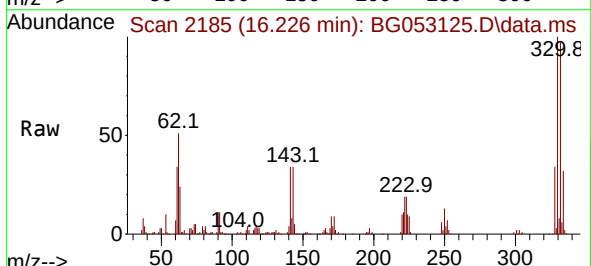
Tgt Ion:248 Resp: 11851

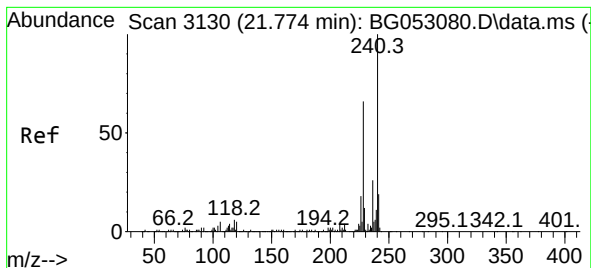
Ion Ratio Lower Upper

248 100

250 214.3 77.9 116.9#

141 540.9 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.766 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG053125.D

Acq: 12 Apr 2022 18:36

Instrument :

BNA_G

ClientSampleId :

DUP040522

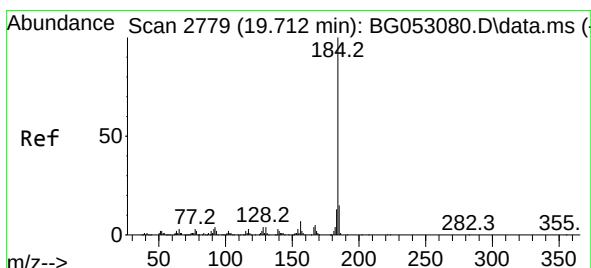
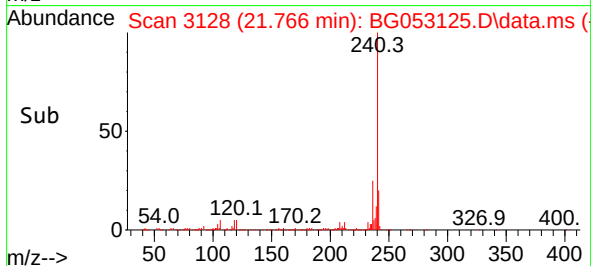
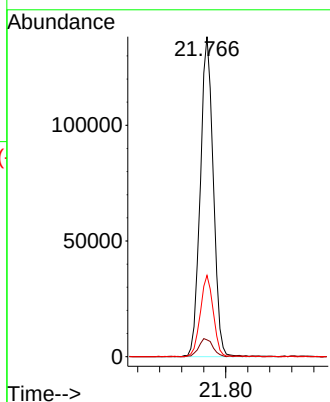
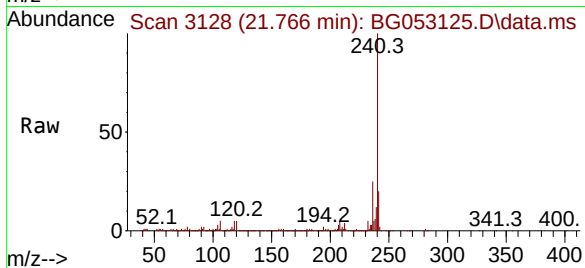
Tgt Ion:240 Resp: 226230

Ion Ratio Lower Upper

240 100

120 5.3 5.4 8.0#

236 25.4 19.8 29.6



#77

Benzidine

Concen: 2.673 ng

RT: 20.086 min Scan# 2842

Delta R.T. 0.374 min

Lab File: BG053125.D

Acq: 12 Apr 2022 18:36

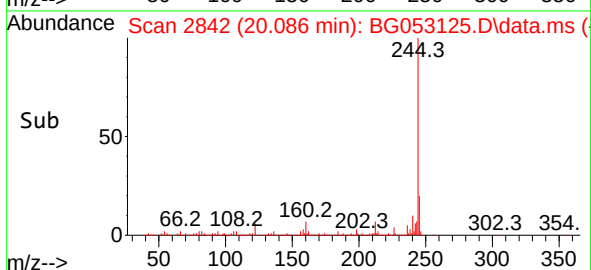
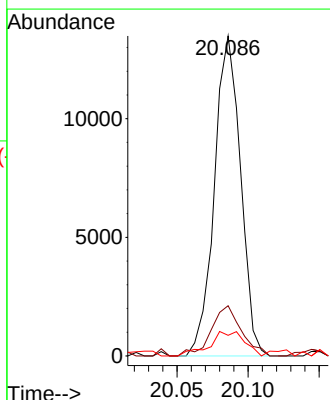
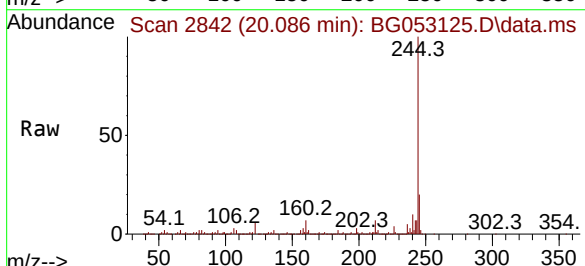
Tgt Ion:184 Resp: 17256

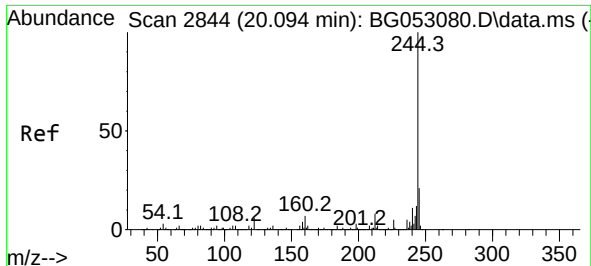
Ion Ratio Lower Upper

184 100

185 15.7 11.5 17.3

183 6.4 9.4 14.2#

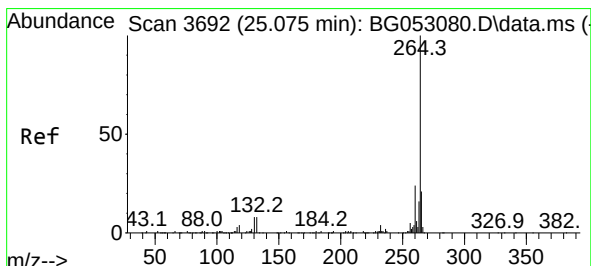
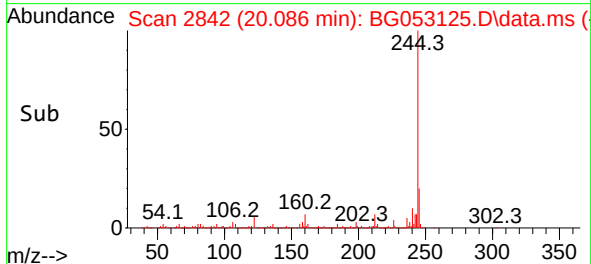
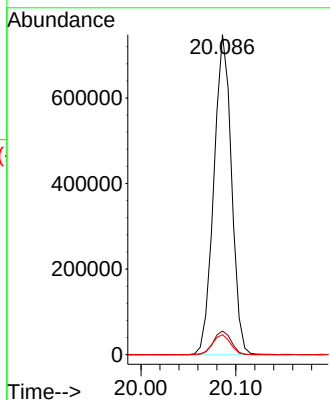
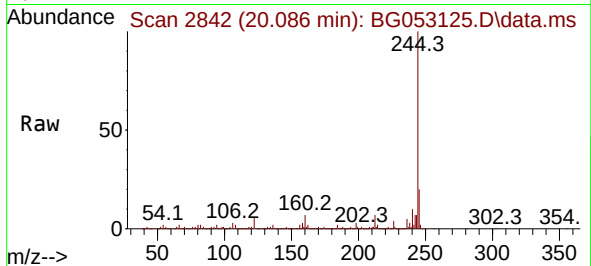




#79
 Terphenyl-d14
 Concen: 72.189 ng
 RT: 20.086 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053125.D
 Acq: 12 Apr 2022 18:36

Instrument :
 BNA_G
 ClientSampleId :
 DUP040522

Tgt Ion:244 Resp: 966982
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.061 min Scan# 3689
 Delta R.T. -0.014 min
 Lab File: BG053125.D
 Acq: 12 Apr 2022 18:36

Tgt Ion:264 Resp: 234424
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.2
 265 20.1 15.1 22.7

