

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
 Data File : BG055125.D
 Acq On : 11 Oct 2022 13:13
 Operator : CG/JU
 Sample : N5033-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 596C-1DL

Quant Time: Oct 12 06:19:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

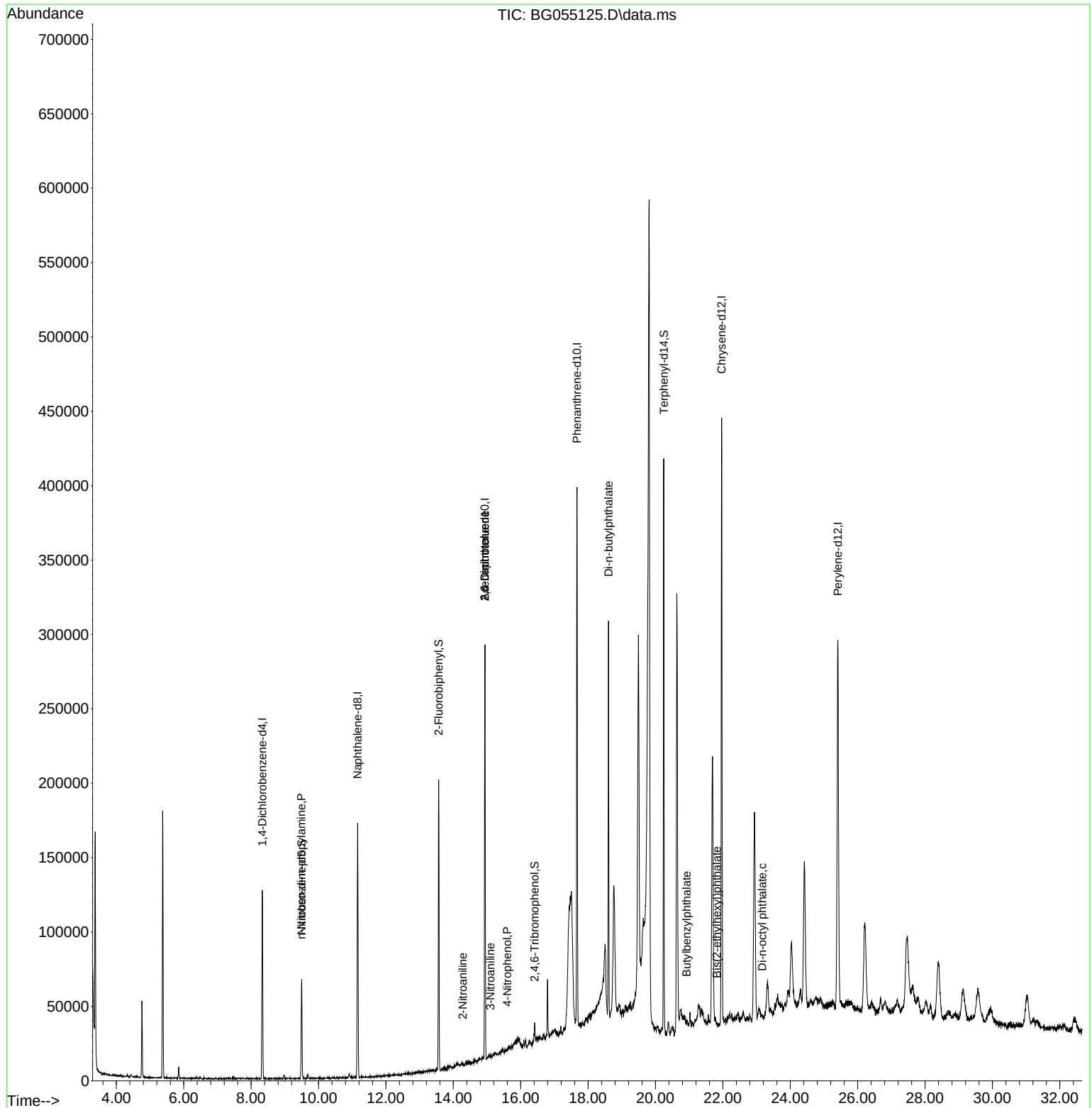
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.330	152	36169	20.000	ng	0.00
21) Naphthalene-d8	11.162	136	143346	20.000	ng	0.00
39) Acenaphthene-d10	14.934	164	100151	20.000	ng	0.00
64) Phenanthrene-d10	17.672	188	242465	20.000	ng	0.00
76) Chrysene-d12	21.961	240	260373	20.000	ng	0.00
86) Perylene-d12	25.410	264	280244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	3072	1.887	ng	0.00
7) Phenol-d6	7.454	99	558	0.229	ng	0.00
23) Nitrobenzene-d5	9.499	82	39133	16.313	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	3260	9.277	ng	0.00
45) 2-Fluorobiphenyl	13.565	172	101409	15.807	ng	0.00
79) Terphenyl-d14	20.245	244	194254	15.079	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.493	70	5629	2.382	ng	# 78
48) 2-Nitroaniline	14.281	65	55	4.114	ng	# 7
51) 2,6-Dinitrotoluene	14.934	165	13517	12.503	ng	# 16
53) 3-Nitroaniline	15.098	138	67	2.972	ng	# 1
56) 4-Nitrophenol	15.598	139	53	4.957	ng	# 1
57) 2,4-Dinitrotoluene	14.934	165	13517	10.181	ng	# 17
74) Di-n-butylphthalate	18.606	149	184619	16.266	ng	99
80) Butylbenzylphthalate	20.927	149	391	4.903	ng	# 61
84) Bis(2-ethylhexyl)phtha...	21.820	149	861	4.198	ng	# 80
85) Di-n-octyl phthalate	23.165	149	328	4.363	ng	# 71

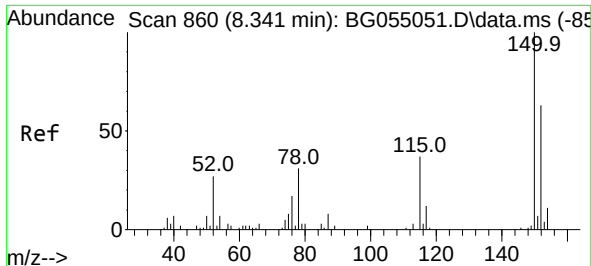
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
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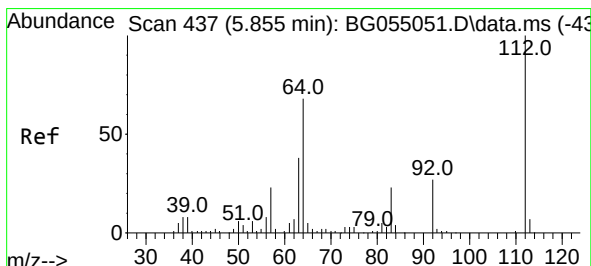
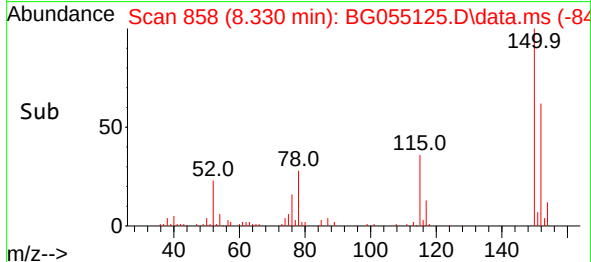
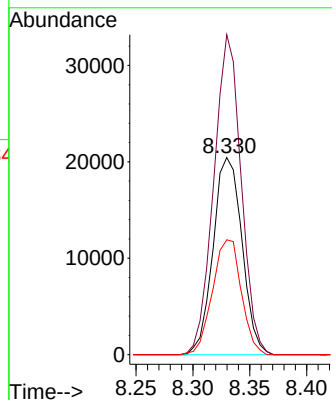
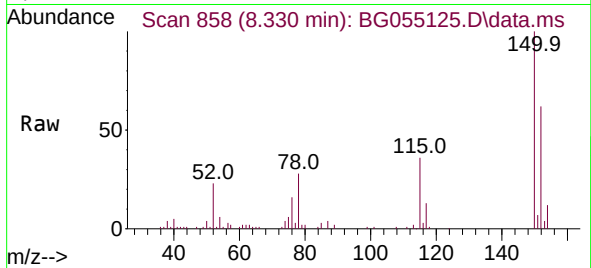




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.330 min Scan# 81
 Delta R.T. -0.008 min
 Lab File: BG055125.D
 Acq: 11 Oct 2022 13:13

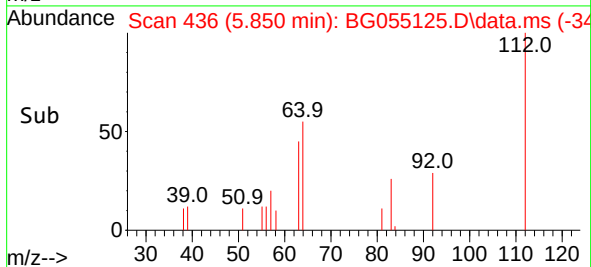
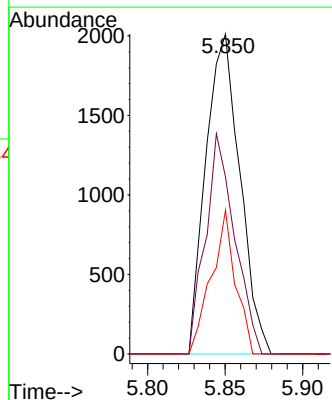
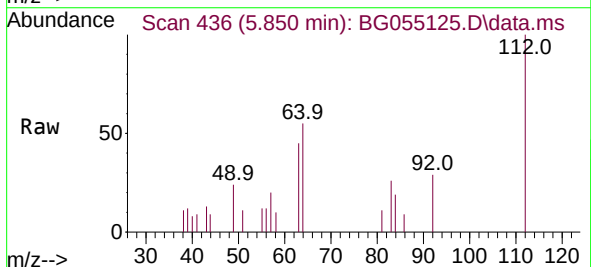
Instrument :
 BNA_G
 ClientSampleId :
 596C-1DL

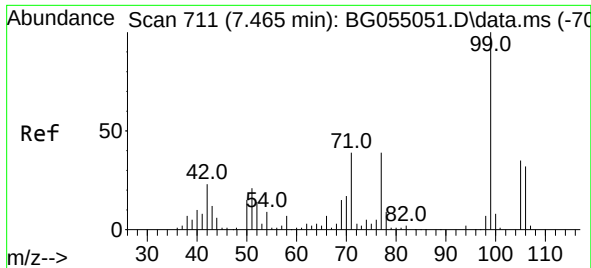
Tgt Ion:152 Resp: 36169
 Ion Ratio Lower Upper
 152 100
 150 162.3 128.0 192.0
 115 58.3 47.7 71.5



#5
 2-Fluorophenol
 Concen: 1.887 ng
 RT: 5.850 min Scan# 436
 Delta R.T. -0.002 min
 Lab File: BG055125.D
 Acq: 11 Oct 2022 13:13

Tgt Ion:112 Resp: 3072
 Ion Ratio Lower Upper
 112 100
 64 55.3 54.5 81.7
 63 45.0 30.5 45.7

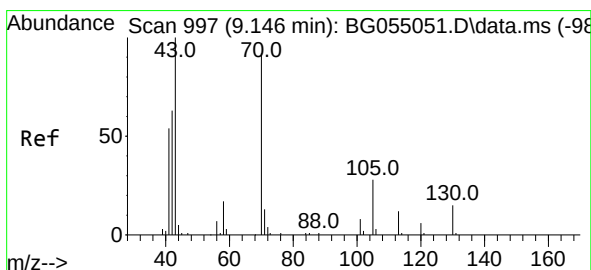
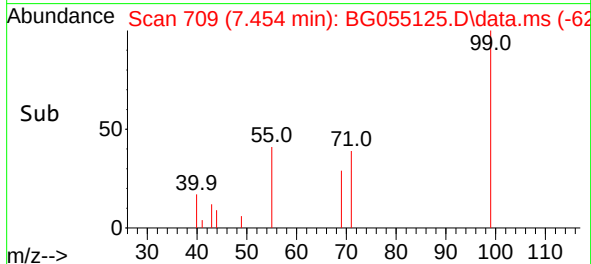
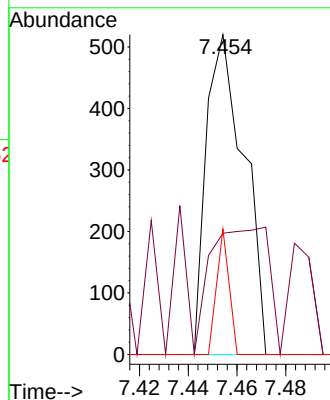
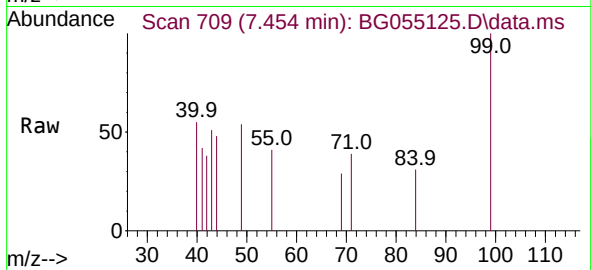




#7
Phenol-d6
Concen: 0.229 ng
RT: 7.454 min Scan# 70
Delta R.T. -0.008 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

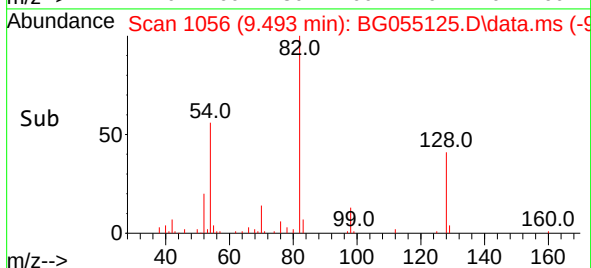
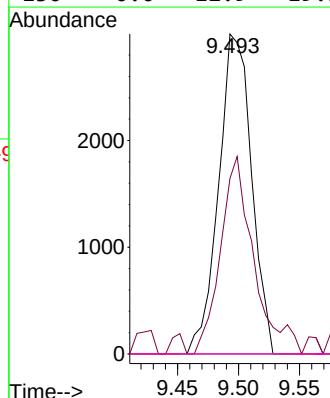
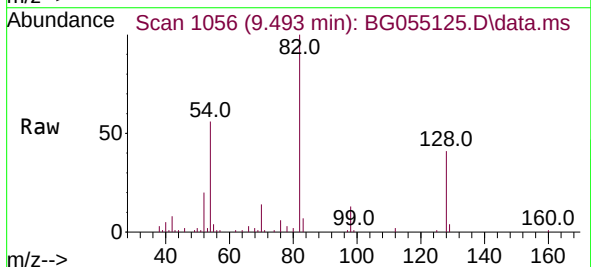
Instrument :
BNA_G
ClientSampleId :
596C-1DL

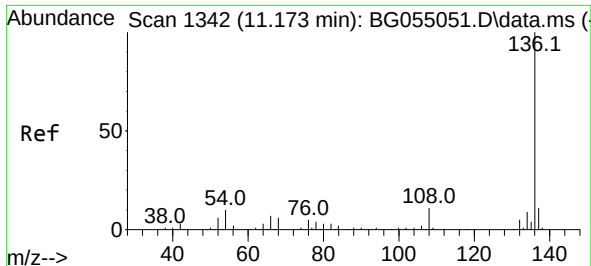
Tgt Ion: 99 Resp: 558
Ion Ratio Lower Upper
99 100
42 37.9 18.6 28.0#
71 39.2 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.382 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.356 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

Tgt Ion: 70 Resp: 5629
Ion Ratio Lower Upper
70 100
42 54.9 55.8 83.6#
101 0.0 7.1 10.7#
130 0.0 12.9 19.3#

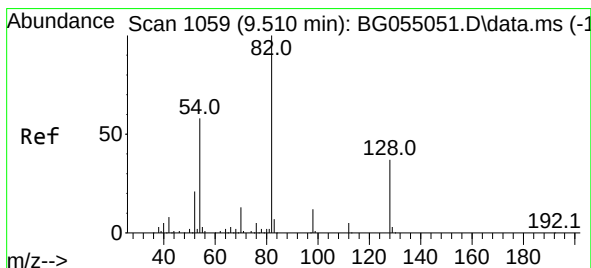
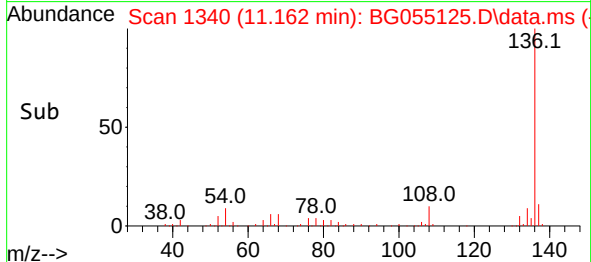
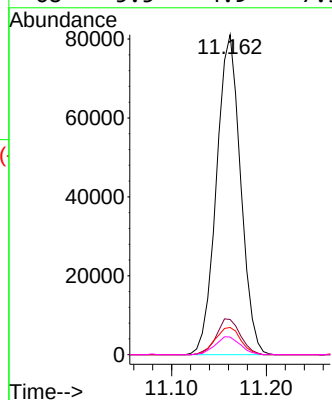
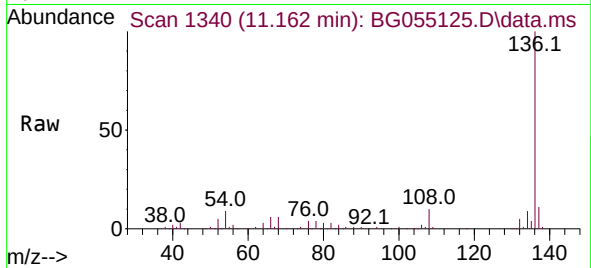




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.162 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

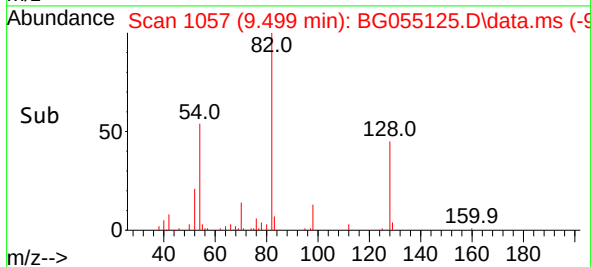
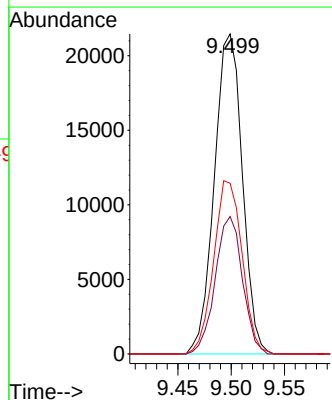
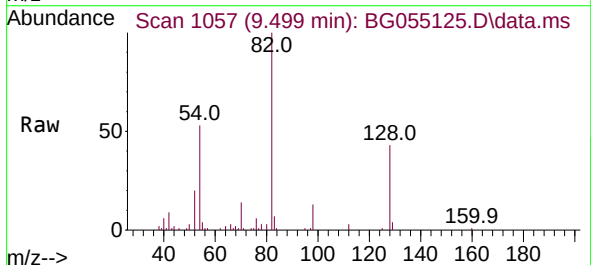
Instrument :
BNA_G
ClientSampleId :
596C-1DL

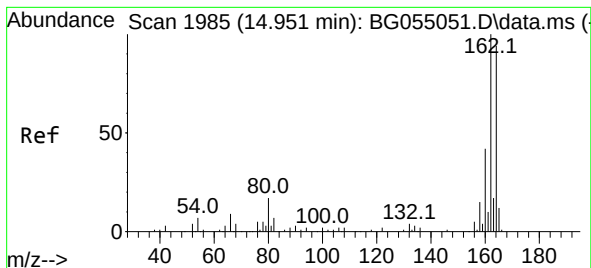
Tgt Ion:	136	Resp:	143346
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.5	8.2	12.4
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 16.313 ng
RT: 9.499 min Scan# 1057
Delta R.T. -0.008 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

Tgt Ion:	82	Resp:	39133
Ion	Ratio	Lower	Upper
82	100		
128	43.0	29.5	44.3
54	53.3	46.7	70.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.934 min Scan# 1982

Delta R.T. -0.008 min

Lab File: BG055125.D

Acq: 11 Oct 2022 13:13

Instrument :

BNA_G

ClientSampleId :

596C-1DL

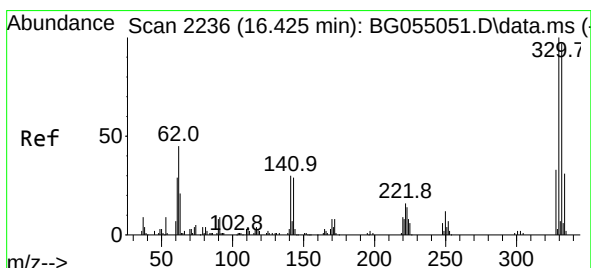
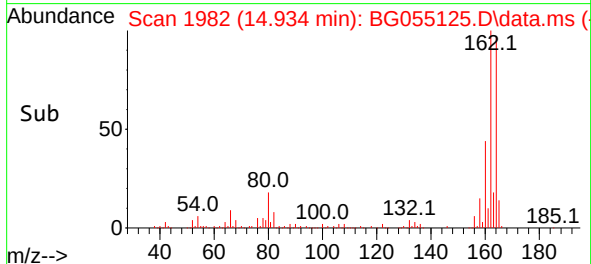
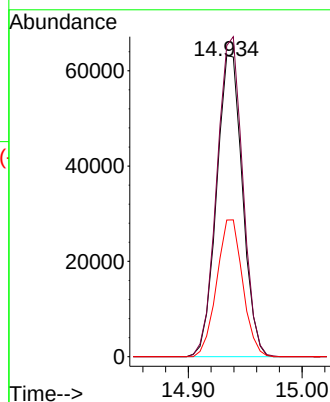
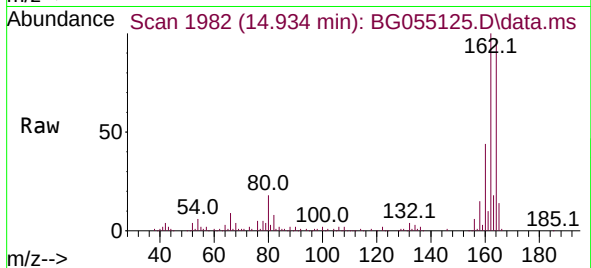
Tgt Ion:164 Resp: 100151

Ion Ratio Lower Upper

164 100

162 103.3 85.5 128.3

160 45.4 35.5 53.3



#42

2,4,6-Tribromophenol

Concen: 9.277 ng

RT: 16.414 min Scan# 2234

Delta R.T. -0.002 min

Lab File: BG055125.D

Acq: 11 Oct 2022 13:13

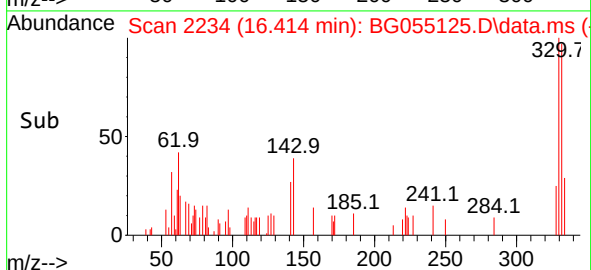
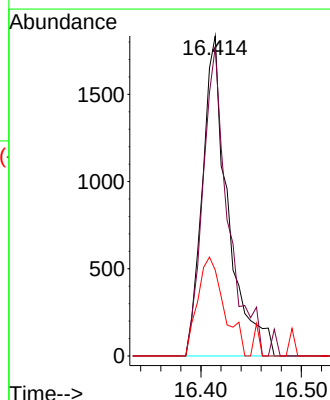
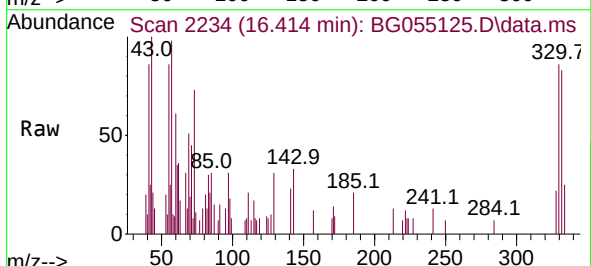
Tgt Ion:330 Resp: 3260

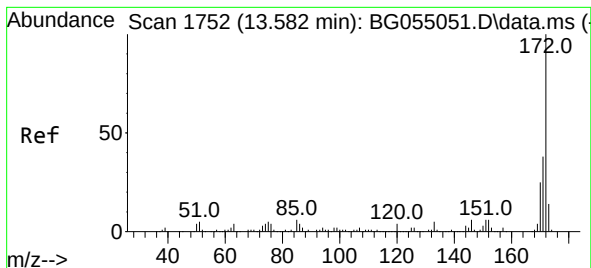
Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.0

141 31.8 25.0 37.4





#45

2-Fluorobiphenyl

Concen: 15.807 ng

RT: 13.565 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG055125.D

Acq: 11 Oct 2022 13:13

Instrument :

BNA_G

ClientSampleId :

596C-1DL

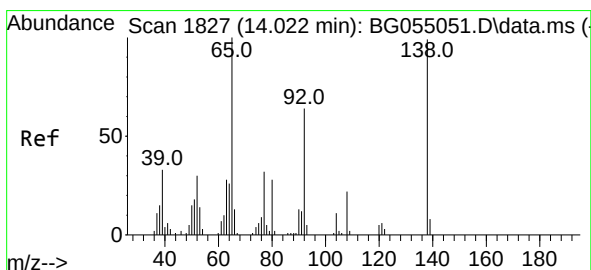
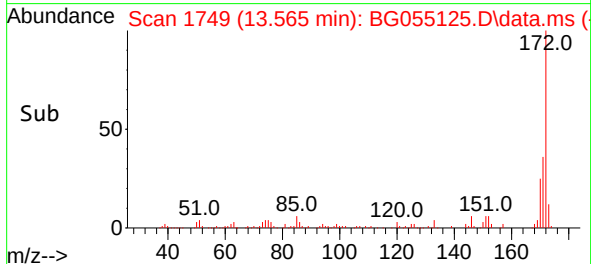
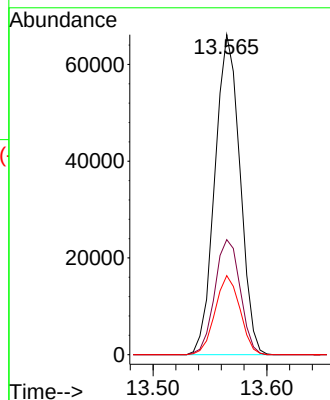
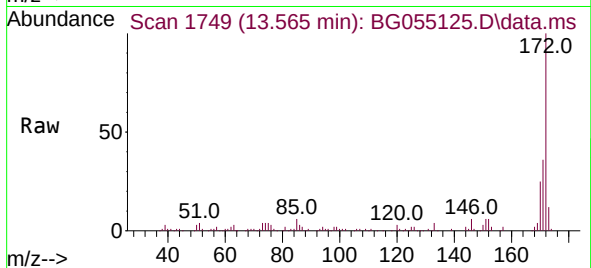
Tgt Ion:172 Resp: 101409

Ion Ratio Lower Upper

172 100

171 35.9 30.1 45.1

170 24.7 20.0 30.0



#48

2-Nitroaniline

Concen: 4.114 ng

RT: 14.281 min Scan# 1871

Delta R.T. 0.262 min

Lab File: BG055125.D

Acq: 11 Oct 2022 13:13

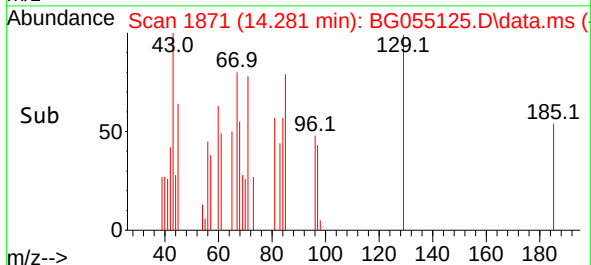
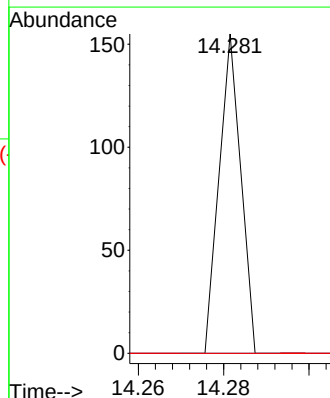
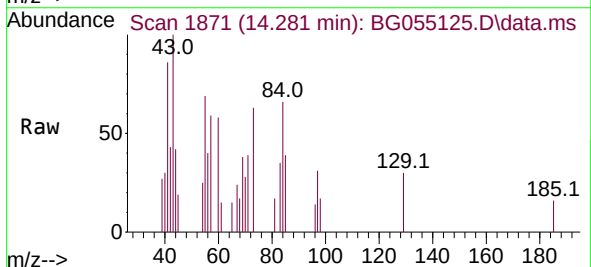
Tgt Ion: 65 Resp: 55

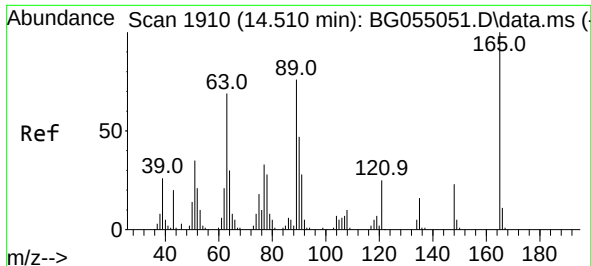
Ion Ratio Lower Upper

65 100

92 0.0 50.9 76.3#

138 0.0 79.5 119.3#

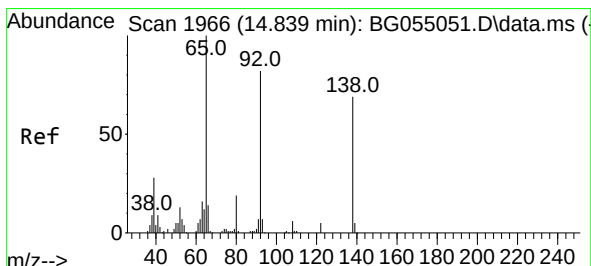
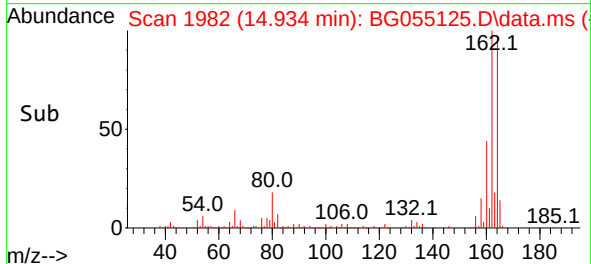
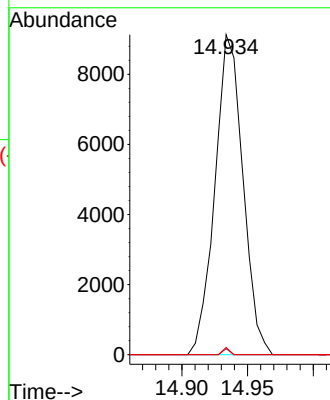
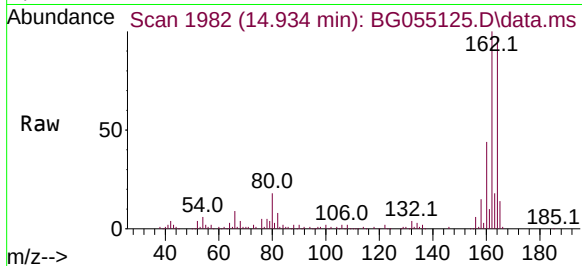




#51
2,6-Dinitrotoluene
Concen: 12.503 ng
RT: 14.934 min Scan# 1910
Delta R.T. 0.427 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

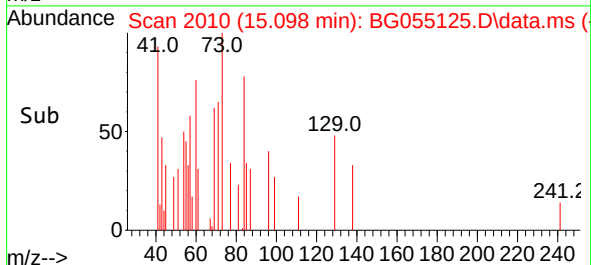
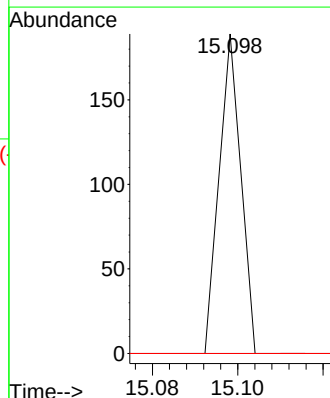
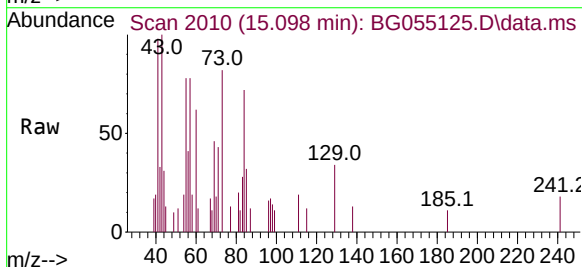
Instrument :
BNA_G
ClientSampleId :
596C-1DL

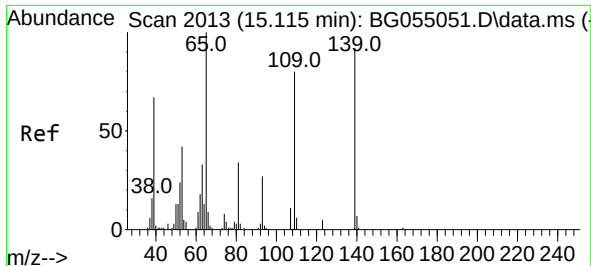
Tgt Ion:165 Resp: 13517
Ion Ratio Lower Upper
165 100
63 1.9 56.2 84.4#
89 2.3 60.4 90.6#



#53
3-Nitroaniline
Concen: 2.972 ng
RT: 15.098 min Scan# 2010
Delta R.T. 0.262 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

Tgt Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
108 0.0 6.9 10.3#
92 0.0 94.2 141.4#

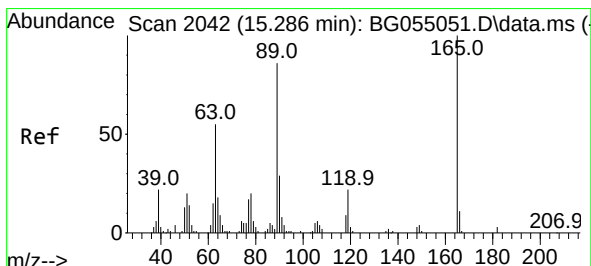
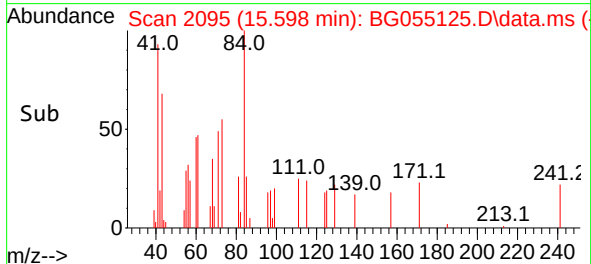
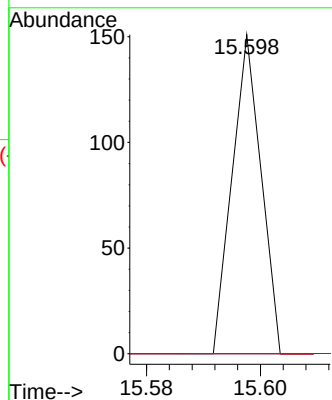
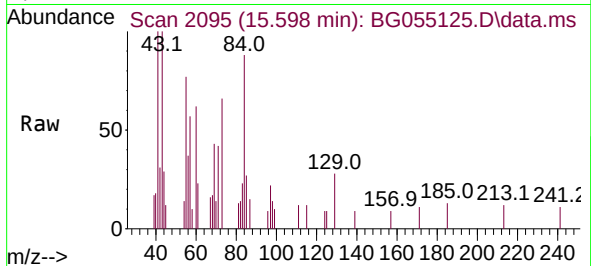




#56
4-Nitrophenol
Concen: 4.957 ng
RT: 15.598 min Scan# 2013
Delta R.T. 0.485 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

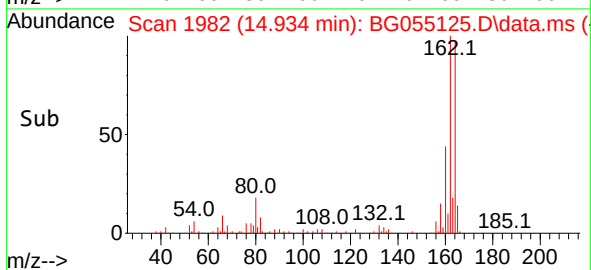
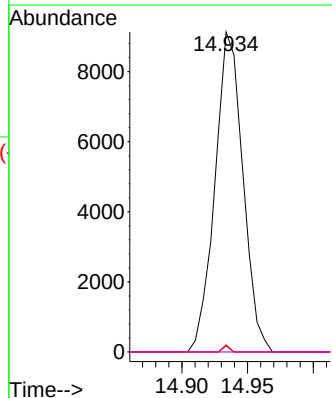
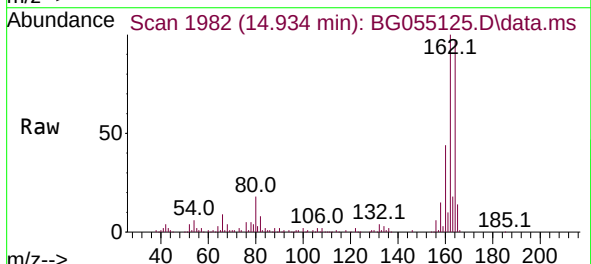
Instrument :
BNA_G
ClientSampleId :
596C-1DL

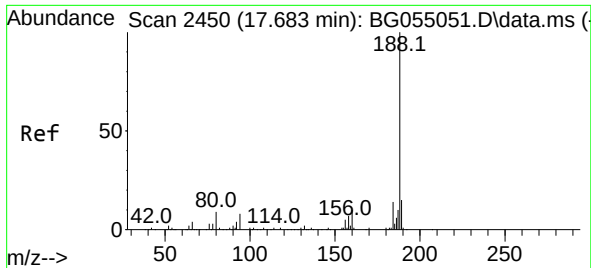
Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 0.0 66.6 106.6#
65 0.0 88.5 128.5#



#57
2,4-Dinitrotoluene
Concen: 10.181 ng
RT: 14.934 min Scan# 1982
Delta R.T. -0.349 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

Tgt Ion:165 Resp: 13517
Ion Ratio Lower Upper
165 100
63 1.9 44.2 66.2#
89 2.3 69.0 103.6#
182 0.0 2.2 3.4#

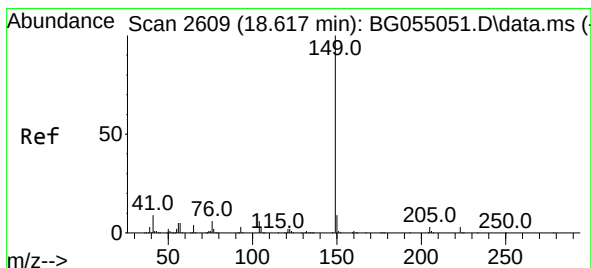
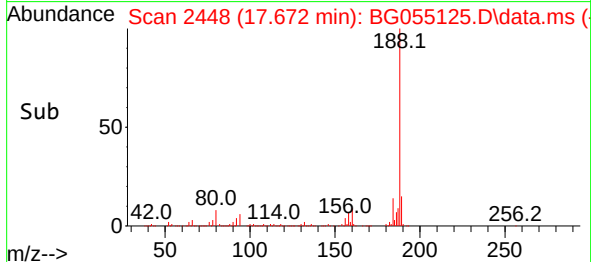
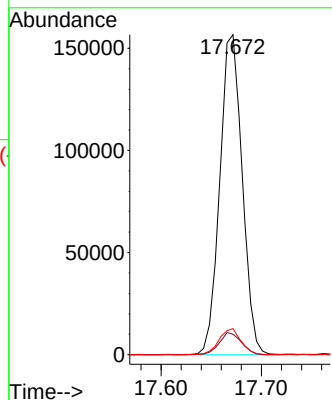
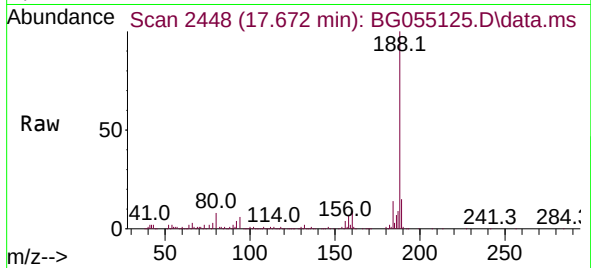




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.672 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

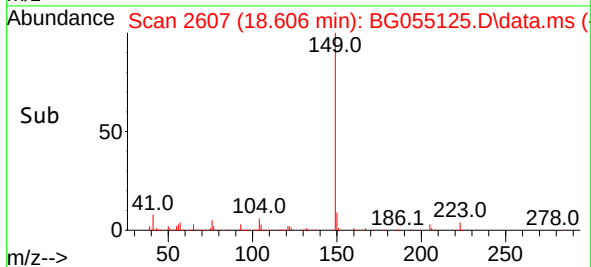
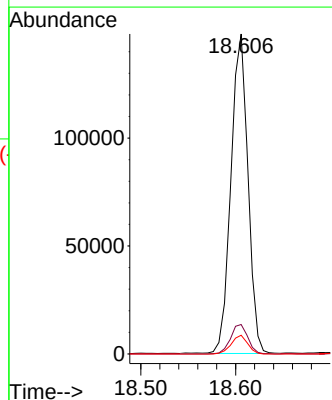
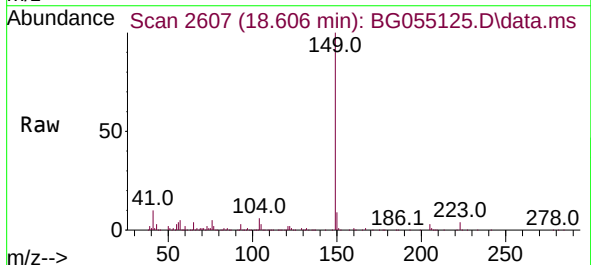
Instrument :
BNA_G
ClientSampleId :
596C-1DL

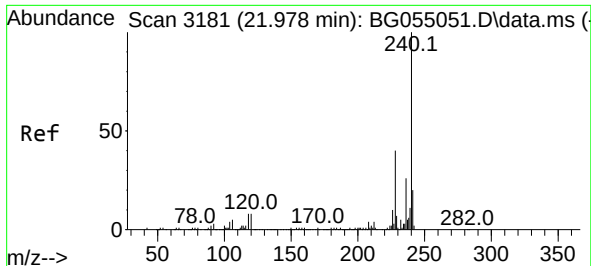
Tgt Ion:188 Resp: 242465
Ion Ratio Lower Upper
188 100
94 6.4 6.2 9.2
80 8.1 7.2 10.8



#74
Di-n-butylphthalate
Concen: 16.266 ng
RT: 18.606 min Scan# 2607
Delta R.T. -0.002 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

Tgt Ion:149 Resp: 184619
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.8 4.8 7.2

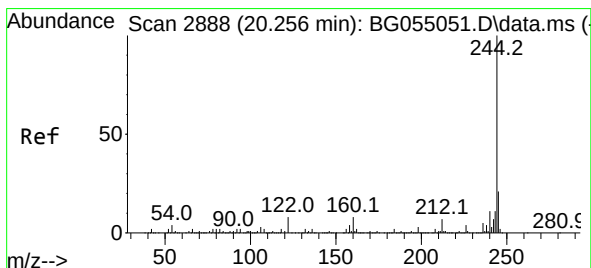
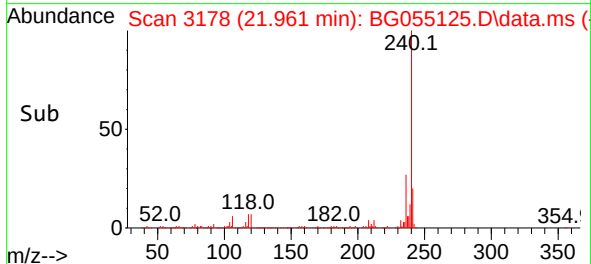
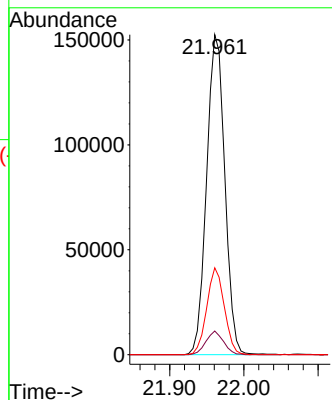
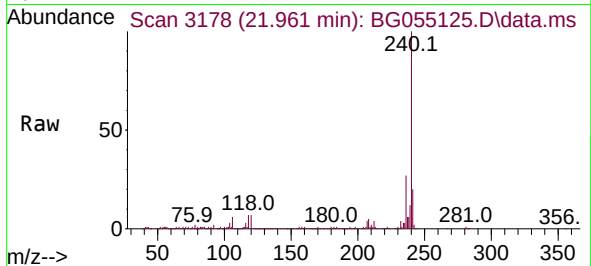




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.961 min Scan# 3181
Delta R.T. -0.008 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

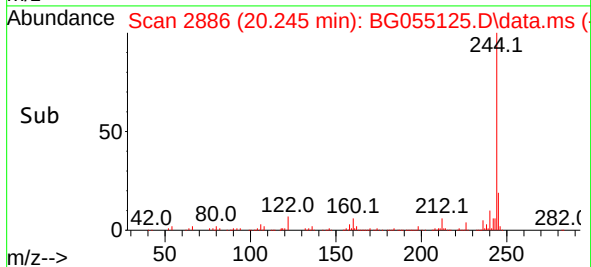
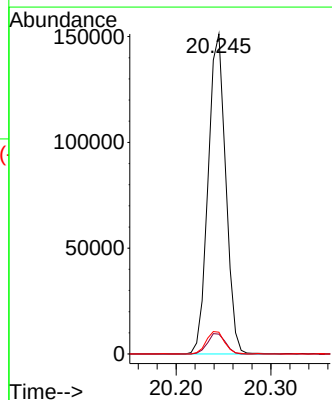
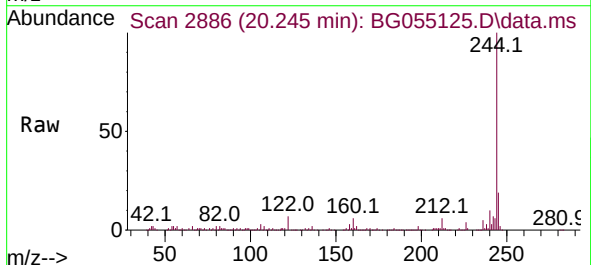
Instrument :
BNA_G
ClientSampleId :
596C-1DL

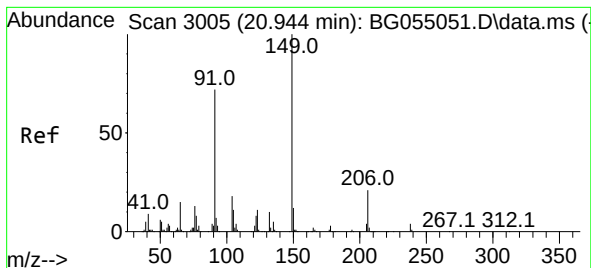
Tgt Ion:240 Resp: 260373
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.4
236 27.1 20.6 30.8



#79
Terphenyl-d14
Concen: 15.079 ng
RT: 20.245 min Scan# 2886
Delta R.T. -0.008 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

Tgt Ion:244 Resp: 194254
Ion Ratio Lower Upper
244 100
212 6.2 6.0 9.0
122 6.8 6.6 10.0





#80

Butylbenzylphthalate

Concen: 4.903 ng

RT: 20.927 min Scan# 3005

Delta R.T. -0.008 min

Lab File: BG055125.D

Acq: 11 Oct 2022 13:13

Instrument :

BNA_G

ClientSampleId :

596C-1DL

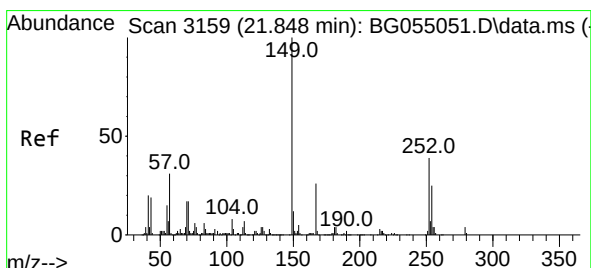
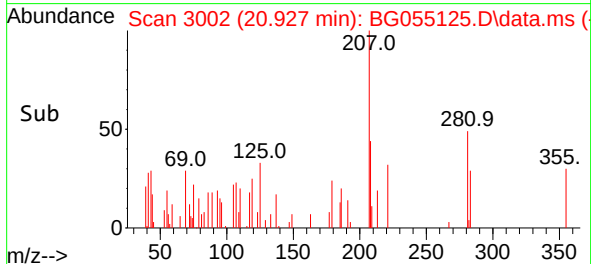
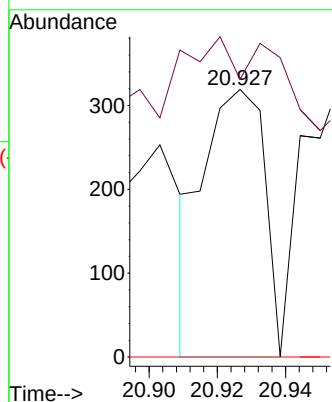
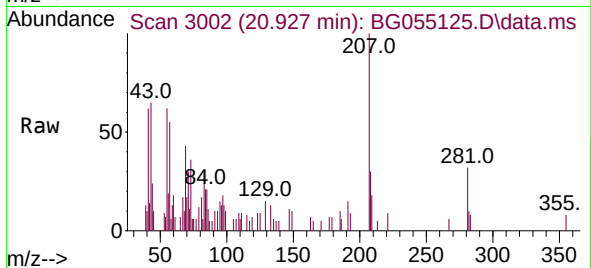
Tgt Ion:149 Resp: 391

Ion Ratio Lower Upper

149 100

91 103.8 57.8 86.8#

206 0.0 16.9 25.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.198 ng

RT: 21.820 min Scan# 3154

Delta R.T. -0.014 min

Lab File: BG055125.D

Acq: 11 Oct 2022 13:13

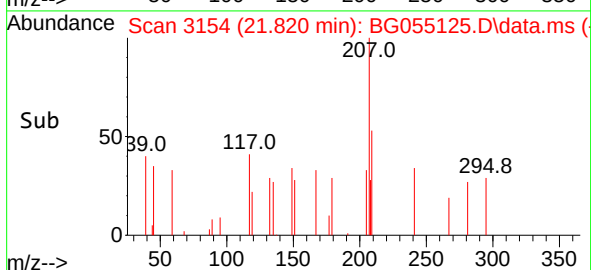
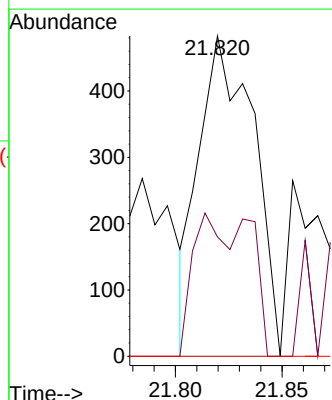
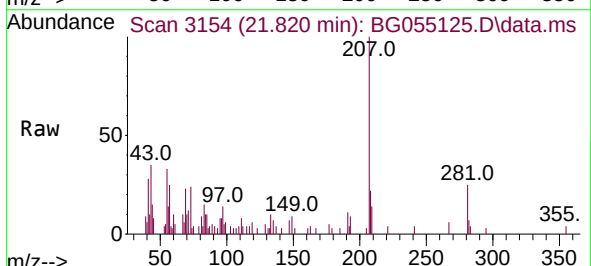
Tgt Ion:149 Resp: 861

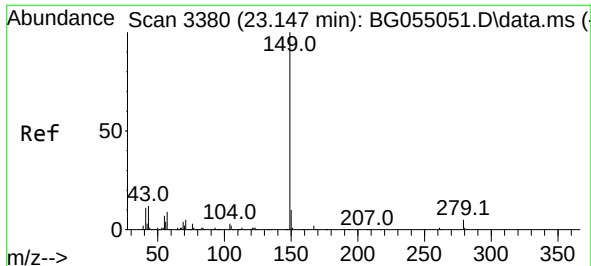
Ion Ratio Lower Upper

149 100

167 37.3 21.0 31.4#

279 0.0 3.4 5.2#

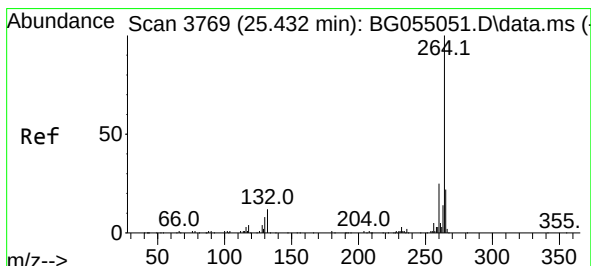
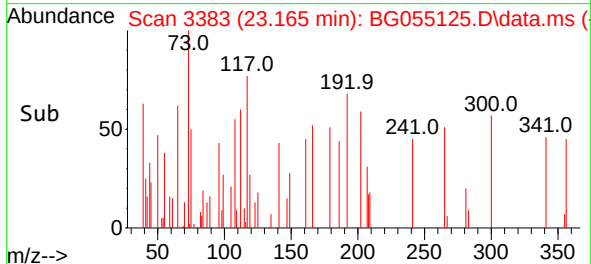
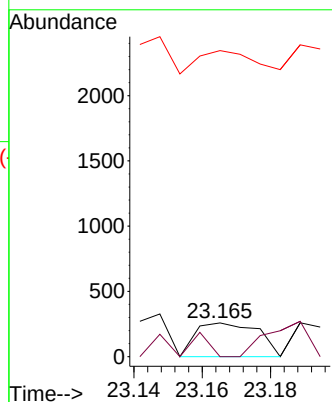
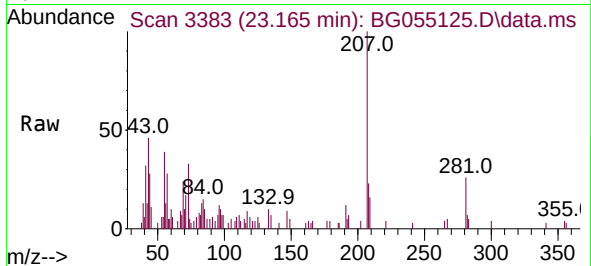




#85
Di-n-octyl phthalate
Concen: 4.363 ng
RT: 23.165 min Scan# 31
Delta R.T. 0.039 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

Instrument :
BNA_G
ClientSampleId :
596C-1DL

Tgt Ion:149 Resp: 328
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 10.2 15.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.410 min Scan# 3765
Delta R.T. -0.008 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

Tgt Ion:264 Resp: 280244
Ion Ratio Lower Upper
264 100
260 23.8 19.7 29.5
265 20.8 17.8 26.6

