

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)

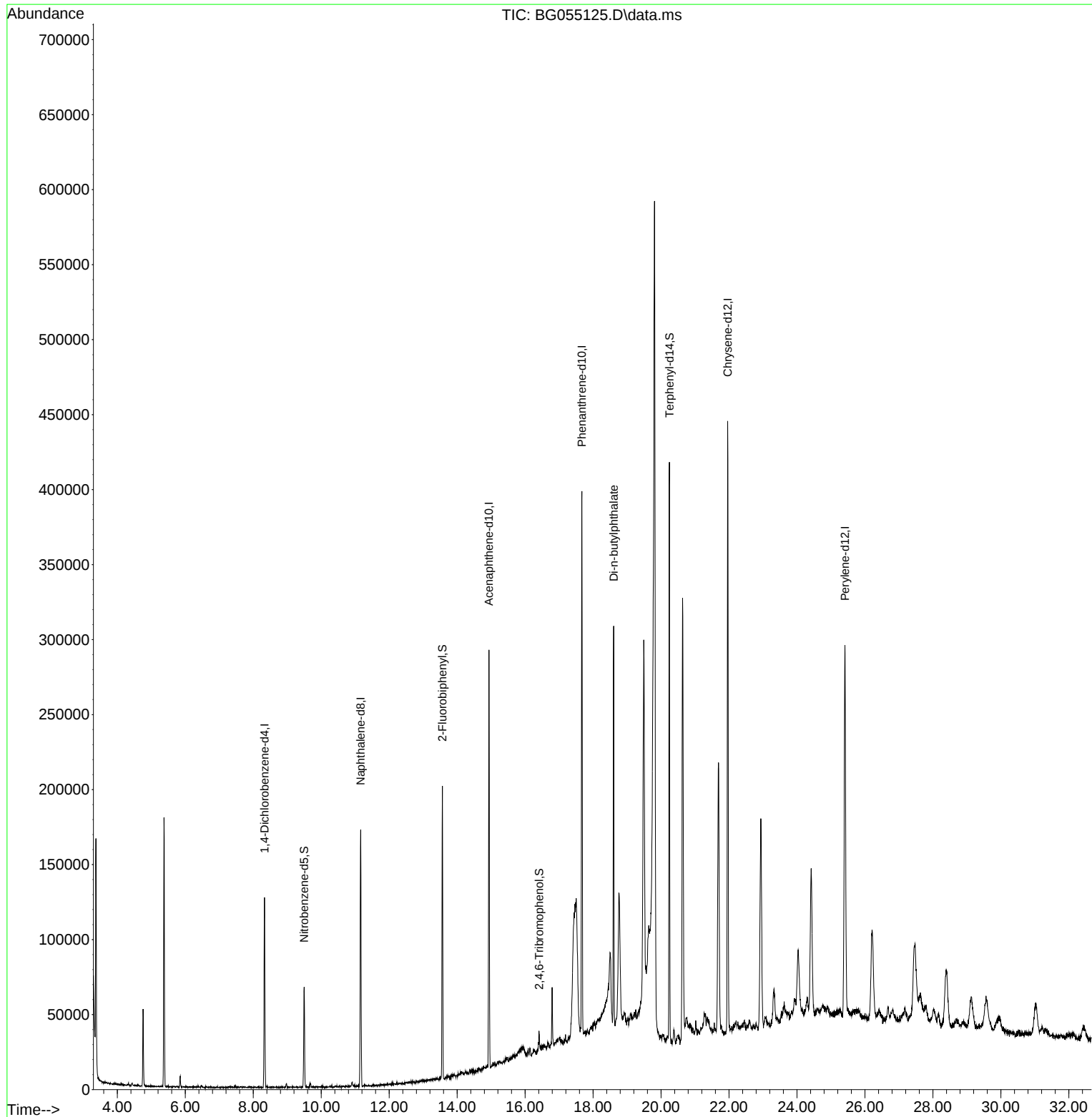
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.330	152	36169	20.000	ng	0.00
21) Naphthalene-d8	11.162	136	143346	20.000	ng	0.00
39) Acenaphthene-d10	14.934	164	100151	20.000	ng	0.00
64) Phenanthrene-d10	17.672	188	242465	20.000	ng	0.00
76) Chrysene-d12	21.961	240	260373	20.000	ng	0.00
86) Perylene-d12	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						
74) Di-n-butylphthalate	18.606	149	184619	16.266	ng	Qvalue 99

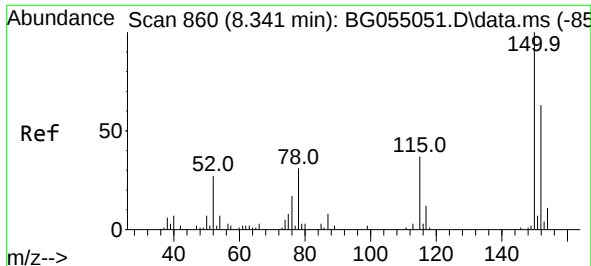
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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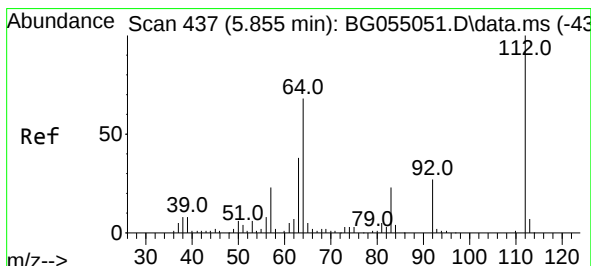
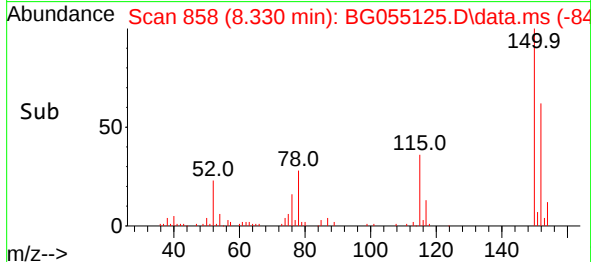
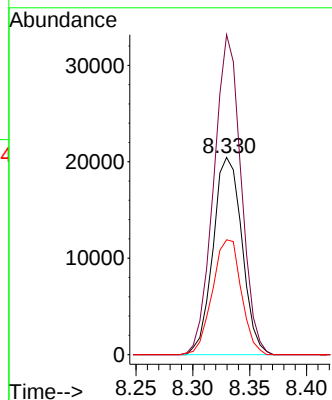
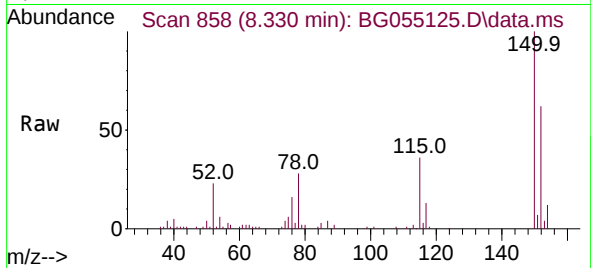




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.330 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

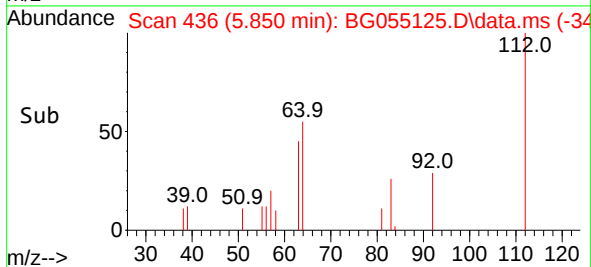
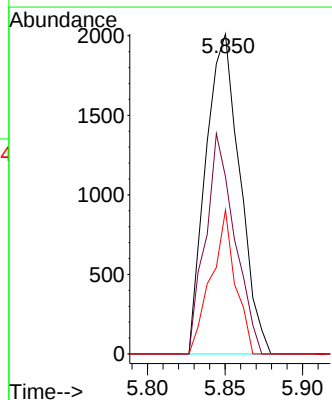
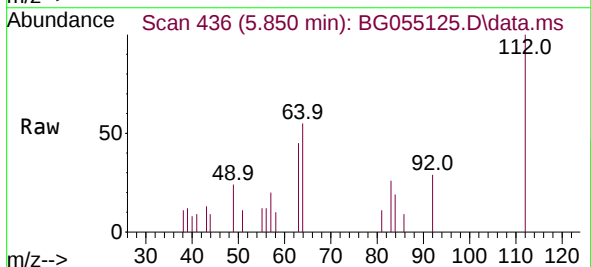
Instrument :
BNA_G
ClientSampleId :
596C-1DL

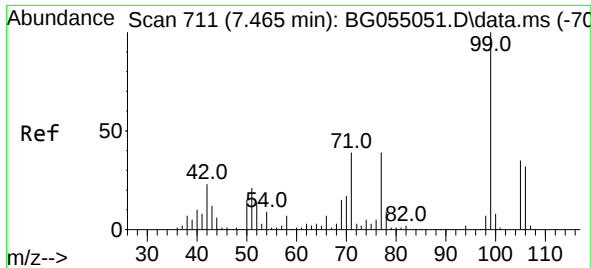
Tgt Ion:152 Resp: 36169
Ion Ratio Lower Upper
152 100
150 162.3 128.0 192.0
115 58.3 47.7 71.5



#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

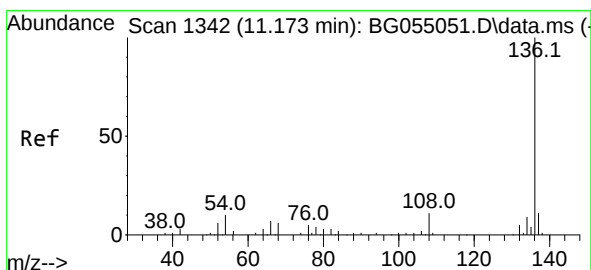
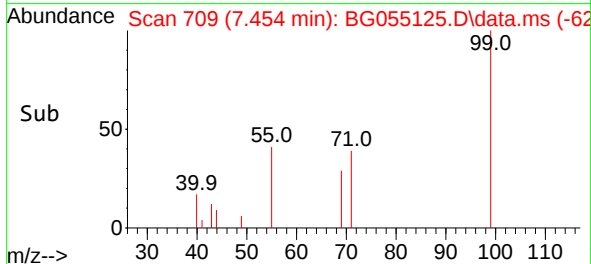
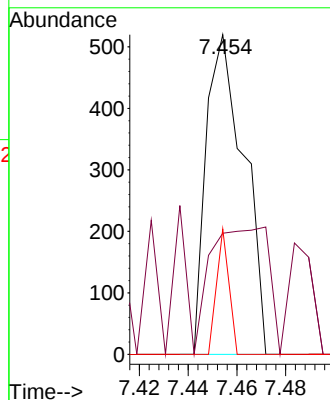
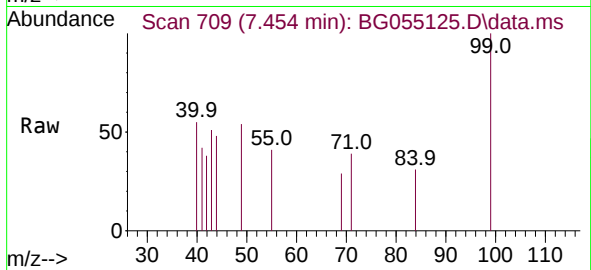




#7
Phenol-d6
Concen: 0.229 ng
RT: 7.454 min Scan# 709
Delta R.T. -0.008 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

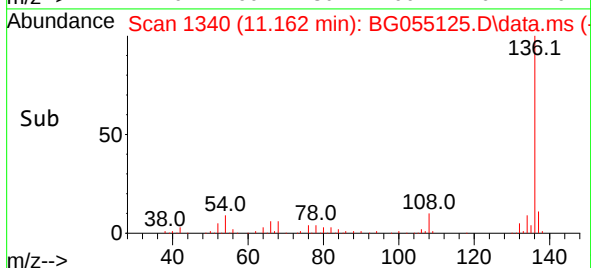
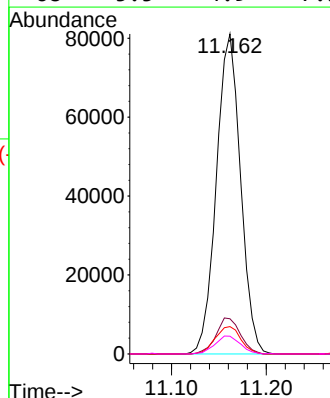
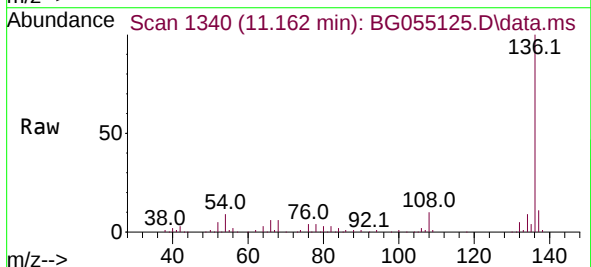
Instrument :
BNA_G
ClientSampleId :
596C-1DL

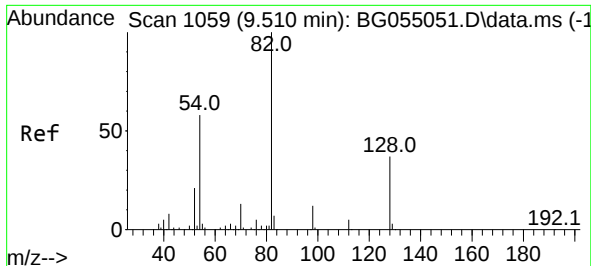
Tgt Ion: 99 Resp: 558
Ion Ratio Lower Upper
99 100
42 37.9 18.6 28.0#
71 39.2 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.162 min Scan# 1340
Delta R.T. -0.008 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

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

Instrument :

BNA_G

ClientSampleId :

596C-1DL

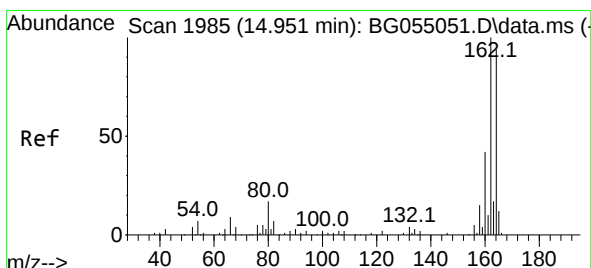
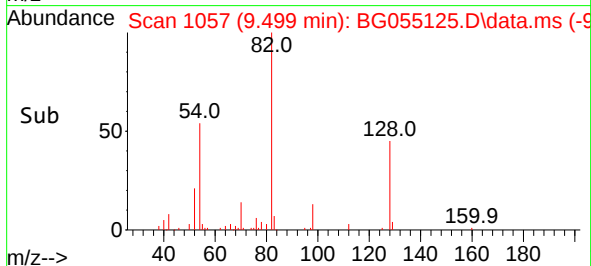
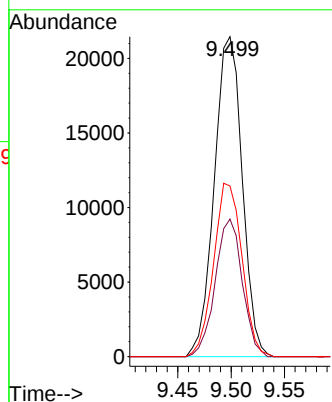
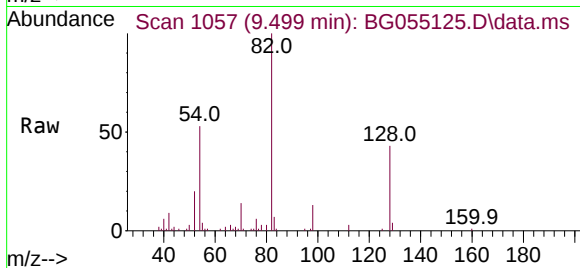
Tgt Ion: 82 Resp: 39133

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

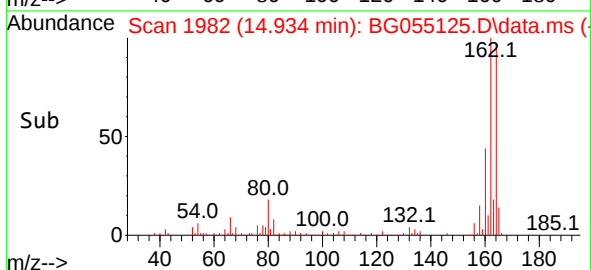
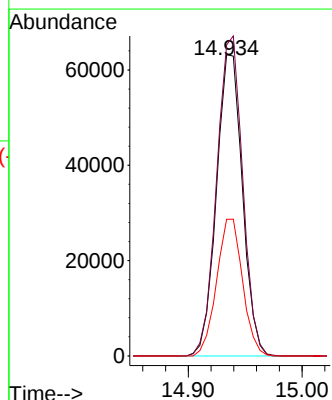
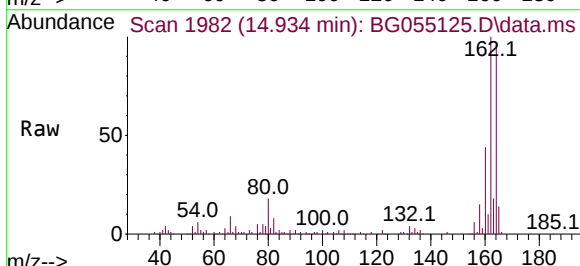
Tgt Ion: 164 Resp: 100151

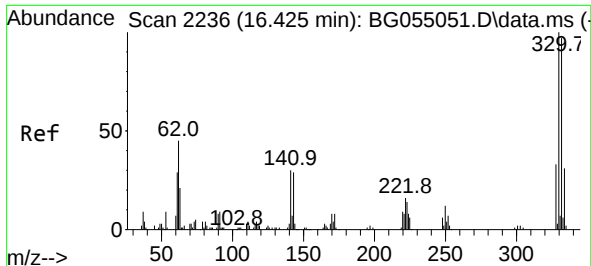
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.002 min

Lab File: BG055125.D

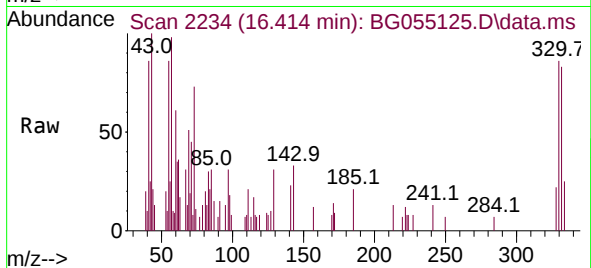
Acq: 11 Oct 2022 13:13

Instrument :

BNA_G

ClientSampleId :

596C-1DL



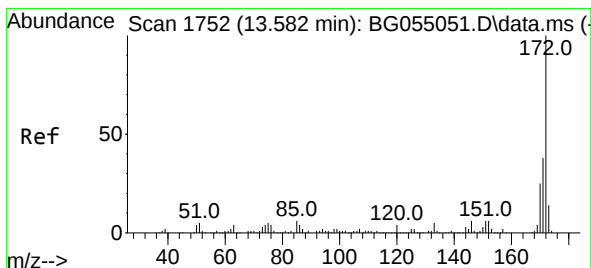
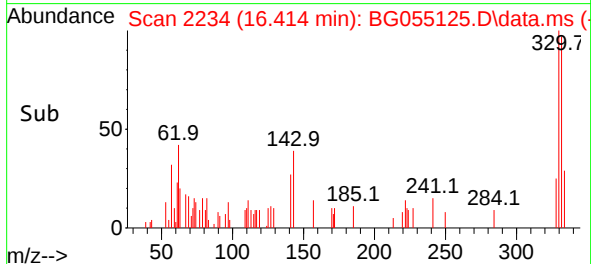
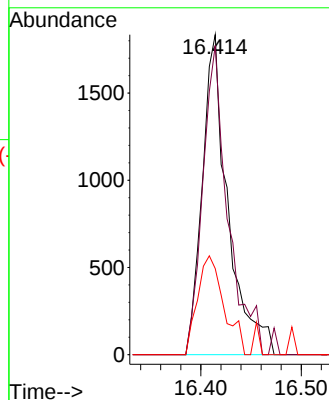
Tgt Ion:330 Resp: 3260

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# 1749

Delta R.T. -0.008 min

Lab File: BG055125.D

Acq: 11 Oct 2022 13:13

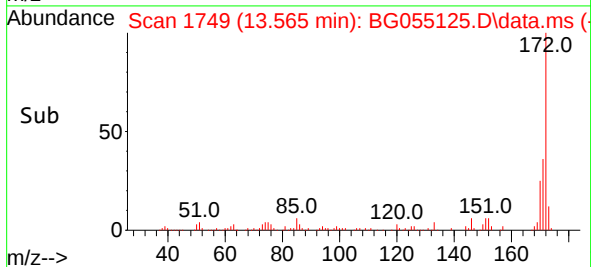
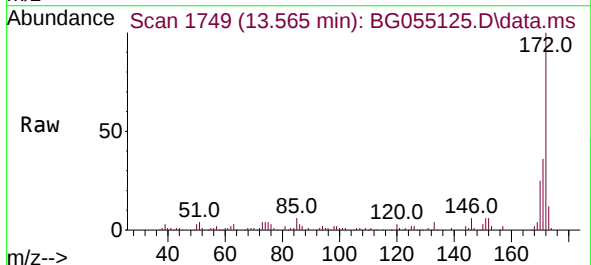
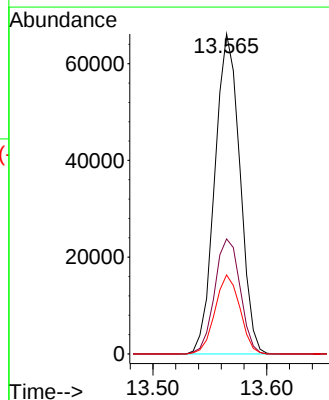
Tgt Ion:172 Resp: 101409

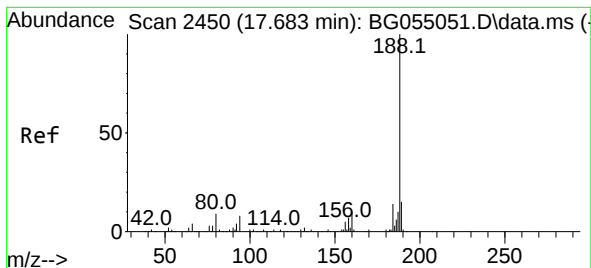
Ion Ratio Lower Upper

172 100

171 35.9 30.1 45.1

170 24.7 20.0 30.0





#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

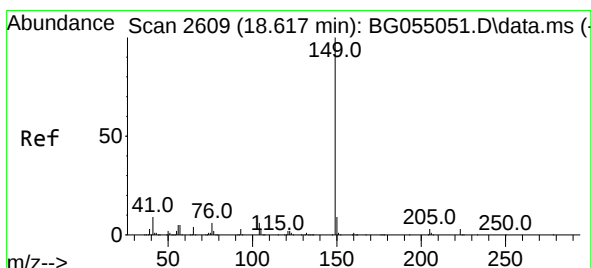
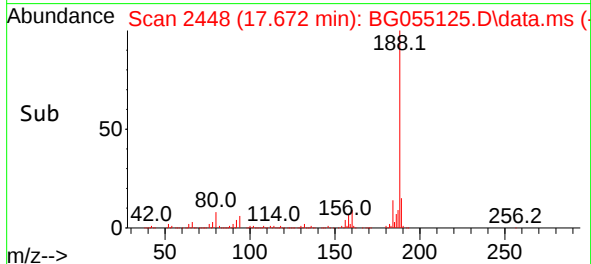
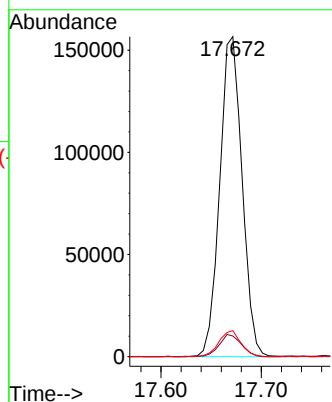
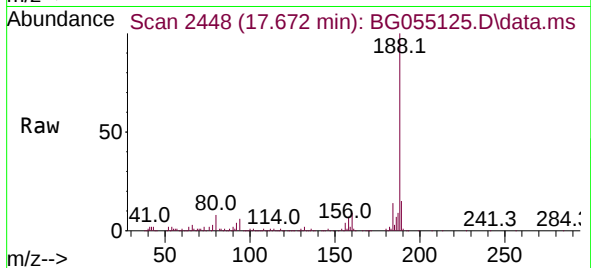
Tgt Ion:188 Resp: 242465

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

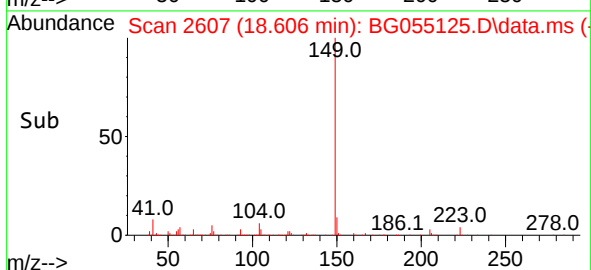
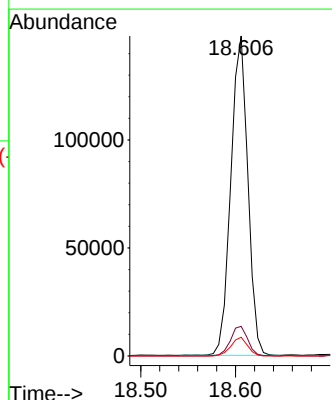
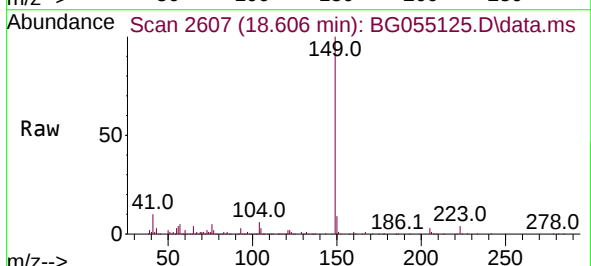
Tgt Ion:149 Resp: 184619

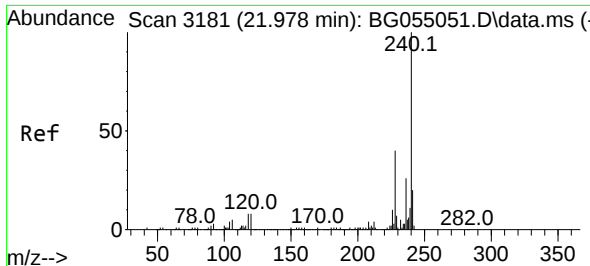
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.8 4.8 7.2

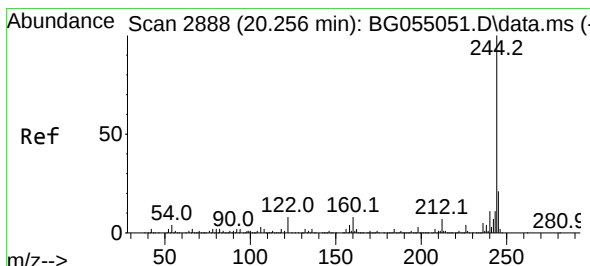
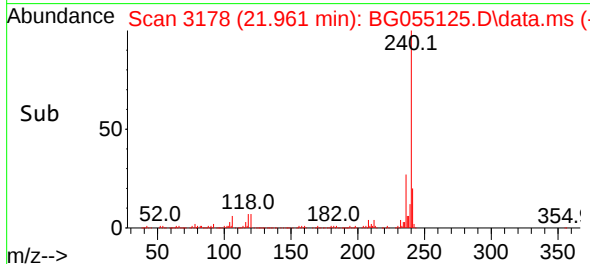
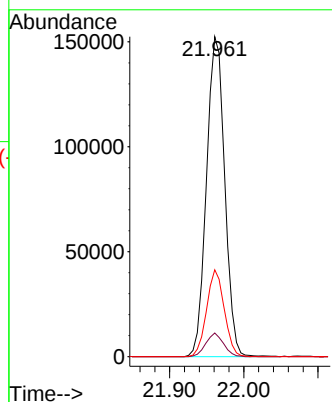
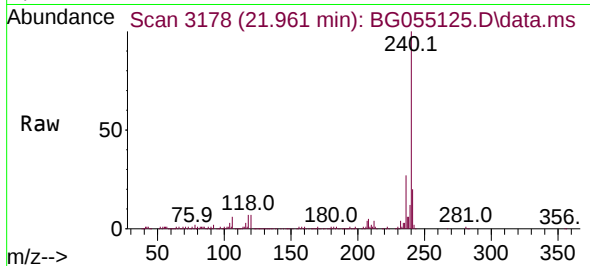




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.961 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG055125.D
Acq: 11 Oct 2022 13:13

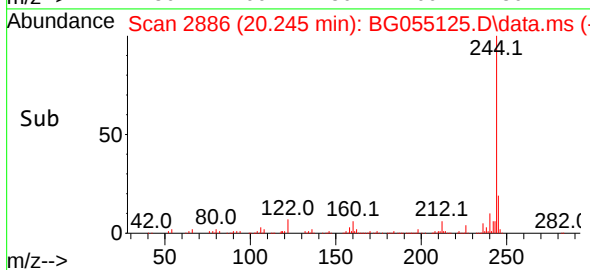
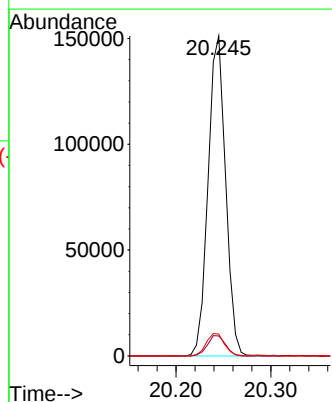
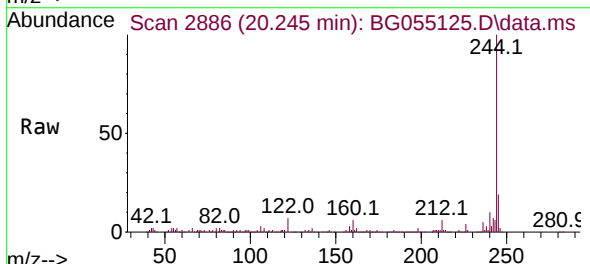
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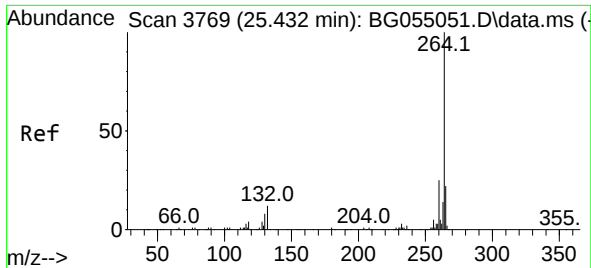
Tgt Ion:240 Resp: 260373
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.4
236 27.1 20.6 30.8



#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

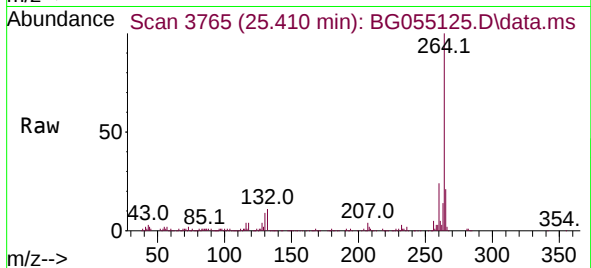
Tgt Ion:244 Resp: 194254
Ion Ratio Lower Upper
244 100
212 6.2 6.0 9.0
122 6.8 6.6 10.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.410 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BG055125.D
 Acq: 11 Oct 2022 13:13

Instrument :
 BNA_G
 ClientSampleId :
 596C-1DL



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

