

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055105.D
 Acq On : 7 Oct 2022 19:03
 Operator : CG/JU
 Sample : N5033-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 596C-1

Quant Time: Oct 08 03:10:55 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)

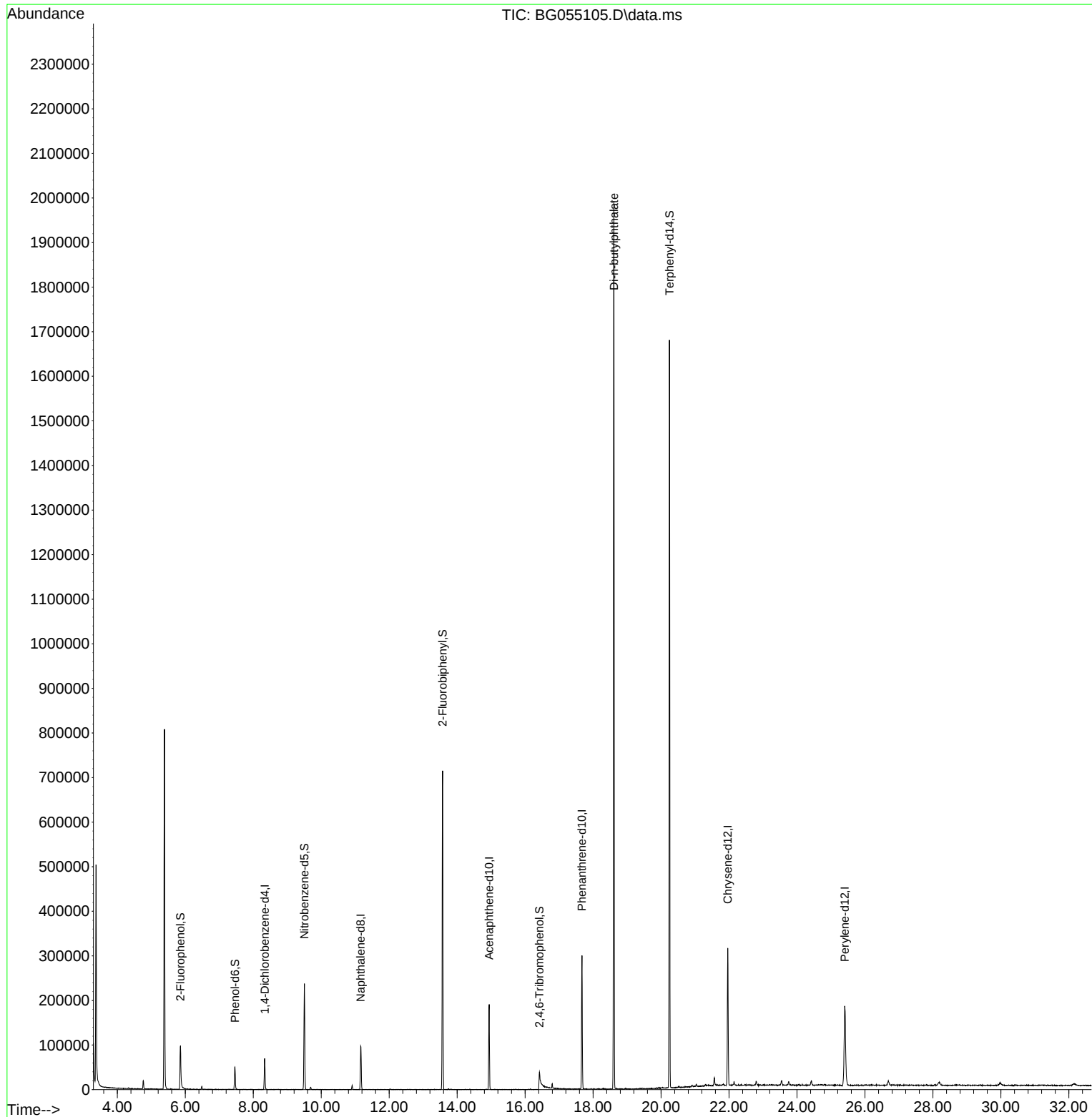
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	20192	20.000	ng	0.00
21) Naphthalene-d8	11.163	136	84897	20.000	ng	# 0.00
39) Acenaphthene-d10	14.941	164	68212	20.000	ng	0.00
64) Phenanthrene-d10	17.673	188	194105	20.000	ng	0.00
76) Chrysene-d12	21.962	240	201084	20.000	ng	0.00
86) Perylene-d12	25.405	264	211716	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.857	112	54089	59.498	ng	0.00
7) Phenol-d6	7.461	99	28998	21.289	ng	0.00
23) Nitrobenzene-d5	9.506	82	139184	97.964	ng	0.00
42) 2,4,6-Tribromophenol	16.421	330	20737	34.134	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	375804	86.008	ng	0.00
79) Terphenyl-d14	20.246	244	841825	84.616	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.613	149	1428741	157.241	ng	Qvalue 98

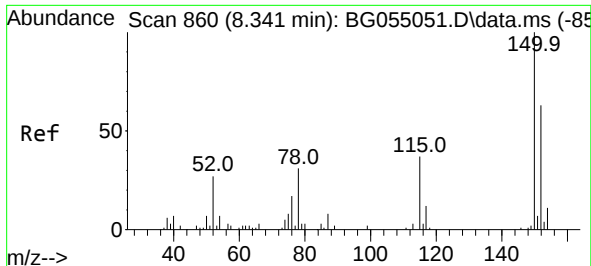
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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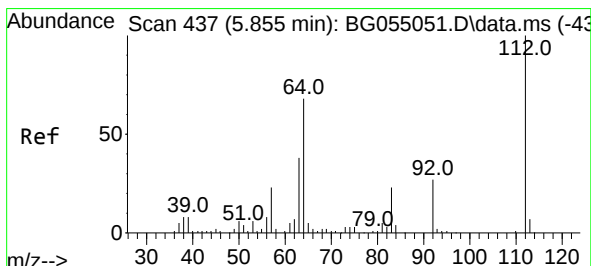
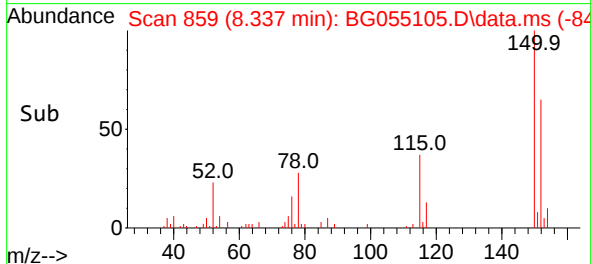
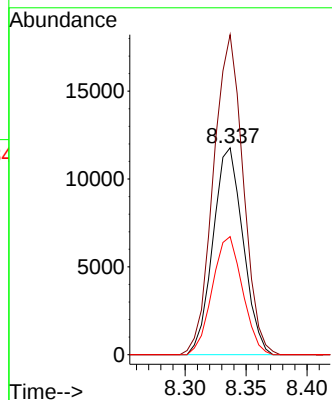
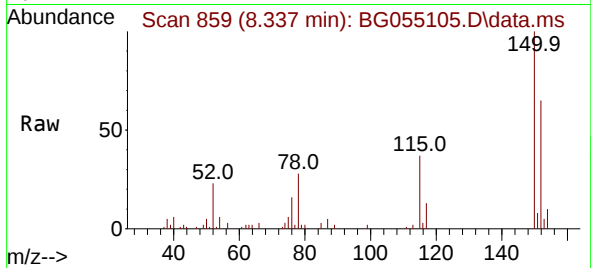




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

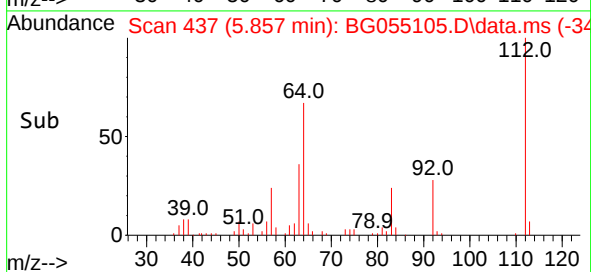
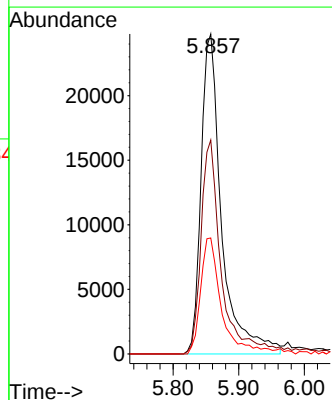
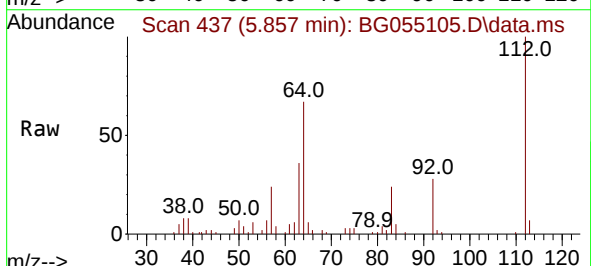
Instrument :
BNA_G
ClientSampleId :
596C-1

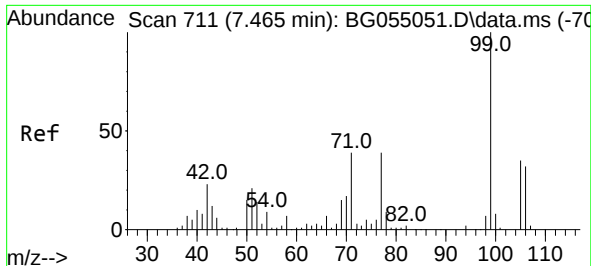
Tgt Ion:152 Resp: 20192
Ion Ratio Lower Upper
152 100
150 154.6 128.0 192.0
115 57.1 47.7 71.5



#5
2-Fluorophenol
Concen: 59.498 ng
RT: 5.857 min Scan# 437
Delta R.T. 0.005 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Tgt Ion:112 Resp: 54089
Ion Ratio Lower Upper
112 100
64 66.8 54.5 81.7
63 36.3 30.5 45.7

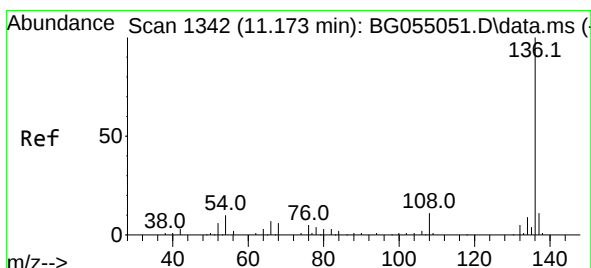
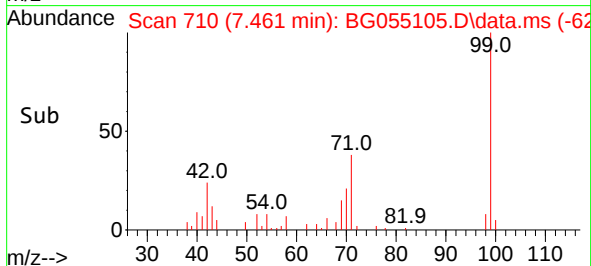
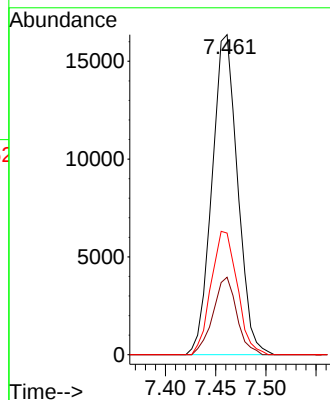
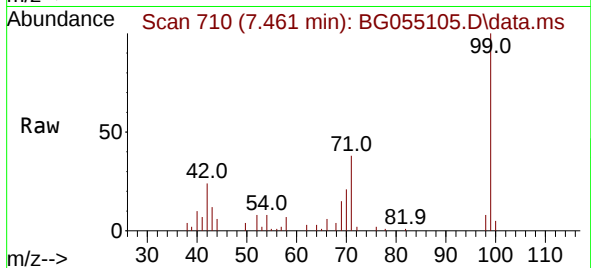




#7
Phenol-d6
Concen: 21.289 ng
RT: 7.461 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

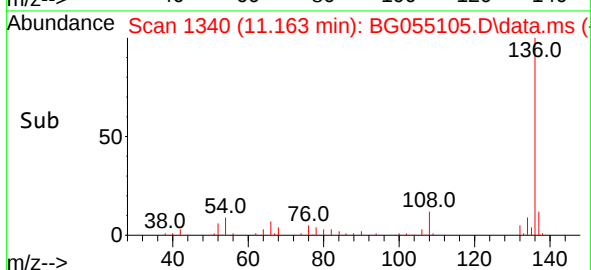
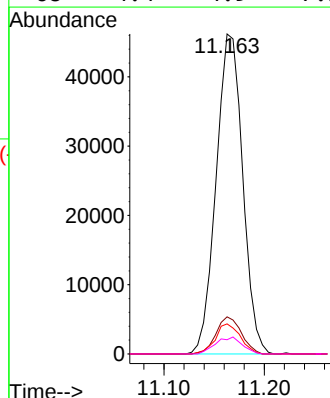
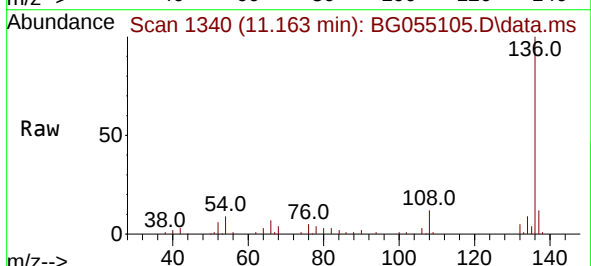
Instrument :
BNA_G
ClientSampleId :
596C-1

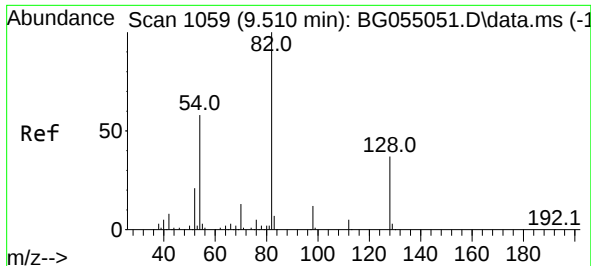
Tgt Ion: 99 Resp: 28998
Ion Ratio Lower Upper
99 100
42 24.2 18.6 28.0
71 38.0 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.163 min Scan# 1340
Delta R.T. -0.007 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Tgt Ion:136 Resp: 84897
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 9.4 8.2 12.4
68 4.4 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 97.964 ng

RT: 9.506 min Scan# 1058

Delta R.T. -0.001 min

Lab File: BG055105.D

Acq: 7 Oct 2022 19:03

Instrument :

BNA_G

ClientSampleId :

596C-1

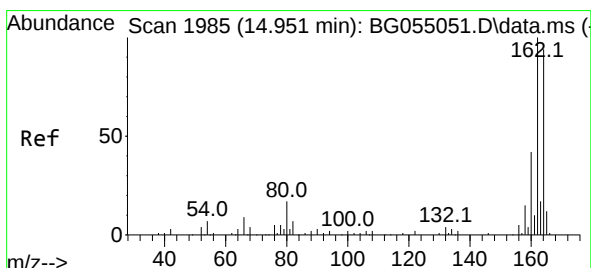
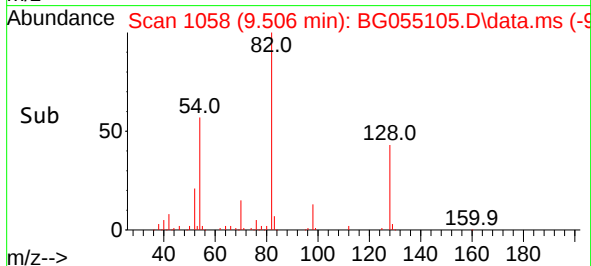
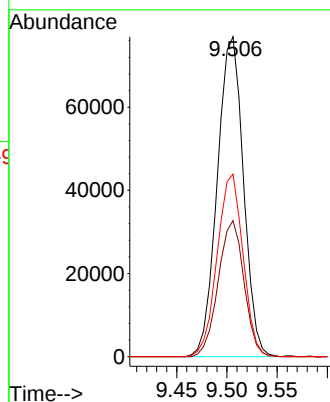
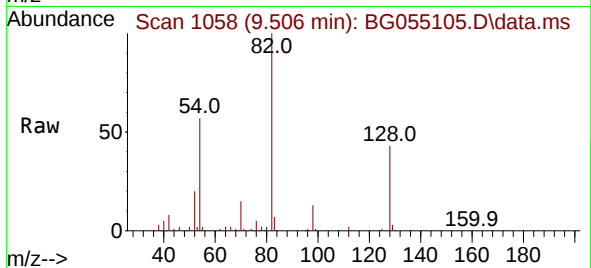
Tgt Ion: 82 Resp: 139184

Ion Ratio Lower Upper

82 100

128 42.5 29.5 44.3

54 57.1 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.941 min Scan# 1983

Delta R.T. -0.001 min

Lab File: BG055105.D

Acq: 7 Oct 2022 19:03

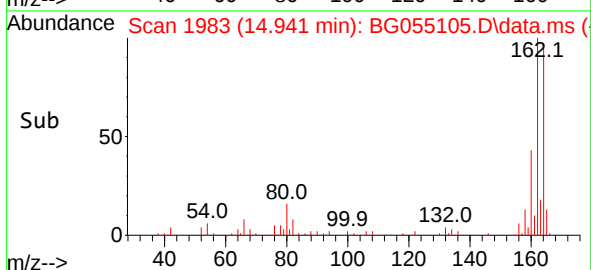
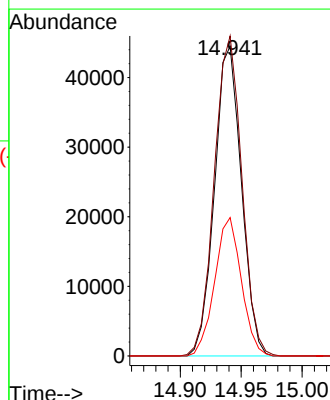
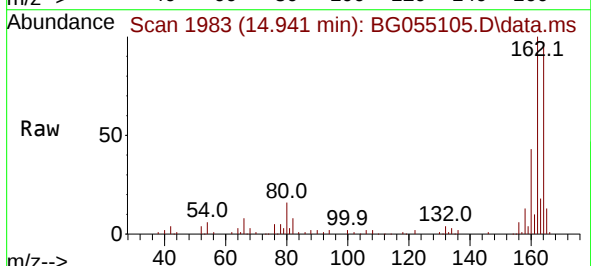
Tgt Ion: 164 Resp: 68212

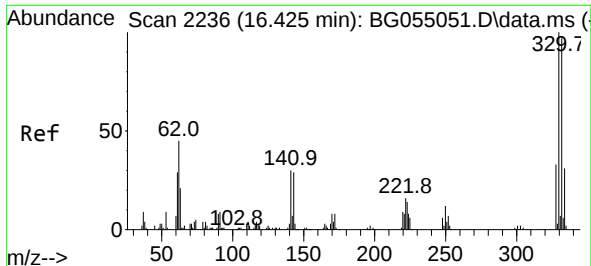
Ion Ratio Lower Upper

164 100

162 103.3 85.5 128.3

160 44.7 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 34.134 ng

RT: 16.421 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG055105.D

Acq: 7 Oct 2022 19:03

Instrument :

BNA_G

ClientSampleId :

596C-1

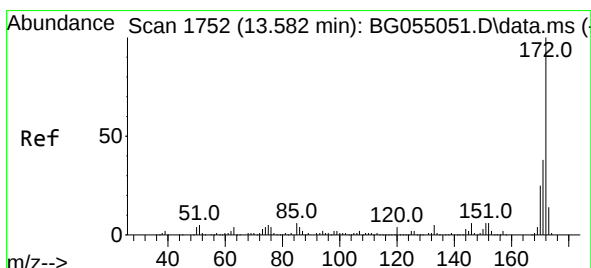
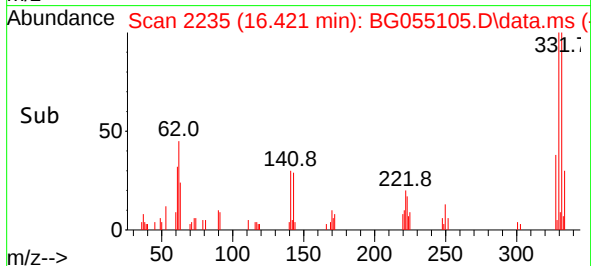
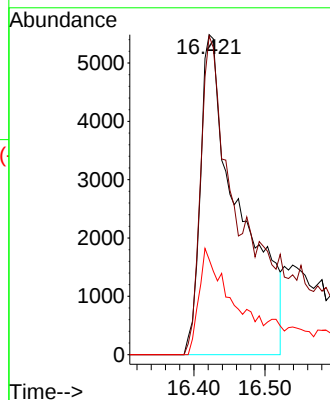
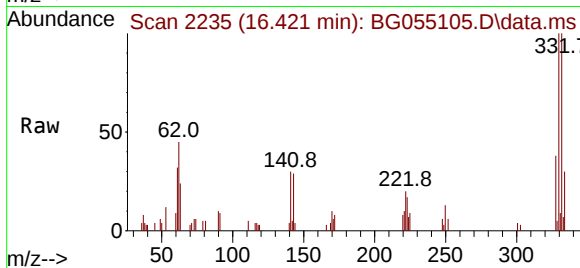
Tgt Ion:330 Resp: 20737

Ion Ratio Lower Upper

330 100

332 70.7 77.4 116.0#

141 29.4 25.0 37.4



#45

2-Fluorobiphenyl

Concen: 86.008 ng

RT: 13.572 min Scan# 1750

Delta R.T. -0.001 min

Lab File: BG055105.D

Acq: 7 Oct 2022 19:03

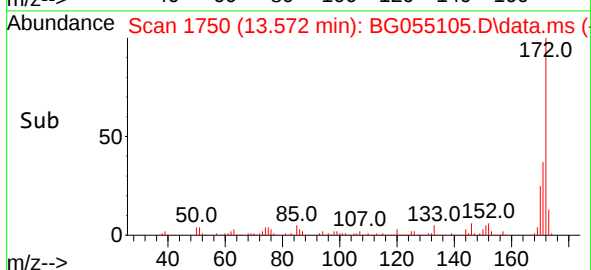
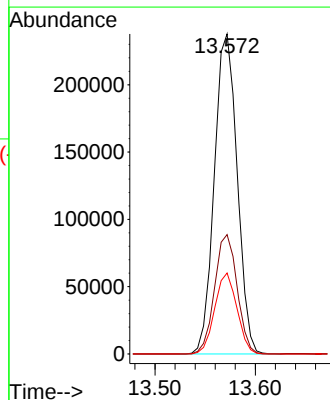
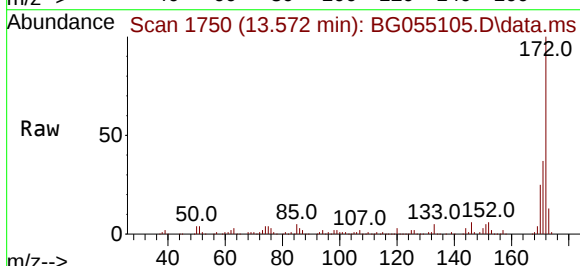
Tgt Ion:172 Resp: 375804

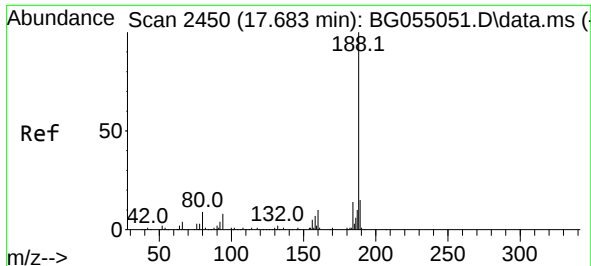
Ion Ratio Lower Upper

172 100

171 37.3 30.1 45.1

170 25.3 20.0 30.0

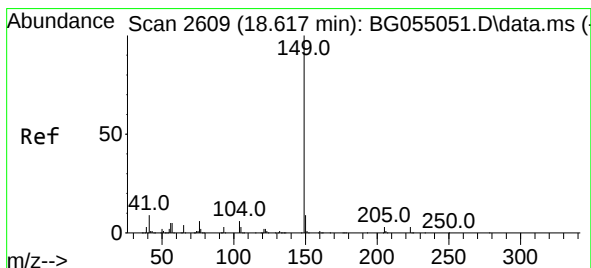
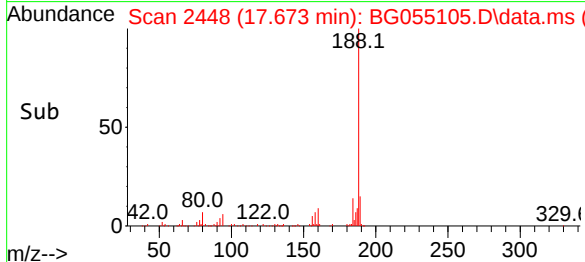
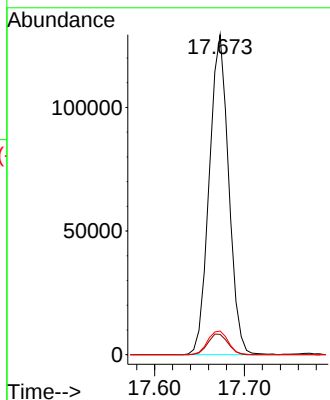
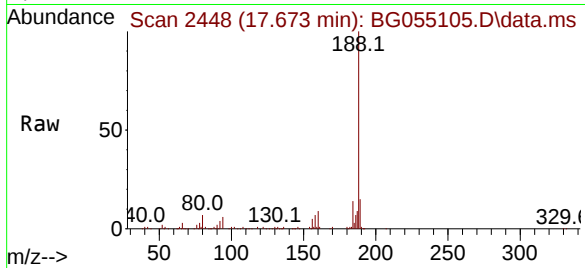




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.673 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

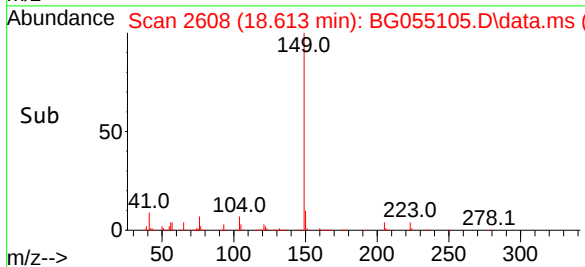
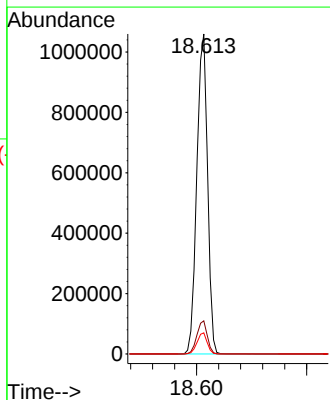
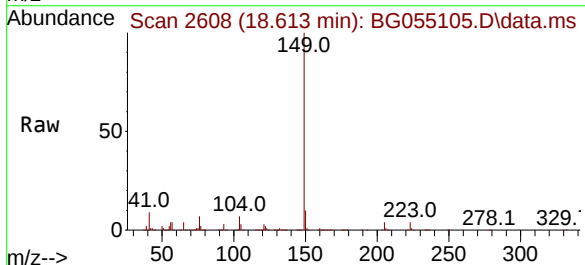
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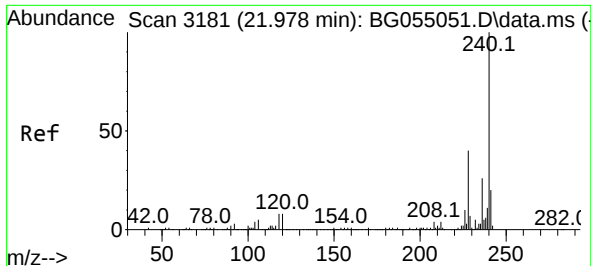
Tgt Ion:188 Resp: 194105
Ion Ratio Lower Upper
188 100
94 6.4 6.2 9.2
80 7.4 7.2 10.8



#74
Di-n-butylphthalate
Concen: 157.241 ng
RT: 18.613 min Scan# 2608
Delta R.T. 0.005 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Tgt Ion:149 Resp: 1428741
Ion Ratio Lower Upper
149 100
150 10.4 7.5 11.3
104 6.6 4.8 7.2

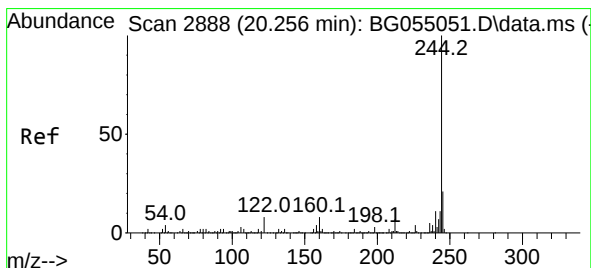
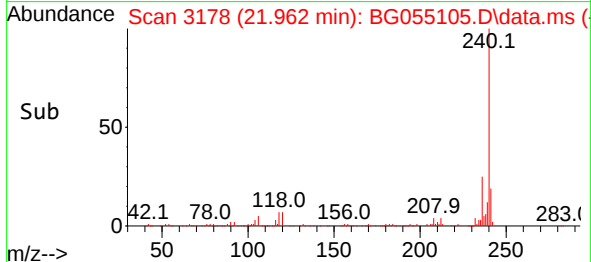
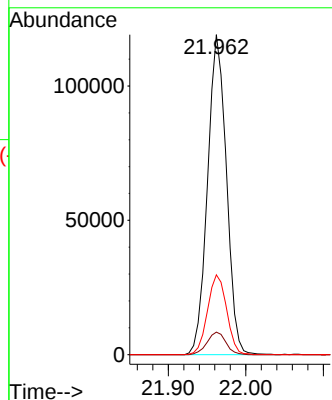
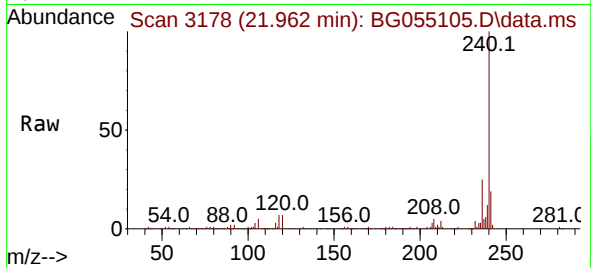




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.962 min Scan# 3181
Delta R.T. -0.007 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

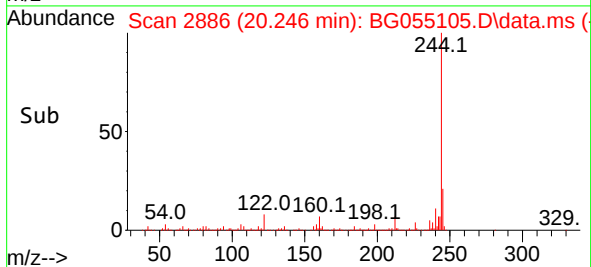
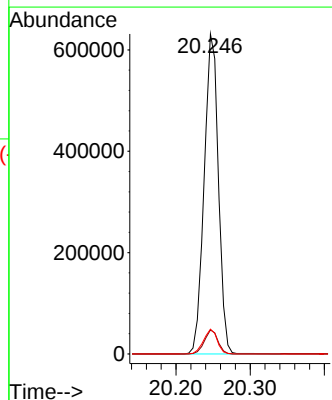
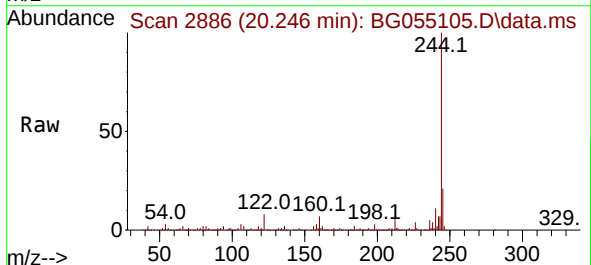
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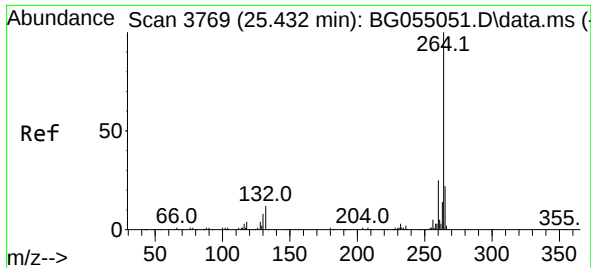
Tgt Ion:240 Resp: 201084
Ion Ratio Lower Upper
240 100
120 7.1 6.2 9.4
236 24.9 20.6 30.8



#79
Terphenyl-d14
Concen: 84.616 ng
RT: 20.246 min Scan# 2886
Delta R.T. -0.007 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

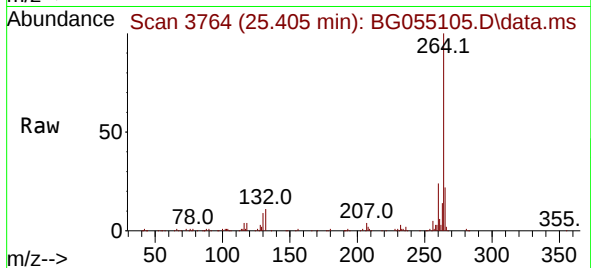
Tgt Ion:244 Resp: 841825
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 7.8 6.6 10.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.405 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:264 Resp: 211716

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.4	17.8	26.6

