

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055103.D
 Acq On : 7 Oct 2022 17:36
 Operator : CG/JU
 Sample : N5031-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5869-3

Quant Time: Oct 08 03:10:30 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	8.335	152	21683	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	88579	20.000	ng	0.00
39) Acenaphthene-d10	14.939	164	67060	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	191552	20.000	ng	0.00
76) Chrysene-d12	21.966	240	199701	20.000	ng	0.00
86) Perylene-d12	25.409	264	211526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.849	112	60663	62.141	ng	0.00
7) Phenol-d6	7.459	99	49125	33.586	ng	0.00
23) Nitrobenzene-d5	9.504	82	132496	89.380	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	132261	186.898	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	329393	76.681	ng	0.00
79) Terphenyl-d14	20.250	244	723132	73.189	ng	0.00

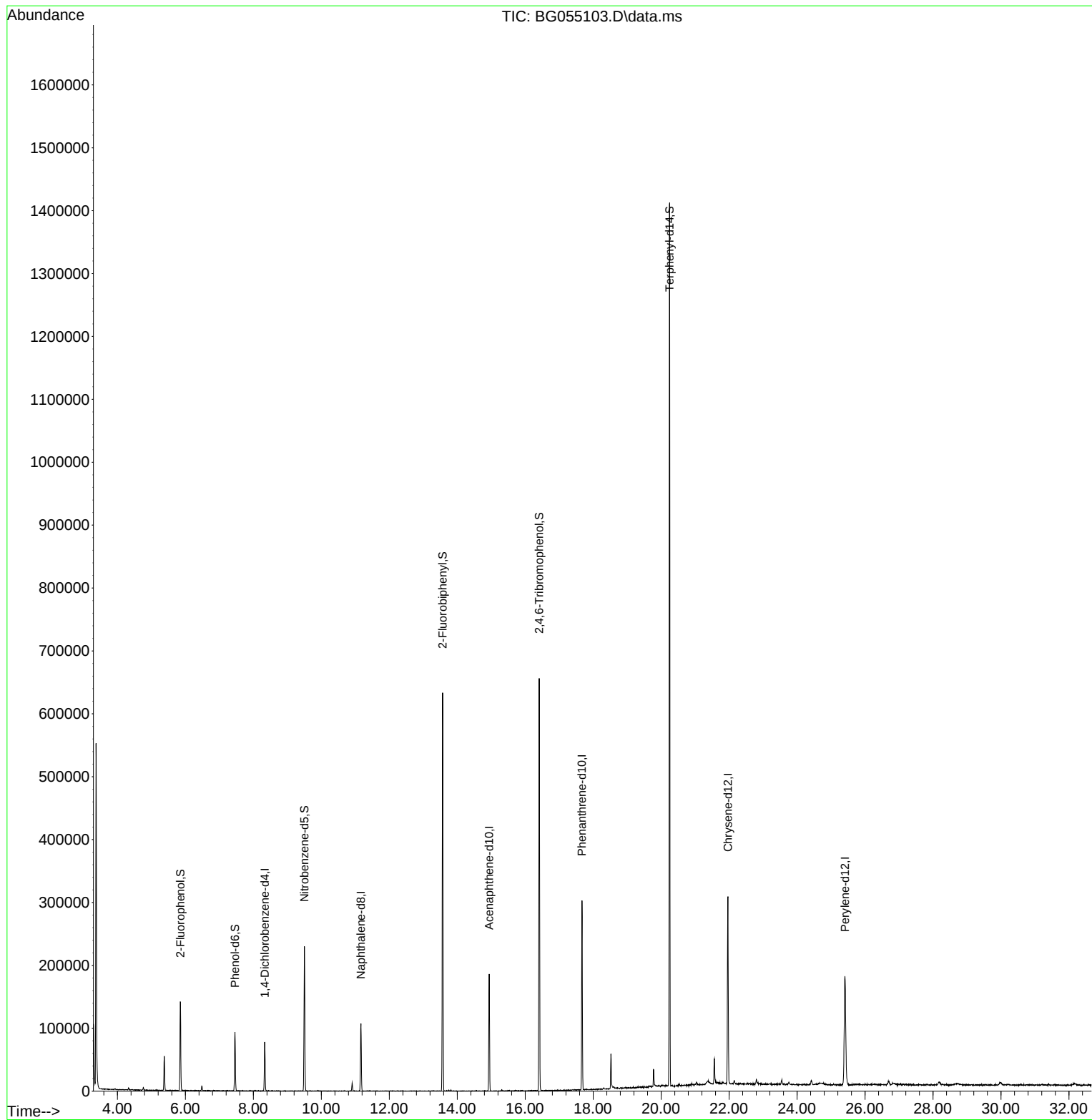
Target Compounds	Qvalue

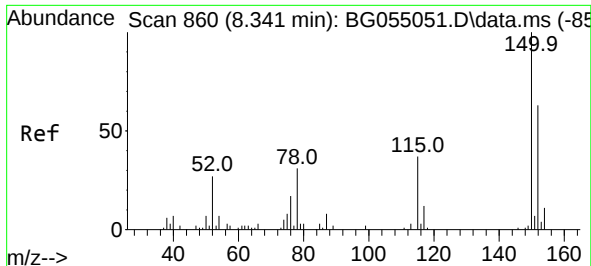
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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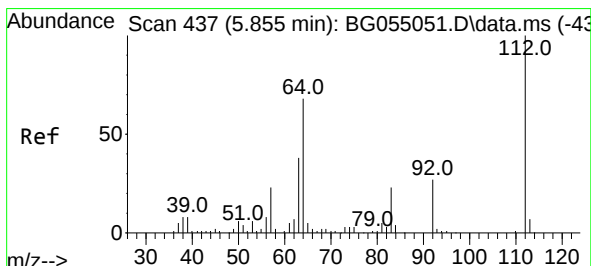
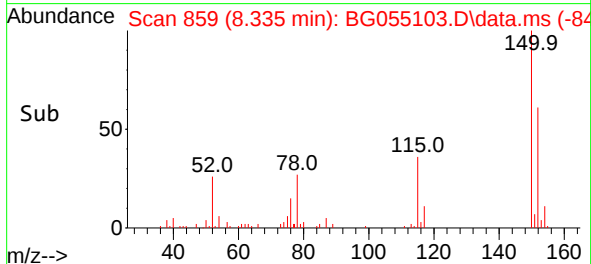
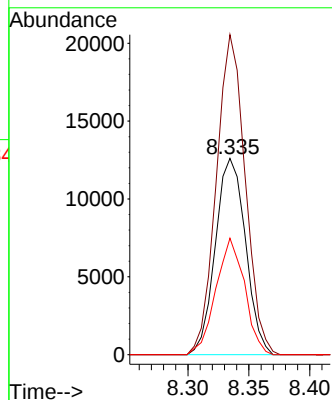
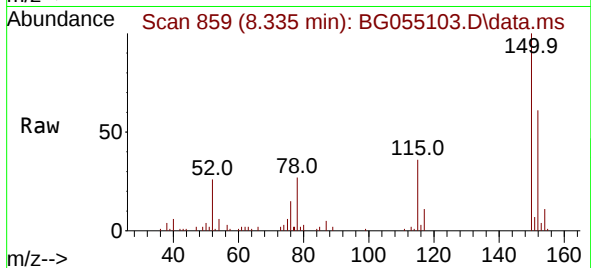




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055103.D
Acq: 7 Oct 2022 17:36

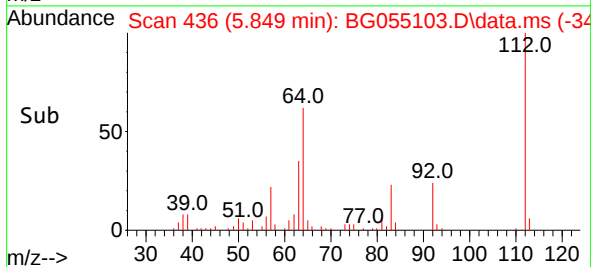
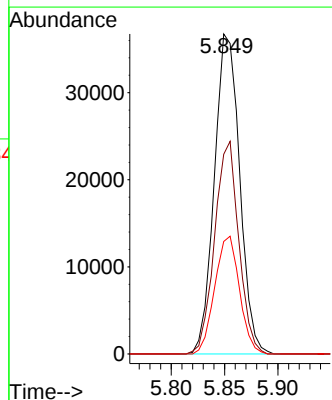
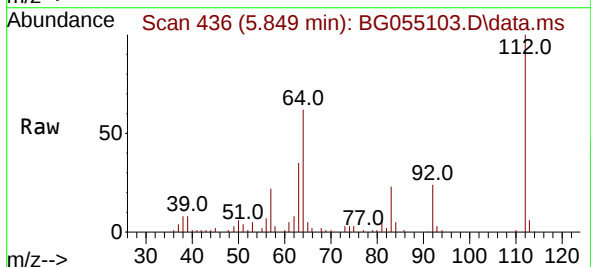
Instrument :
BNA_G
ClientSampleId :
5869-3

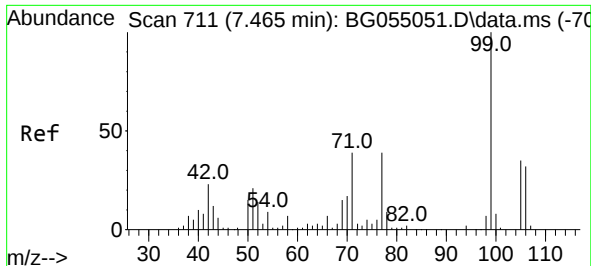
Tgt Ion:152 Resp: 21683
Ion Ratio Lower Upper
152 100
150 163.0 128.0 192.0
115 59.3 47.7 71.5



#5
2-Fluorophenol
Concen: 62.141 ng
RT: 5.849 min Scan# 436
Delta R.T. -0.003 min
Lab File: BG055103.D
Acq: 7 Oct 2022 17:36

Tgt Ion:112 Resp: 60663
Ion Ratio Lower Upper
112 100
64 62.4 54.5 81.7
63 35.1 30.5 45.7

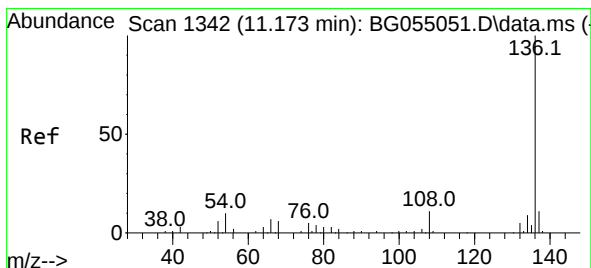
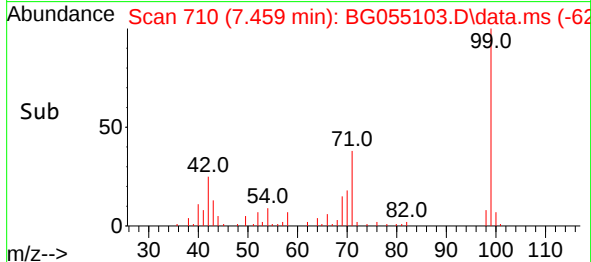
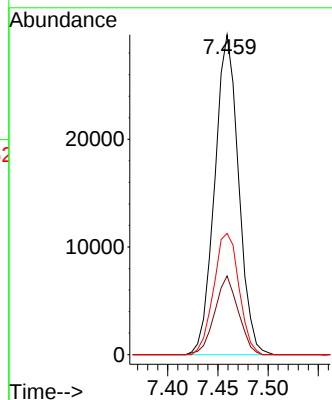
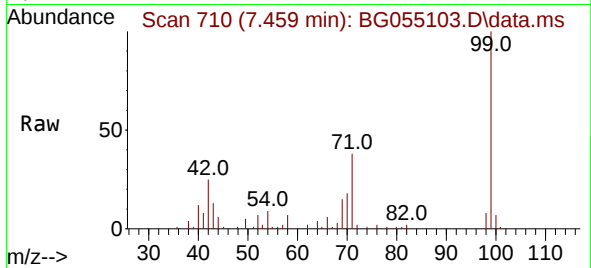




#7
Phenol-d6
Concen: 33.586 ng
RT: 7.459 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG055103.D
Acq: 7 Oct 2022 17:36

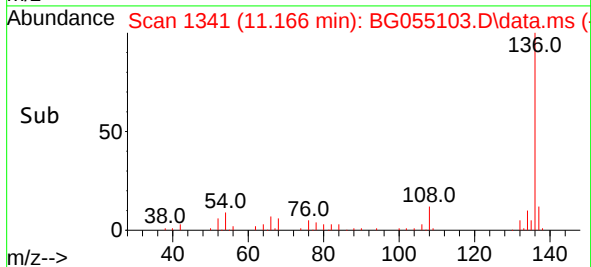
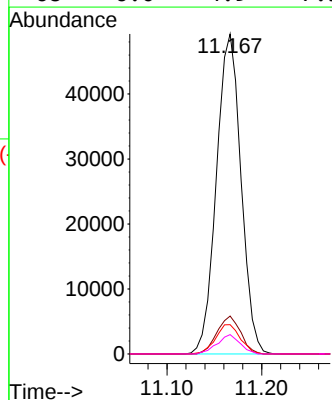
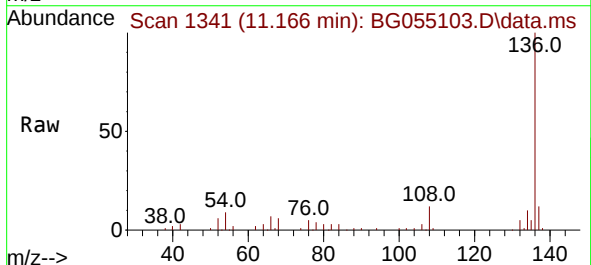
Instrument :
BNA_G
ClientSampleId :
5869-3

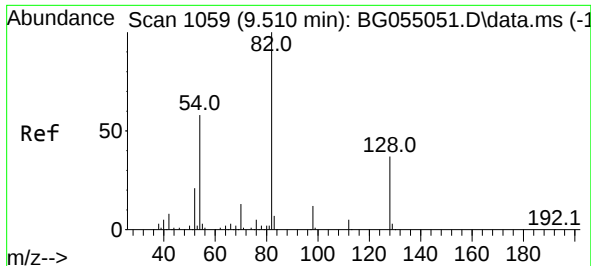
Tgt Ion: 99 Resp: 49125
Ion Ratio Lower Upper
99 100
42 24.6 18.6 28.0
71 37.9 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG055103.D
Acq: 7 Oct 2022 17:36

Tgt Ion:136 Resp: 88579
Ion Ratio Lower Upper
136 100
137 11.9 8.7 13.1
54 9.1 8.2 12.4
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 89.380 ng

RT: 9.504 min Scan# 1058

Delta R.T. -0.003 min

Lab File: BG055103.D

Acq: 7 Oct 2022 17:36

Instrument :

BNA_G

ClientSampleId :

5869-3

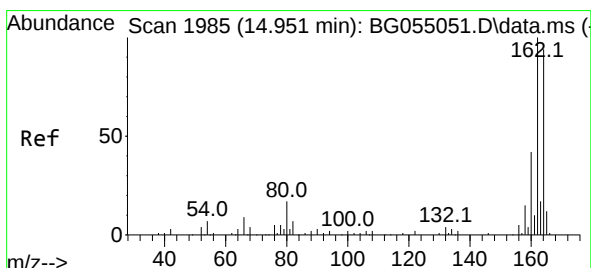
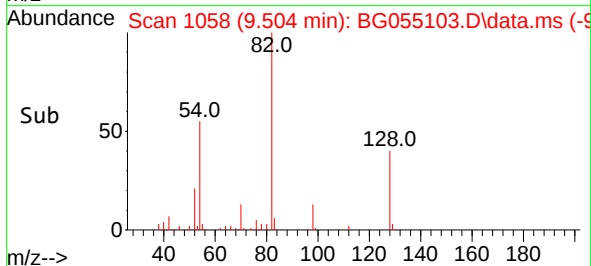
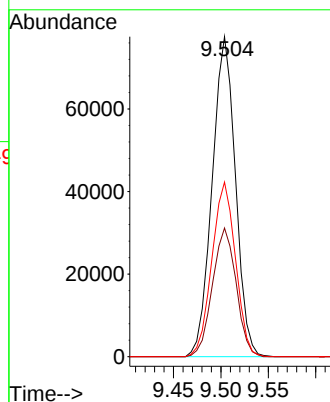
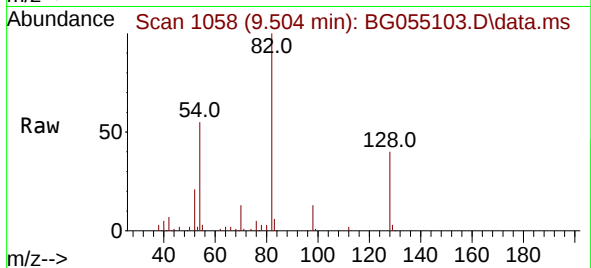
Tgt Ion: 82 Resp: 132496

Ion Ratio Lower Upper

82 100

128 40.2 29.5 44.3

54 54.5 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.939 min Scan# 1983

Delta R.T. -0.003 min

Lab File: BG055103.D

Acq: 7 Oct 2022 17:36

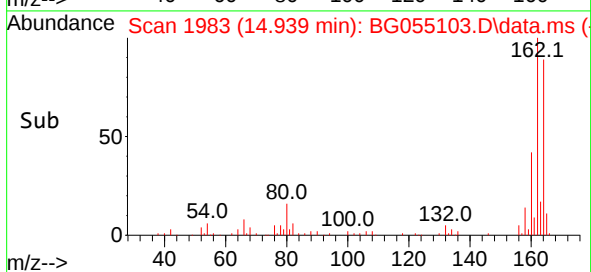
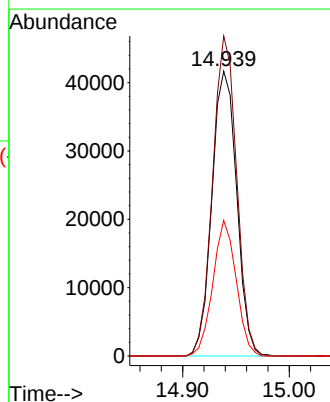
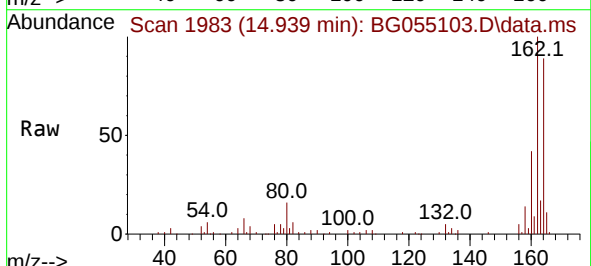
Tgt Ion: 164 Resp: 67060

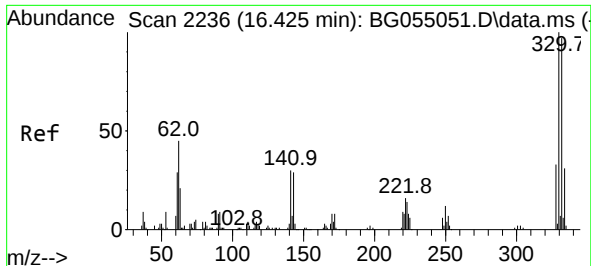
Ion Ratio Lower Upper

164 100

162 112.4 85.5 128.3

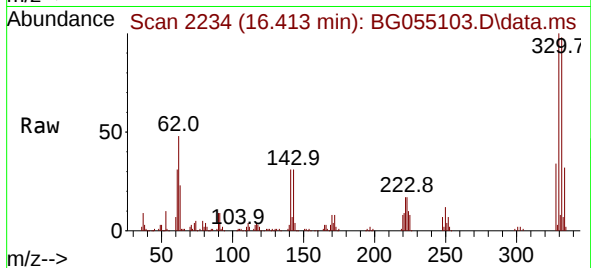
160 47.6 35.5 53.3



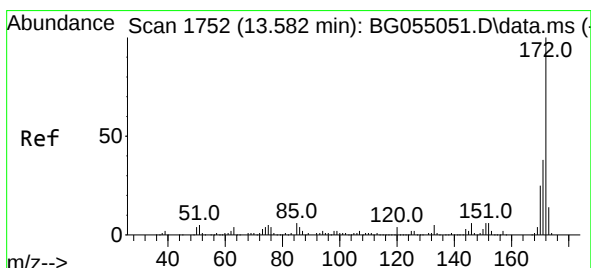
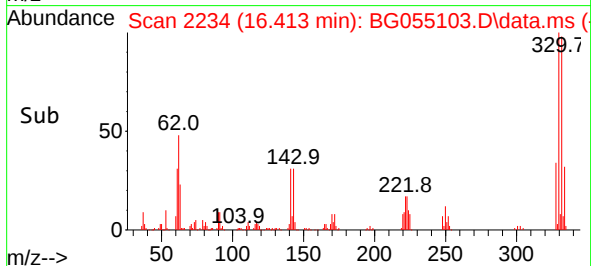
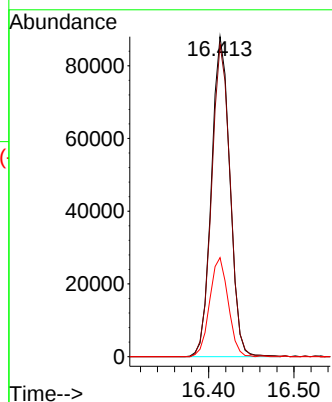


#42
2,4,6-Tribromophenol
Concen: 186.898 ng
RT: 16.413 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055103.D
Acq: 7 Oct 2022 17:36

Instrument :
BNA_G
ClientSampleId :
5869-3

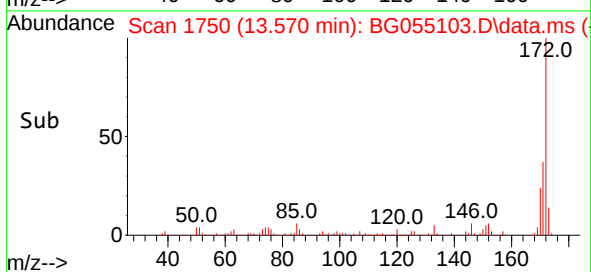
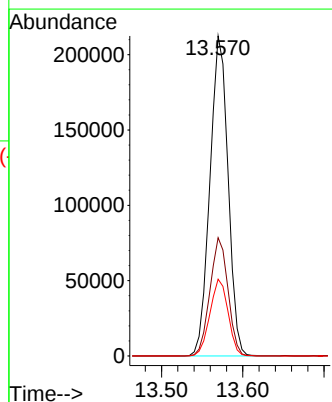
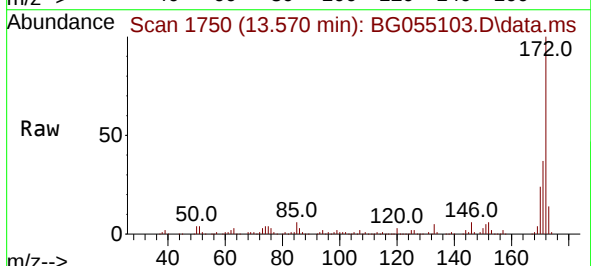


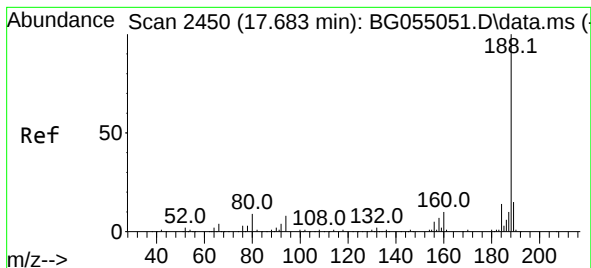
Tgt Ion:330 Resp: 132261
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 31.0 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 76.681 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG055103.D
Acq: 7 Oct 2022 17:36

Tgt Ion:172 Resp: 329393
Ion Ratio Lower Upper
172 100
171 37.0 30.1 45.1
170 24.0 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.671 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG055103.D

Acq: 7 Oct 2022 17:36

Instrument :

BNA_G

ClientSampleId :

5869-3

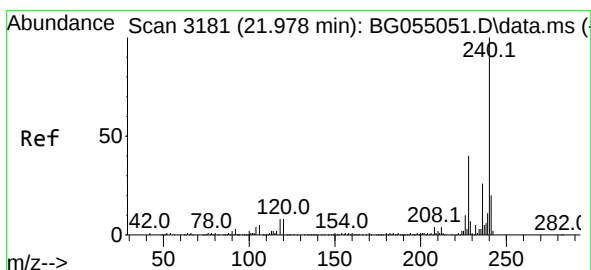
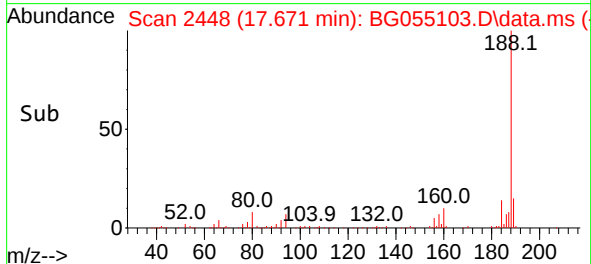
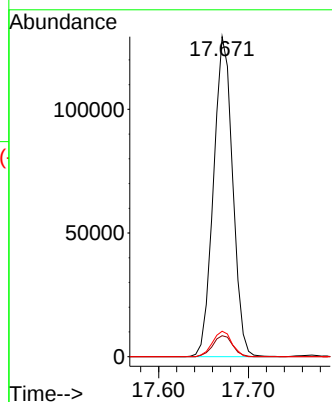
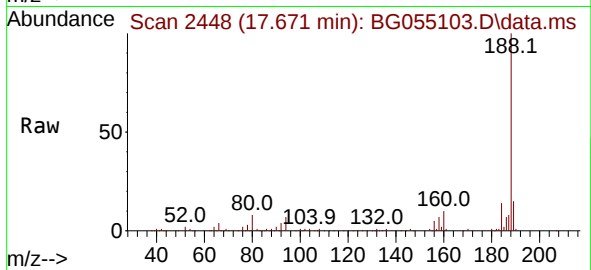
Tgt Ion:188 Resp: 191552

Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.2

80 8.0 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.966 min Scan# 3179

Delta R.T. -0.003 min

Lab File: BG055103.D

Acq: 7 Oct 2022 17:36

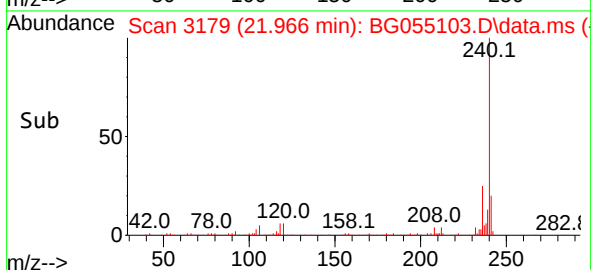
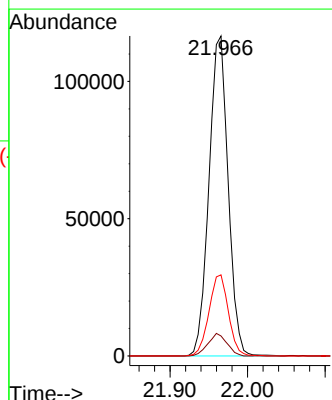
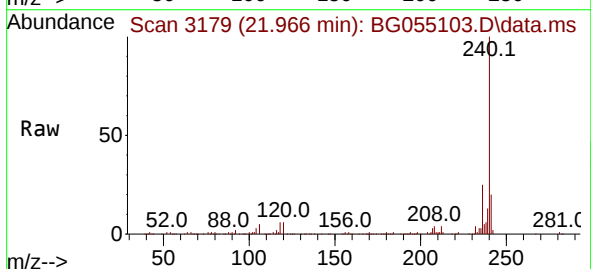
Tgt Ion:240 Resp: 199701

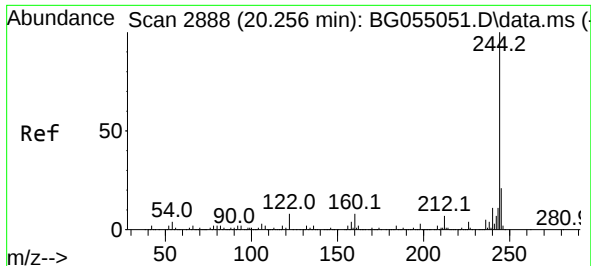
Ion Ratio Lower Upper

240 100

120 6.3 6.2 9.4

236 25.3 20.6 30.8

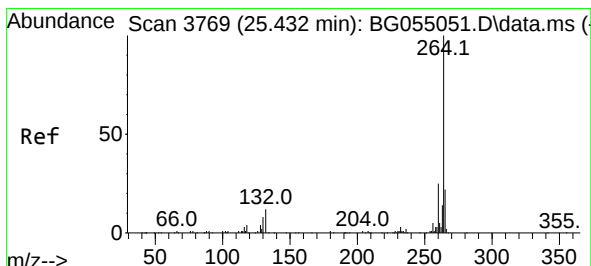
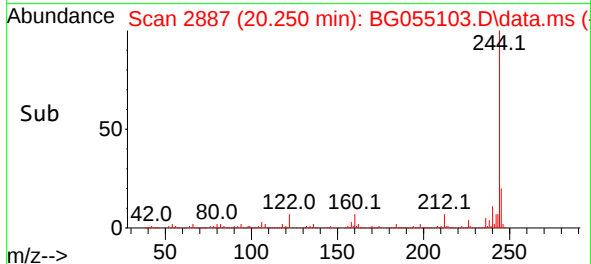
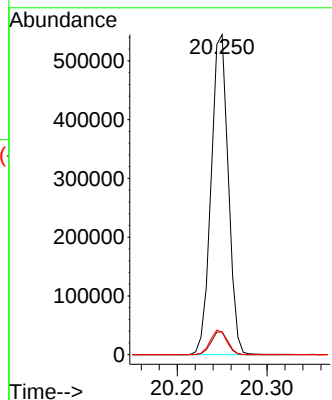
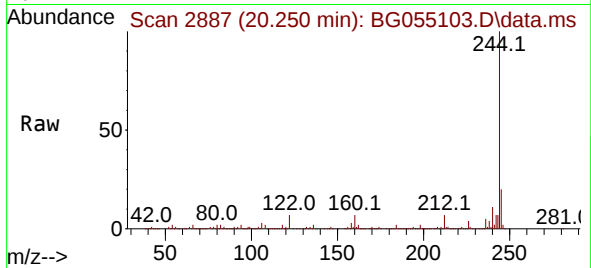




#79
 Terphenyl-d14
 Concen: 73.189 ng
 RT: 20.250 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055103.D
 Acq: 7 Oct 2022 17:36

Instrument :
 BNA_G
 ClientSampleId :
 5869-3

Tgt Ion:244 Resp: 723132
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 7.0 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.409 min Scan# 3765
 Delta R.T. -0.009 min
 Lab File: BG055103.D
 Acq: 7 Oct 2022 17:36

Tgt Ion:264 Resp: 211526
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.7 29.5
 265 21.3 17.8 26.6

