

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
 Data File : BG055059.D
 Acq On : 4 Oct 2022 11:56
 Operator : CG/JU
 Sample : PB148039BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148039BL

Quant Time: Oct 05 00:28:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 07:12:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	24697	20.000	ng	0.00
21) Naphthalene-d8	11.172	136	108504	20.000	ng	0.00
39) Acenaphthene-d10	14.944	164	80984	20.000	ng	0.00
64) Phenanthrene-d10	17.682	188	216907	20.000	ng	0.00
76) Chrysene-d12	21.977	240	240893	20.000	ng	0.00
86) Perylene-d12	25.432	264	252994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	183713	165.223	ng	0.00
7) Phenol-d6	7.465	99	247171	148.363	ng	0.00
23) Nitrobenzene-d5	9.509	82	146820	80.855	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	106256	126.441	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	392319	75.627	ng	0.00
79) Terphenyl-d14	20.261	244	960554	80.594	ng	0.00

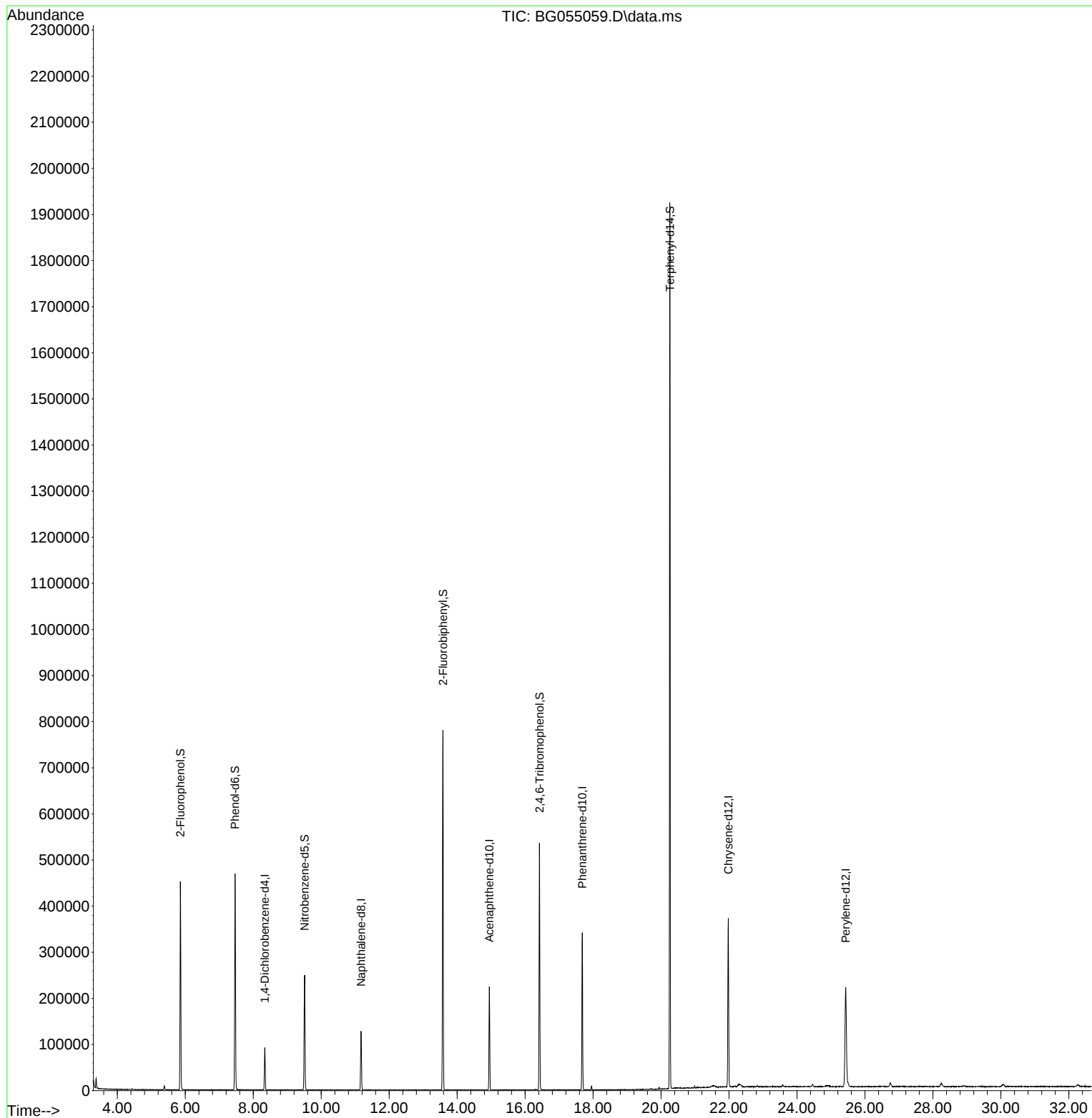
Target Compounds	Qvalue

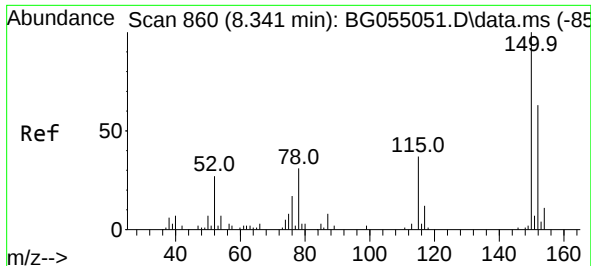
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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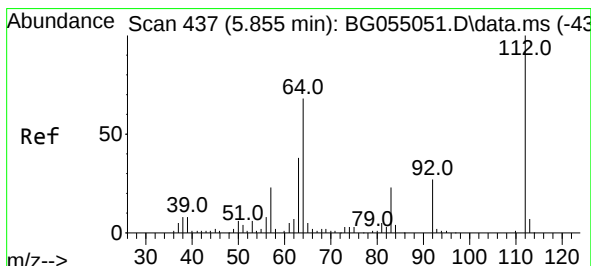
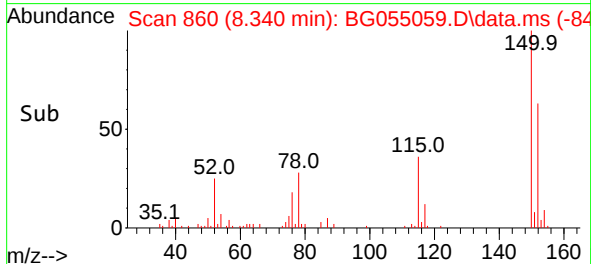
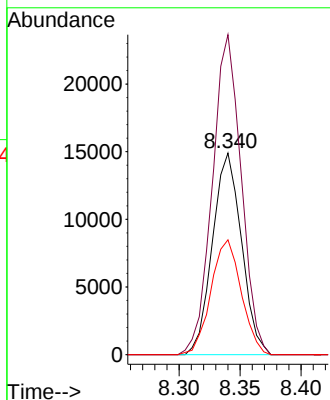
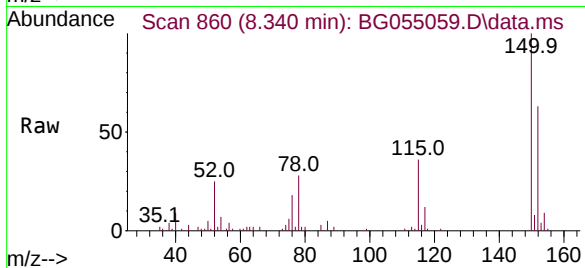




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

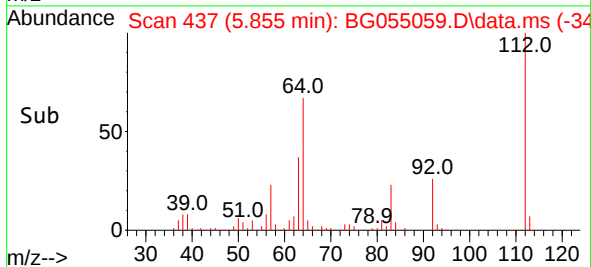
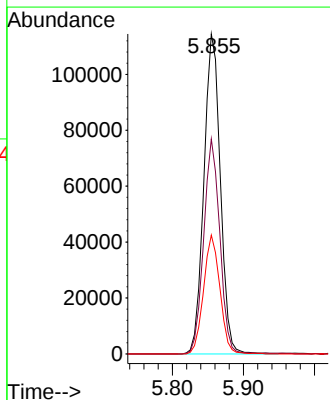
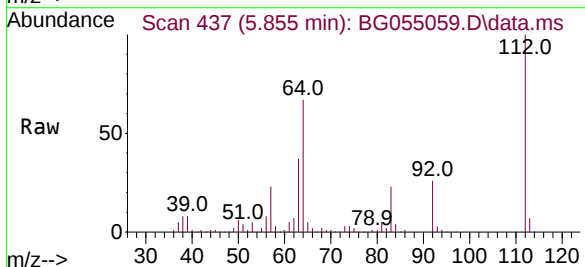
Instrument :
BNA_G
ClientSampleId :
PB148039BL

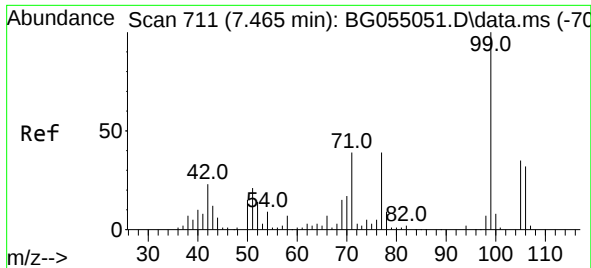
Tgt Ion:152 Resp: 24697
Ion Ratio Lower Upper
152 100
150 158.8 128.0 192.0
115 57.0 47.7 71.5



#5
2-Fluorophenol
Concen: 165.223 ng
RT: 5.855 min Scan# 437
Delta R.T. -0.000 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

Tgt Ion:112 Resp: 183713
Ion Ratio Lower Upper
112 100
64 67.2 54.5 81.7
63 37.1 30.5 45.7

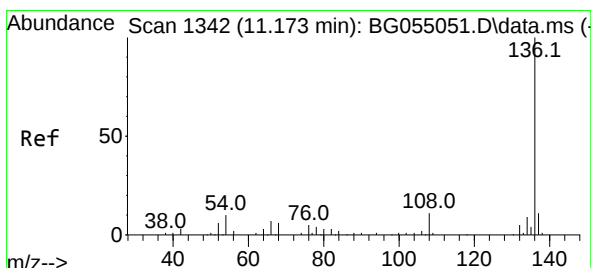
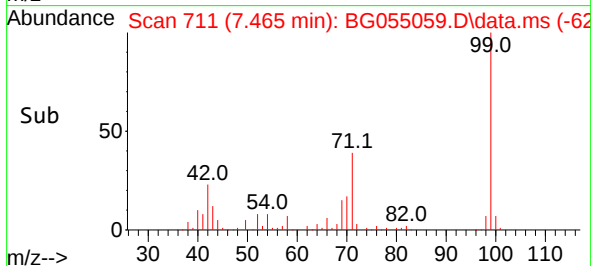
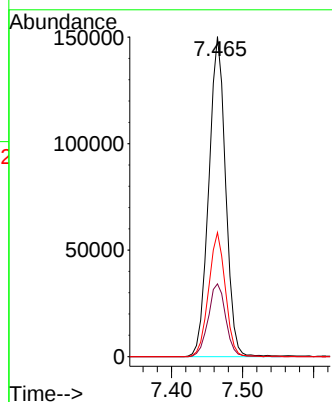
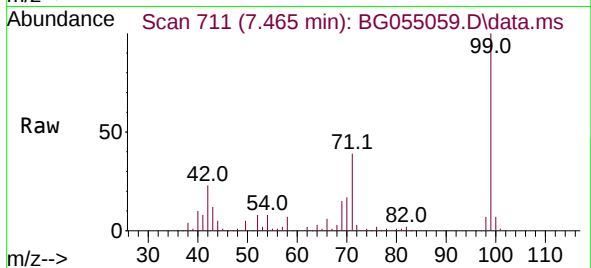




#7
Phenol-d6
Concen: 148.363 ng
RT: 7.465 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

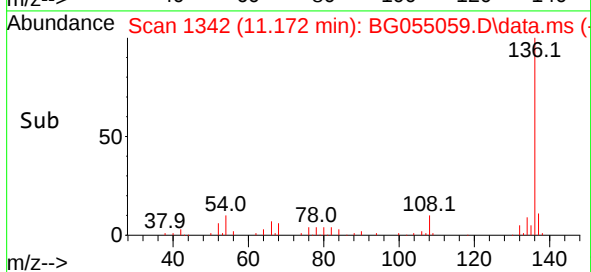
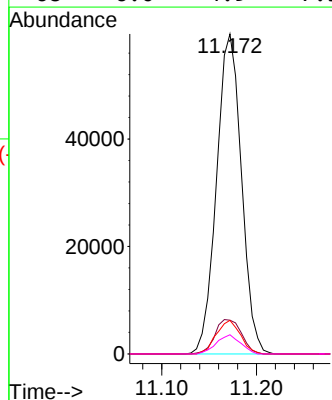
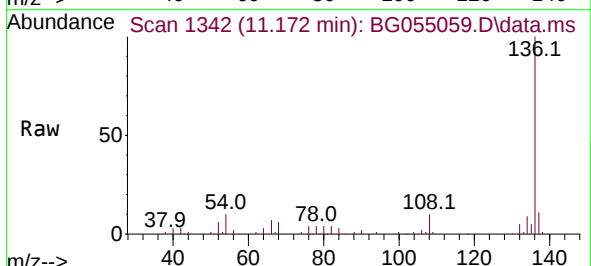
Instrument :
BNA_G
ClientSampleId :
PB148039BL

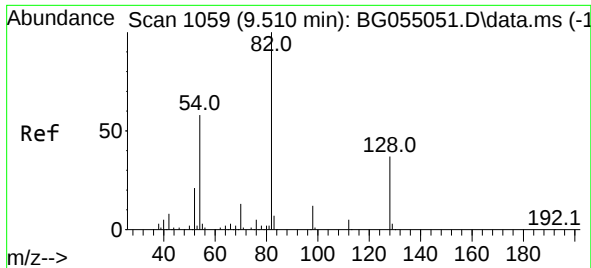
Tgt Ion: 99 Resp: 247171
Ion Ratio Lower Upper
99 100
42 22.7 18.6 28.0
71 38.8 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.172 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

Tgt Ion:136 Resp: 108504
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 10.5 8.2 12.4
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 80.855 ng

RT: 9.509 min Scan# 1059

Delta R.T. -0.001 min

Lab File: BG055059.D

Acq: 4 Oct 2022 11:56

Instrument :

BNA_G

ClientSampleId :

PB148039BL

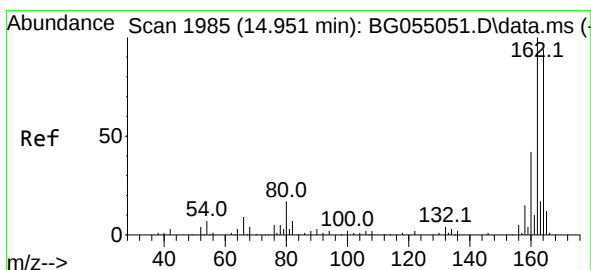
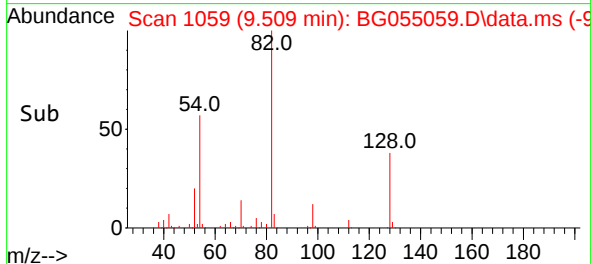
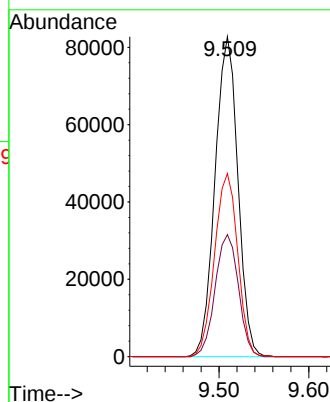
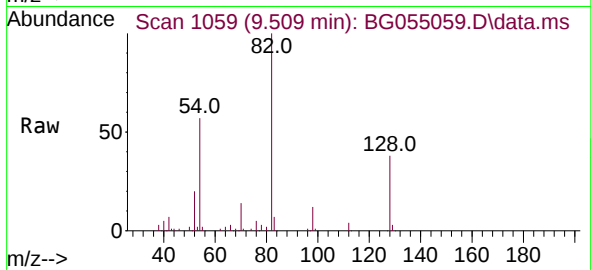
Tgt Ion: 82 Resp: 146820

Ion Ratio Lower Upper

82 100

128 38.1 29.5 44.3

54 57.2 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.944 min Scan# 1984

Delta R.T. -0.007 min

Lab File: BG055059.D

Acq: 4 Oct 2022 11:56

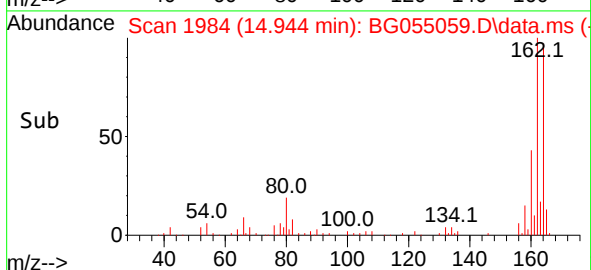
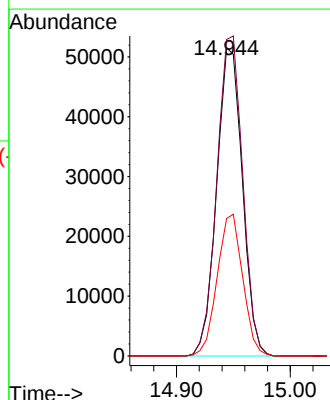
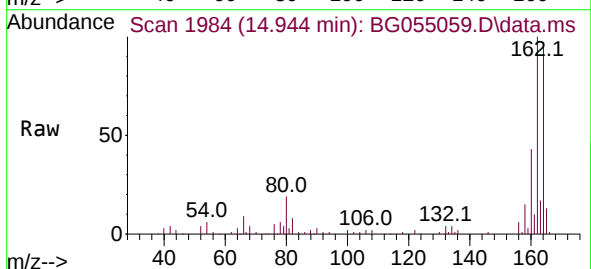
Tgt Ion: 164 Resp: 80984

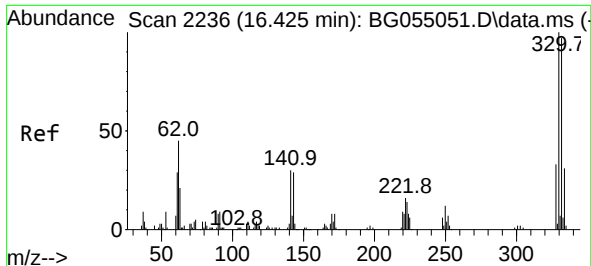
Ion Ratio Lower Upper

164 100

162 102.7 85.5 128.3

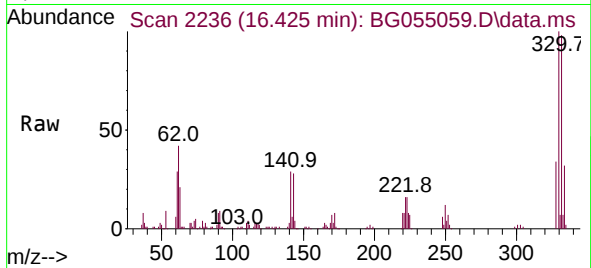
160 44.6 35.5 53.3



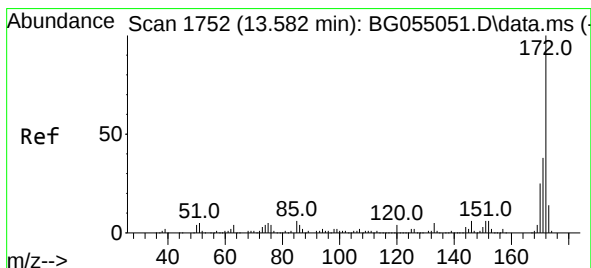
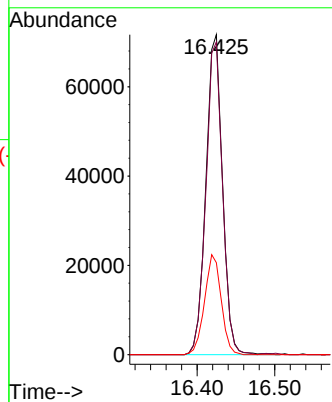
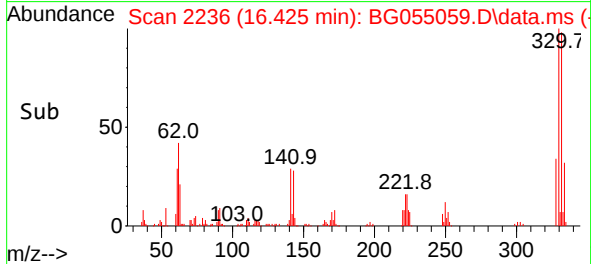


#42
2,4,6-Tribromophenol
Concen: 126.441 ng
RT: 16.425 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

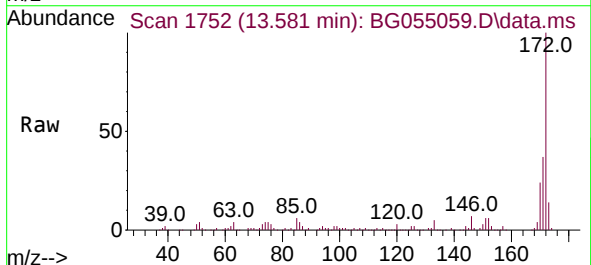
Instrument :
BNA_G
ClientSampleId :
PB148039BL



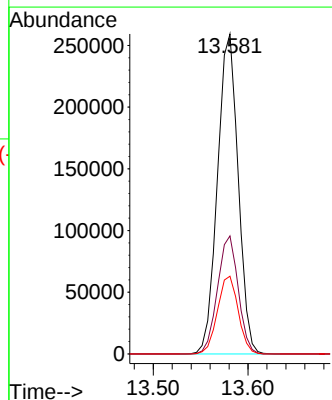
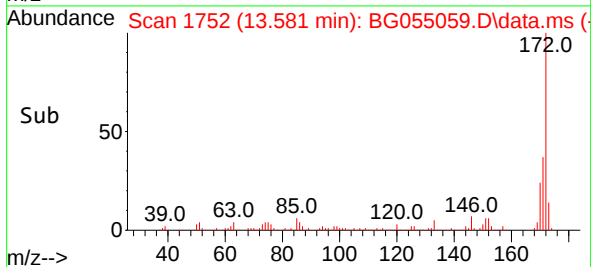
Tgt Ion:330 Resp: 106256
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 31.4 25.0 37.4

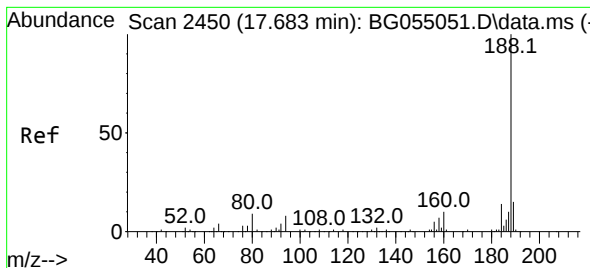


#45
2-Fluorobiphenyl
Concen: 75.627 ng
RT: 13.581 min Scan# 1752
Delta R.T. -0.001 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56



Tgt Ion:172 Resp: 392319
Ion Ratio Lower Upper
172 100
171 36.9 30.1 45.1
170 24.3 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.682 min Scan# 2450

Delta R.T. -0.001 min

Lab File: BG055059.D

Acq: 4 Oct 2022 11:56

Instrument :

BNA_G

ClientSampleId :

PB148039BL

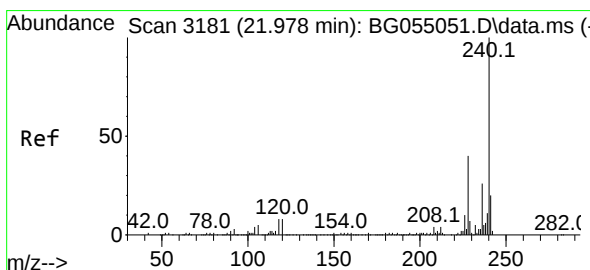
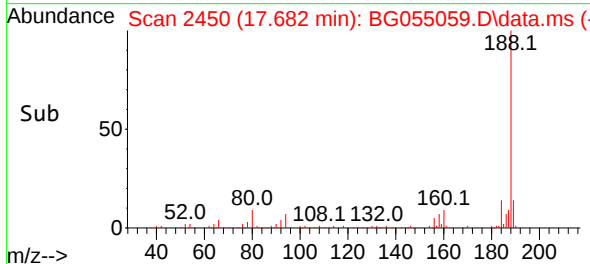
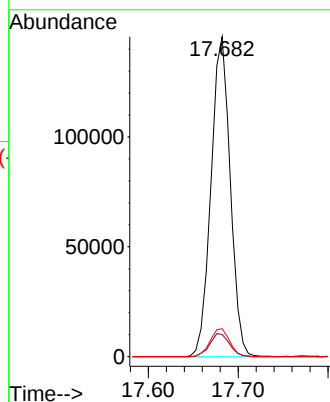
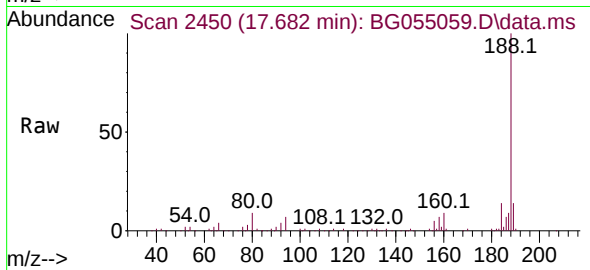
Tgt Ion:188 Resp: 216907

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.2

80 8.7 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.977 min Scan# 3181

Delta R.T. -0.001 min

Lab File: BG055059.D

Acq: 4 Oct 2022 11:56

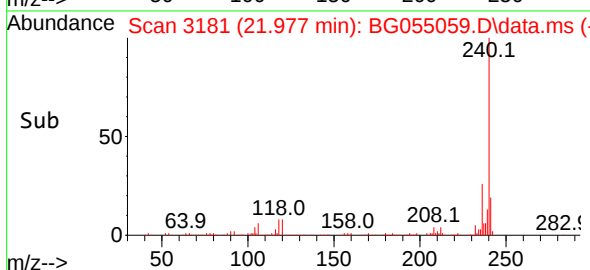
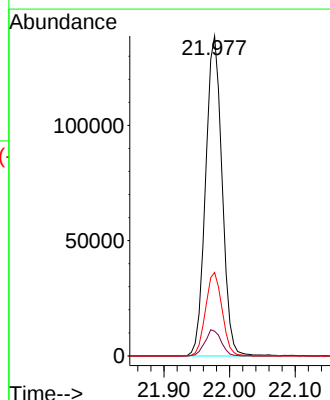
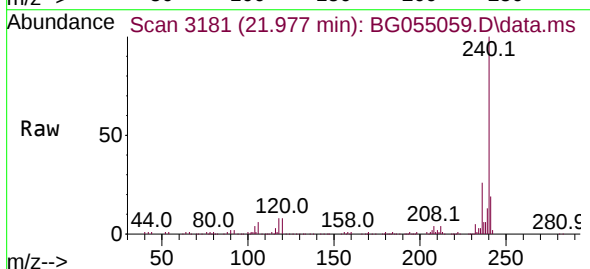
Tgt Ion:240 Resp: 240893

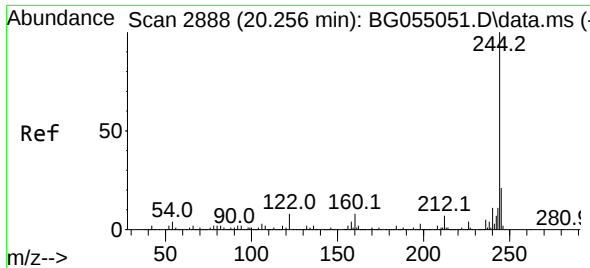
Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.4

236 26.1 20.6 30.8

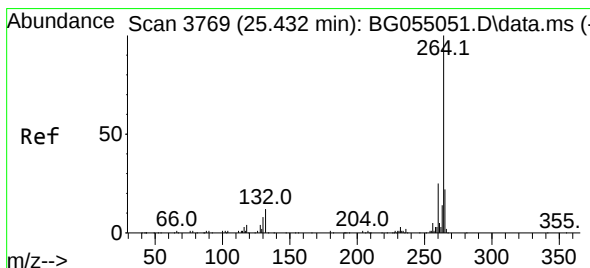
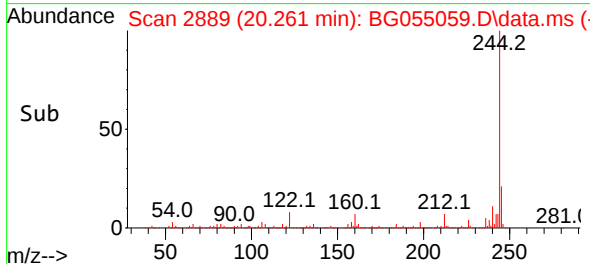
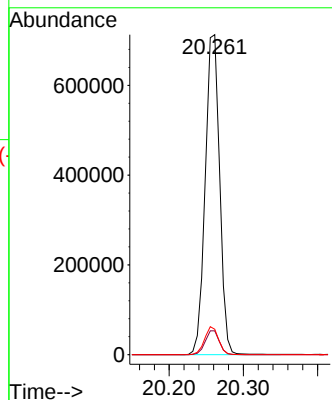
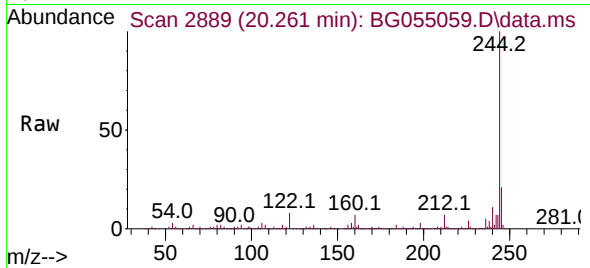




#79
 Terphenyl-d14
 Concen: 80.594 ng
 RT: 20.261 min Scan# 2889
 Delta R.T. 0.005 min
 Lab File: BG055059.D
 Acq: 4 Oct 2022 11:56

Instrument :
 BNA_G
 ClientSampleId :
 PB148039BL

Tgt Ion:244 Resp: 960554
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 7.9 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.432 min Scan# 3769
 Delta R.T. -0.001 min
 Lab File: BG055059.D
 Acq: 4 Oct 2022 11:56

Tgt Ion:264 Resp: 252994
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 21.4 17.8 26.6

