

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
 Data File : BG056359.D
 Acq On : 19 Jan 2023 23:14
 Operator : CG/JU
 Sample : 01215-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-011823

Quant Time: Jan 20 01:38:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.304	152	44683	20.000	ng	0.00
21) Naphthalene-d8	11.136	136	173198	20.000	ng	0.00
39) Acenaphthene-d10	14.920	164	134908	20.000	ng	0.00
64) Phenanthrene-d10	17.658	188	319685	20.000	ng	0.00
76) Chrysene-d12	21.947	240	294304	20.000	ng	0.00
86) Perylene-d12	25.396	264	321867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	230896	92.264	ng	0.00
7) Phenol-d6	7.447	99	323327	84.129	ng	0.00
23) Nitrobenzene-d5	9.479	82	168907	49.884	ng	0.00
42) 2,4,6-Tribromophenol	16.401	330	142614	83.469	ng	0.00
45) 2-Fluorobiphenyl	13.545	172	531443	54.398	ng	0.00
79) Terphenyl-d14	20.232	244	925862	56.345	ng	0.00

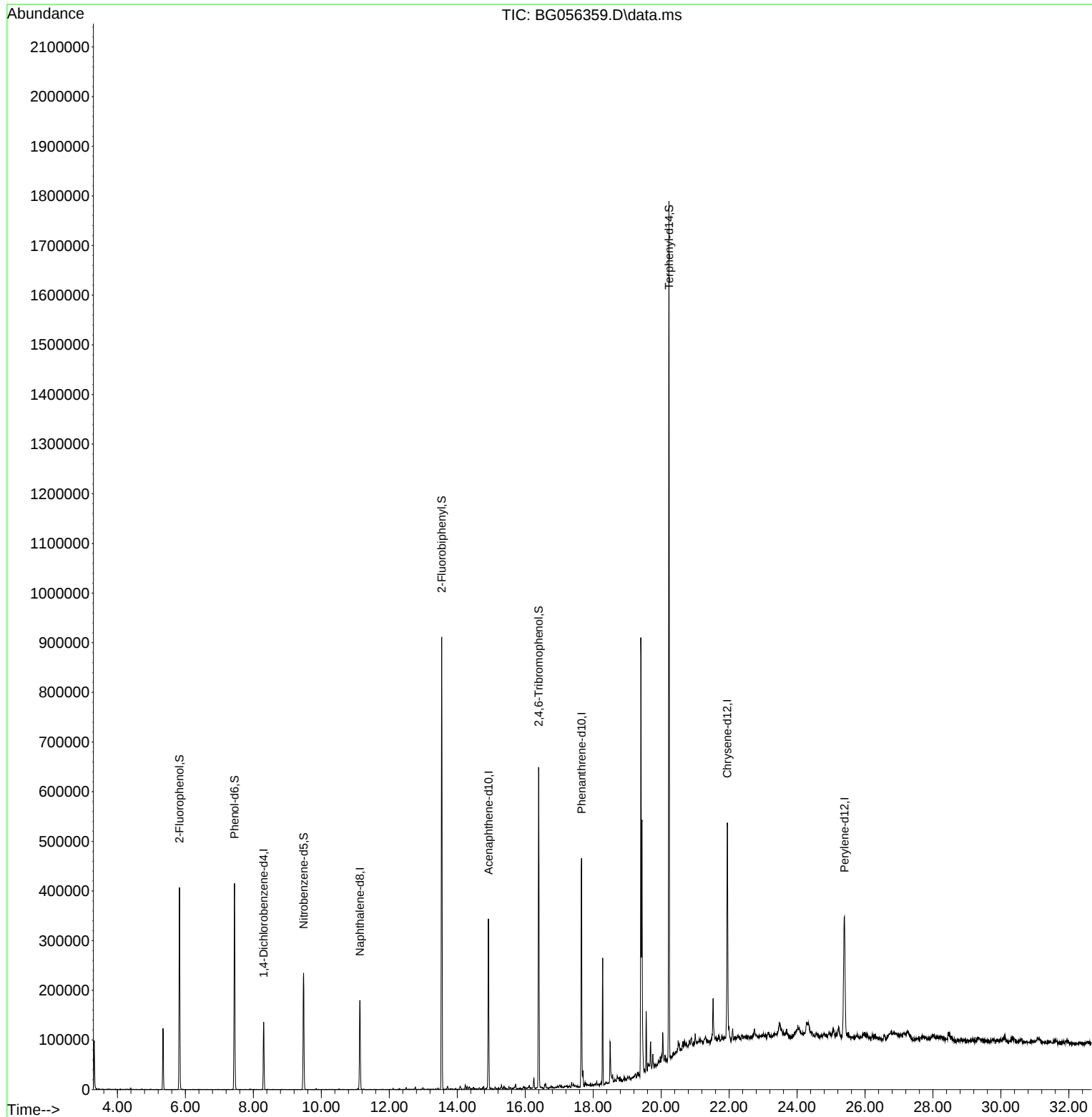
Target Compounds	Qvalue

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

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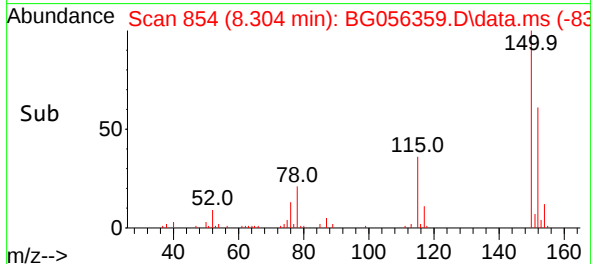
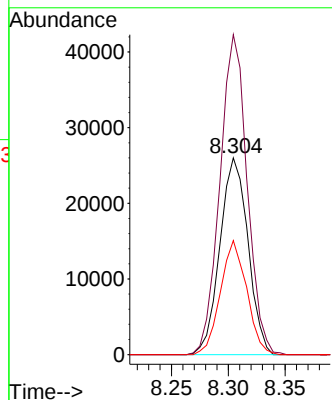
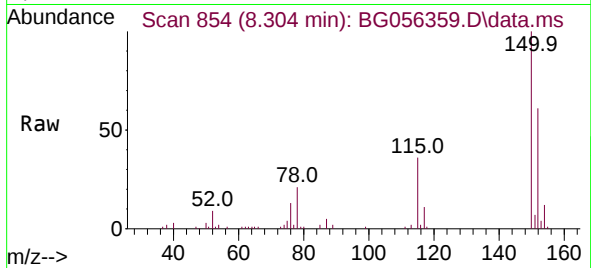




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.304 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

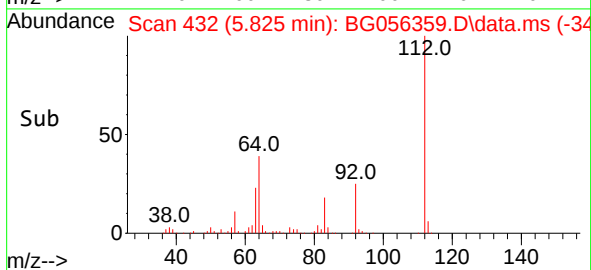
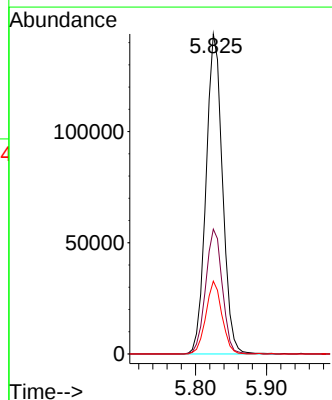
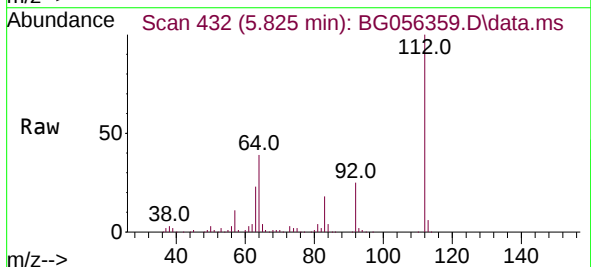
Instrument :
BNA_G
ClientSampleId :
BU-02-011823

Tgt Ion:152 Resp: 44683
Ion Ratio Lower Upper
152 100
150 162.6 127.9 191.9
115 58.0 44.2 66.2



#5
2-Fluorophenol
Concen: 92.264 ng
RT: 5.825 min Scan# 432
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

Tgt Ion:112 Resp: 230896
Ion Ratio Lower Upper
112 100
64 39.0 33.3 49.9
63 22.7 19.0 28.4

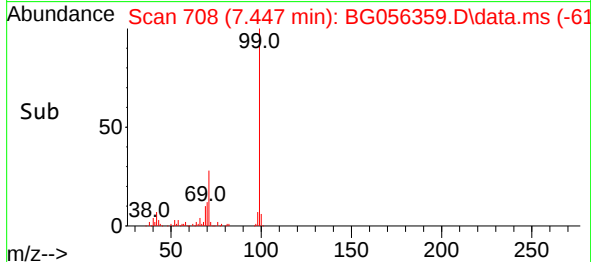
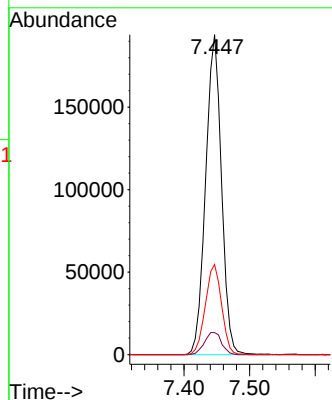
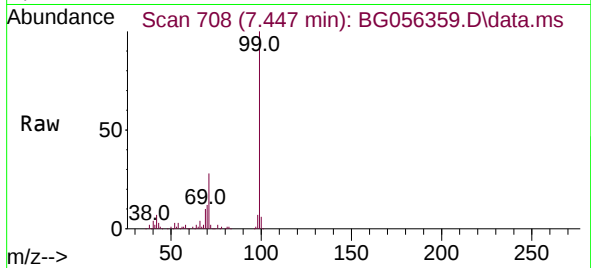




#7
Phenol-d6
Concen: 84.129 ng
RT: 7.447 min Scan# 70
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

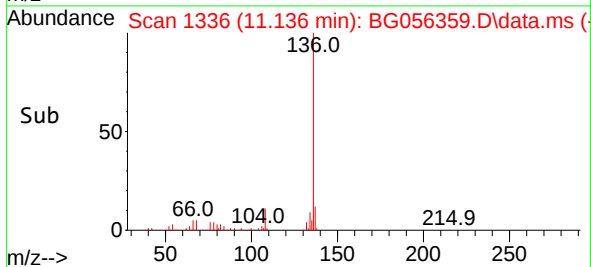
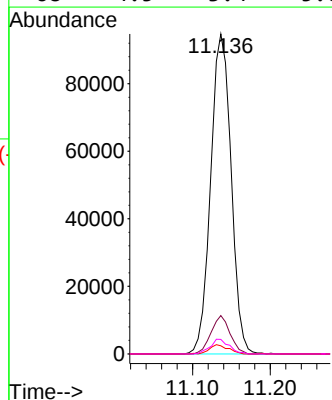
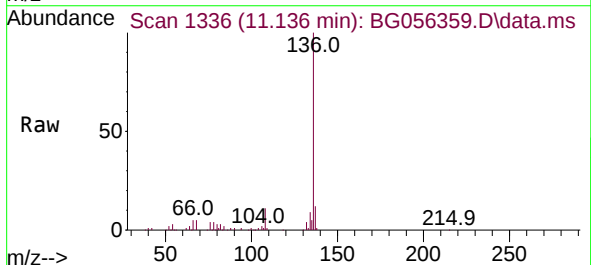
Instrument :
BNA_G
ClientSampleId :
BU-02-011823

Tgt Ion: 99 Resp: 323327
Ion Ratio Lower Upper
99 100
42 6.9 5.9 8.9
71 28.2 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.136 min Scan# 1336
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

Tgt Ion:136 Resp: 173198
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 2.5 2.2 3.2
68 4.5 3.4 5.0





#23

Nitrobenzene-d5

Concen: 49.884 ng

RT: 9.479 min Scan# 1054

Delta R.T. -0.007 min

Lab File: BG056359.D

Acq: 19 Jan 2023 23:14

Instrument :

BNA_G

ClientSampleId :

BU-02-011823

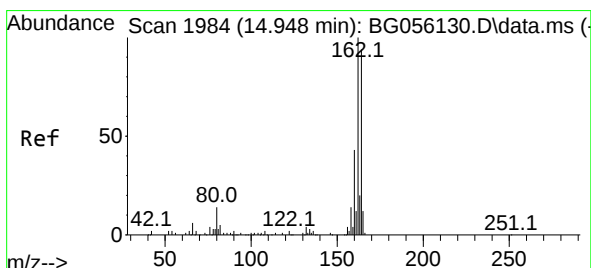
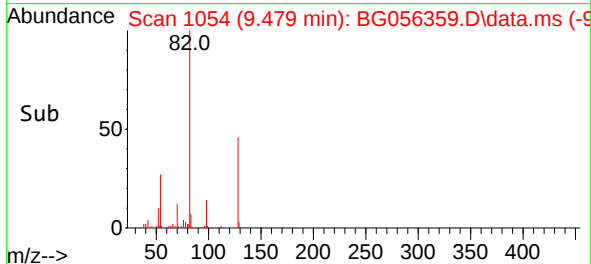
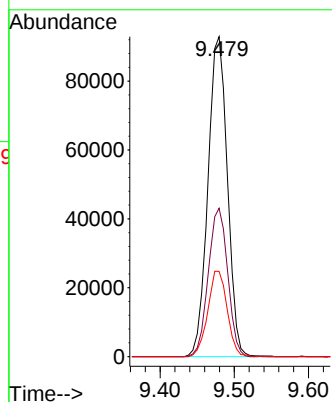
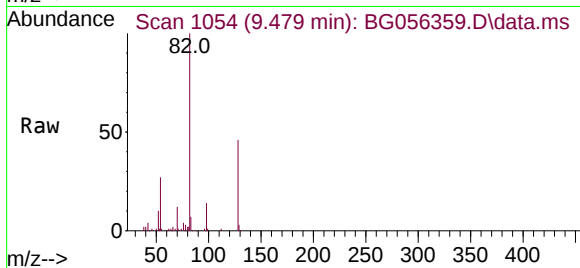
Tgt Ion: 82 Resp: 168907

Ion Ratio Lower Upper

82 100

128 46.4 33.4 50.2

54 26.6 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.920 min Scan# 1980

Delta R.T. -0.002 min

Lab File: BG056359.D

Acq: 19 Jan 2023 23:14

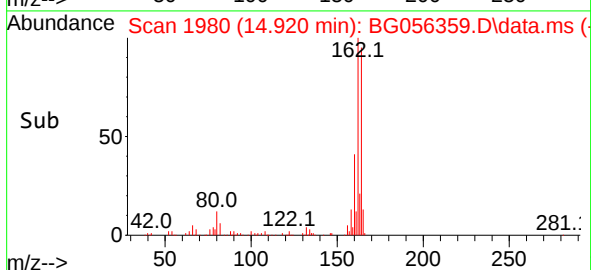
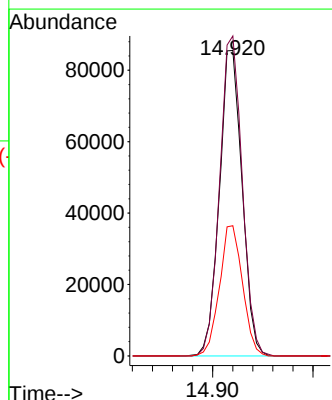
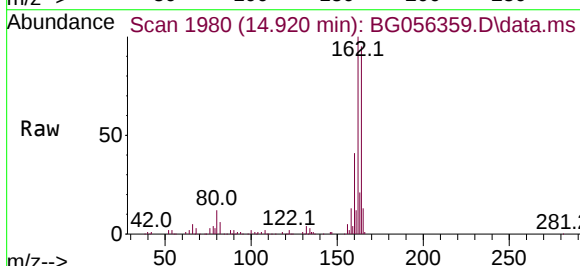
Tgt Ion:164 Resp: 134908

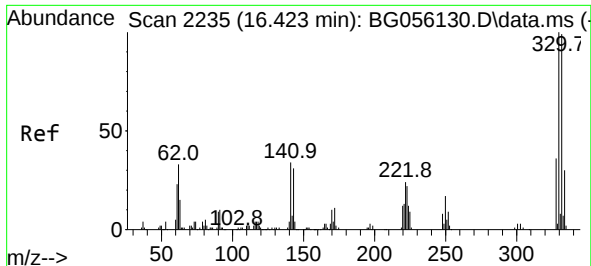
Ion Ratio Lower Upper

164 100

162 104.8 84.7 127.1

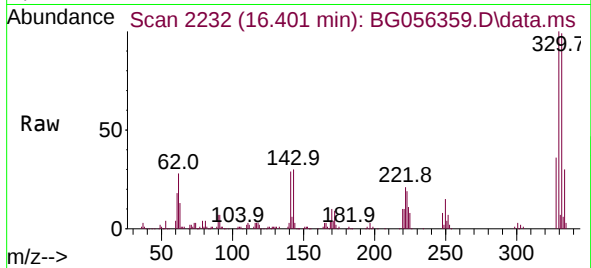
160 42.6 36.3 54.5



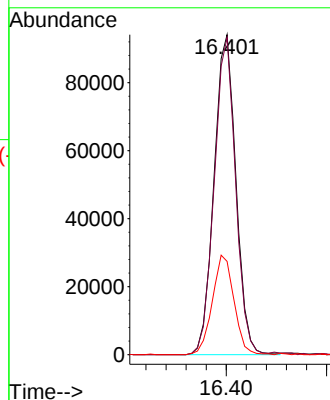
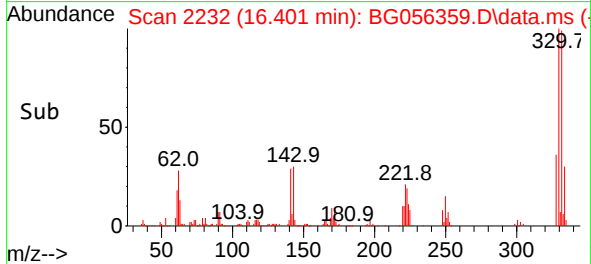


#42
2,4,6-Tribromophenol
Concen: 83.469 ng
RT: 16.401 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

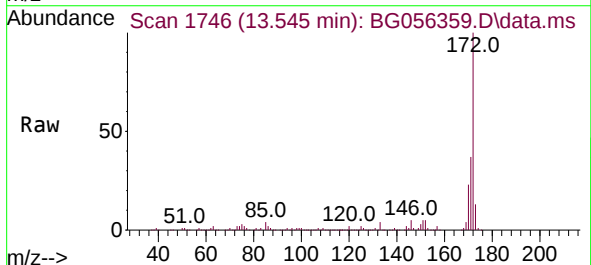
Instrument :
BNA_G
ClientSampleId :
BU-02-011823



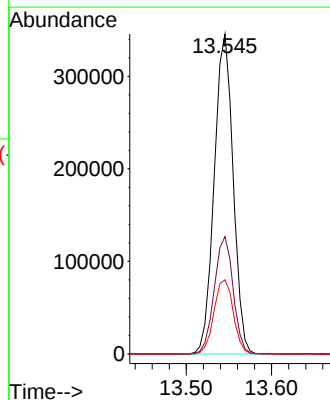
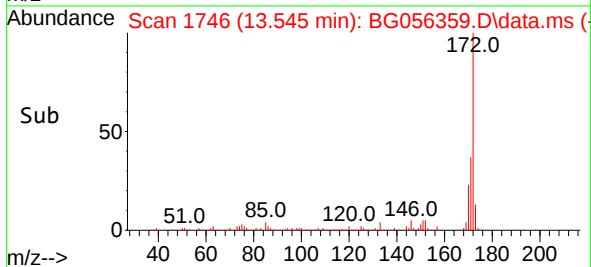
Tgt Ion:330 Resp: 142614
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.7 27.9 41.9

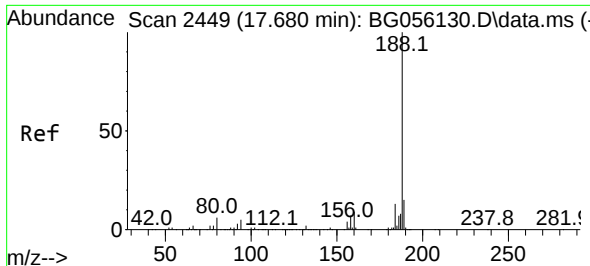


#45
2-Fluorobiphenyl
Concen: 54.398 ng
RT: 13.545 min Scan# 1746
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14



Tgt Ion:172 Resp: 531443
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.2 19.4 29.2

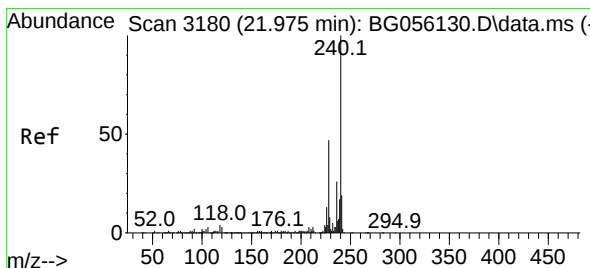
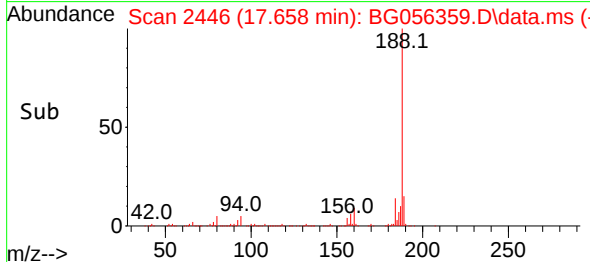
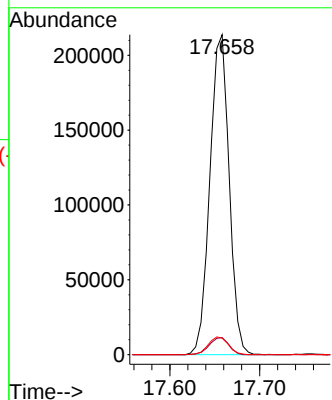
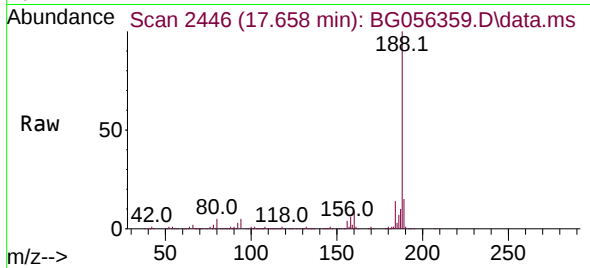




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.658 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

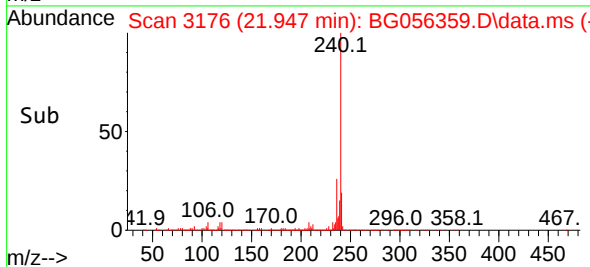
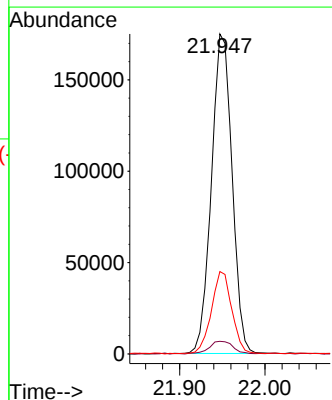
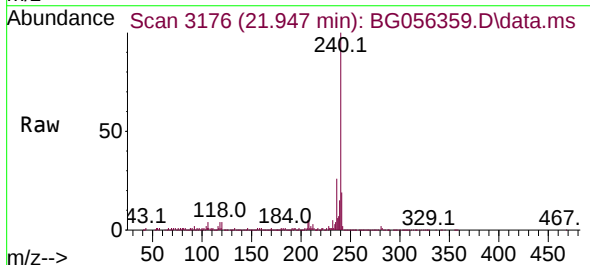
Instrument :
BNA_G
ClientSampleId :
BU-02-011823

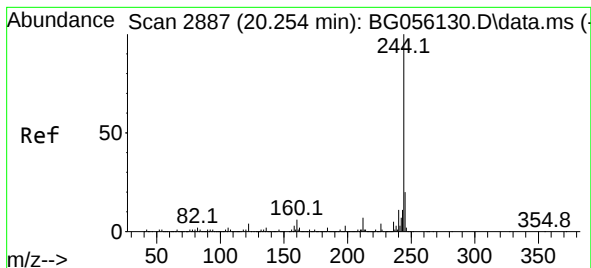
Tgt Ion:188 Resp: 319685
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 5.1 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.947 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG056359.D
Acq: 19 Jan 2023 23:14

Tgt Ion:240 Resp: 294304
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 25.7 20.8 31.2





#79

Terphenyl-d14

Concen: 56.345 ng

RT: 20.232 min Scan# 2884

Delta R.T. -0.002 min

Lab File: BG056359.D

Acq: 19 Jan 2023 23:14

Instrument :

BNA_G

ClientSampleId :

BU-02-011823

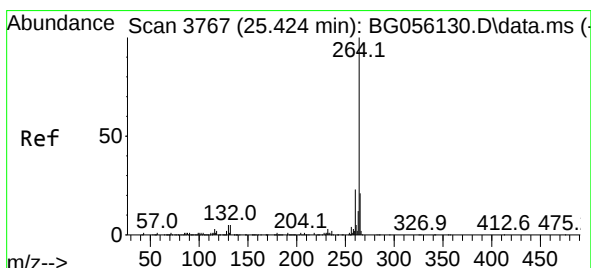
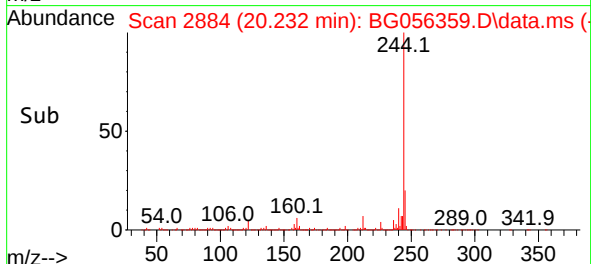
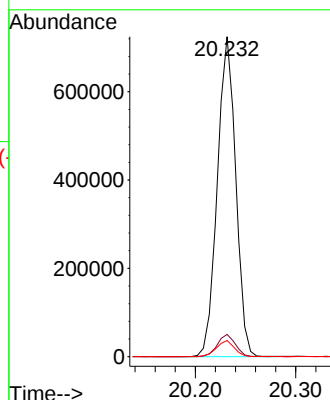
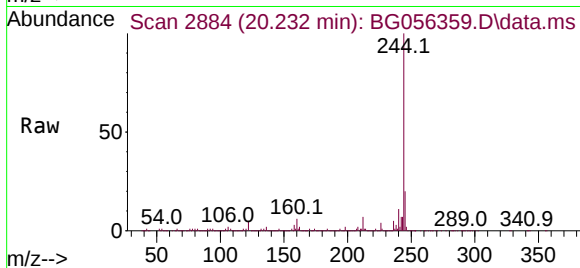
Tgt Ion:244 Resp: 925862

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 5.0 3.5 5.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.396 min Scan# 3763

Delta R.T. 0.004 min

Lab File: BG056359.D

Acq: 19 Jan 2023 23:14

Tgt Ion:264 Resp: 321867

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.1 16.7 25.1

