

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
 Data File : BG059769.D
 Acq On : 20 Nov 2023 15:02
 Operator : MA/JU
 Sample : PB157160BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157160BL

Quant Time: Nov 20 15:52:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	23584	20.000	ng	0.00
21) Naphthalene-d8	11.179	136	77290	20.000	ng	#-0.01
39) Acenaphthene-d10	14.963	164	62176	20.000	ng	# 0.00
64) Phenanthrene-d10	17.712	188	224540	20.000	ng	0.00
76) Chrysene-d12	22.043	240	144748	20.000	ng	# 0.00
86) Perylene-d12	25.621	264	218925	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	249095	177.774	ng	0.00
7) Phenol-d6	7.454	99	359701	173.230	ng	0.00
23) Nitrobenzene-d5	9.534	82	202397	100.012	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	157814	223.703	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	678813	146.956	ng	0.00
79) Terphenyl-d14	20.292	244	1613388	164.545	ng	0.00

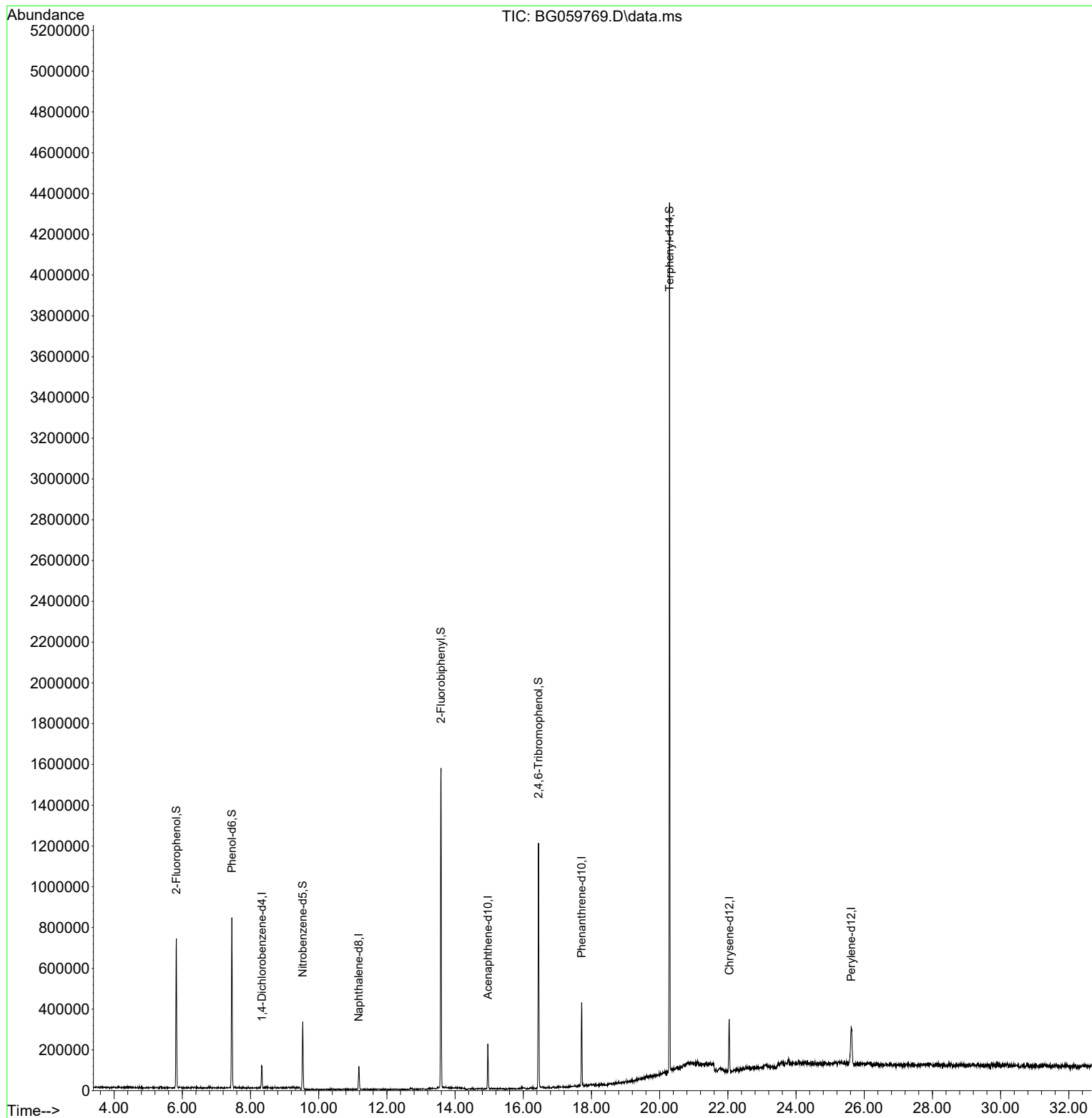
Target Compounds	Qvalue

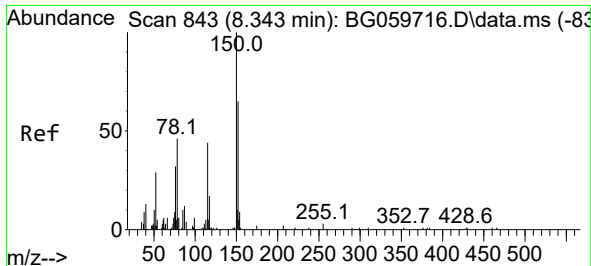
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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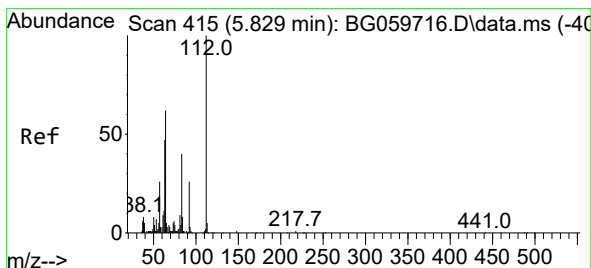
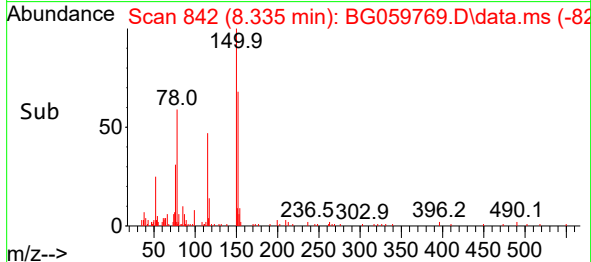
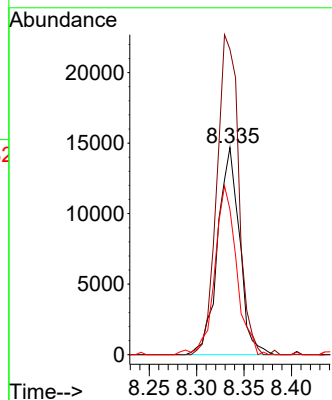
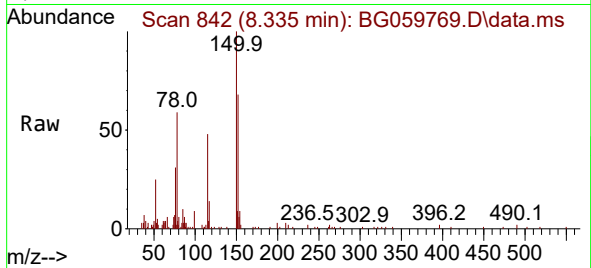




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG059769.D
Acq: 20 Nov 2023 15:02

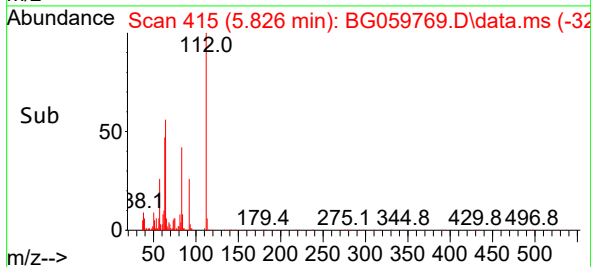
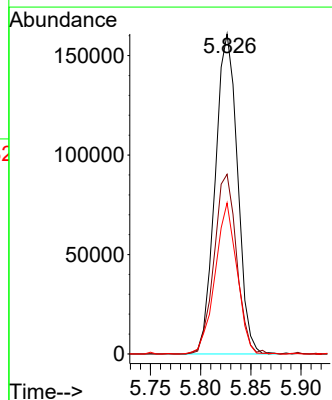
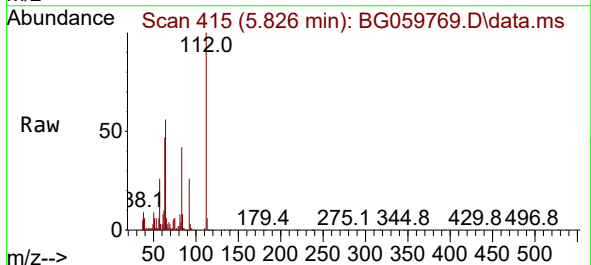
Instrument :
BNA_G
ClientSampleId :
PB157160BL

Tgt Ion:152 Resp: 23584
Ion Ratio Lower Upper
152 100
150 147.3 122.2 183.4
115 70.0 54.2 81.4



#5
2-Fluorophenol
Concen: 177.774 ng
RT: 5.826 min Scan# 415
Delta R.T. -0.002 min
Lab File: BG059769.D
Acq: 20 Nov 2023 15:02

Tgt Ion:112 Resp: 249095
Ion Ratio Lower Upper
112 100
64 56.2 49.5 74.3
63 47.2 37.4 56.2

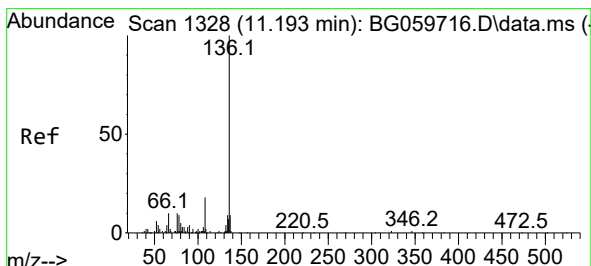
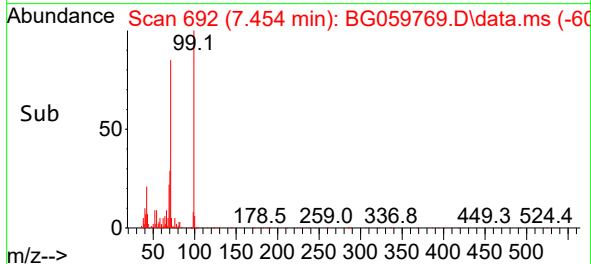
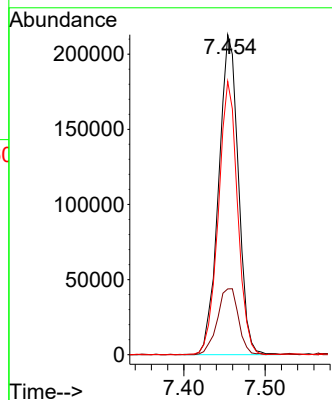
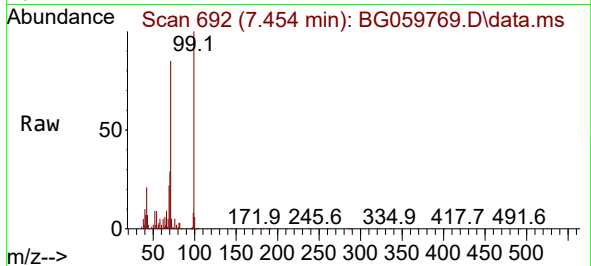




#7
Phenol-d6
Concen: 173.230 ng
RT: 7.454 min Scan# 692
Delta R.T. -0.002 min
Lab File: BG059769.D
Acq: 20 Nov 2023 15:02

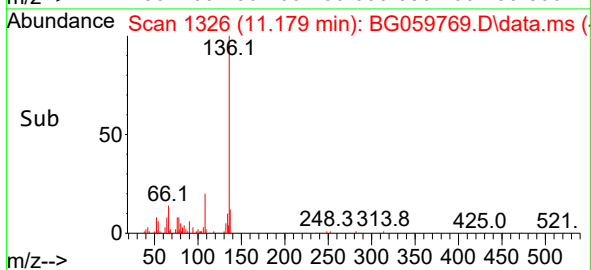
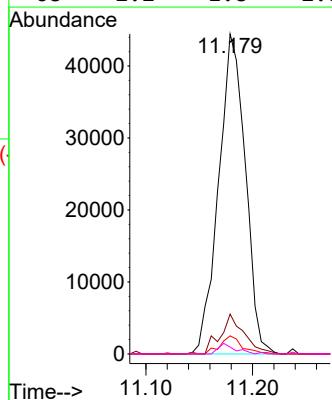
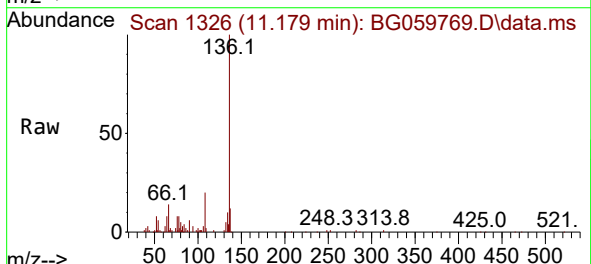
Instrument :
BNA_G
ClientSampleId :
PB157160BL

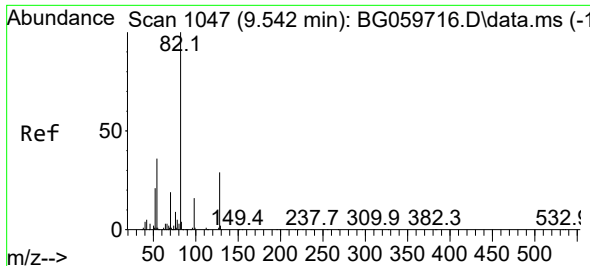
Tgt Ion: 99 Resp: 359701
Ion Ratio Lower Upper
99 100
42 20.5 14.3 21.5
71 85.4 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.179 min Scan# 1326
Delta R.T. -0.014 min
Lab File: BG059769.D
Acq: 20 Nov 2023 15:02

Tgt Ion: 136 Resp: 77290
Ion Ratio Lower Upper
136 100
137 12.4 7.4 11.0#
54 5.6 3.1 4.7#
68 2.2 1.8 2.8

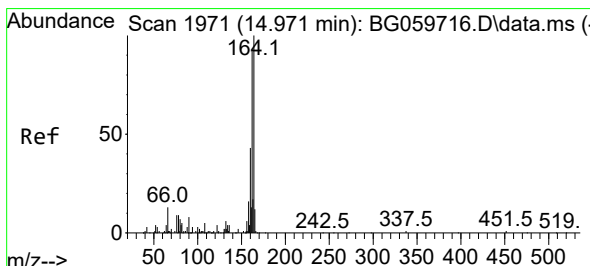
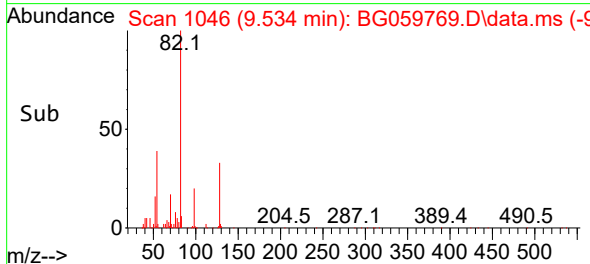
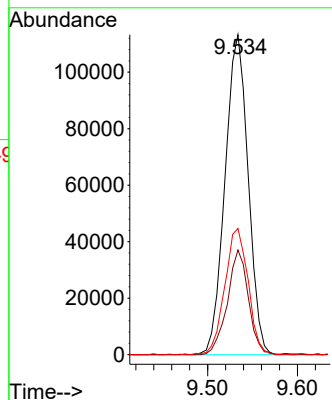
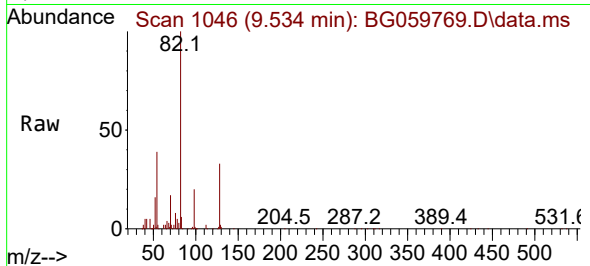




#23
Nitrobenzene-d5
Concen: 100.012 ng
RT: 9.534 min Scan# 1046
Delta R.T. -0.008 min
Lab File: BG059769.D
Acq: 20 Nov 2023 15:02

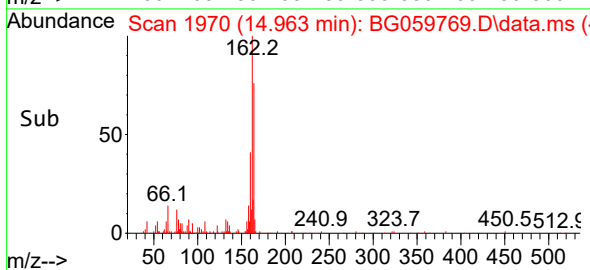
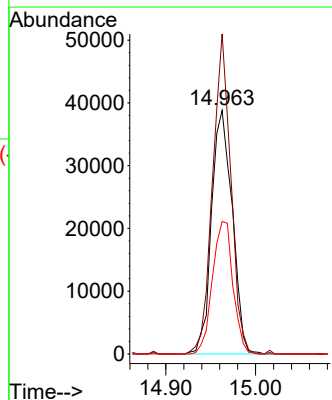
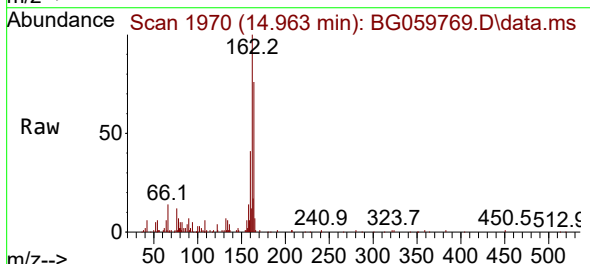
Instrument :
BNA_G
ClientSampleId :
PB157160BL

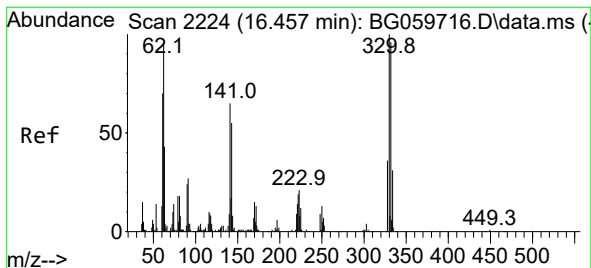
Tgt Ion: 82 Resp: 202397
Ion Ratio Lower Upper
82 100
128 32.7 23.0 34.6
54 39.5 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BG059769.D
Acq: 20 Nov 2023 15:02

Tgt Ion:164 Resp: 62176
Ion Ratio Lower Upper
164 100
162 131.4 73.3 109.9#
160 54.4 34.1 51.1#





#42

2,4,6-Tribromophenol

Concen: 223.703 ng

RT: 16.449 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

Instrument :

BNA_G

ClientSampleId :

PB157160BL

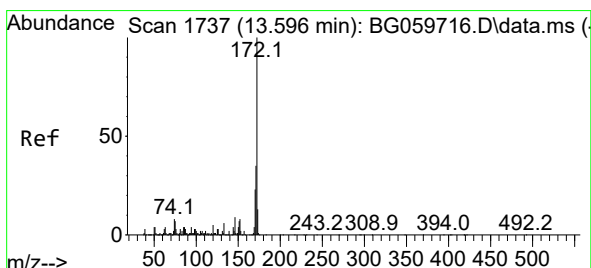
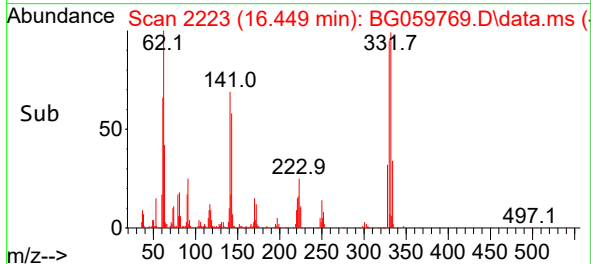
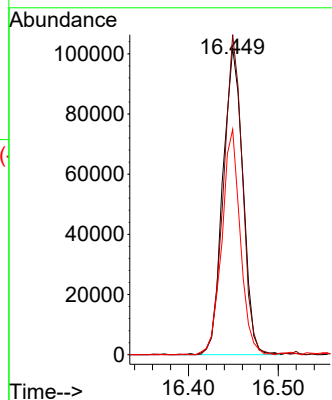
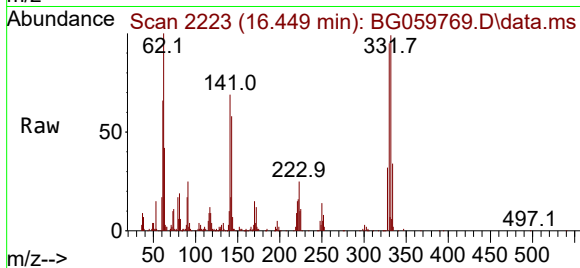
Tgt Ion:330 Resp: 157814

Ion Ratio Lower Upper

330 100

332 98.3 73.3 109.9

141 67.3 52.1 78.1



#45

2-Fluorobiphenyl

Concen: 146.956 ng

RT: 13.588 min Scan# 1736

Delta R.T. -0.008 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

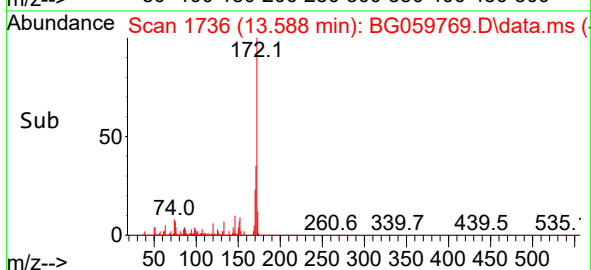
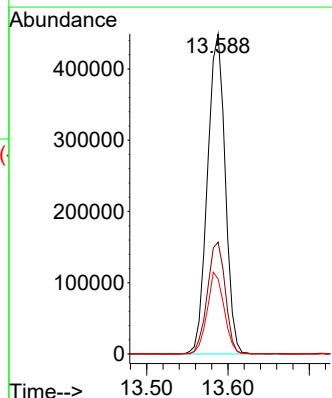
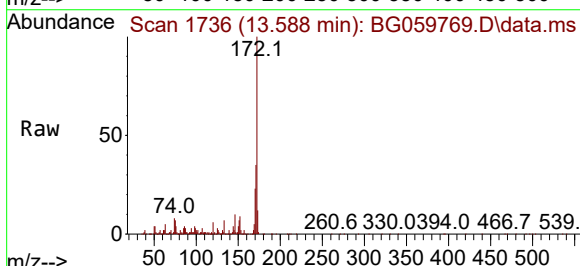
Tgt Ion:172 Resp: 678813

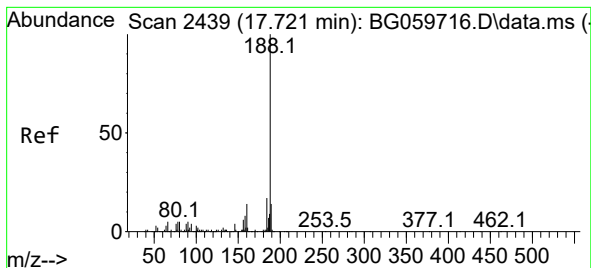
Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.4 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 2439

Delta R.T. -0.008 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

Instrument :

BNA_G

ClientSampleId :

PB157160BL

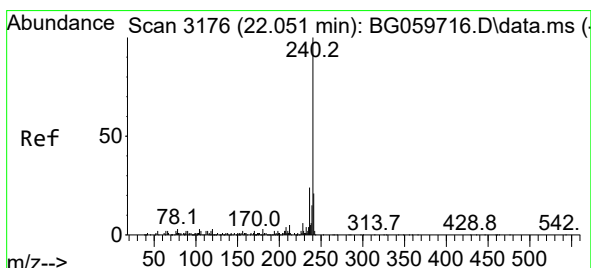
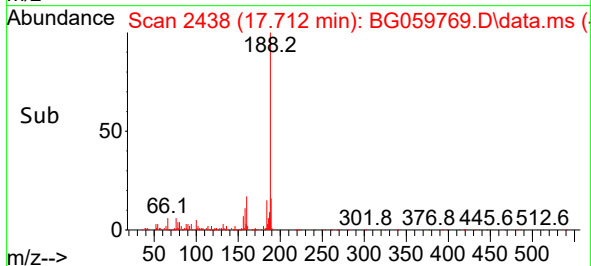
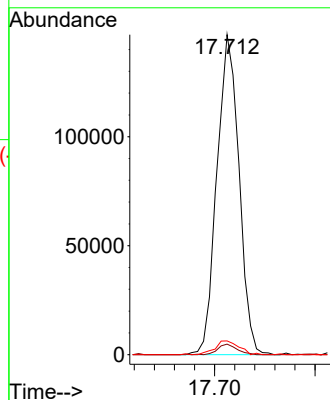
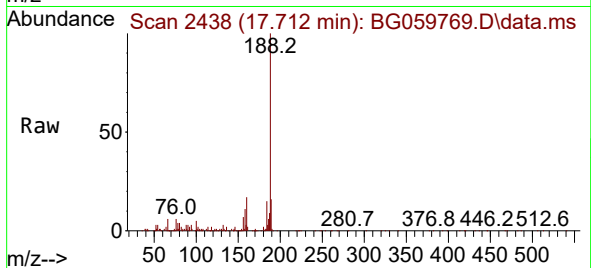
Tgt Ion:188 Resp: 224540

Ion Ratio Lower Upper

188 100

94 3.3 3.0 4.4

80 4.3 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.043 min Scan# 3175

Delta R.T. -0.008 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

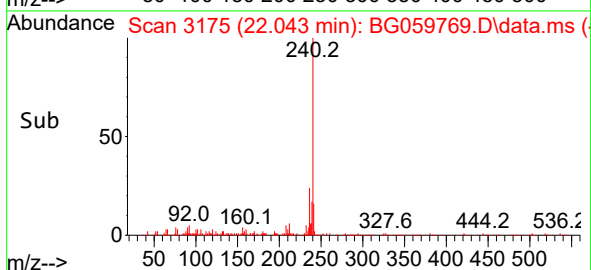
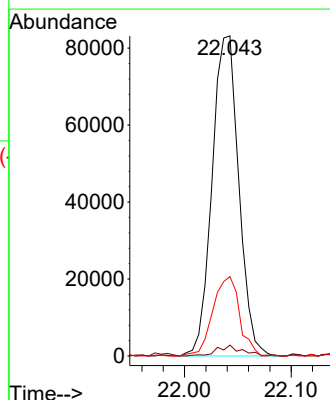
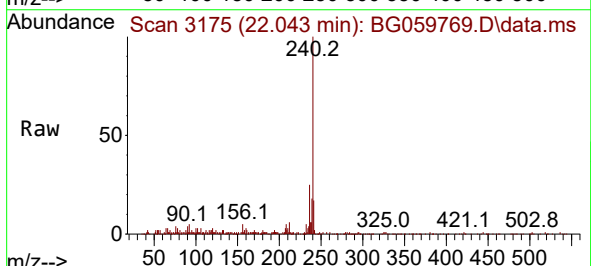
Tgt Ion:240 Resp: 144748

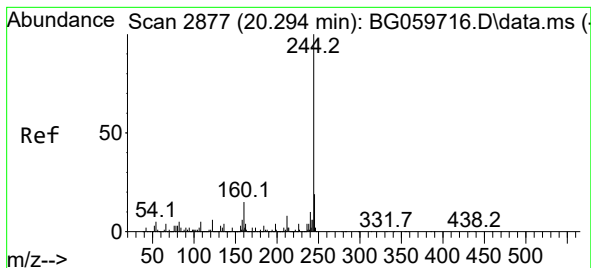
Ion Ratio Lower Upper

240 100

120 3.4 2.2 3.2#

236 24.8 19.4 29.2





#79

Terphenyl-d14

Concen: 164.545 ng

RT: 20.292 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

Instrument :

BNA_G

ClientSampleId :

PB157160BL

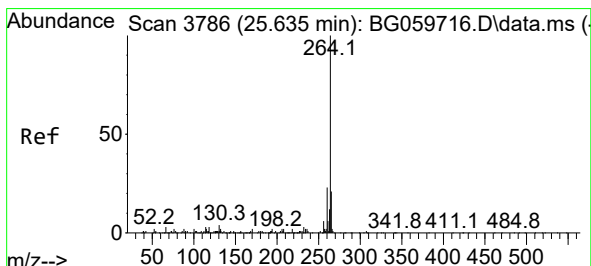
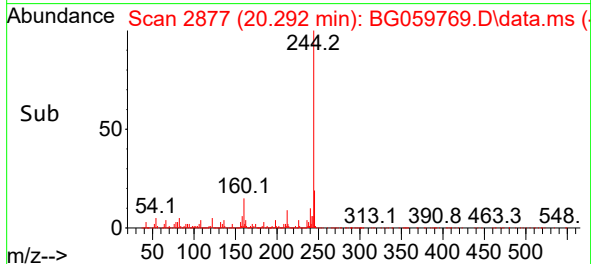
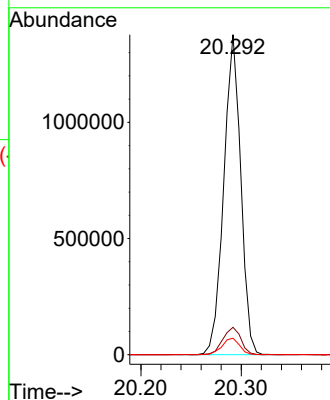
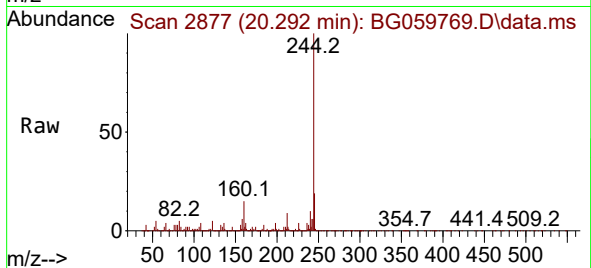
Tgt Ion:244 Resp: 1613388

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

122 5.2 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.621 min Scan# 3784

Delta R.T. -0.014 min

Lab File: BG059769.D

Acq: 20 Nov 2023 15:02

Tgt Ion:264 Resp: 218925

Ion Ratio Lower Upper

264 100

260 29.0 18.5 27.7#

265 19.5 17.0 25.6

