

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
 Data File : BG059782.D
 Acq On : 20 Nov 2023 23:51
 Operator : MA/JU
 Sample : 05378-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-3

Quant Time: Nov 21 00:56:04 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	8.330	152	36203	20.000	ng	#-0.01
21) Naphthalene-d8	11.179	136	160921	20.000	ng	#-0.01
39) Acenaphthene-d10	14.963	164	113504	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	237415	20.000	ng	0.00
76) Chrysene-d12	22.037	240	165803	20.000	ng	#-0.01
86) Perylene-d12	25.627	264	187713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	146567	68.141	ng	0.00
7) Phenol-d6	7.454	99	232075	72.809	ng	0.00
23) Nitrobenzene-d5	9.528	82	218440	51.843	ng	-0.01
42) 2,4,6-Tribromophenol	16.450	330	112857	87.633	ng	0.00
45) 2-Fluorobiphenyl	13.582	172	422410	50.094	ng	-0.01
79) Terphenyl-d14	20.286	244	637313	56.744	ng	0.00

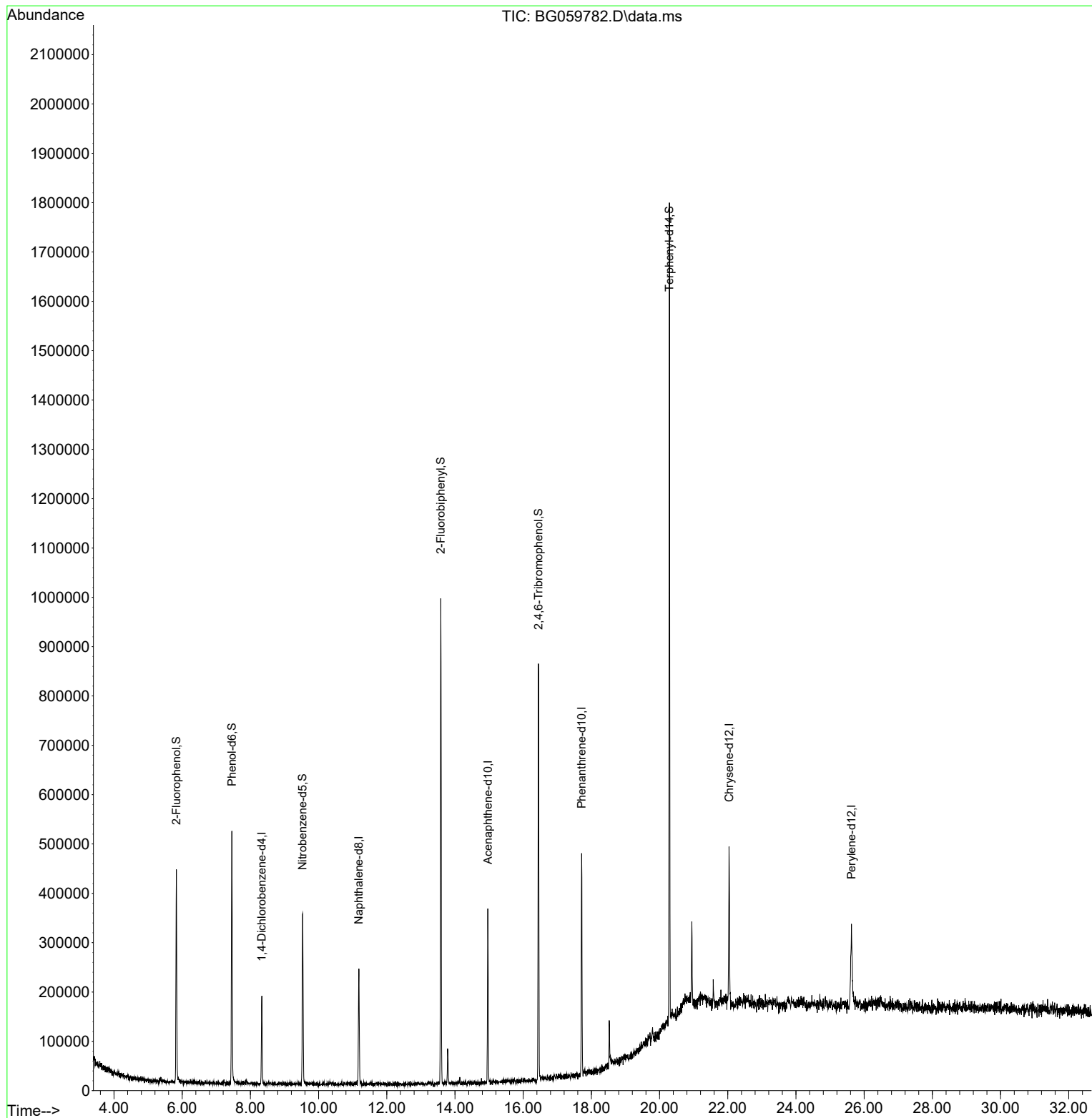
Target Compounds	Qvalue

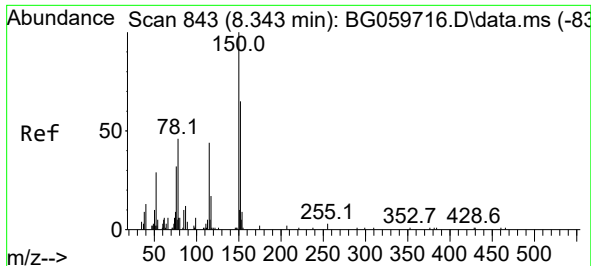
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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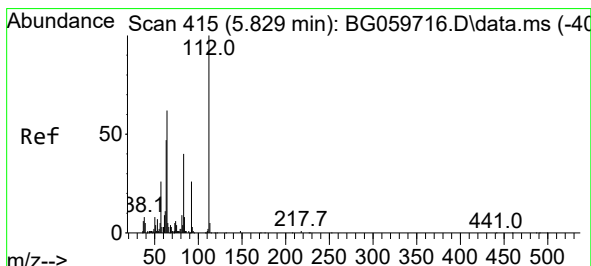
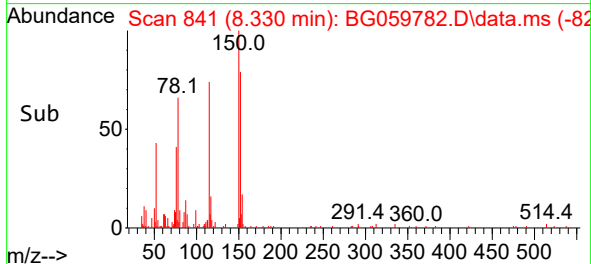
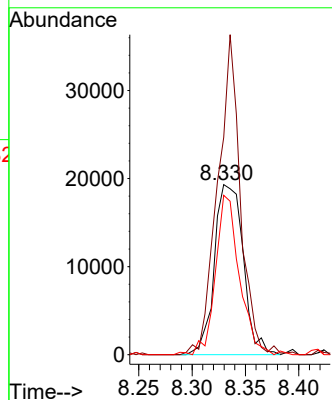
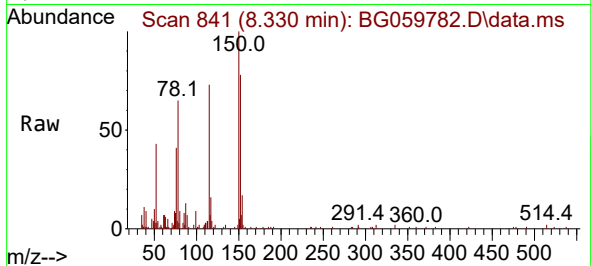




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.330 min Scan# 843
 Delta R.T. -0.013 min
 Lab File: BG059782.D
 Acq: 20 Nov 2023 23:51

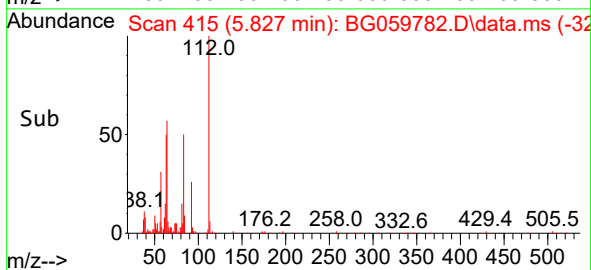
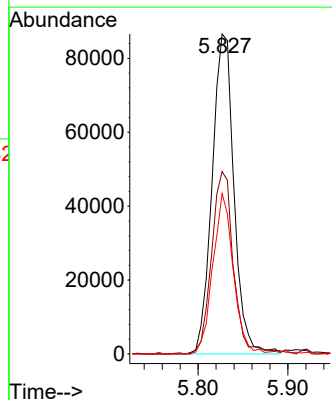
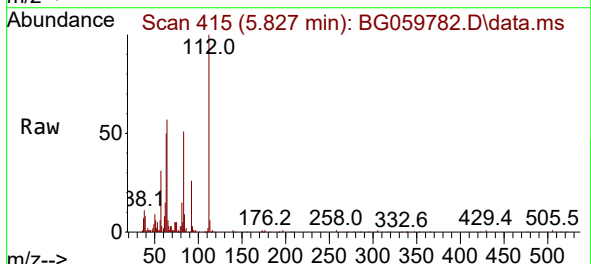
Instrument :
 BNA_G
 ClientSampleId :
 MH-3

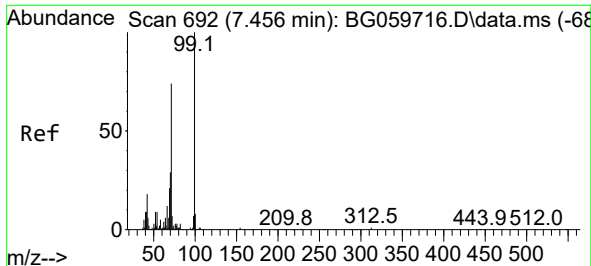
Tgt Ion:152 Resp: 36203
 Ion Ratio Lower Upper
 152 100
 150 127.7 122.2 183.4
 115 93.7 54.2 81.4#



#5
 2-Fluorophenol
 Concen: 68.141 ng
 RT: 5.827 min Scan# 415
 Delta R.T. -0.002 min
 Lab File: BG059782.D
 Acq: 20 Nov 2023 23:51

Tgt Ion:112 Resp: 146567
 Ion Ratio Lower Upper
 112 100
 64 57.0 49.5 74.3
 63 50.2 37.4 56.2

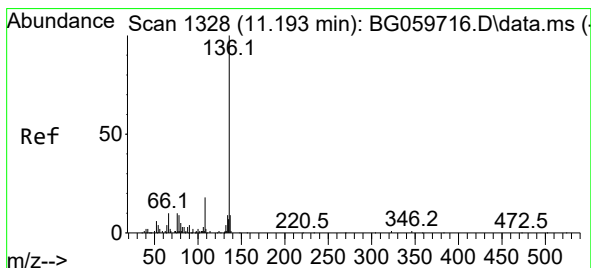
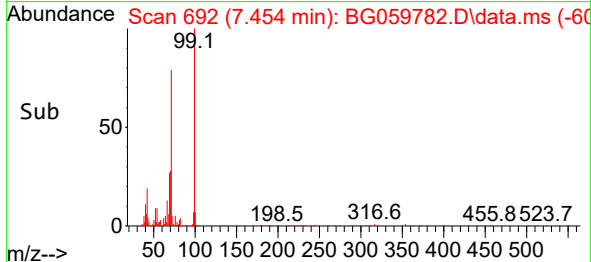
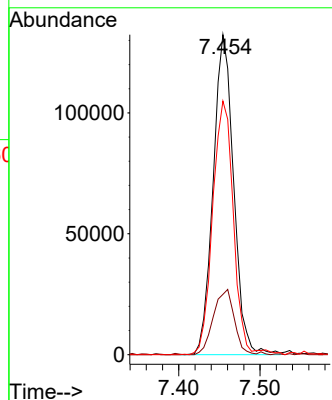
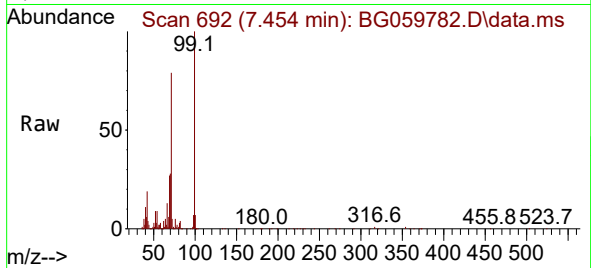




#7
Phenol-d6
Concen: 72.809 ng
RT: 7.454 min Scan# 692
Delta R.T. -0.002 min
Lab File: BG059782.D
Acq: 20 Nov 2023 23:51

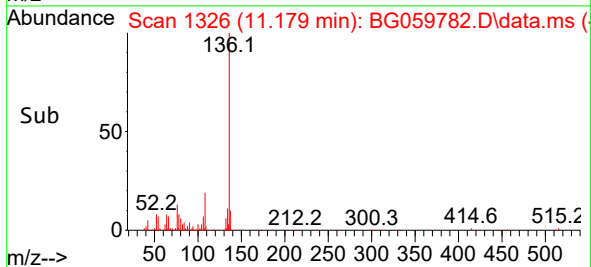
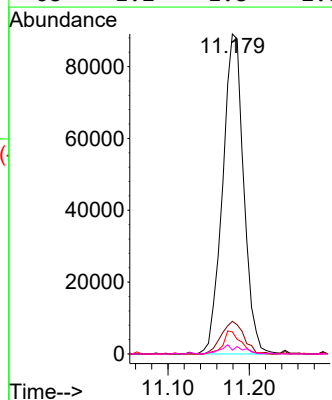
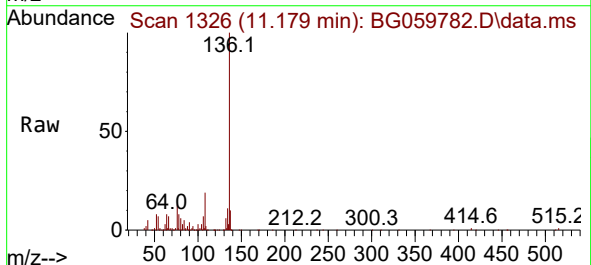
Instrument :
BNA_G
ClientSampleId :
MH-3

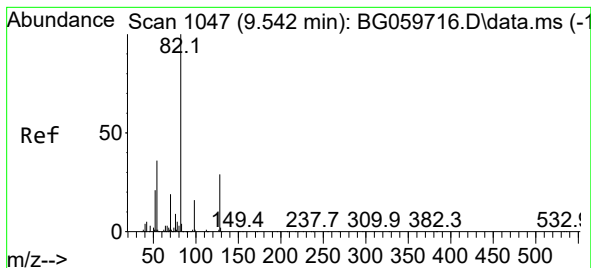
Tgt Ion: 99 Resp: 232075
Ion Ratio Lower Upper
99 100
42 18.9 14.3 21.5
71 79.2 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.179 min Scan# 1326
Delta R.T. -0.014 min
Lab File: BG059782.D
Acq: 20 Nov 2023 23:51

Tgt Ion:136 Resp: 160921
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.0
54 6.9 3.1 4.7#
68 1.2 1.8 2.8#





#23

Nitrobenzene-d5

Concen: 51.843 ng

RT: 9.528 min Scan# 1045

Delta R.T. -0.014 min

Lab File: BG059782.D

Acq: 20 Nov 2023 23:51

Instrument :

BNA_G

ClientSampleId :

MH-3

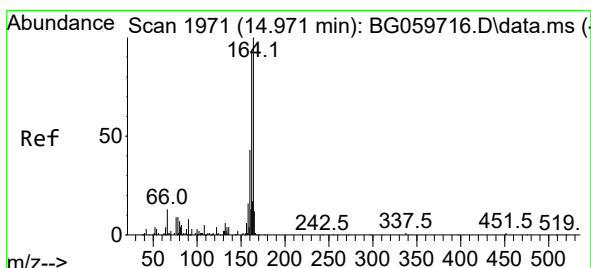
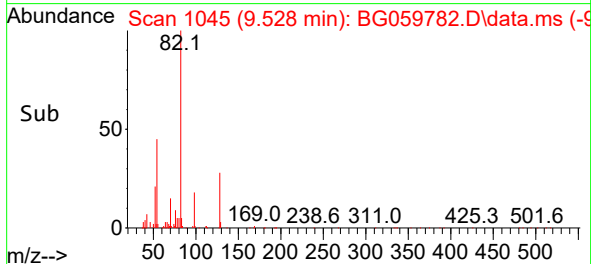
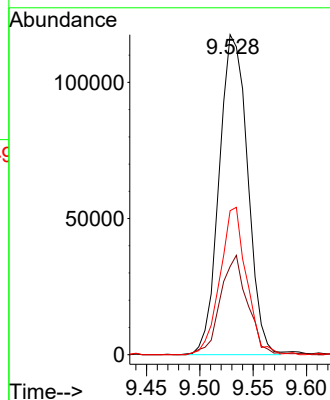
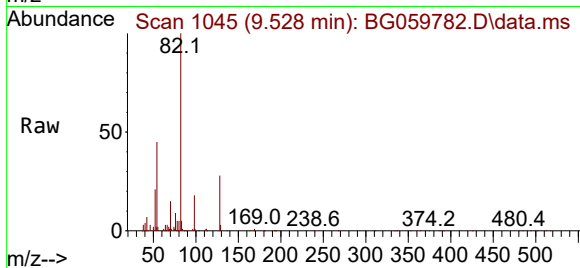
Tgt Ion: 82 Resp: 218440

Ion Ratio Lower Upper

82 100

128 27.6 23.0 34.6

54 45.0 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: BG059782.D

Acq: 20 Nov 2023 23:51

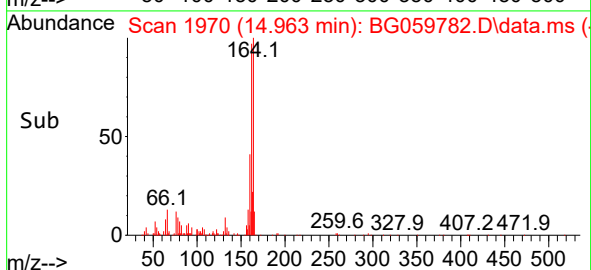
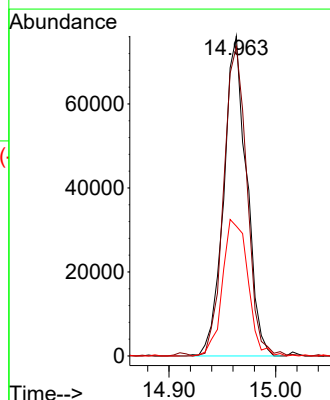
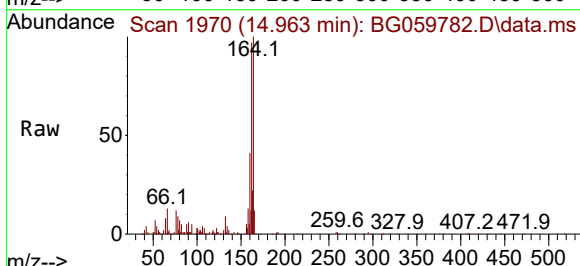
Tgt Ion:164 Resp: 113504

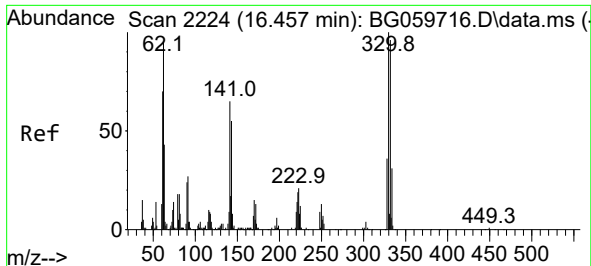
Ion Ratio Lower Upper

164 100

162 96.7 73.3 109.9

160 40.5 34.1 51.1

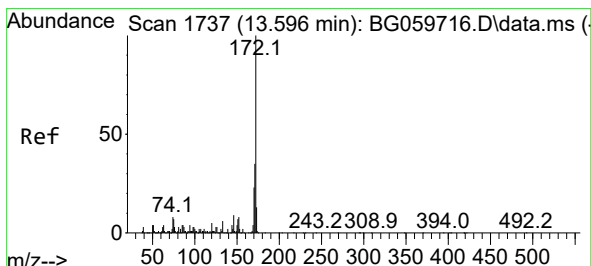
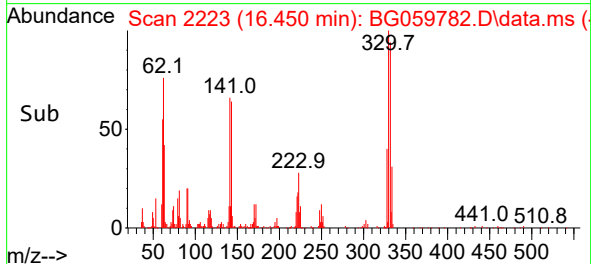
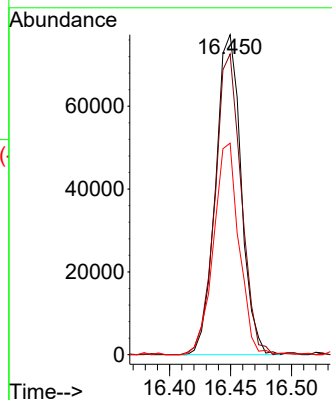
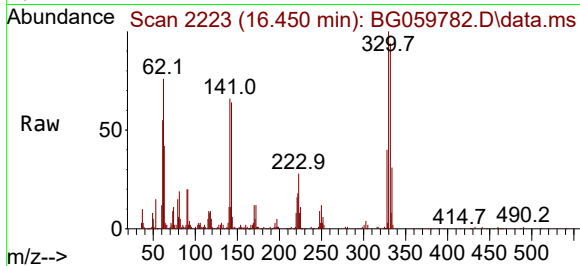




#42
2,4,6-Tribromophenol
Concen: 87.633 ng
RT: 16.450 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059782.D
Acq: 20 Nov 2023 23:51

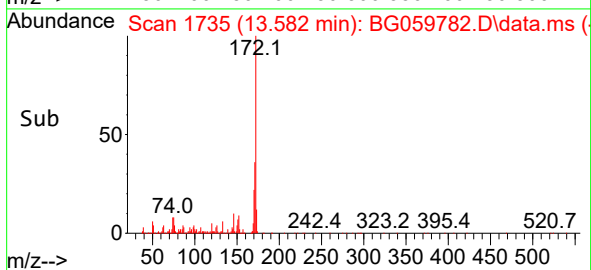
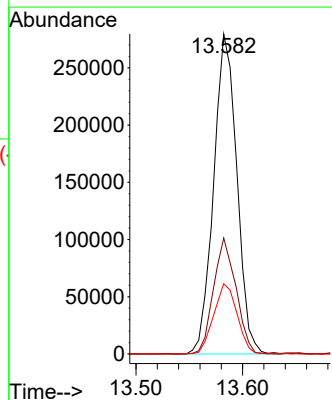
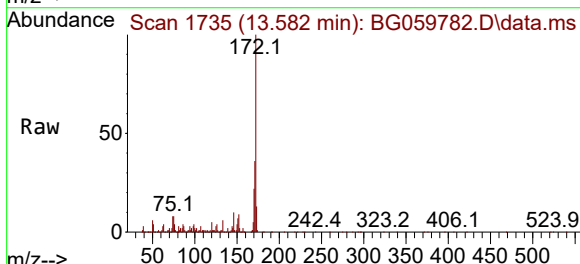
Instrument :
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ClientSampleId :
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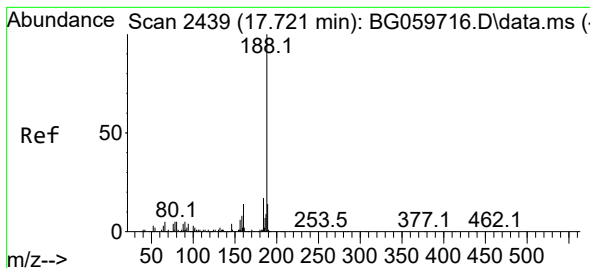
Tgt Ion: 330 Resp: 112857
Ion Ratio Lower Upper
330 100
332 96.3 73.3 109.9
141 66.3 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 50.094 ng
RT: 13.582 min Scan# 1735
Delta R.T. -0.014 min
Lab File: BG059782.D
Acq: 20 Nov 2023 23:51

Tgt Ion: 172 Resp: 422410
Ion Ratio Lower Upper
172 100
171 36.3 27.7 41.5
170 22.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.713 min Scan# 24

Delta R.T. -0.008 min

Lab File: BG059782.D

Acq: 20 Nov 2023 23:51

Instrument :

BNA_G

ClientSampleId :

MH-3

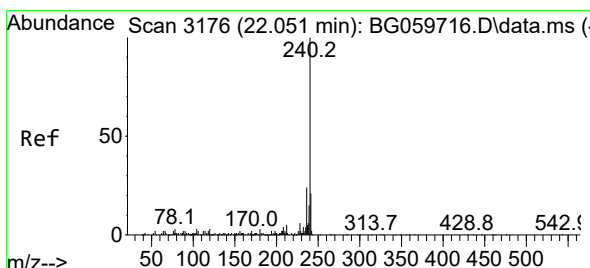
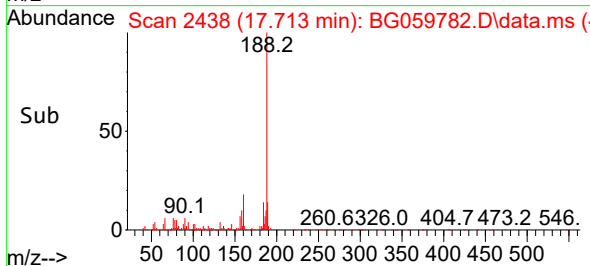
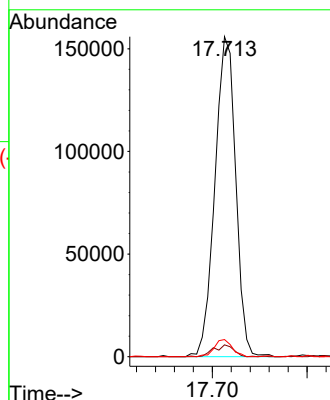
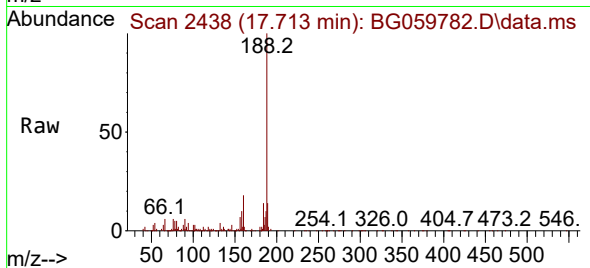
Tgt Ion:188 Resp: 237415

Ion Ratio Lower Upper

188 100

94 3.7 3.0 4.4

80 5.4 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.037 min Scan# 3174

Delta R.T. -0.014 min

Lab File: BG059782.D

Acq: 20 Nov 2023 23:51

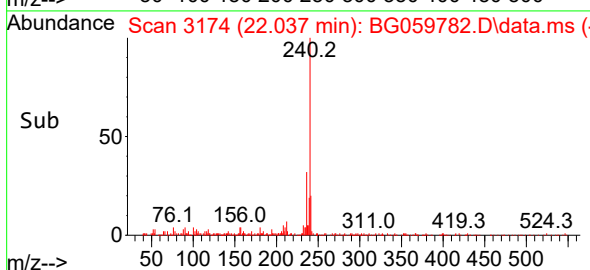
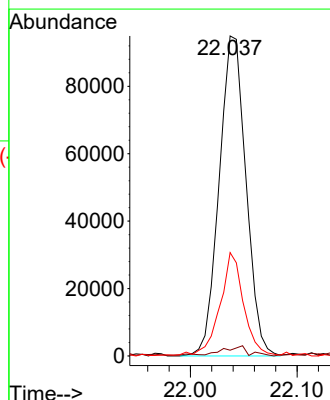
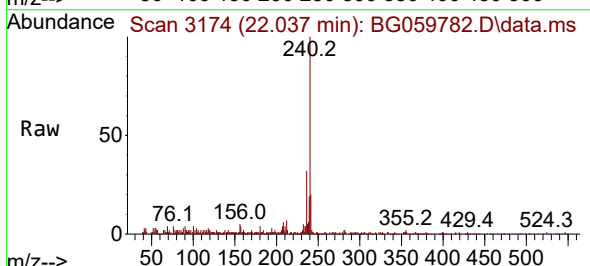
Tgt Ion:240 Resp: 165803

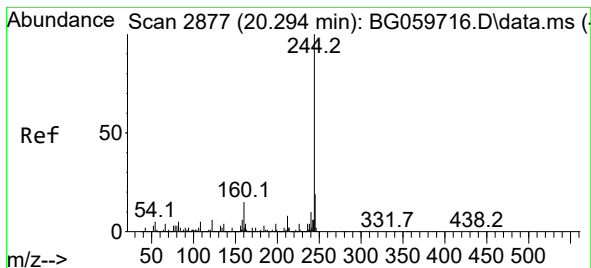
Ion Ratio Lower Upper

240 100

120 1.8 2.2 3.2#

236 32.3 19.4 29.2#





#79

Terphenyl-d14

Concen: 56.744 ng

RT: 20.286 min Scan# 2

Delta R.T. -0.008 min

Lab File: BG059782.D

Acq: 20 Nov 2023 23:51

Instrument :

BNA_G

ClientSampleId :

MH-3

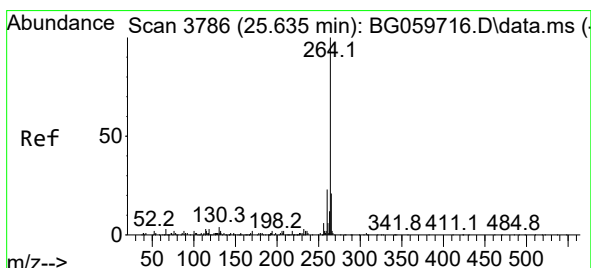
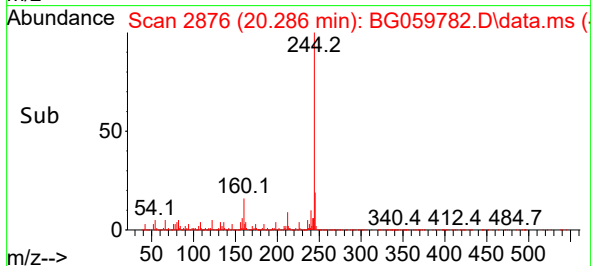
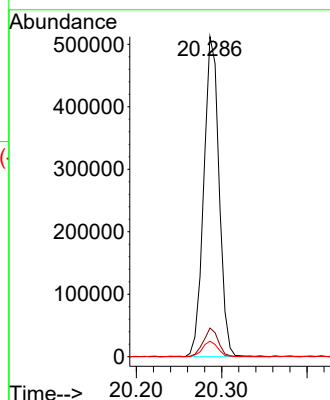
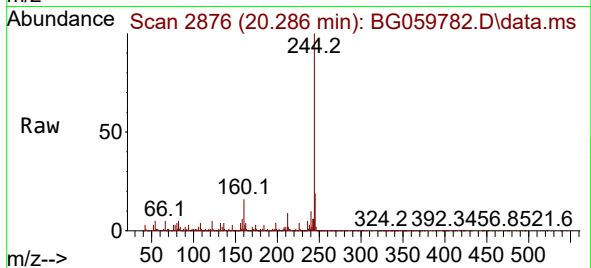
Tgt Ion:244 Resp: 637313

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

122 4.9 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.627 min Scan# 3785

Delta R.T. -0.008 min

Lab File: BG059782.D

Acq: 20 Nov 2023 23:51

Tgt Ion:264 Resp: 187713

Ion Ratio Lower Upper

264 100

260 25.4 18.5 27.7

265 20.7 17.0 25.6

