

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)

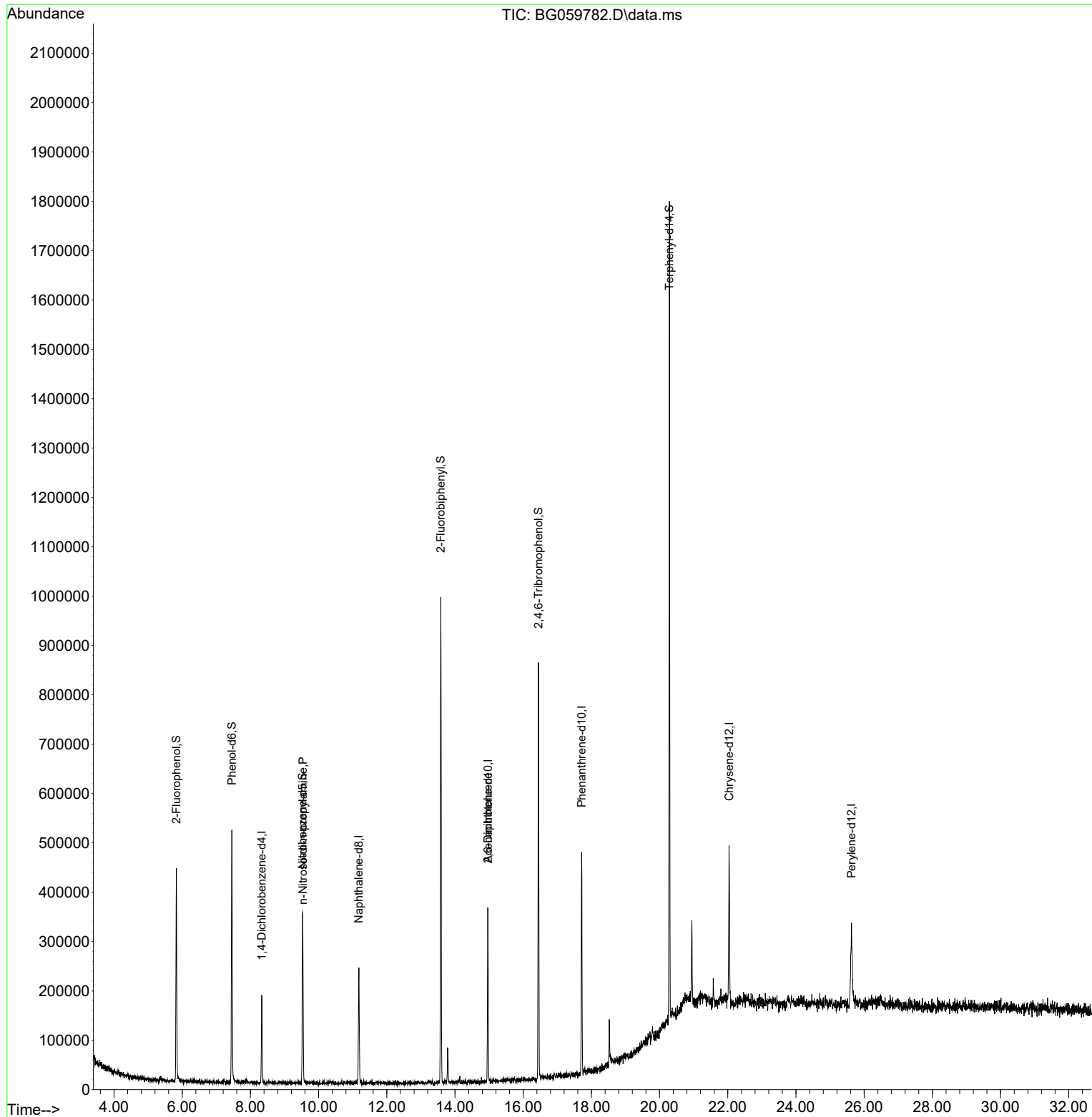
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.330	152	36203	20.000	ng	#-0.01
21) Naphthalene-d8	11.179	136	160921	20.000	ng	#-0.01
39) Acenaphthene-d10	14.963	164	113504	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	237415	20.000	ng	0.00
76) Chrysene-d12	22.037	240	165803	20.000	ng	#-0.01
86) 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						
19) n-Nitroso-di-n-propyla...	9.540	70	35926	14.313	ng	# 76
51) 2,6-Dinitrotoluene	14.963	165	14547	8.718	ng	# 2

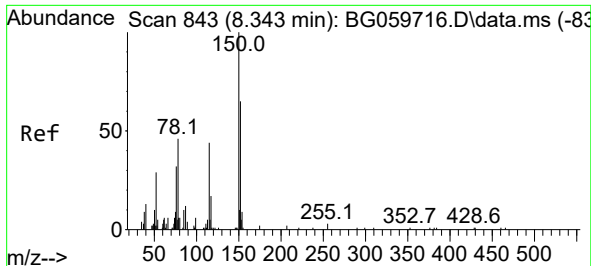
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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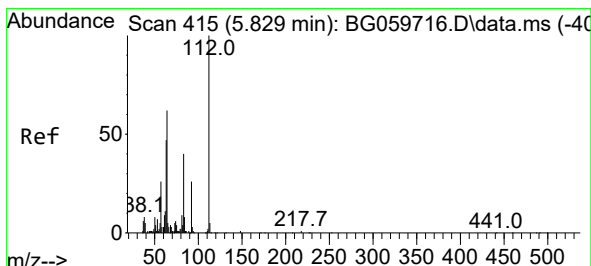
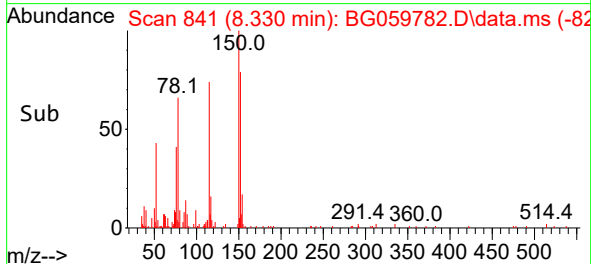
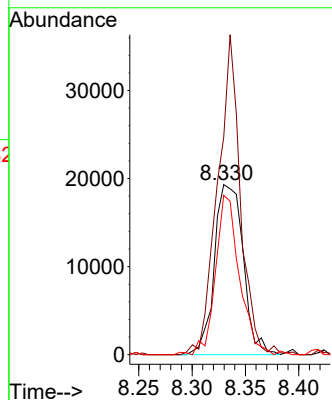
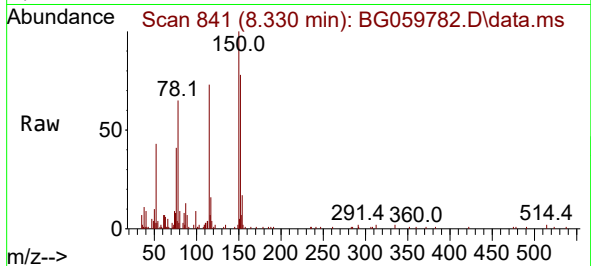




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.330 min Scan# 843
Delta R.T. -0.013 min
Lab File: BG059782.D
Acq: 20 Nov 2023 23:51

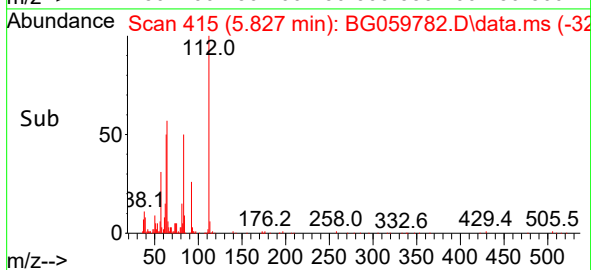
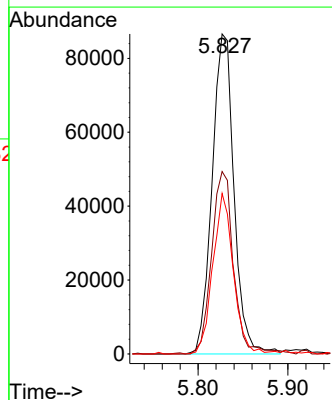
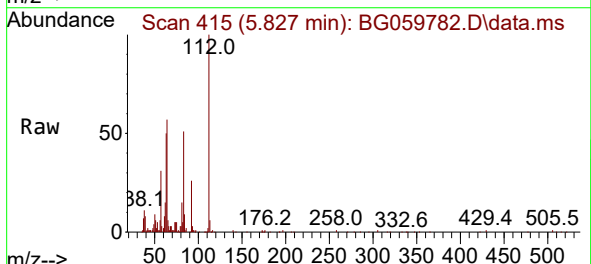
Instrument :
BNA_G
ClientSampleId :
MH-3

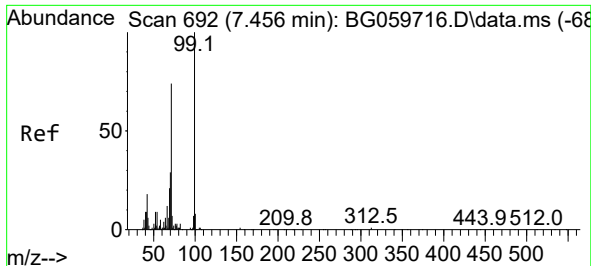
Tgt Ion:152 Resp: 36203
Ion Ratio Lower Upper
152 100
150 127.7 122.2 183.4
115 93.7 54.2 81.4#



#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

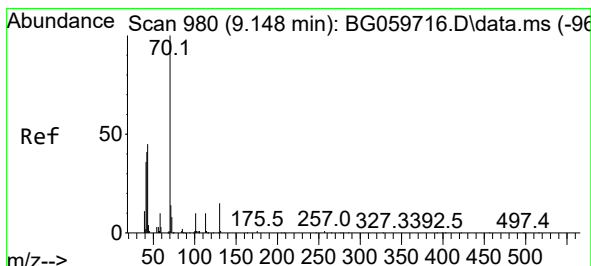
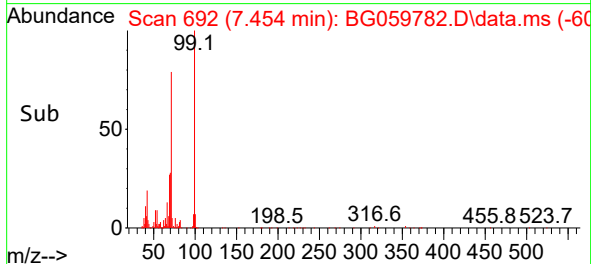
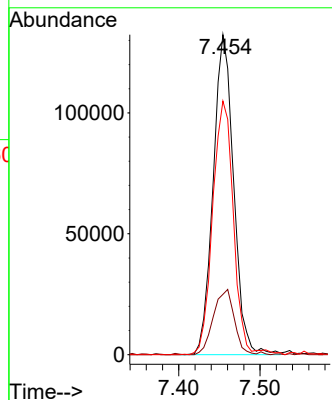
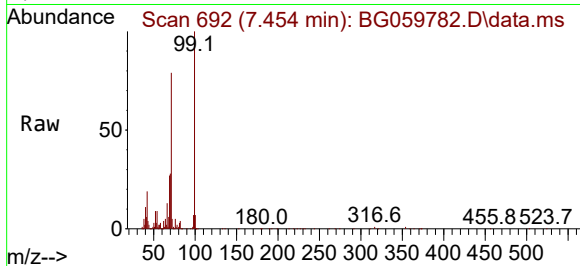




#7
Phenol-d6
Concen: 72.809 ng
RT: 7.454 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG059782.D
Acq: 20 Nov 2023 23:51

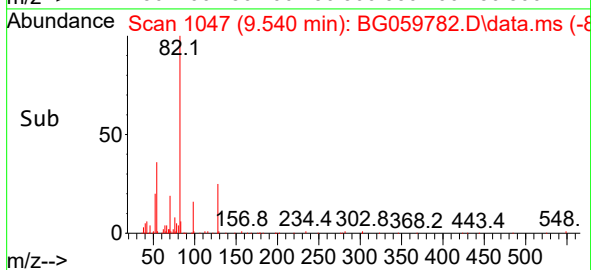
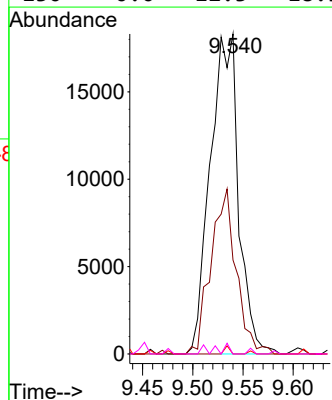
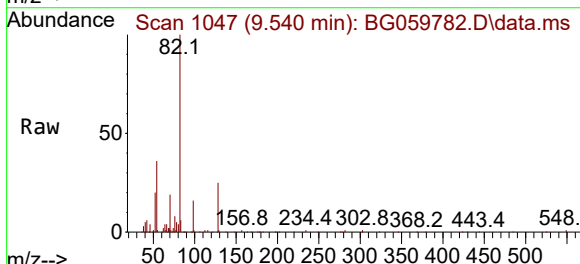
Instrument :
BNA_G
ClientSampleId :
MH-3

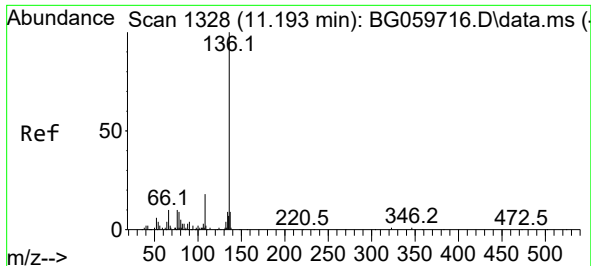
Tgt Ion: 99 Resp: 232075
Ion Ratio Lower Upper
99 100
42 18.9 14.3 21.5
71 79.2 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.313 ng
RT: 9.540 min Scan# 1047
Delta R.T. 0.392 min
Lab File: BG059782.D
Acq: 20 Nov 2023 23:51

Tgt Ion: 70 Resp: 35926
Ion Ratio Lower Upper
70 100
42 29.3 32.8 49.2#
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

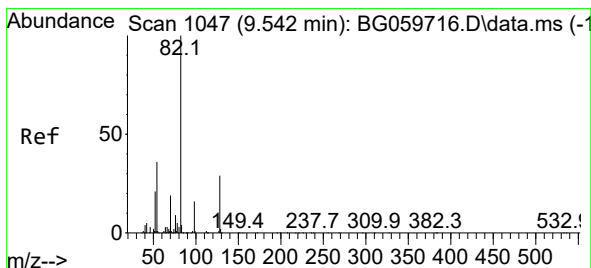
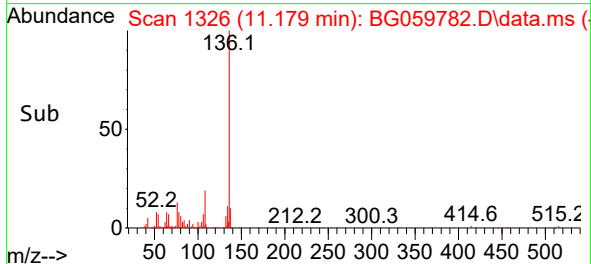
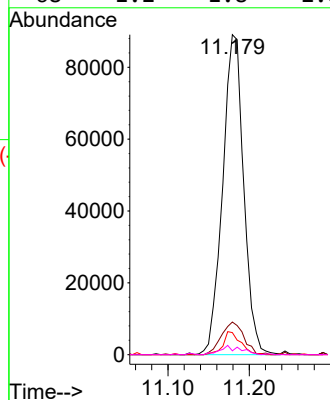
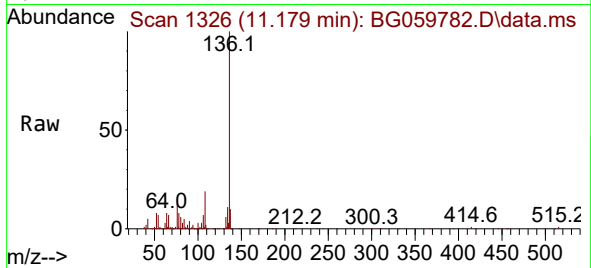




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.179 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG059782.D
Acq: 20 Nov 2023 23:51

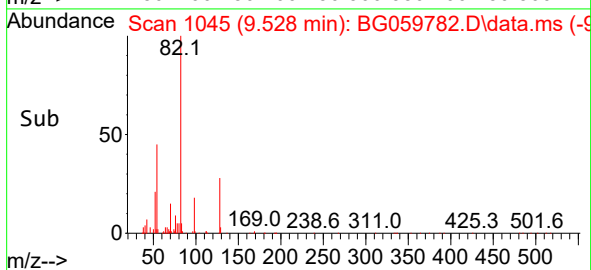
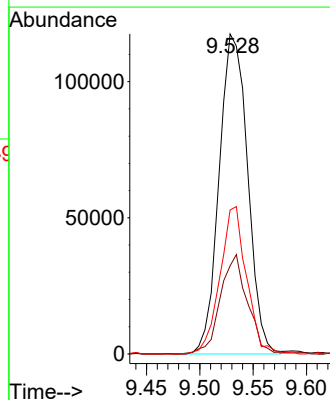
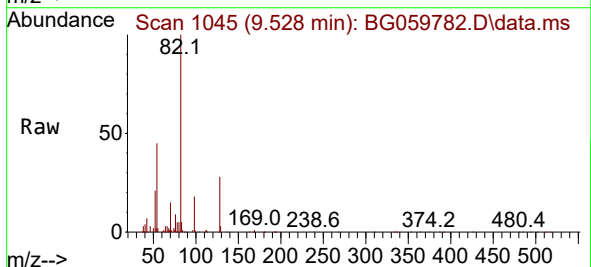
Instrument :
BNA_G
ClientSampleId :
MH-3

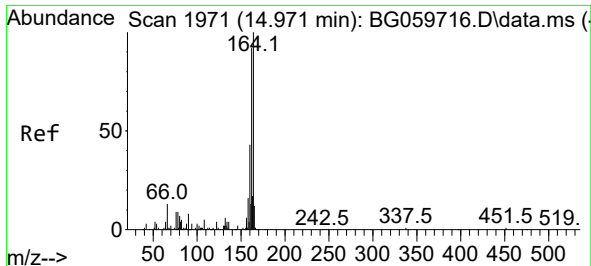
Tgt Ion:136 Resp: 160921
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.0
54 6.9 3.1 4.7#
68 1.2 1.8 2.8#



#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

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#

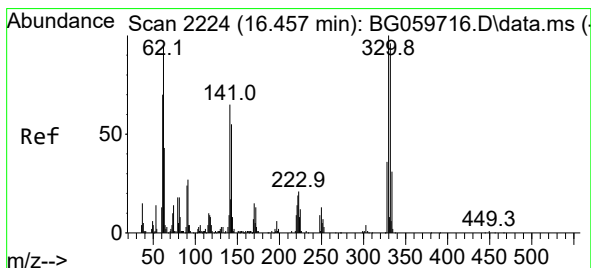
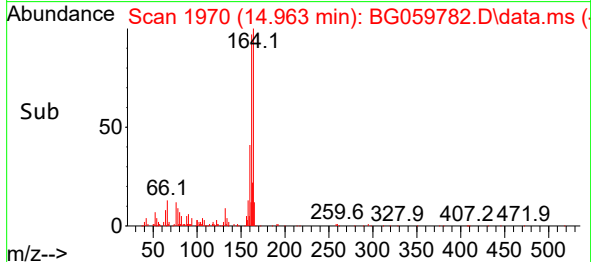
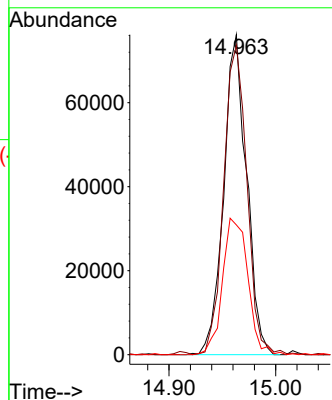
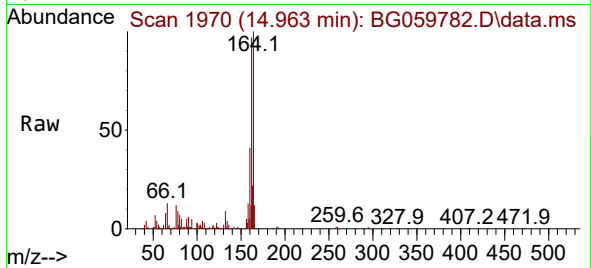




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.963 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BG059782.D
Acq: 20 Nov 2023 23:51

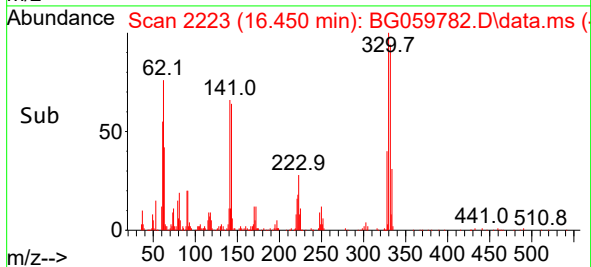
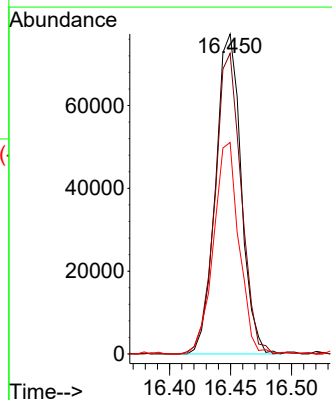
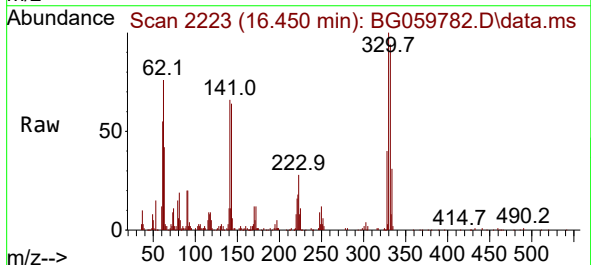
Instrument :
BNA_G
ClientSampleId :
MH-3

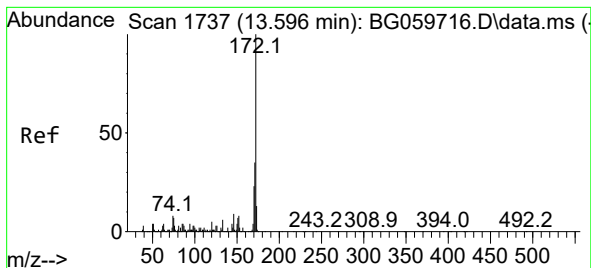
Tgt Ion:164 Resp: 113504
Ion Ratio Lower Upper
164 100
162 96.7 73.3 109.9
160 40.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 87.633 ng
RT: 16.450 min Scan# 2223
Delta R.T. -0.008 min
Lab File: BG059782.D
Acq: 20 Nov 2023 23:51

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# 1

Delta R.T. -0.014 min

Lab File: BG059782.D

Acq: 20 Nov 2023 23:51

Instrument :

BNA_G

ClientSampleId :

MH-3

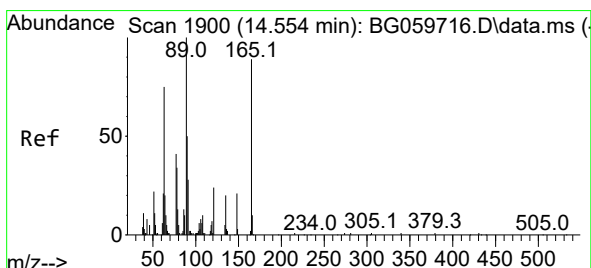
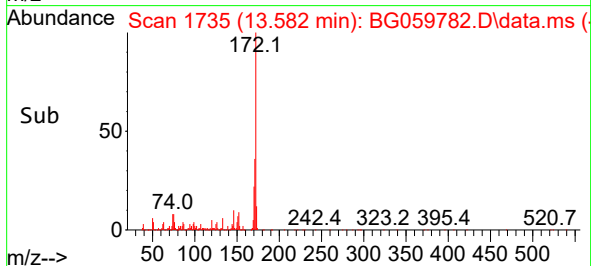
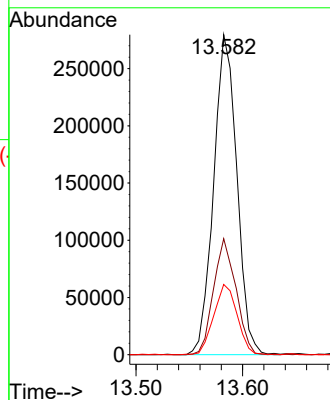
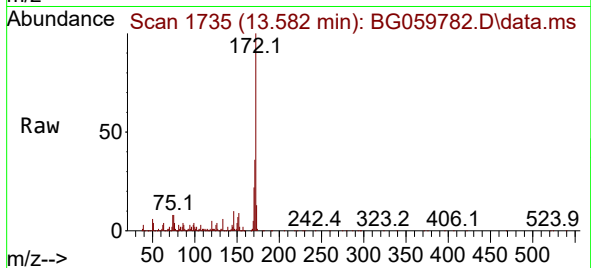
Tgt Ion:172 Resp: 422410

Ion Ratio Lower Upper

172 100

171 36.3 27.7 41.5

170 22.0 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 8.718 ng

RT: 14.963 min Scan# 1970

Delta R.T. 0.409 min

Lab File: BG059782.D

Acq: 20 Nov 2023 23:51

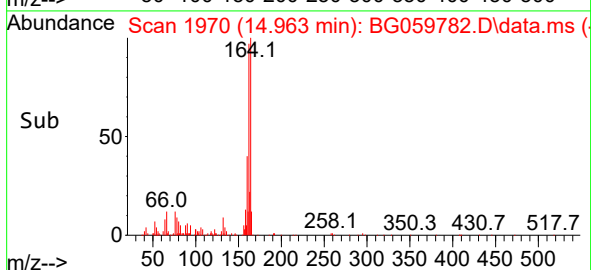
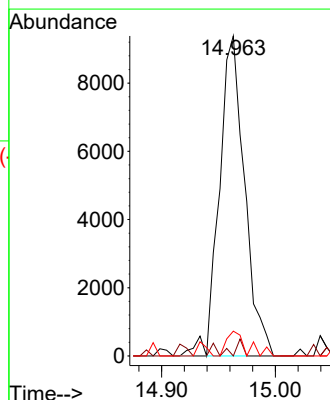
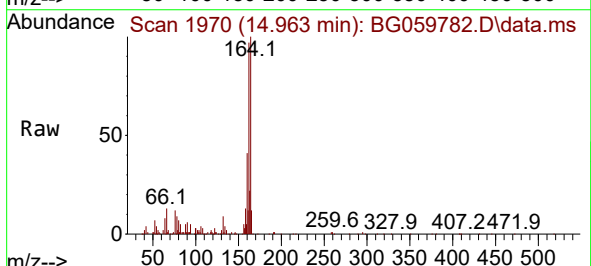
Tgt Ion:165 Resp: 14547

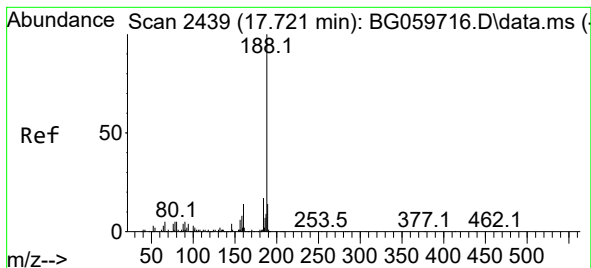
Ion Ratio Lower Upper

165 100

63 0.0 75.3 112.9#

89 7.7 90.9 136.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.713 min Scan# 2439

Delta R.T. -0.008 min

Lab File: BG059782.D

Acq: 20 Nov 2023 23:51

Instrument :

BNA_G

ClientSampleId :

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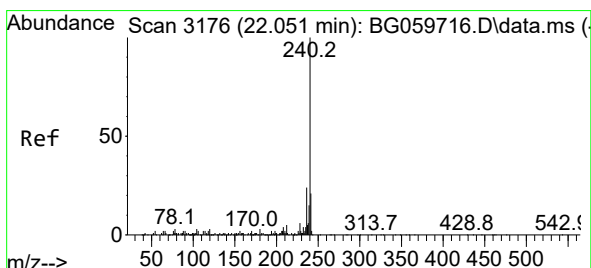
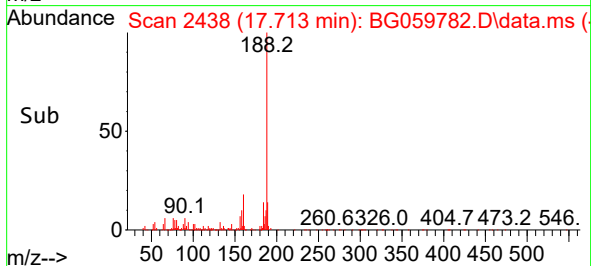
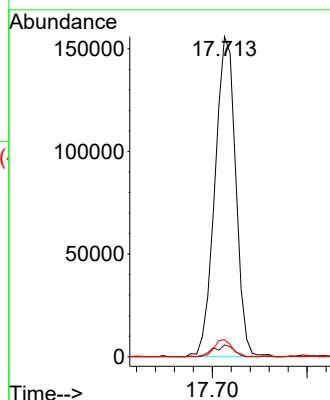
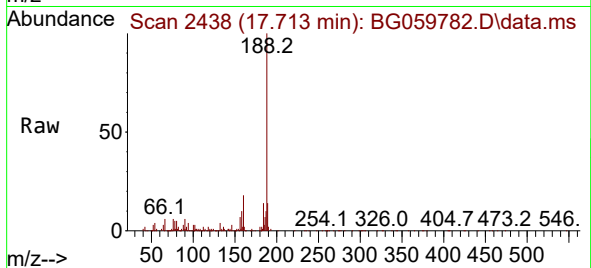
Tgt Ion:188 Resp: 237415

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

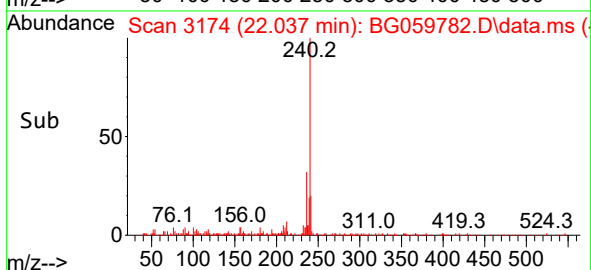
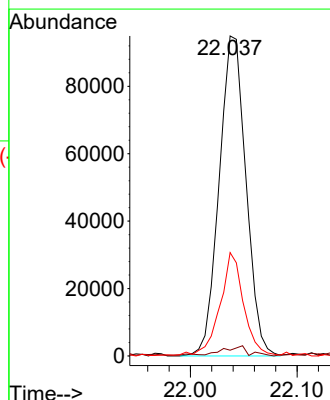
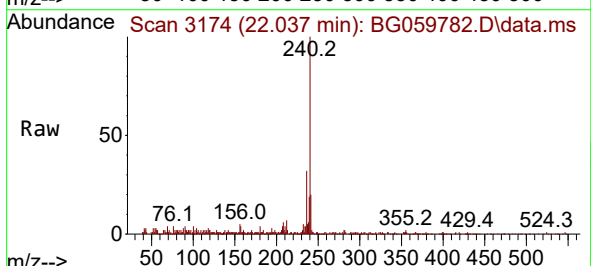
Tgt Ion:240 Resp: 165803

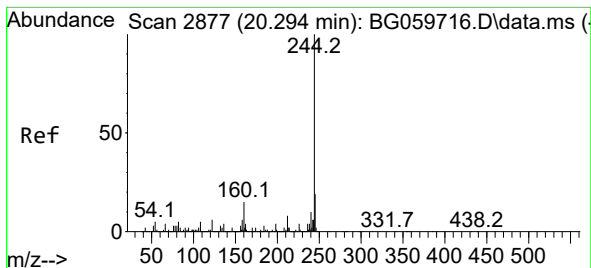
Ion Ratio Lower Upper

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

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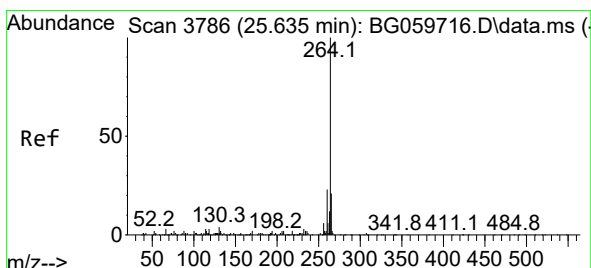
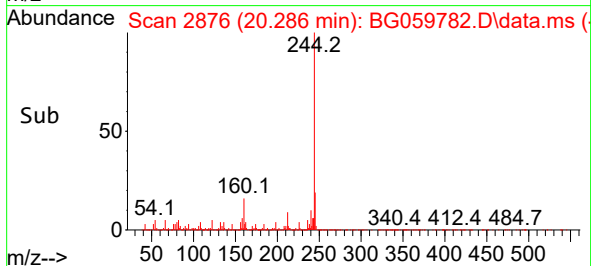
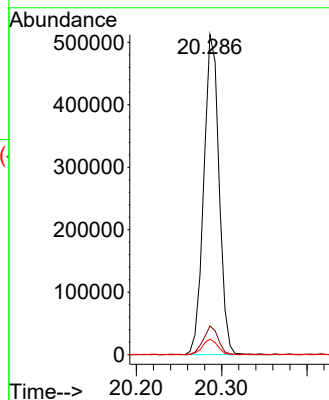
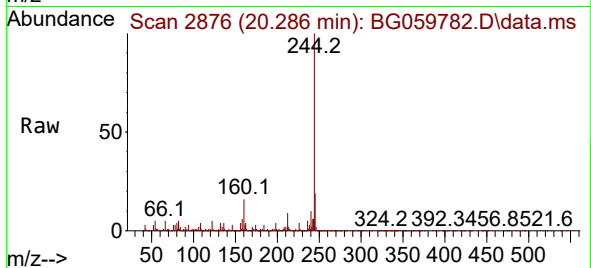
Tgt Ion:244 Resp: 637313

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

