

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056293.D
 Acq On : 16 Jan 2023 12:26
 Operator : CG/JU
 Sample : PB150235BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150235BL

Quant Time: Jan 17 05:23:07 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 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	42830	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	158804	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	129280	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	360419	20.000	ng	0.00
76) Chrysene-d12	21.955	240	357100	20.000	ng	# 0.00
86) Perylene-d12	25.398	264	377707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	357329	148.963	ng	0.00
7) Phenol-d6	7.448	99	494585	134.258	ng	0.00
23) Nitrobenzene-d5	9.487	82	263651	84.923	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	229202	139.987	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	840882	89.818	ng	0.00
79) Terphenyl-d14	20.239	244	1863333	93.456	ng	0.00

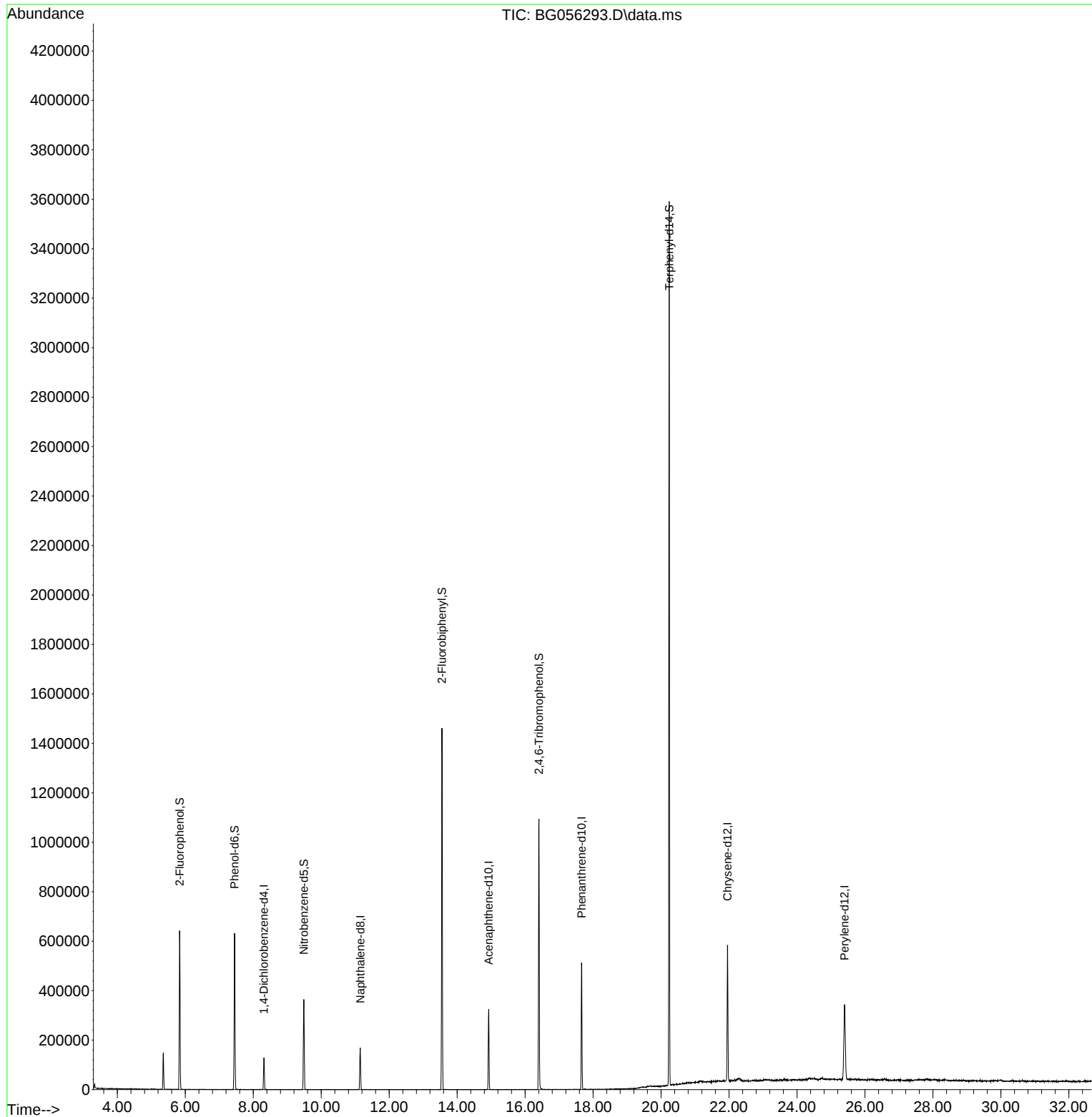
Target Compounds Qvalue

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

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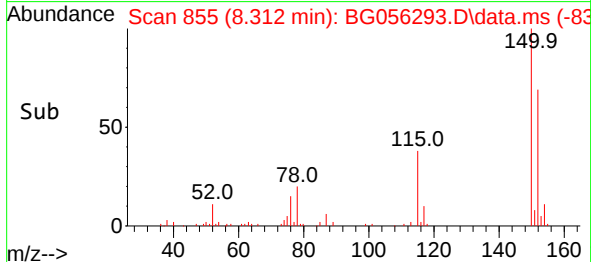
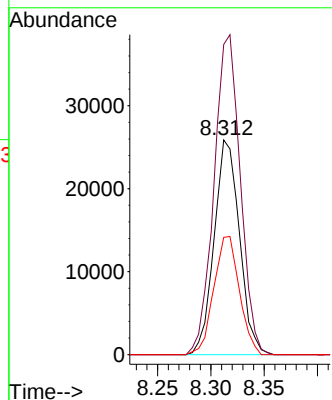
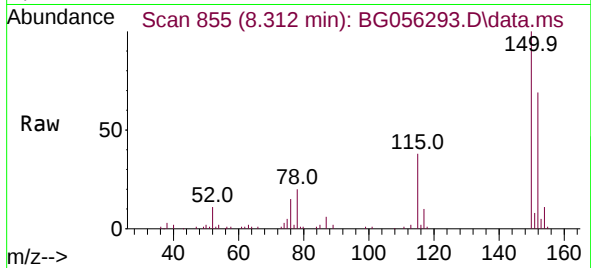




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.312 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

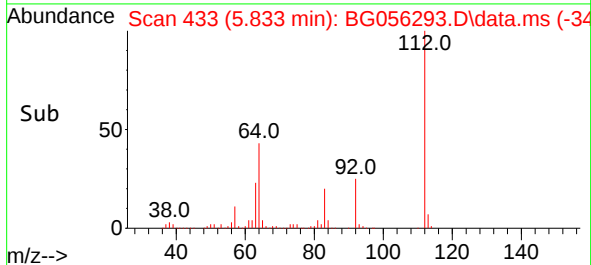
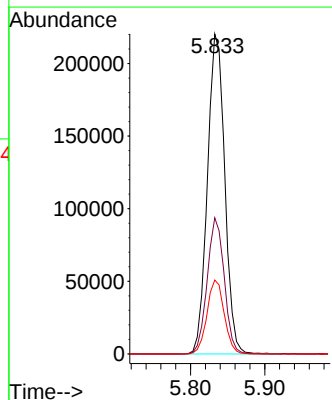
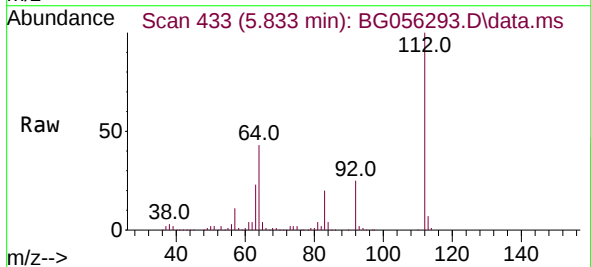
Instrument :
BNA_G
ClientSampleId :
PB150235BL

Tgt Ion:152 Resp: 42830
Ion Ratio Lower Upper
152 100
150 144.5 127.9 191.9
115 54.6 44.2 66.2



#5
2-Fluorophenol
Concen: 148.963 ng
RT: 5.833 min Scan# 433
Delta R.T. 0.007 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

Tgt Ion:112 Resp: 357329
Ion Ratio Lower Upper
112 100
64 42.5 33.3 49.9
63 23.1 19.0 28.4

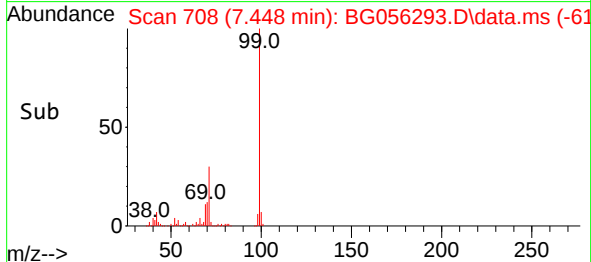
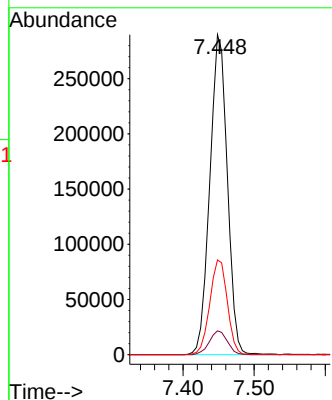
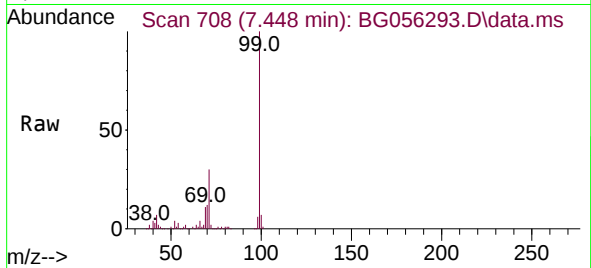




#7
Phenol-d6
Concen: 134.258 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

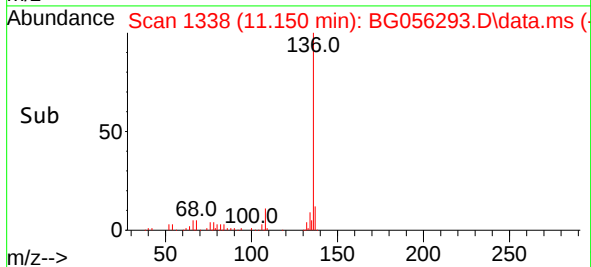
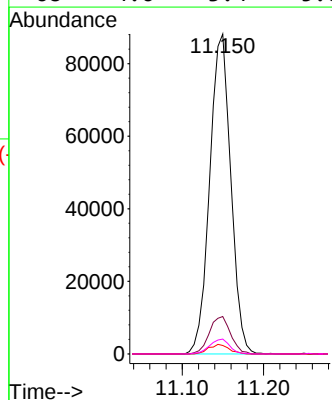
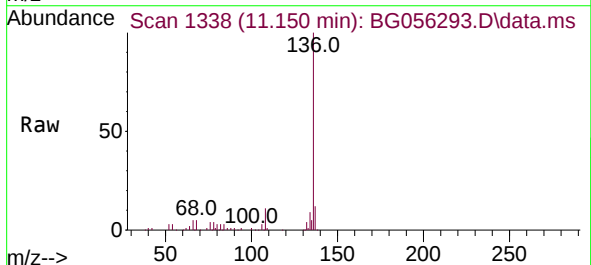
Instrument :
BNA_G
ClientSampleId :
PB150235BL

Tgt Ion: 99 Resp: 494585
Ion Ratio Lower Upper
99 100
42 7.4 5.9 8.9
71 29.6 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 1338
Delta R.T. 0.001 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

Tgt Ion: 136 Resp: 158804
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 2.7 2.2 3.2
68 4.6 3.4 5.0





#23

Nitrobenzene-d5

Concen: 84.923 ng

RT: 9.487 min Scan# 1055

Delta R.T. -0.005 min

Lab File: BG056293.D

Acq: 16 Jan 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB150235BL

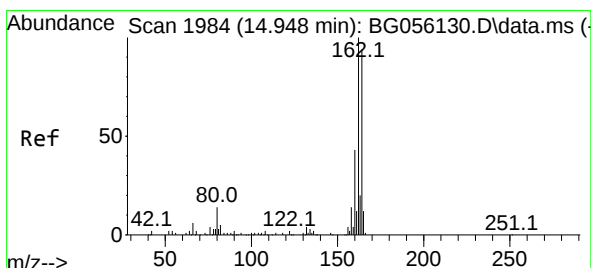
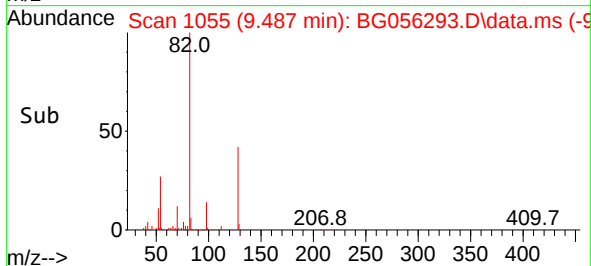
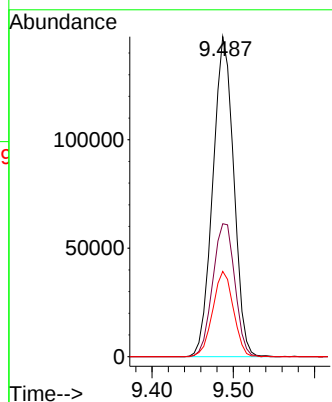
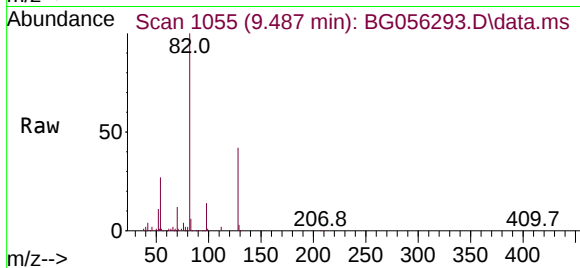
Tgt Ion: 82 Resp: 263651

Ion Ratio Lower Upper

82 100

128 41.5 33.4 50.2

54 26.6 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.928 min Scan# 1981

Delta R.T. 0.001 min

Lab File: BG056293.D

Acq: 16 Jan 2023 12:26

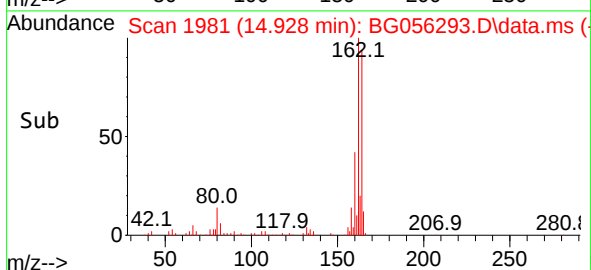
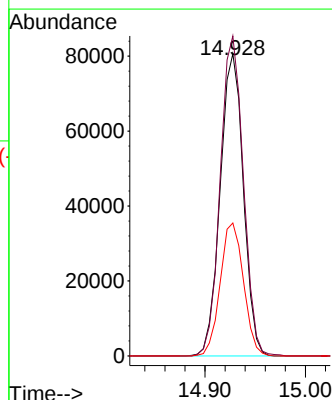
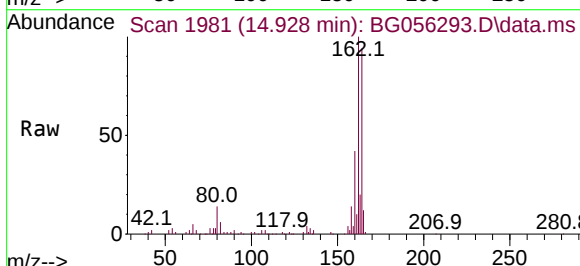
Tgt Ion:164 Resp: 129280

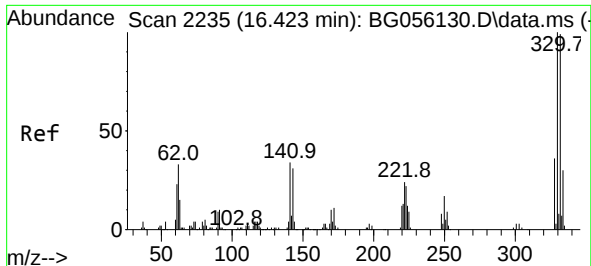
Ion Ratio Lower Upper

164 100

162 105.9 84.7 127.1

160 44.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 139.987 ng

RT: 16.408 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056293.D

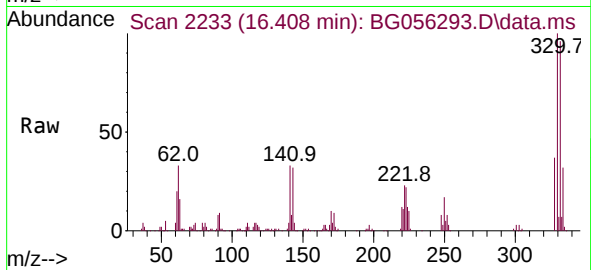
Acq: 16 Jan 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB150235BL



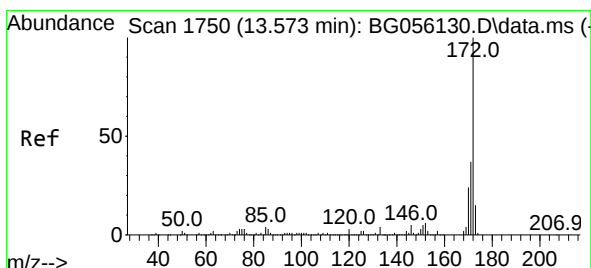
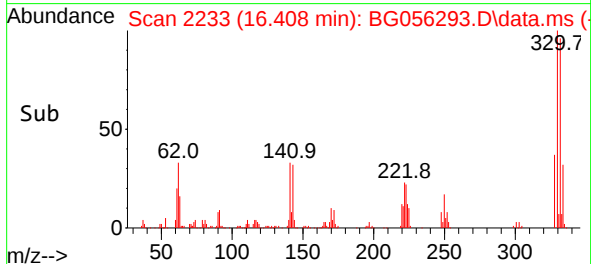
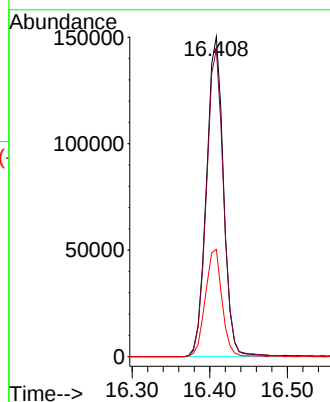
Tgt Ion:330 Resp: 229202

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 32.9 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 89.818 ng

RT: 13.553 min Scan# 1747

Delta R.T. -0.005 min

Lab File: BG056293.D

Acq: 16 Jan 2023 12:26

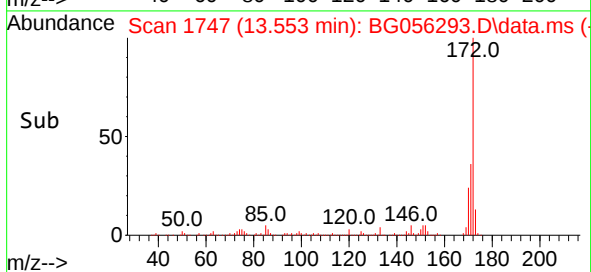
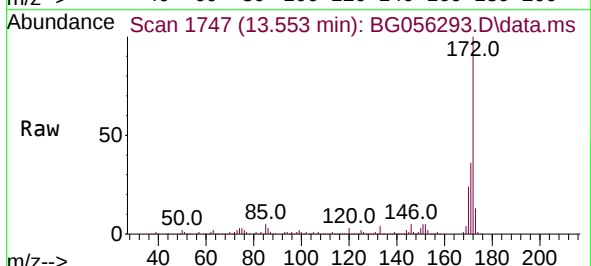
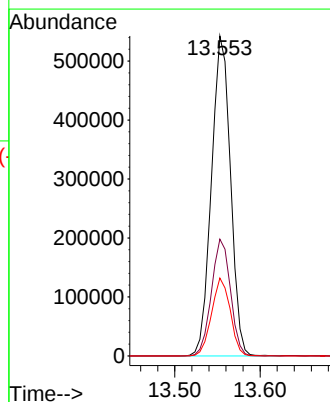
Tgt Ion:172 Resp: 840882

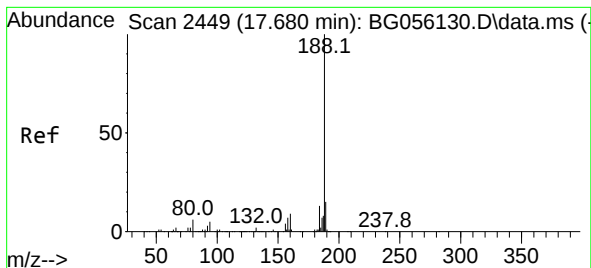
Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

170 24.3 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.660 min Scan# 2446

Delta R.T. -0.005 min

Lab File: BG056293.D

Acq: 16 Jan 2023 12:26

Instrument :

BNA_G

ClientSampleId :

PB150235BL

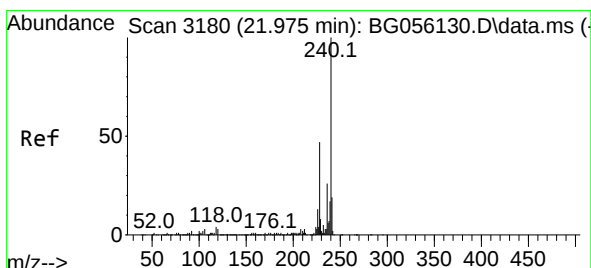
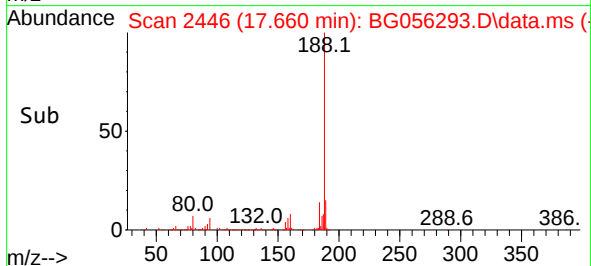
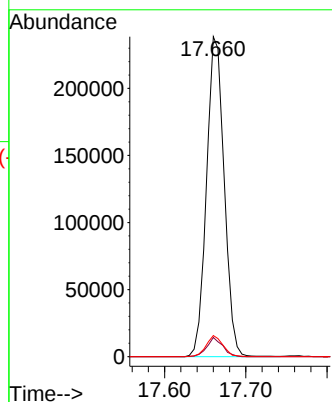
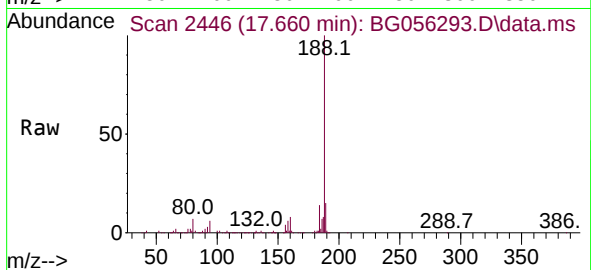
Tgt Ion:188 Resp: 360419

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.2

80 6.6 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.955 min Scan# 3177

Delta R.T. -0.005 min

Lab File: BG056293.D

Acq: 16 Jan 2023 12:26

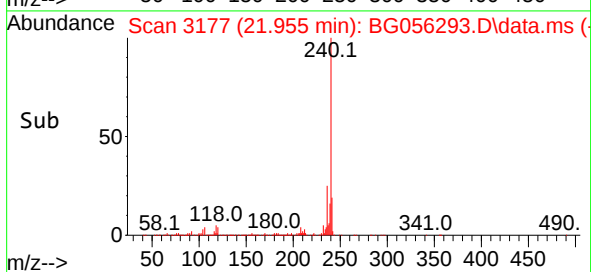
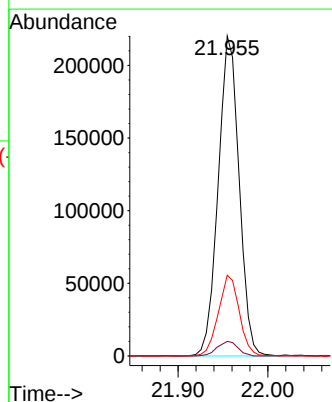
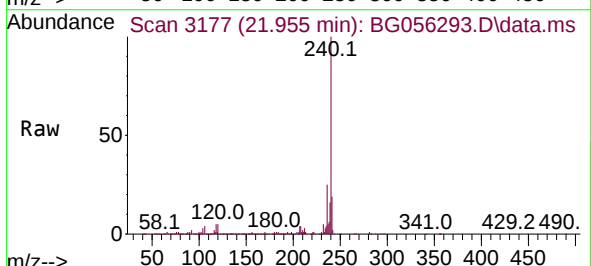
Tgt Ion:240 Resp: 357100

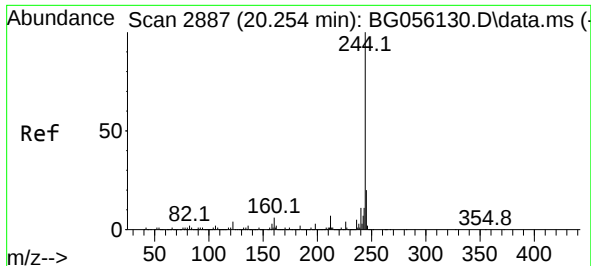
Ion Ratio Lower Upper

240 100

120 4.5 2.6 4.0#

236 25.2 20.8 31.2

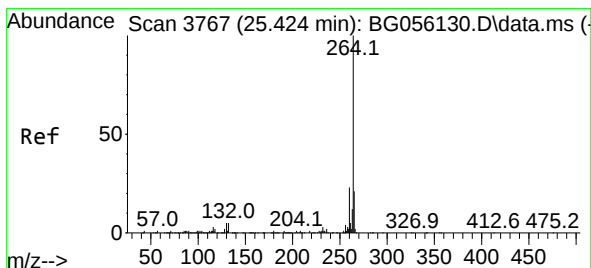
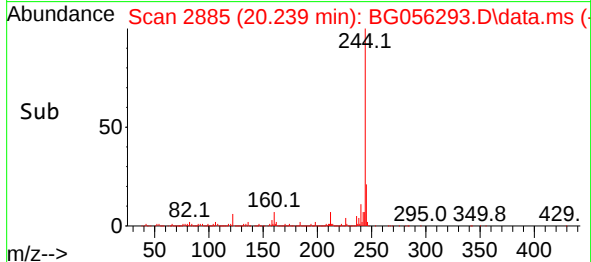
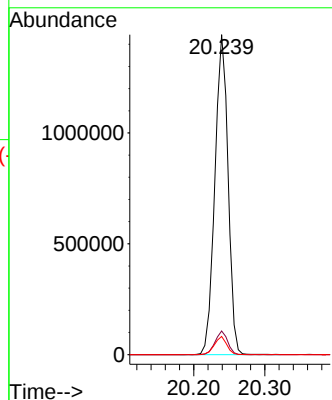
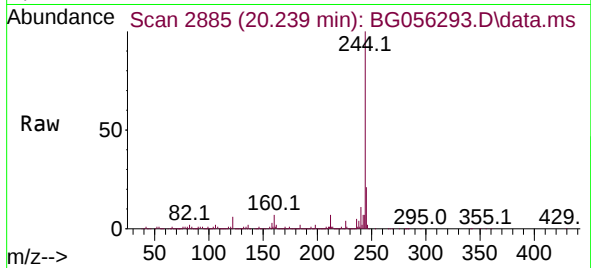




#79
Terphenyl-d14
Concen: 93.456 ng
RT: 20.239 min Scan# 2885
Delta R.T. 0.001 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

Instrument :
BNA_G
ClientSampleId :
PB150235BL

Tgt Ion:244 Resp: 1863333
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 5.7 3.5 5.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.398 min Scan# 3763
Delta R.T. -0.005 min
Lab File: BG056293.D
Acq: 16 Jan 2023 12:26

Tgt Ion:264 Resp: 377707
Ion Ratio Lower Upper
264 100
260 24.8 18.6 28.0
265 23.0 16.7 25.1

