

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059858.D
 Acq On : 24 Nov 2023 14:31
 Operator : MA/JU
 Sample : 05293-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-8

Quant Time: Nov 24 15:22:41 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 24 15:11:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	19212	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	95508	20.000	ng	# 0.00
39) Acenaphthene-d10	14.951	164	70878	20.000	ng	# 0.00
64) Phenanthrene-d10	17.701	188	209414	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	173920	20.000	ng	#-0.01
86) Perylene-d12	25.592	264	203799	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	196056	171.762	ng	0.00
7) Phenol-d6	7.442	99	318267	188.156	ng	0.00
23) Nitrobenzene-d5	9.522	82	236690	94.648	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	178004	221.343	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	506963	96.277	ng	0.00
79) Terphenyl-d14	20.274	244	1273066	108.059	ng	0.00

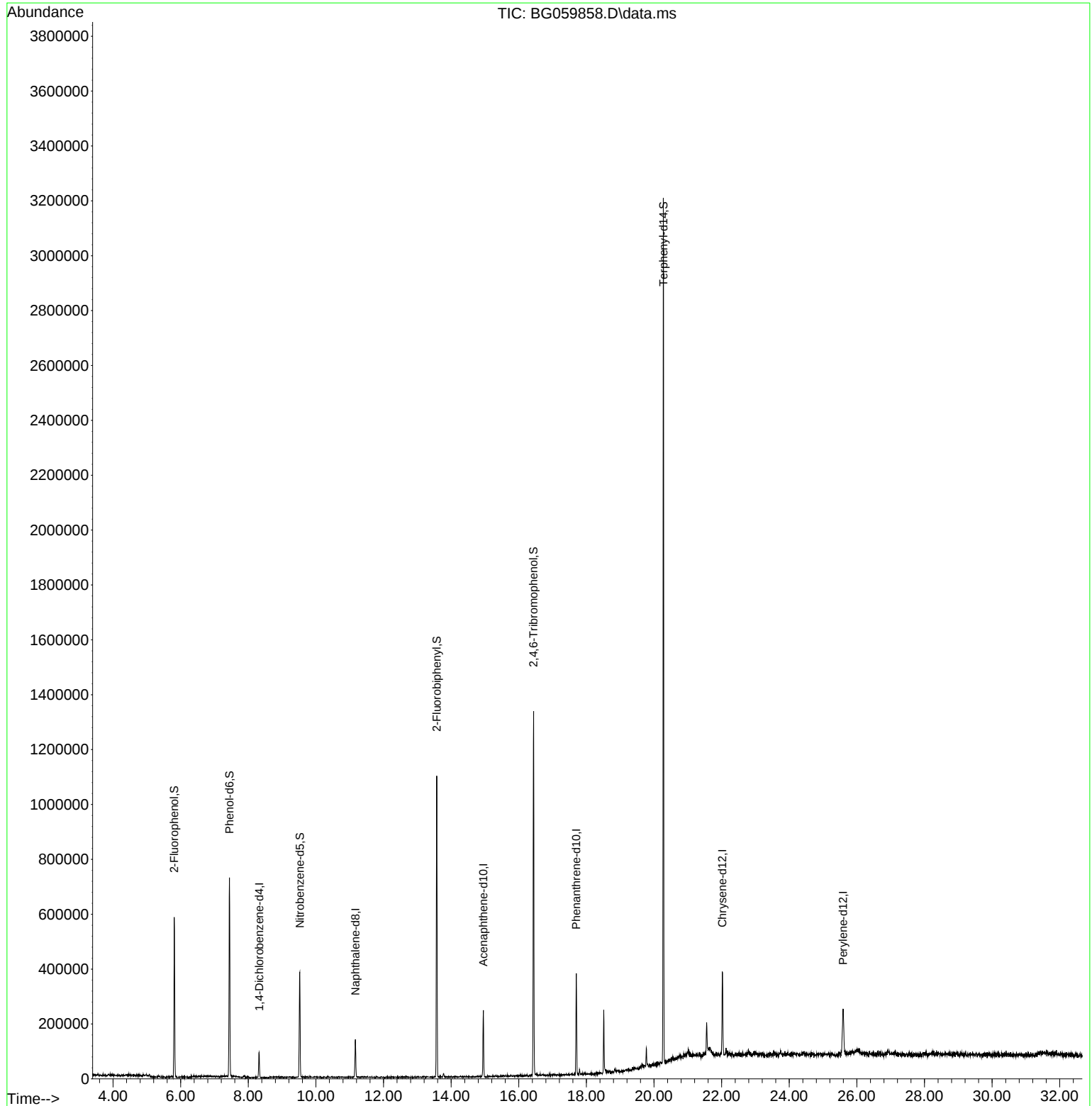
Target Compounds	Qvalue

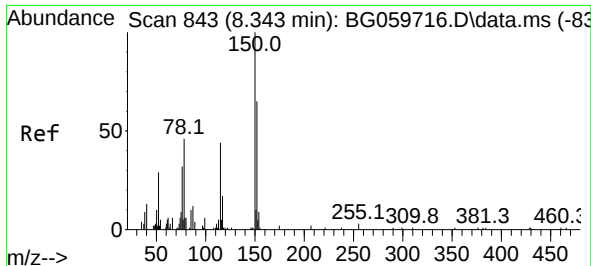
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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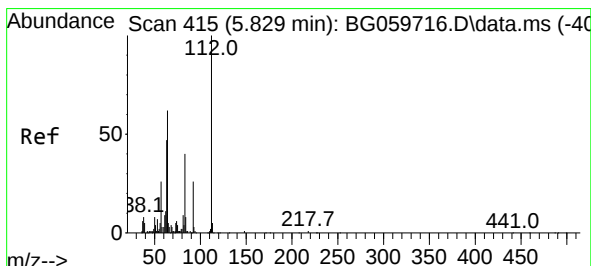
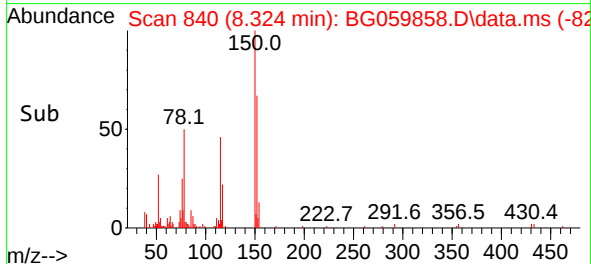
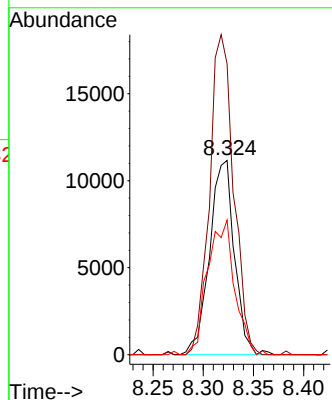
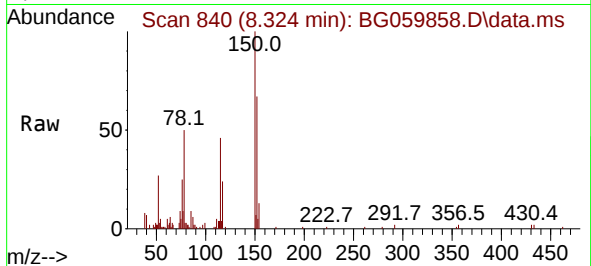




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.324 min Scan# 84
Delta R.T. 0.009 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

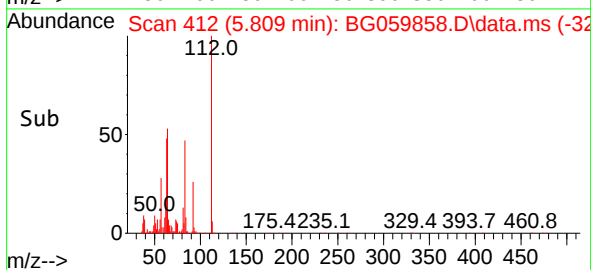
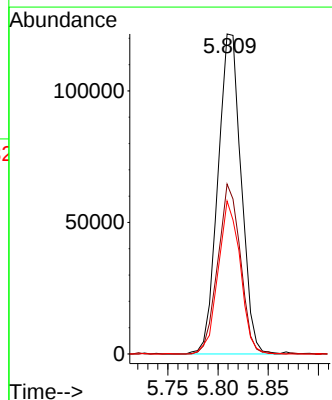
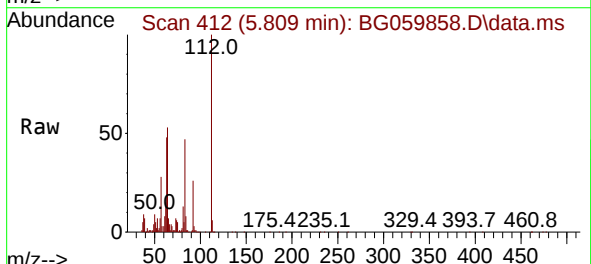
Instrument :
BNA_G
ClientSampleId :
SB-8

Tgt Ion:152 Resp: 19212
Ion Ratio Lower Upper
152 100
150 149.8 122.2 183.4
115 69.2 54.2 81.4



#5
2-Fluorophenol
Concen: 171.762 ng
RT: 5.809 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

Tgt Ion:112 Resp: 196056
Ion Ratio Lower Upper
112 100
64 53.1 49.5 74.3
63 47.8 37.4 56.2

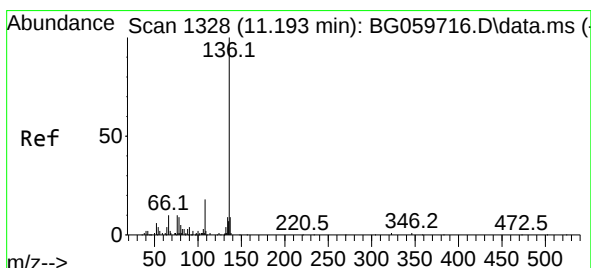
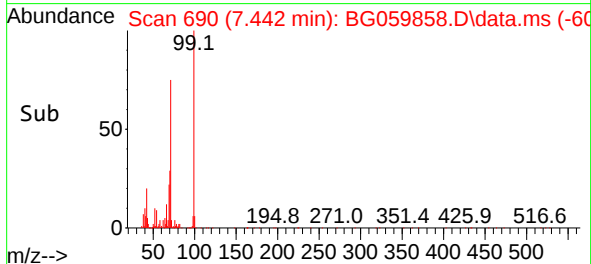
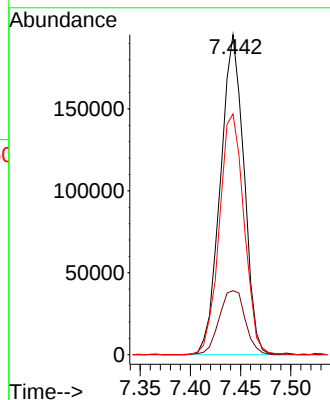
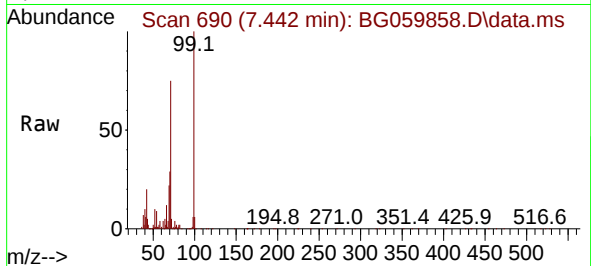




#7
Phenol-d6
Concen: 188.156 ng
RT: 7.442 min Scan# 692
Delta R.T. -0.003 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

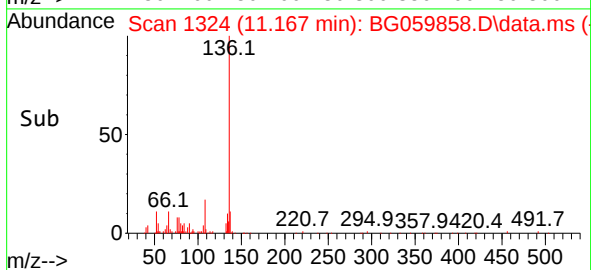
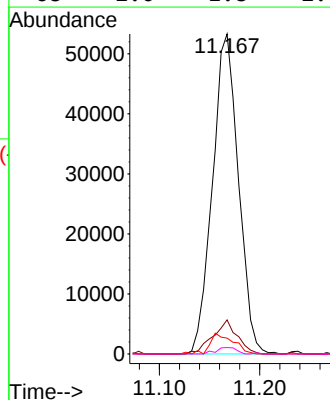
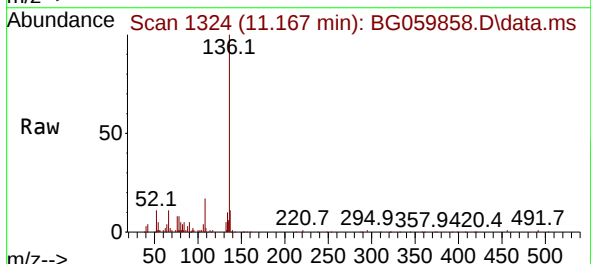
Instrument :
BNA_G
ClientSampleId :
SB-8

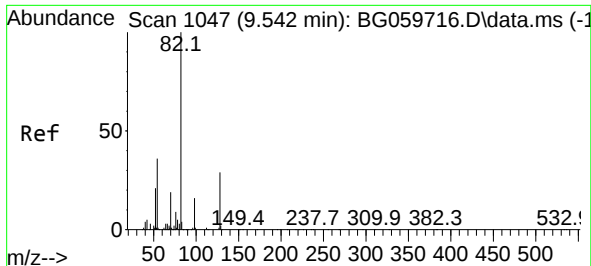
Tgt Ion: 99 Resp: 318267
Ion Ratio Lower Upper
99 100
42 20.0 14.3 21.5
71 75.3 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1324
Delta R.T. -0.003 min
Lab File: BG059858.D
Acq: 24 Nov 2023 14:31

Tgt Ion:136 Resp: 95508
Ion Ratio Lower Upper
136 100
137 10.7 7.4 11.0
54 4.9 3.1 4.7#
68 2.0 1.8 2.8





#23

Nitrobenzene-d5

Concen: 94.648 ng

RT: 9.522 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059858.D

Acq: 24 Nov 2023 14:31

Instrument :

BNA_G

ClientSampleId :

SB-8

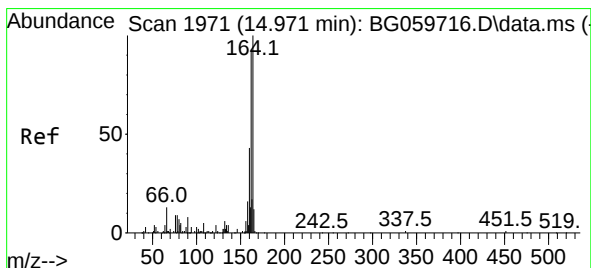
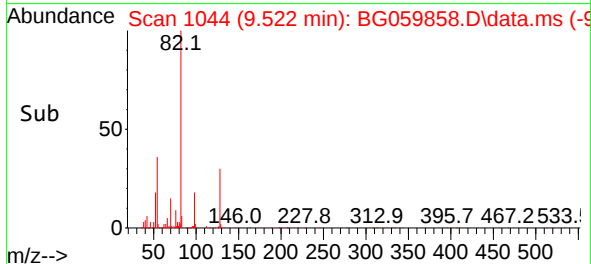
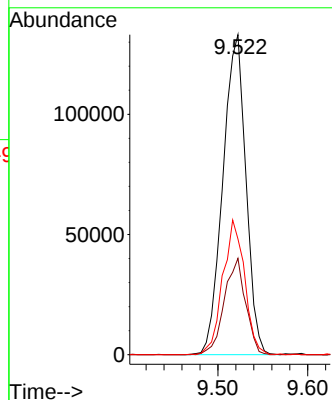
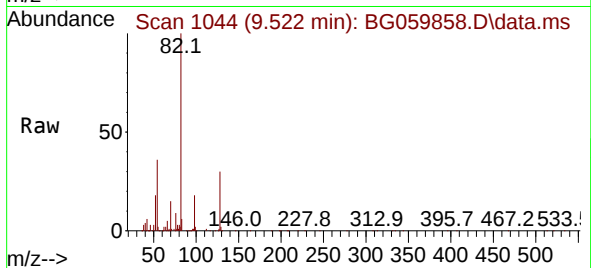
Tgt Ion: 82 Resp: 236690

Ion Ratio Lower Upper

82 100

128 30.1 23.0 34.6

54 36.1 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.951 min Scan# 1968

Delta R.T. -0.003 min

Lab File: BG059858.D

Acq: 24 Nov 2023 14:31

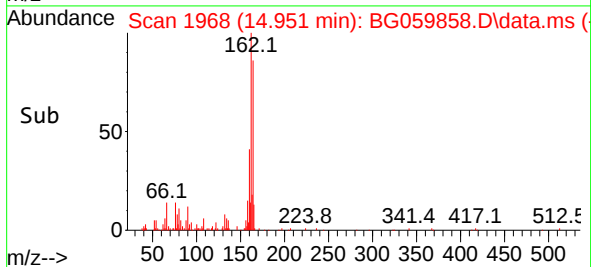
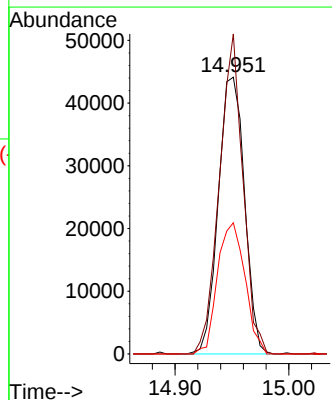
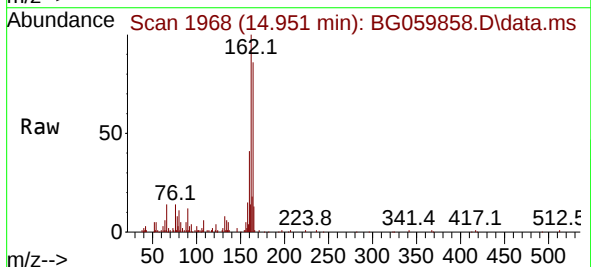
Tgt Ion:164 Resp: 70878

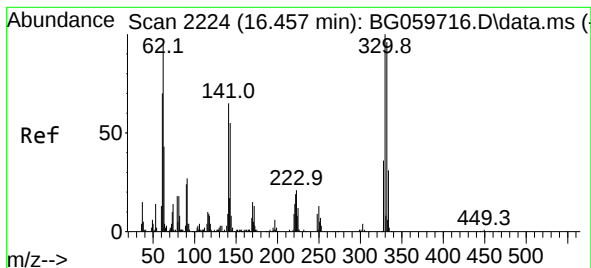
Ion Ratio Lower Upper

164 100

162 115.6 73.3 109.9#

160 47.4 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 221.343 ng

RT: 16.438 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059858.D

Acq: 24 Nov 2023 14:31

Instrument :

BNA_G

ClientSampleId :

SB-8

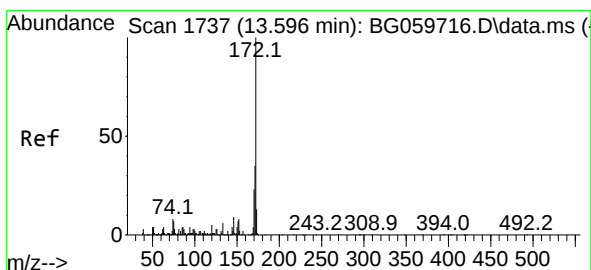
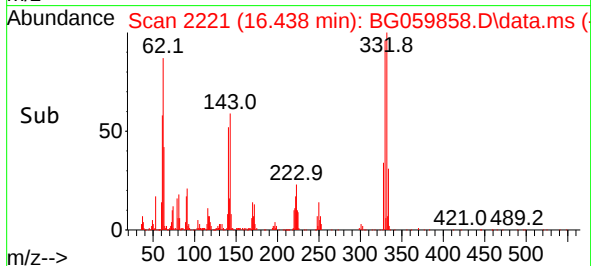
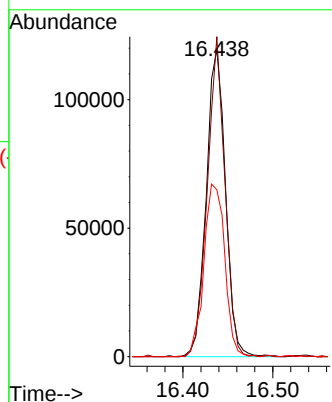
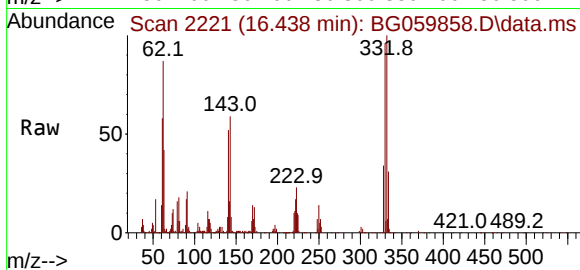
Tgt Ion:330 Resp: 178004

Ion Ratio Lower Upper

330 100

332 95.2 73.3 109.9

141 60.8 52.1 78.1



#45

2-Fluorobiphenyl

Concen: 96.277 ng

RT: 13.570 min Scan# 1733

Delta R.T. -0.009 min

Lab File: BG059858.D

Acq: 24 Nov 2023 14:31

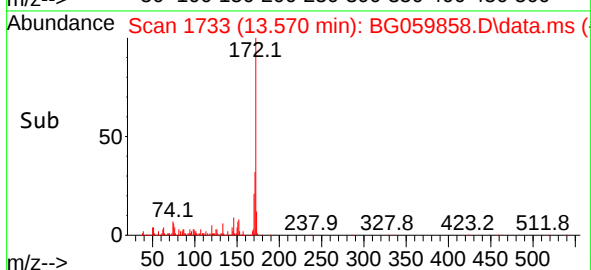
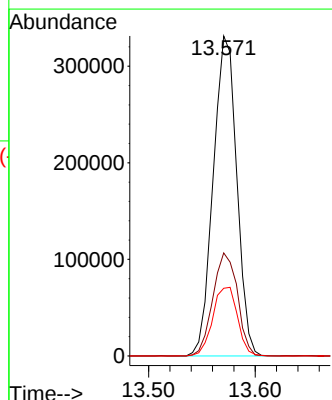
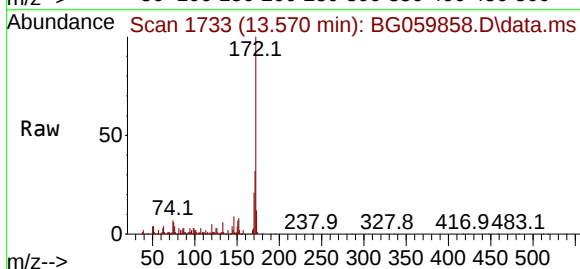
Tgt Ion:172 Resp: 506963

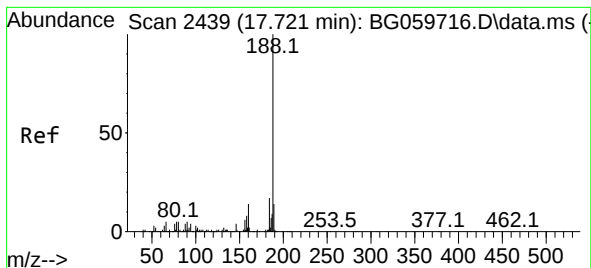
Ion Ratio Lower Upper

172 100

171 32.2 27.7 41.5

170 21.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.701 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BG059858.D

Acq: 24 Nov 2023 14:31

Instrument :

BNA_G

ClientSampleId :

SB-8

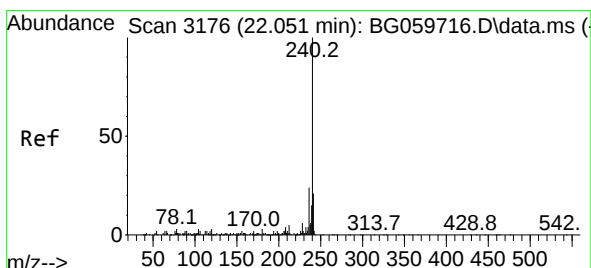
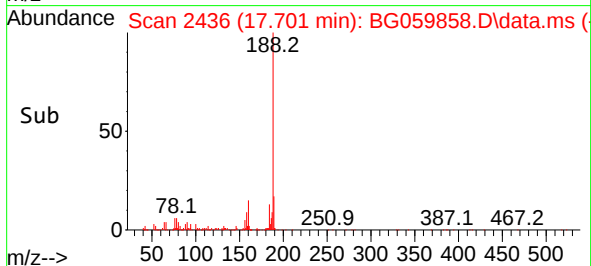
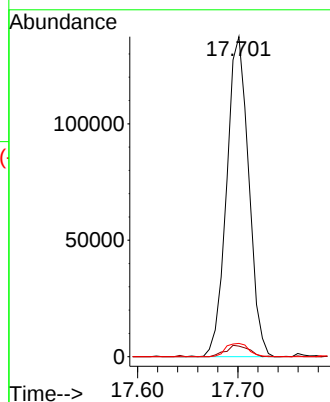
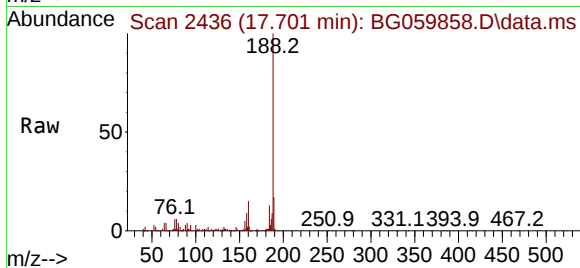
Tgt Ion:188 Resp: 209414

Ion Ratio Lower Upper

188 100

94 3.3 3.0 4.4

80 4.2 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 3171

Delta R.T. -0.014 min

Lab File: BG059858.D

Acq: 24 Nov 2023 14:31

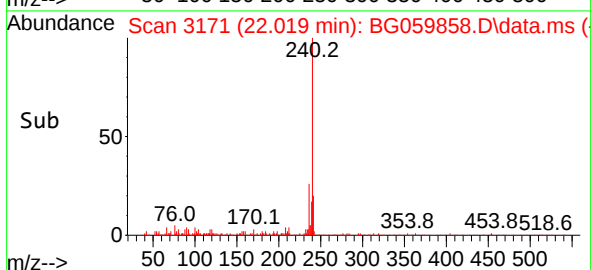
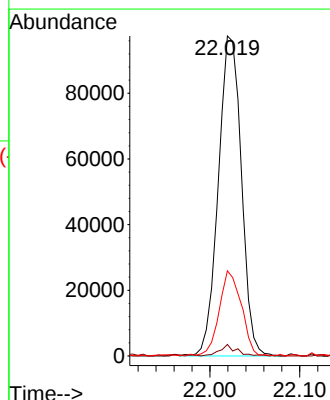
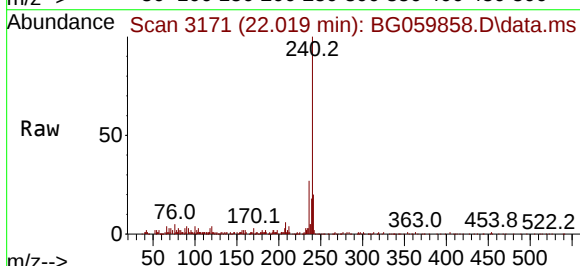
Tgt Ion:240 Resp: 173920

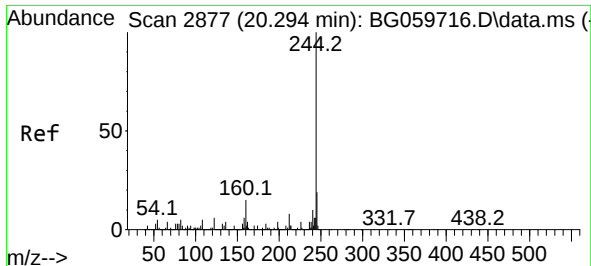
Ion Ratio Lower Upper

240 100

120 3.6 2.2 3.2#

236 26.6 19.4 29.2

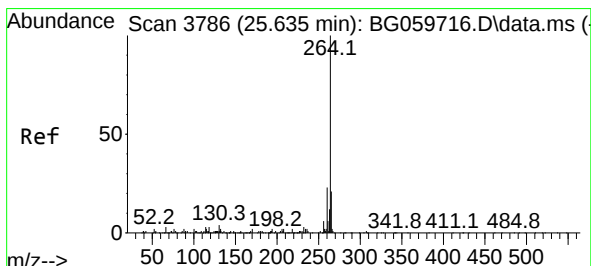
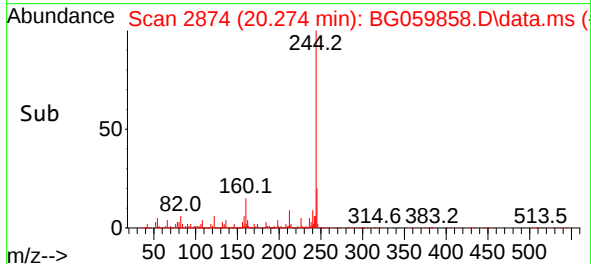
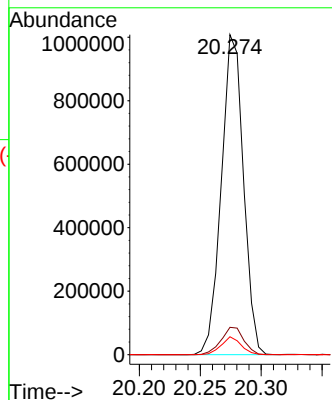
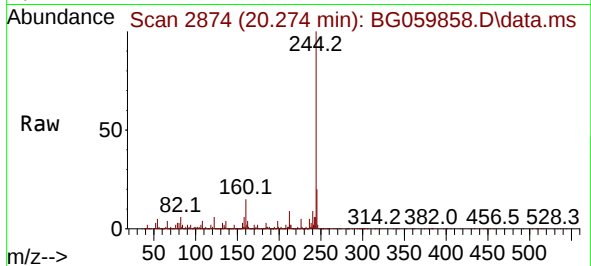




#79
 Terphenyl-d14
 Concen: 108.059 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG059858.D
 Acq: 24 Nov 2023 14:31

Instrument :
 BNA_G
 ClientSampleId :
 SB-8

Tgt Ion:244 Resp: 1273066
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 5.6 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.592 min Scan# 3779
 Delta R.T. -0.020 min
 Lab File: BG059858.D
 Acq: 24 Nov 2023 14:31

Tgt Ion:264 Resp: 203799
 Ion Ratio Lower Upper
 264 100
 260 19.8 18.5 27.7
 265 17.3 17.0 25.6

