

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113023\
 Data File : BG059922.D
 Acq On : 30 Nov 2023 23:20
 Operator : MA/JU
 Sample : PB157019BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157019BL

Quant Time: Dec 01 04:11:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 03:37:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	22695	20.000	ng	# 0.00
21) Naphthalene-d8	10.767	136	99211	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	74696	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	200336	20.000	ng	0.00
76) Chrysene-d12	21.625	240	213204	20.000	ng	0.00
86) Perylene-d12	24.821	264	250430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	231377	159.695	ng	0.00
7) Phenol-d6	7.118	99	306027	146.329	ng	0.00
23) Nitrobenzene-d5	9.122	82	175904	103.115	ng	0.00
42) 2,4,6-Tribromophenol	16.090	330	176804	154.231	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	504745	93.989	ng	0.00
79) Terphenyl-d14	19.979	244	1218821	95.060	ng	0.00

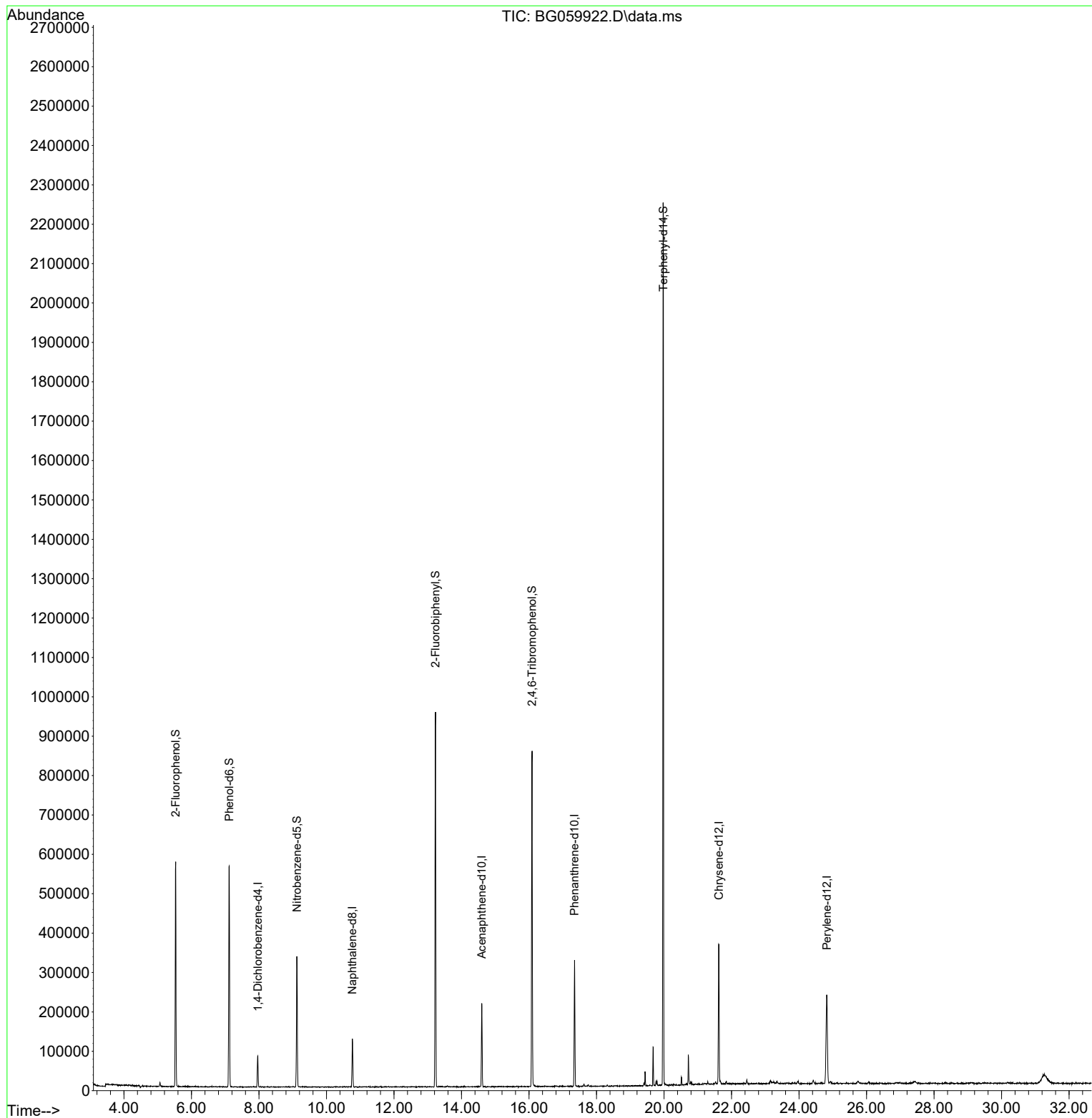
Target Compounds	Qvalue

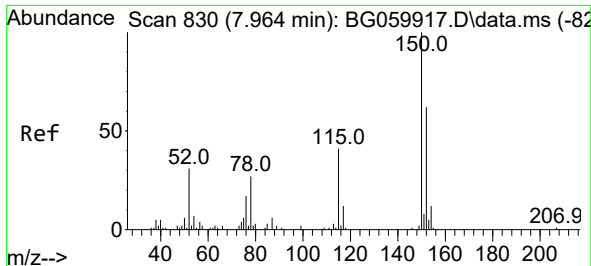
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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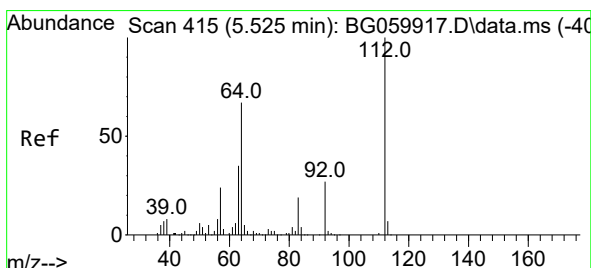
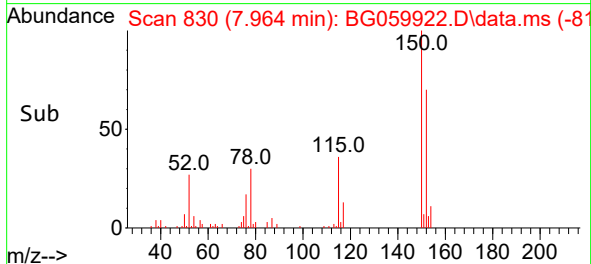
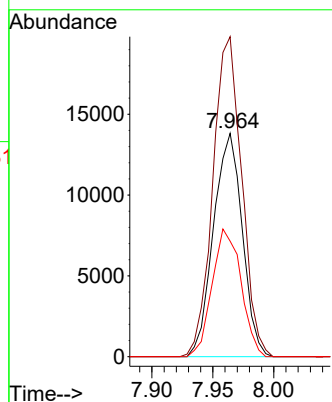
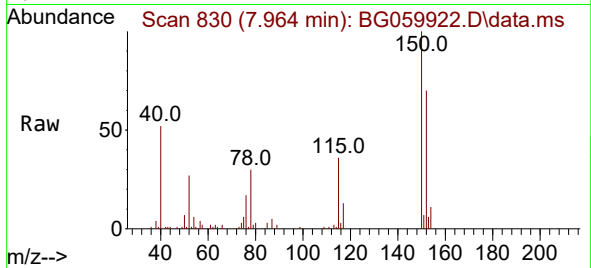




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.964 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

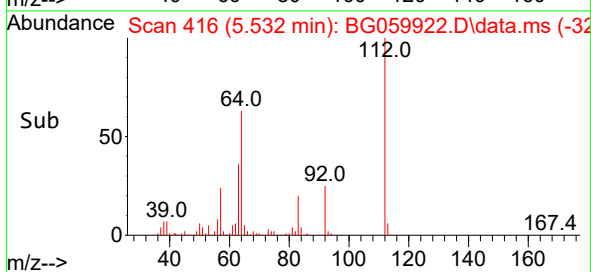
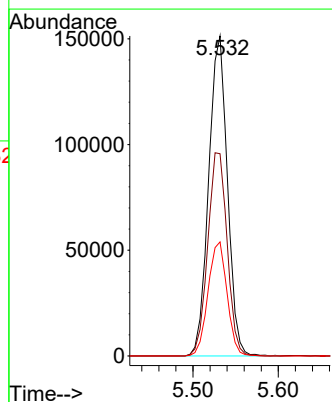
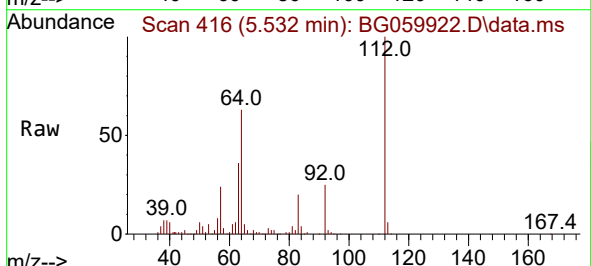
Instrument :
BNA_G
ClientSampleId :
PB157019BL

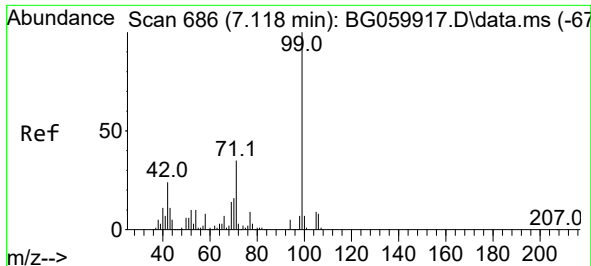
Tgt Ion:152 Resp: 22695
Ion Ratio Lower Upper
152 100
150 143.2 128.6 193.0
115 51.7 52.2 78.2#



#5
2-Fluorophenol
Concen: 159.695 ng
RT: 5.532 min Scan# 416
Delta R.T. 0.006 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

Tgt Ion:112 Resp: 231377
Ion Ratio Lower Upper
112 100
64 63.2 53.9 80.9
63 35.6 28.3 42.5

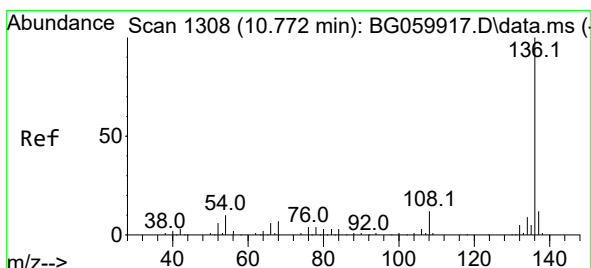
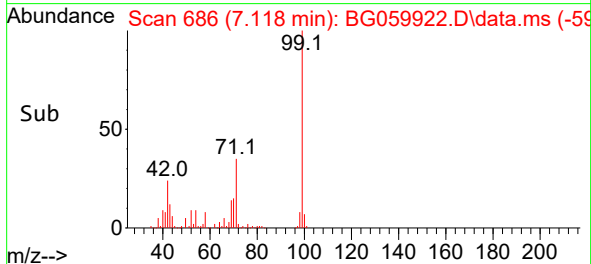
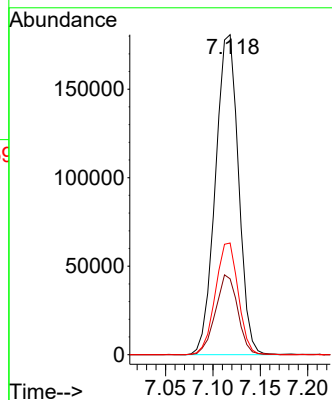
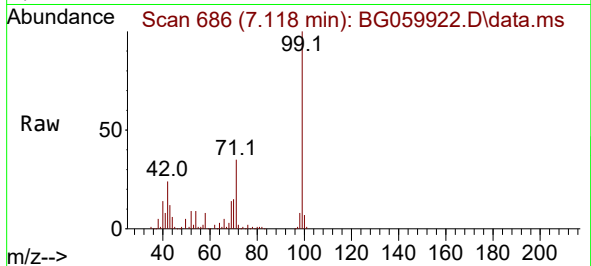




#7
Phenol-d6
Concen: 146.329 ng
RT: 7.118 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

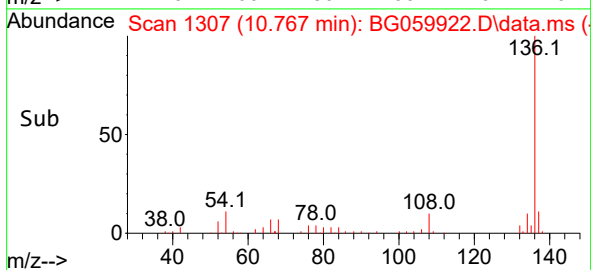
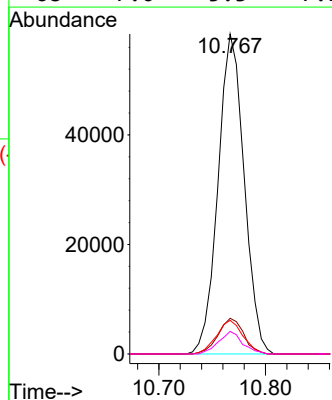
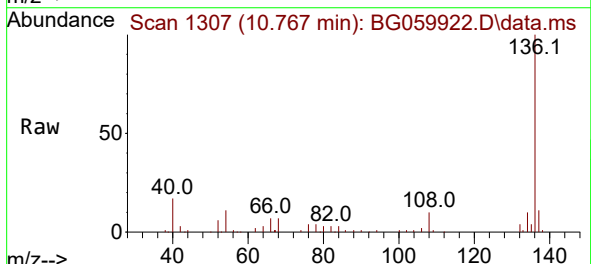
Instrument :
BNA_G
ClientSampleId :
PB157019BL

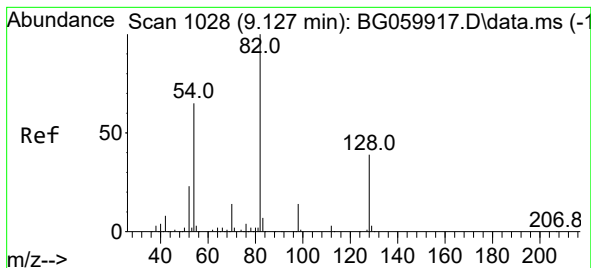
Tgt Ion: 99 Resp: 306027
Ion Ratio Lower Upper
99 100
42 23.7 18.8 28.2
71 34.9 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.767 min Scan# 1307
Delta R.T. -0.005 min
Lab File: BG059922.D
Acq: 30 Nov 2023 23:20

Tgt Ion: 136 Resp: 99211
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 10.5 7.8 11.8
68 7.0 5.3 7.9





#23

Nitrobenzene-d5

Concen: 103.115 ng

RT: 9.122 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG059922.D

Acq: 30 Nov 2023 23:20

Instrument :

BNA_G

ClientSampleId :

PB157019BL

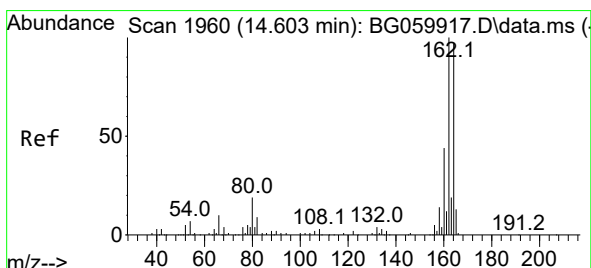
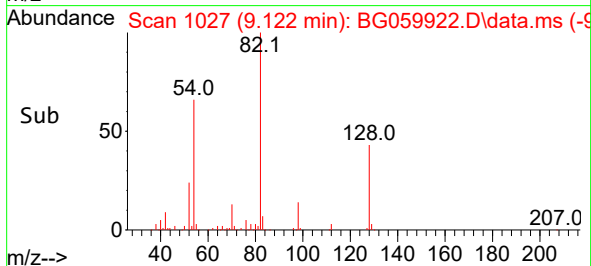
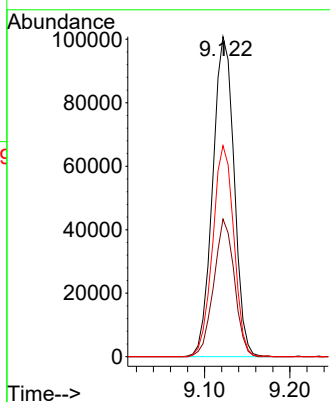
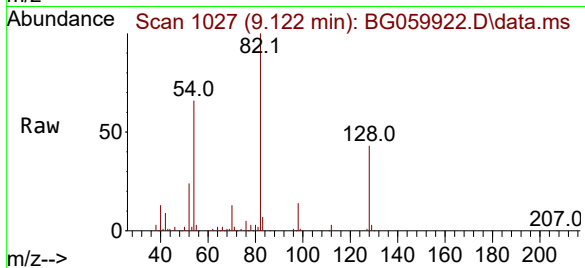
Tgt Ion: 82 Resp: 175904

Ion Ratio Lower Upper

82 100

128 43.0 31.3 46.9

54 66.0 51.9 77.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1959

Delta R.T. -0.005 min

Lab File: BG059922.D

Acq: 30 Nov 2023 23:20

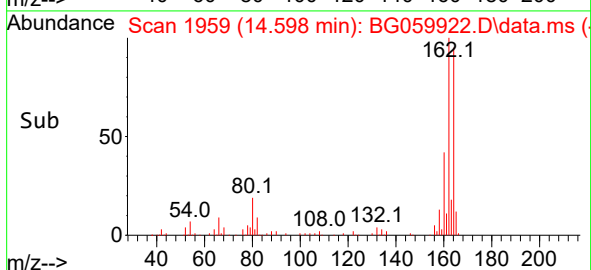
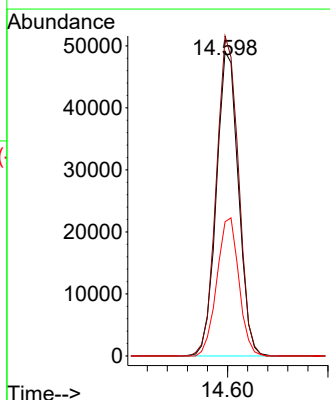
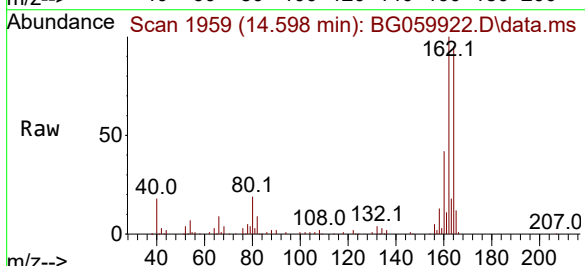
Tgt Ion: 164 Resp: 74696

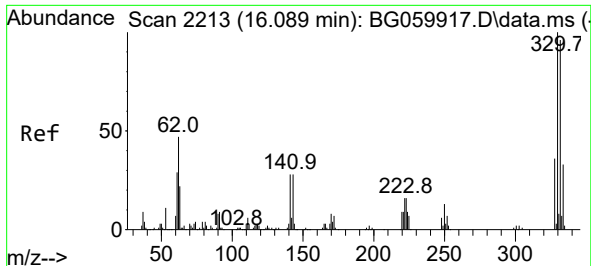
Ion Ratio Lower Upper

164 100

162 105.1 82.2 123.2

160 44.1 35.8 53.6

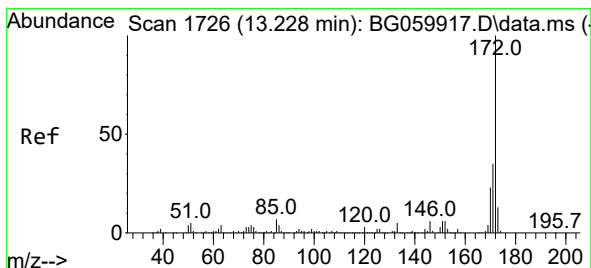
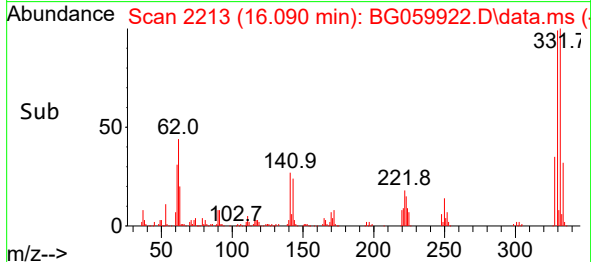
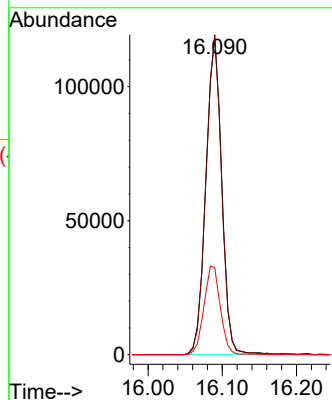
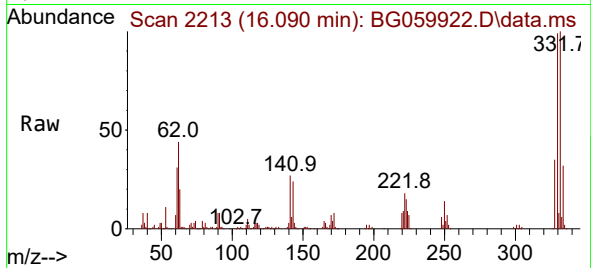




#42
 2,4,6-Tribromophenol
 Concen: 154.231 ng
 RT: 16.090 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG059922.D
 Acq: 30 Nov 2023 23:20

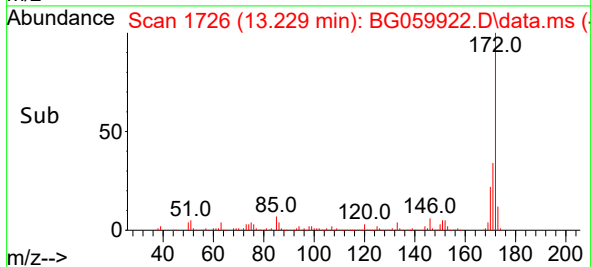
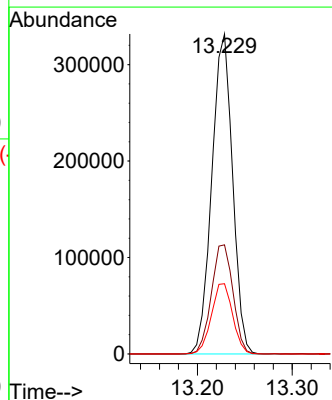
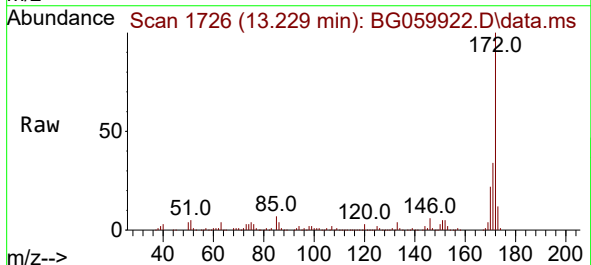
Instrument :
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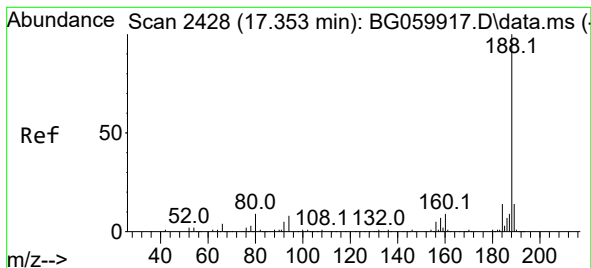
Tgt Ion:330 Resp: 176804
 Ion Ratio Lower Upper
 330 100
 332 99.4 76.6 115.0
 141 28.8 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 93.989 ng
 RT: 13.229 min Scan# 1726
 Delta R.T. 0.000 min
 Lab File: BG059922.D
 Acq: 30 Nov 2023 23:20

Tgt Ion:172 Resp: 504745
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.0 42.0
 170 22.0 18.2 27.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.347 min Scan# 2427

Delta R.T. -0.005 min

Lab File: BG059922.D

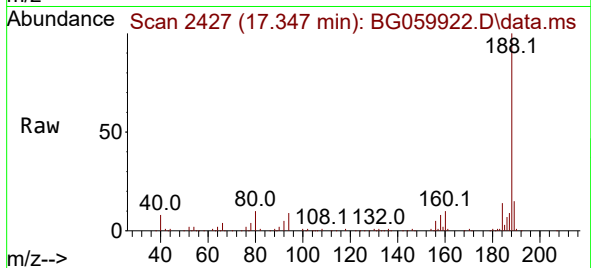
Acq: 30 Nov 2023 23:20

Instrument :

BNA_G

ClientSampleId :

PB157019BL



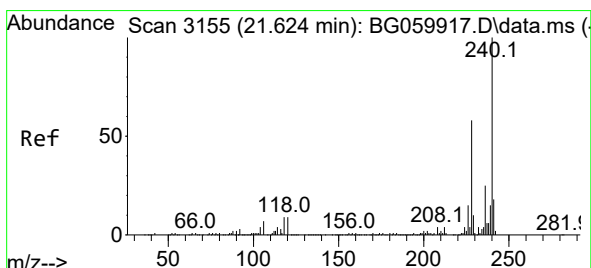
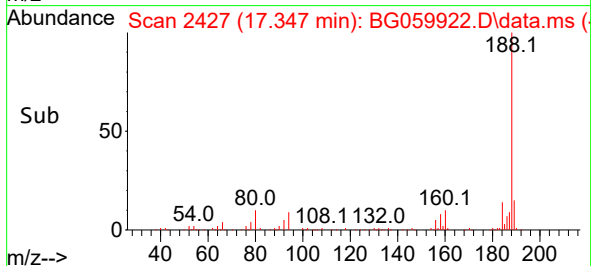
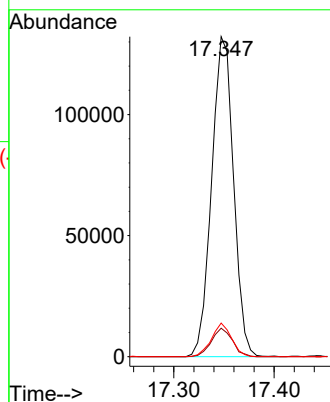
Tgt Ion:188 Resp: 200336

Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 10.5 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.625 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BG059922.D

Acq: 30 Nov 2023 23:20

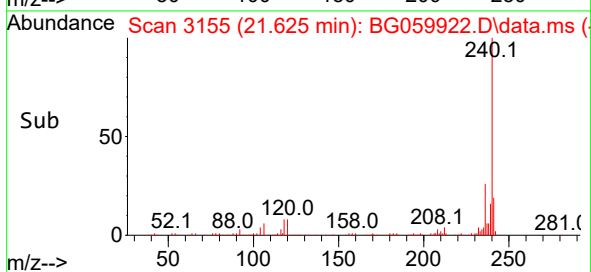
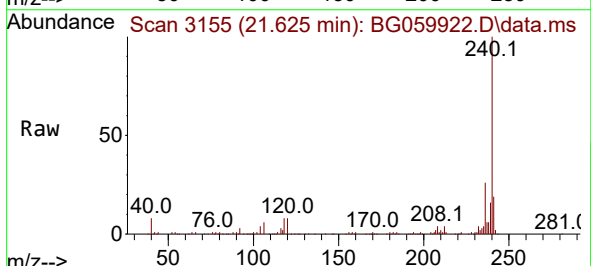
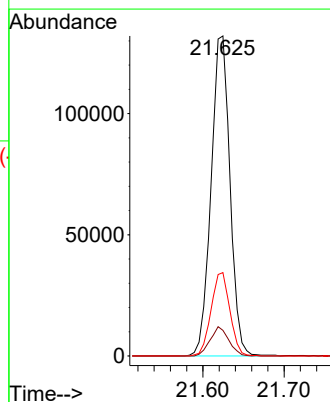
Tgt Ion:240 Resp: 213204

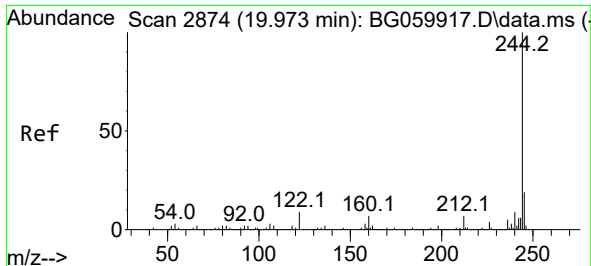
Ion Ratio Lower Upper

240 100

120 8.0 7.6 11.4

236 26.0 20.0 30.0

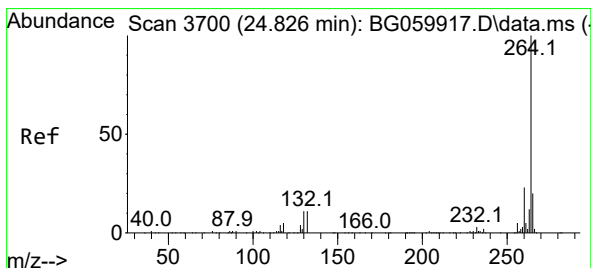
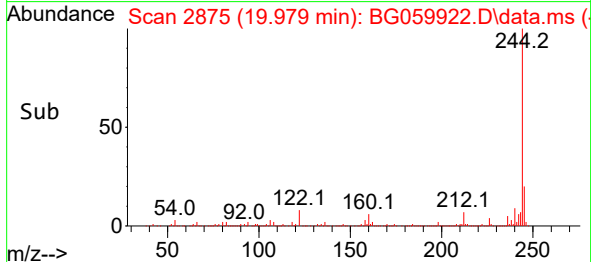
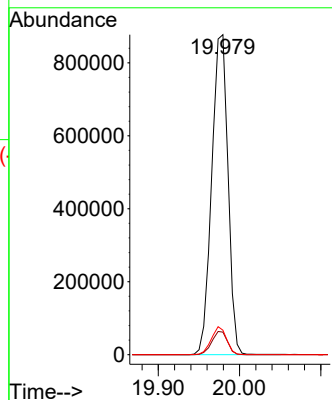
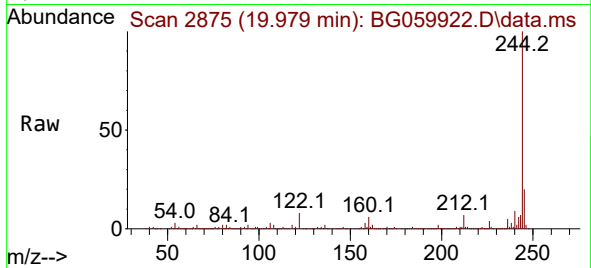




#79
 Terphenyl-d14
 Concen: 95.060 ng
 RT: 19.979 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG059922.D
 Acq: 30 Nov 2023 23:20

Instrument :
 BNA_G
 ClientSampleId :
 PB157019BL

Tgt Ion:244 Resp: 1218821
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 7.7 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.821 min Scan# 3699
 Delta R.T. -0.006 min
 Lab File: BG059922.D
 Acq: 30 Nov 2023 23:20

Tgt Ion:264 Resp: 250430
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.4
 265 21.7 16.0 24.0

