

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057599.D
 Acq On : 27 May 2023 1:20
 Operator : CG/JU
 Sample : PB153078BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153078BL

Quant Time: May 27 02:32:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 23:44:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.349	152	14623	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	61127	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	47586	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	139796	20.000	ng	0.00
76) Chrysene-d12	22.018	240	158110	20.000	ng	0.00
86) Perylene-d12	25.519	264	167316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	133860	159.034	ng	0.00
7) Phenol-d6	7.491	99	192826	146.384	ng	0.00
23) Nitrobenzene-d5	9.529	82	117110	89.558	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	100889	132.424	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	302760	91.435	ng	0.00
79) Terphenyl-d14	20.279	244	843632	92.427	ng	0.00

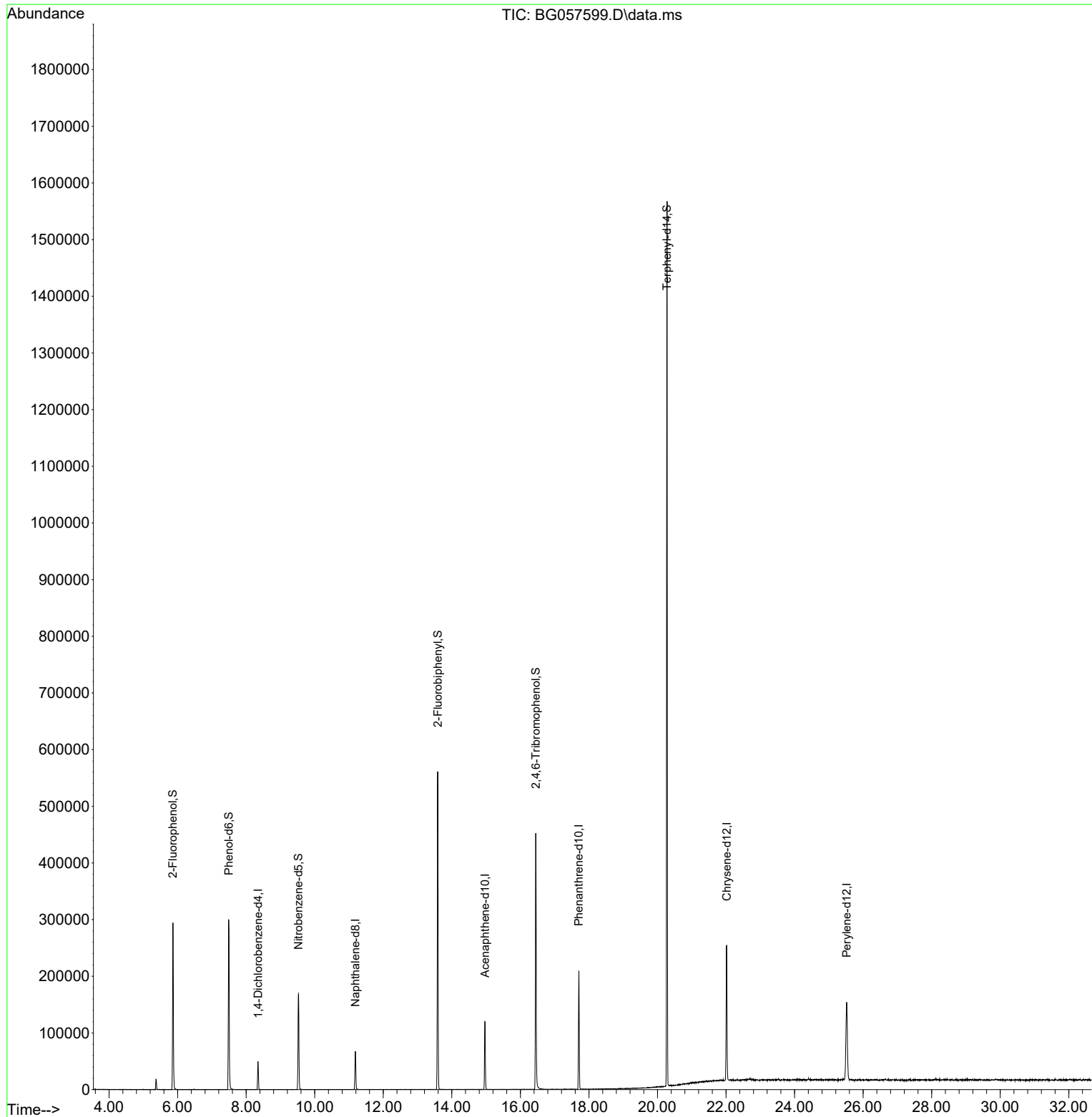
Target Compounds	Qvalue

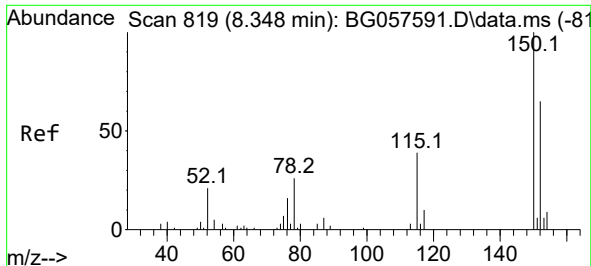
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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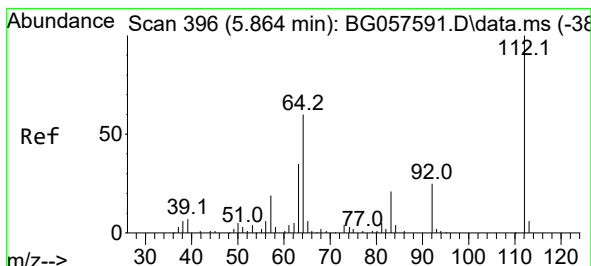
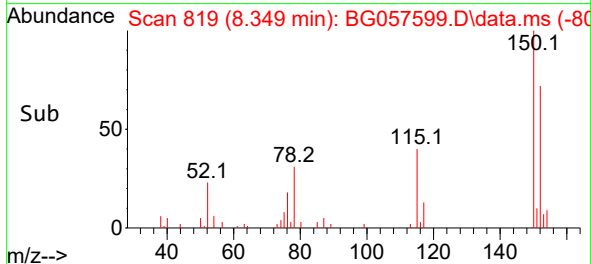
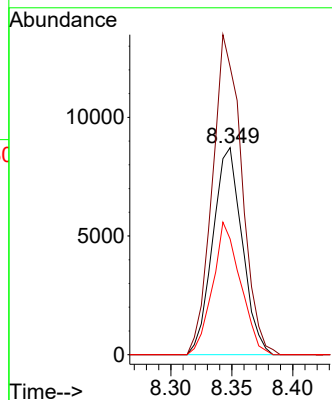
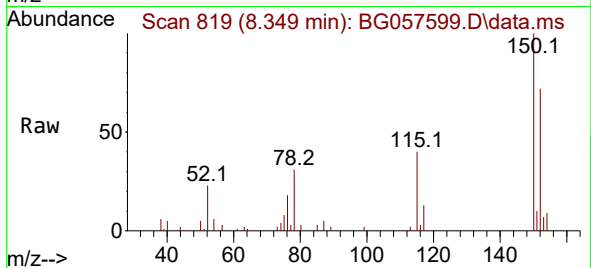




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.349 min Scan# 819
Delta R.T. 0.001 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

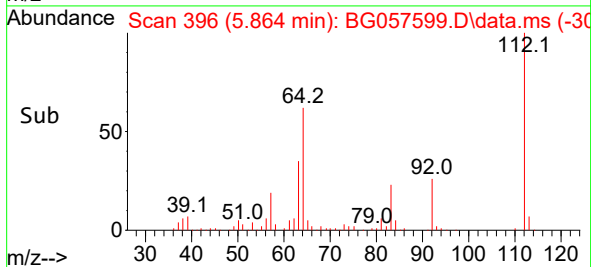
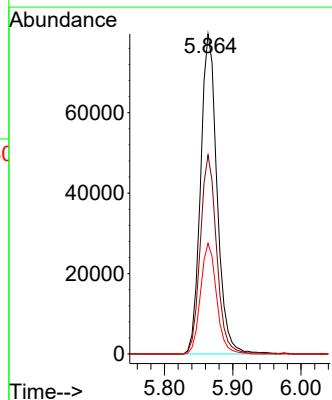
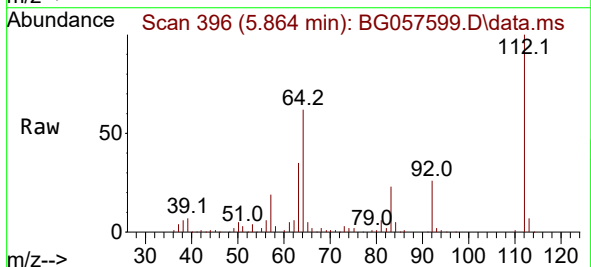
Instrument :
BNA_G
ClientSampleId :
PB153078BL

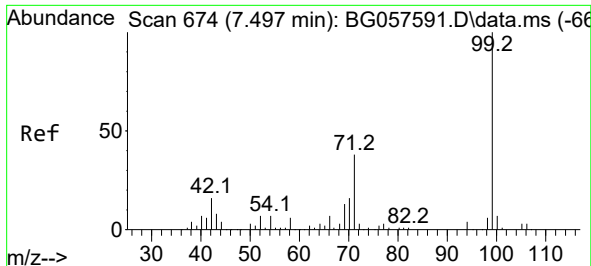
Tgt Ion:152 Resp: 14623
Ion Ratio Lower Upper
152 100
150 139.0 123.0 184.4
115 55.9 47.4 71.2



#5
2-Fluorophenol
Concen: 159.034 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.000 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

Tgt Ion:112 Resp: 133860
Ion Ratio Lower Upper
112 100
64 62.2 47.8 71.6
63 34.6 27.8 41.8

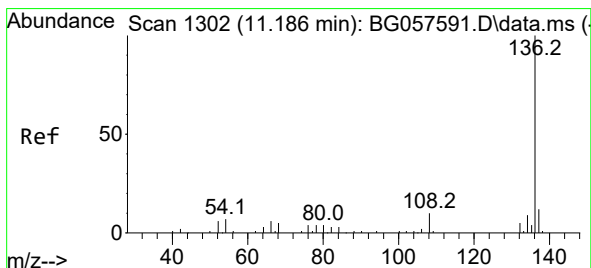
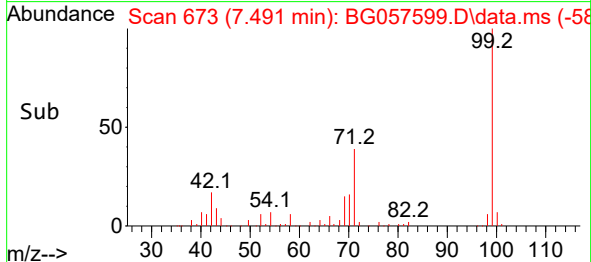
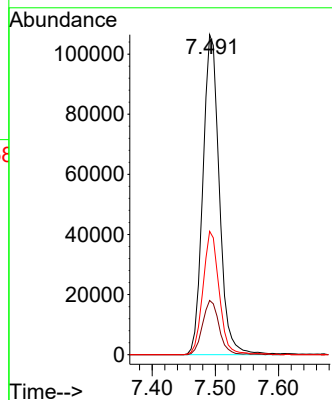
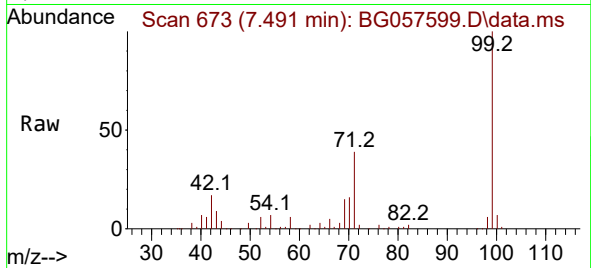




#7
Phenol-d6
Concen: 146.384 ng
RT: 7.491 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

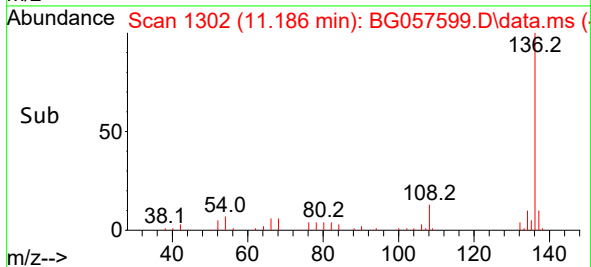
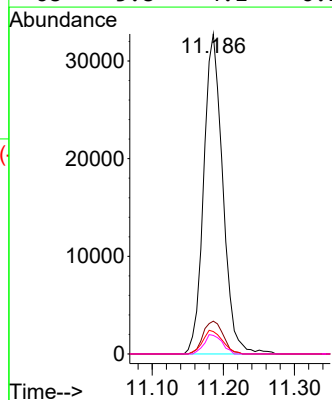
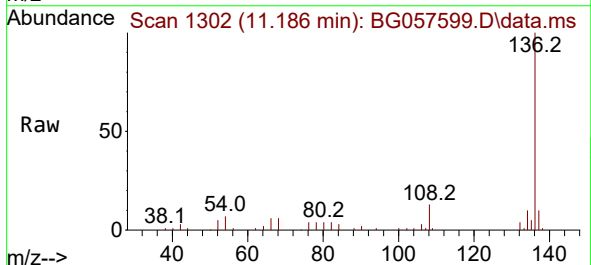
Instrument :
BNA_G
ClientSampleId :
PB153078BL

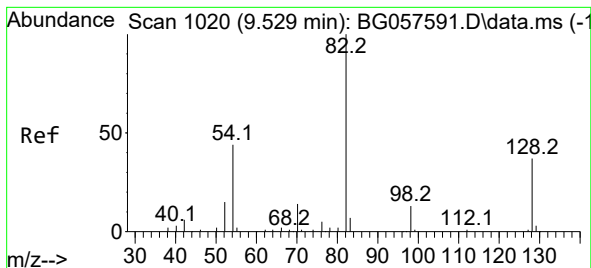
Tgt Ion: 99 Resp: 192826
Ion Ratio Lower Upper
99 100
42 16.9 12.8 19.2
71 38.6 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

Tgt Ion:136 Resp: 61127
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.8
54 7.0 5.8 8.6
68 5.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 89.558 ng

RT: 9.529 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BG057599.D

Acq: 27 May 2023 1:20

Instrument :

BNA_G

ClientSampleId :

PB153078BL

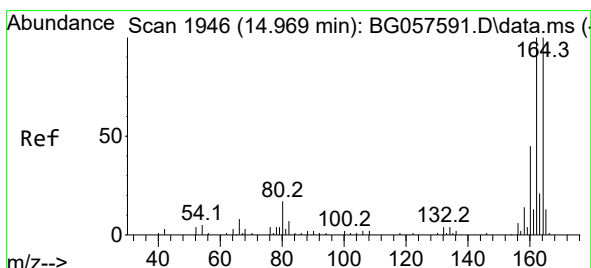
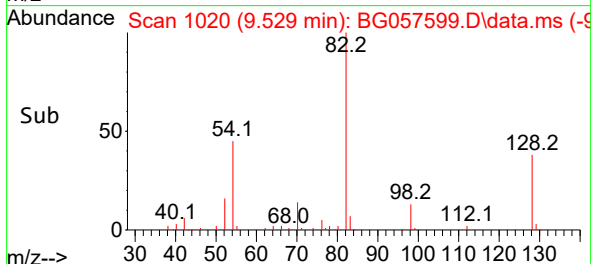
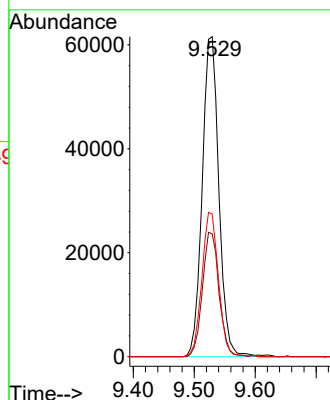
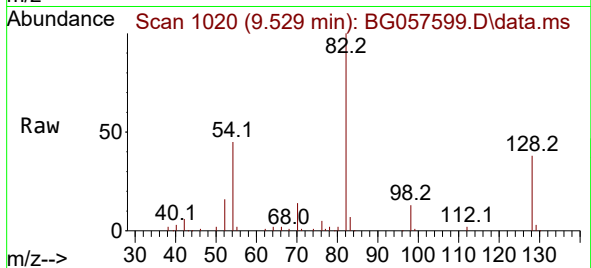
Tgt Ion: 82 Resp: 117110

Ion Ratio Lower Upper

82 100

128 38.4 30.0 45.0

54 44.6 35.2 52.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BG057599.D

Acq: 27 May 2023 1:20

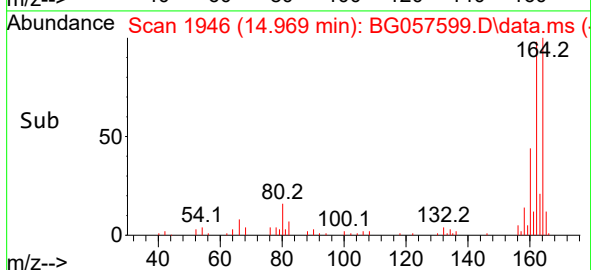
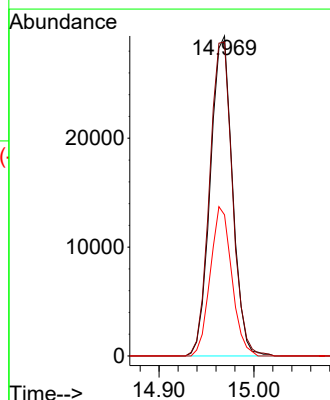
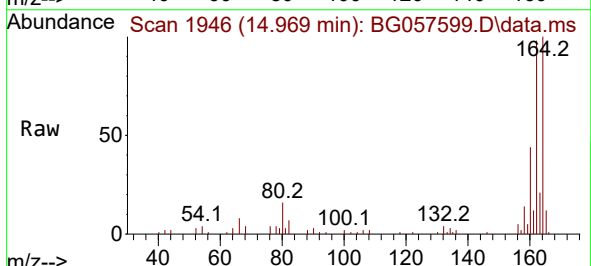
Tgt Ion:164 Resp: 47586

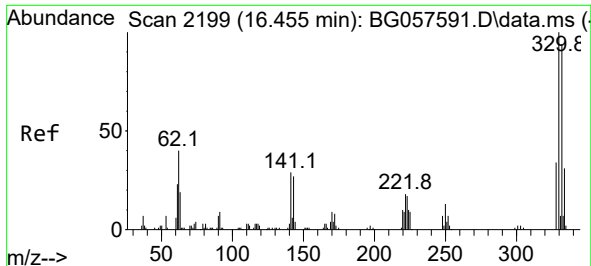
Ion Ratio Lower Upper

164 100

162 98.1 80.1 120.1

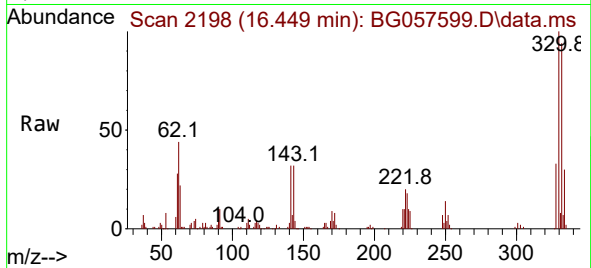
160 44.1 35.9 53.9



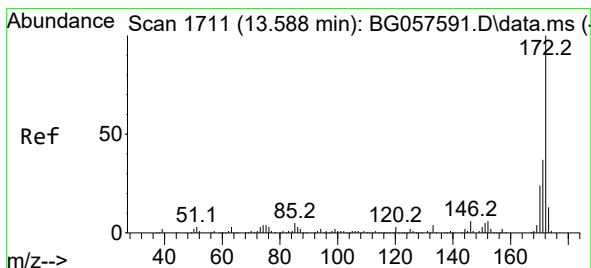
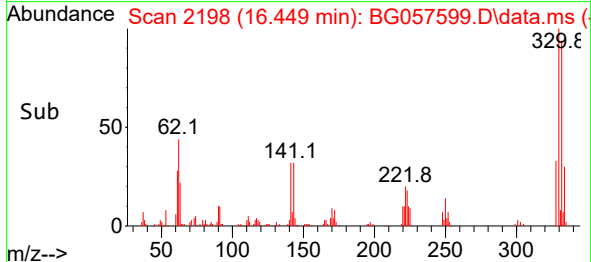
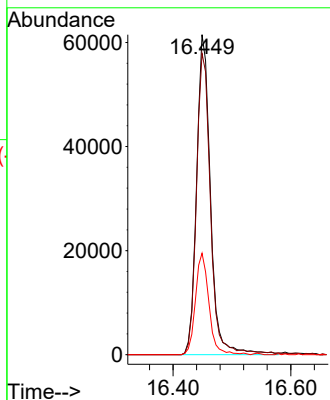


#42
2,4,6-Tribromophenol
Concen: 132.424 ng
RT: 16.449 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

Instrument :
BNA_G
ClientSampleId :
PB153078BL

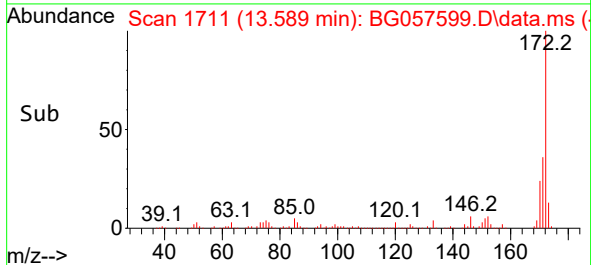
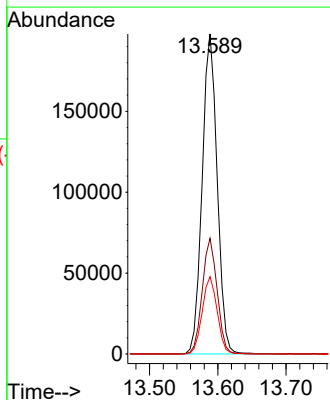
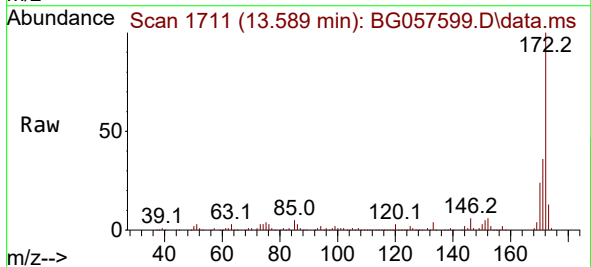


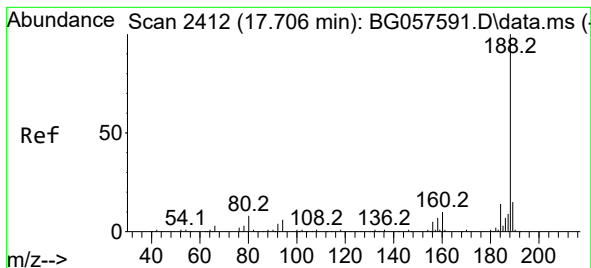
Tgt Ion:330 Resp: 100889
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 30.7 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 91.435 ng
RT: 13.589 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

Tgt Ion:172 Resp: 302760
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.706 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BG057599.D

Acq: 27 May 2023 1:20

Instrument :

BNA_G

ClientSampleId :

PB153078BL

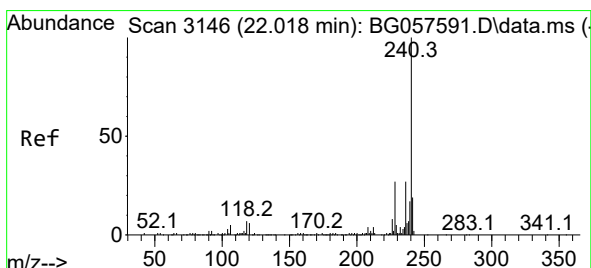
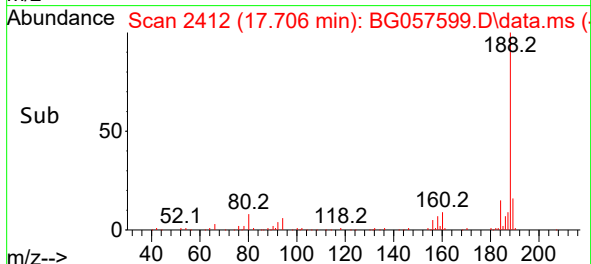
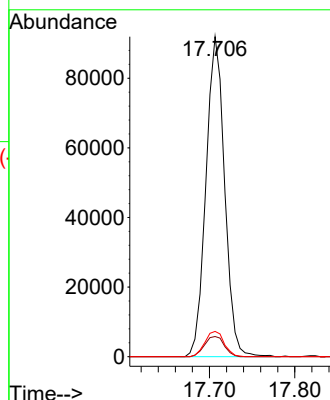
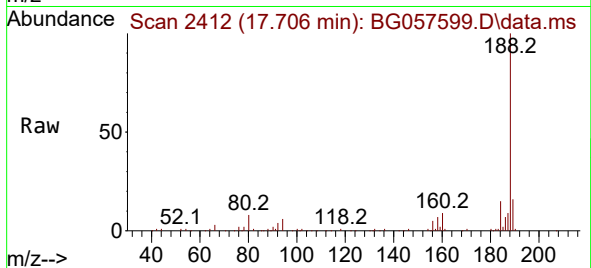
Tgt Ion:188 Resp: 139796

Ion Ratio Lower Upper

188 100

94 6.3 5.2 7.8

80 7.9 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.018 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BG057599.D

Acq: 27 May 2023 1:20

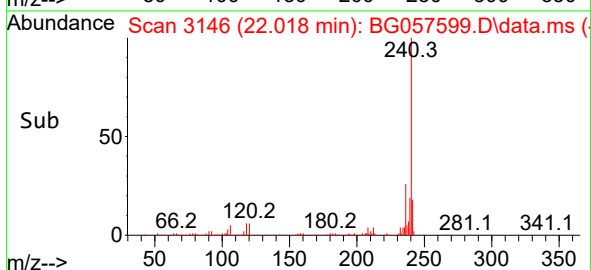
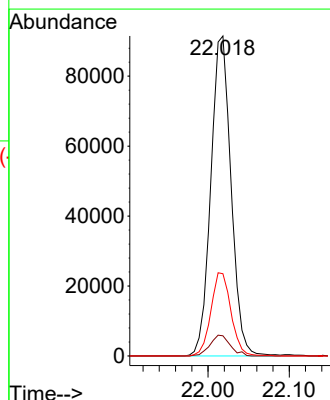
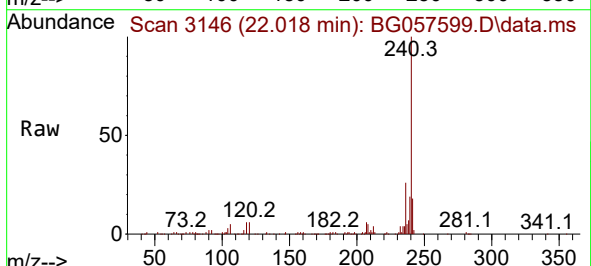
Tgt Ion:240 Resp: 158110

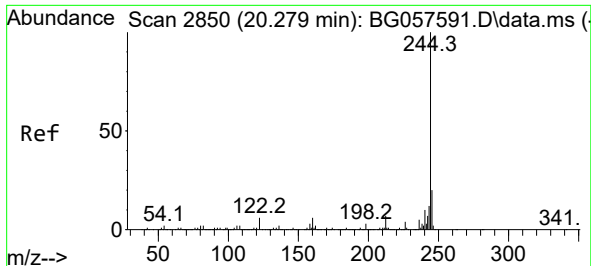
Ion Ratio Lower Upper

240 100

120 6.3 5.2 7.8

236 25.7 21.4 32.0

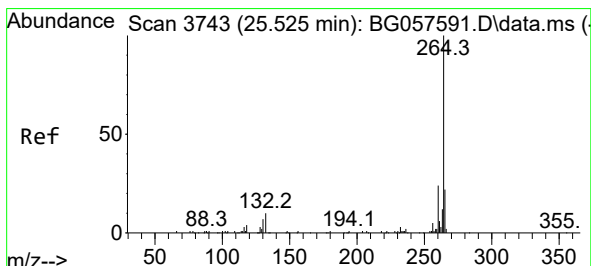
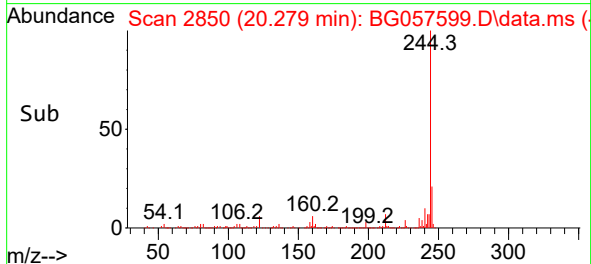
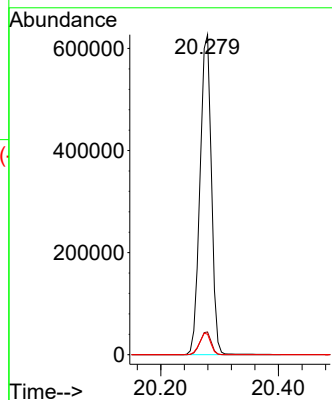
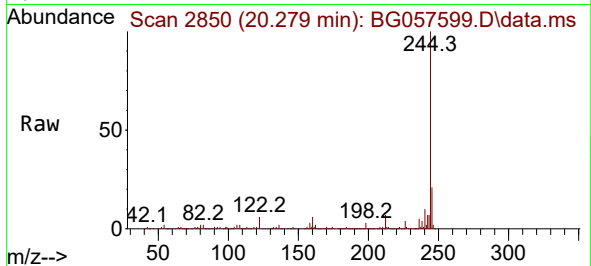




#79
 Terphenyl-d14
 Concen: 92.427 ng
 RT: 20.279 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057599.D
 Acq: 27 May 2023 1:20

Instrument :
 BNA_G
 ClientSampleId :
 PB153078BL

Tgt Ion:244 Resp: 843632
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 6.4 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.519 min Scan# 3742
 Delta R.T. -0.006 min
 Lab File: BG057599.D
 Acq: 27 May 2023 1:20

Tgt Ion:264 Resp: 167316
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.6 17.7 26.5

