

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057786.D
 Acq On : 21 Jun 2023 15:55
 Operator : CG/JU
 Sample : PB153543BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153543BL

Quant Time: Jun 22 04:50:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	32127	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	141424	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	100428	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	262978	20.000	ng	0.00
76) Chrysene-d12	21.555	240	243431	20.000	ng	0.00
86) Perylene-d12	24.710	264	292524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	318370	152.799	ng	0.00
7) Phenol-d6	7.084	99	441878	138.988	ng	0.00
23) Nitrobenzene-d5	9.081	82	256129	92.951	ng	-0.01
42) 2,4,6-Tribromophenol	16.050	330	196433	140.414	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	587058	88.662	ng	0.00
79) Terphenyl-d14	19.922	244	1164890	89.230	ng	0.00

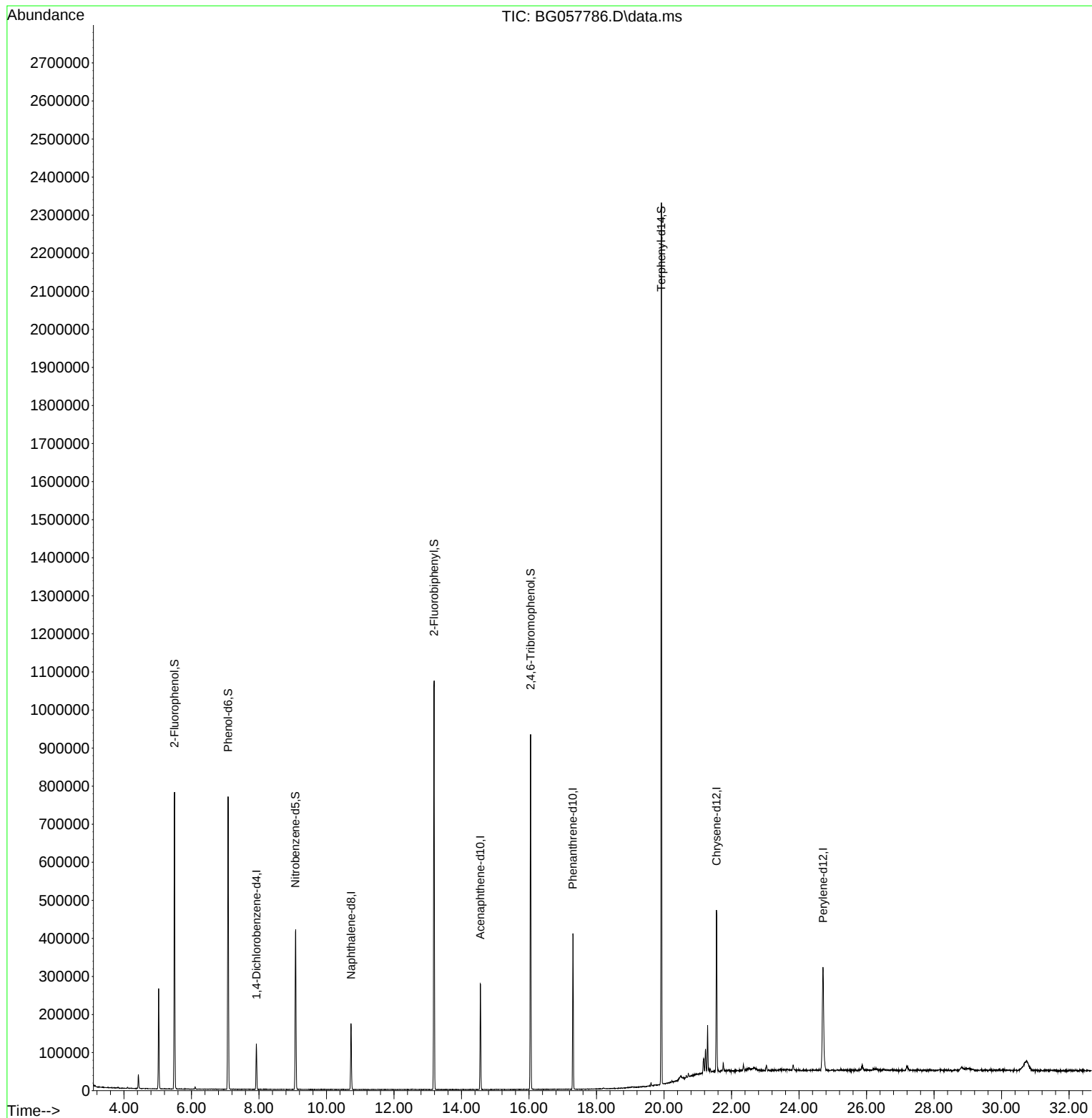
Target Compounds	Qvalue

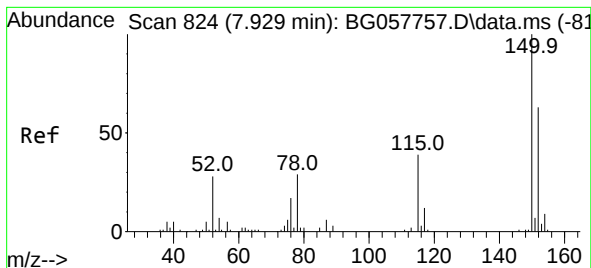
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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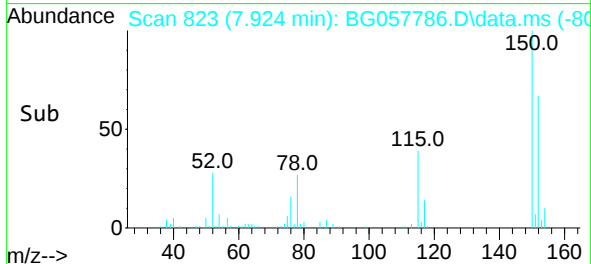
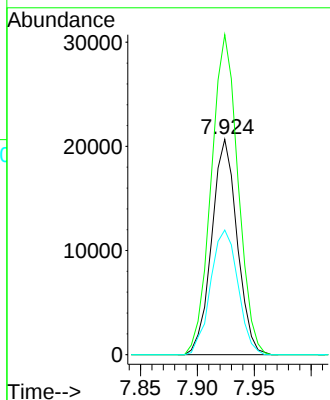
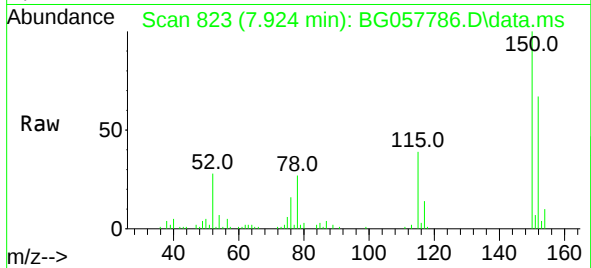




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

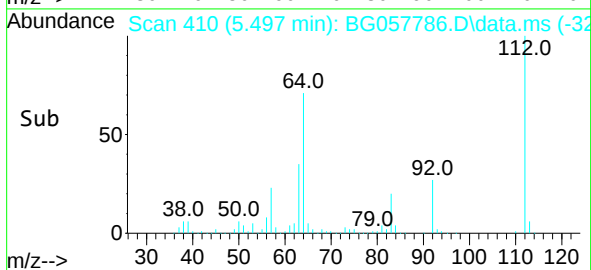
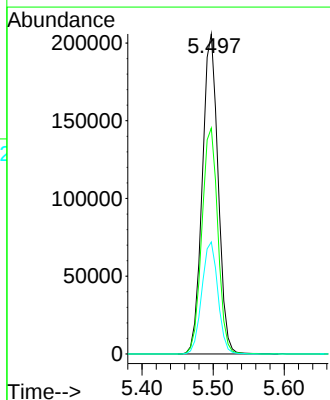
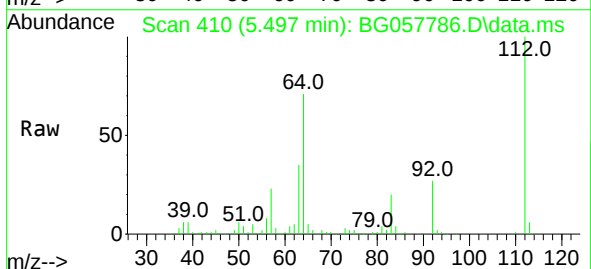
Instrument :
BNA_G
ClientSampleId :
PB153543BL

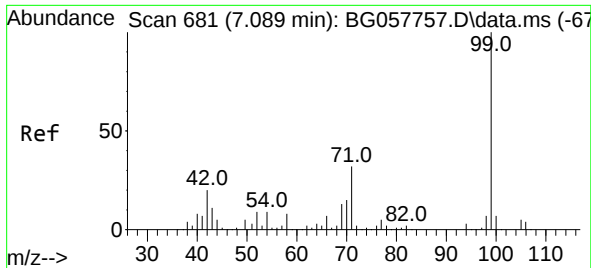
Tgt Ion:152 Resp: 32127
Ion Ratio Lower Upper
152 100
150 148.6 126.6 189.8
115 57.9 48.9 73.3



#5
2-Fluorophenol
Concen: 152.799 ng
RT: 5.497 min Scan# 410
Delta R.T. 0.000 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

Tgt Ion:112 Resp: 318370
Ion Ratio Lower Upper
112 100
64 70.6 62.1 93.1
63 35.0 31.5 47.3

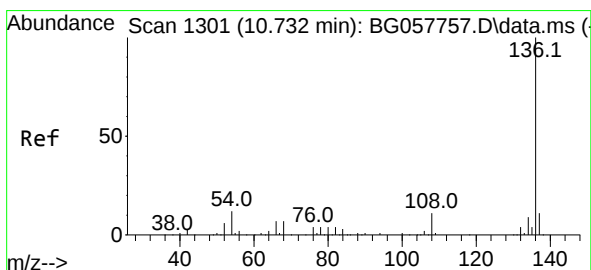
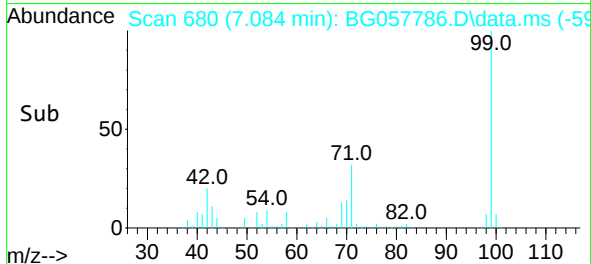
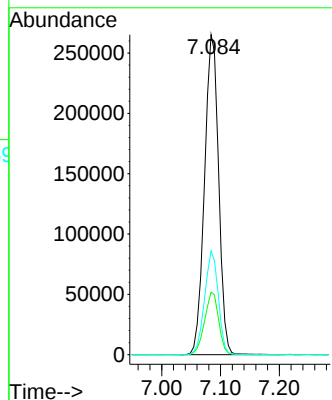
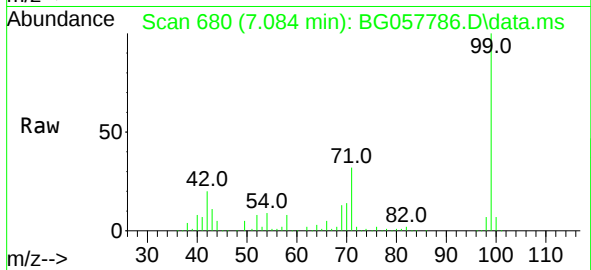




#7
Phenol-d6
Concen: 138.988 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

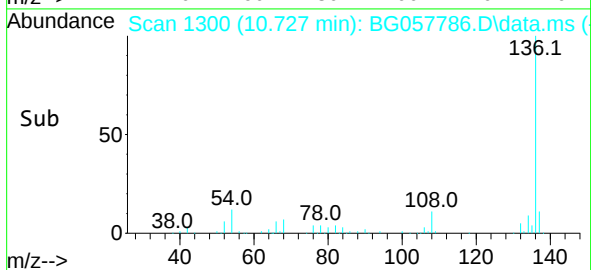
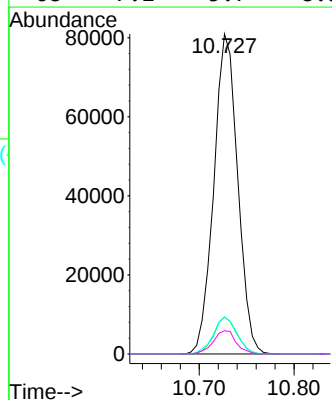
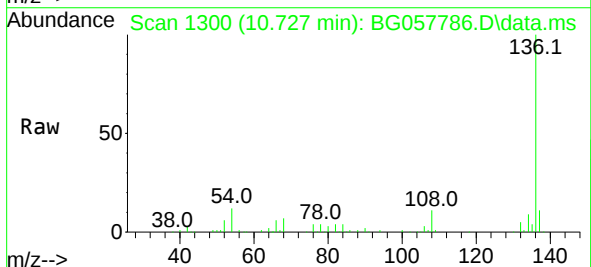
Instrument :
BNA_G
ClientSampleId :
PB153543BL

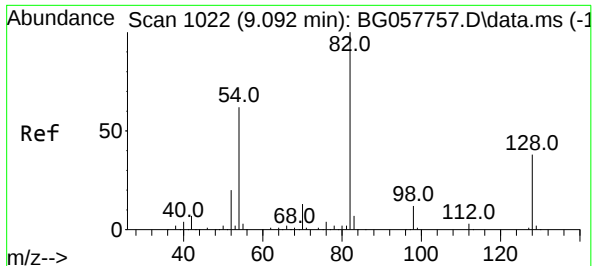
Tgt Ion: 99 Resp: 441878
Ion Ratio Lower Upper
99 100
42 19.6 16.4 24.6
71 32.5 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

Tgt Ion: 136 Resp: 141424
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 11.6 9.5 14.3
68 7.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 92.951 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.011 min

Lab File: BG057786.D

Acq: 21 Jun 2023 15:55

Instrument :

BNA_G

ClientSampleId :

PB153543BL

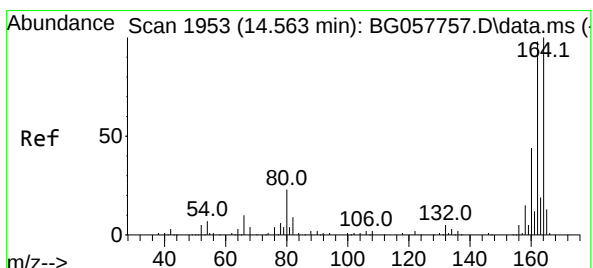
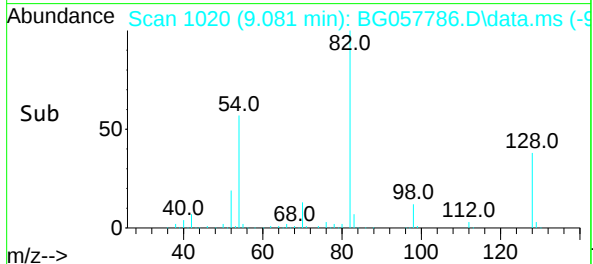
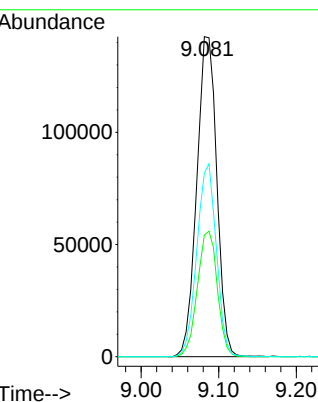
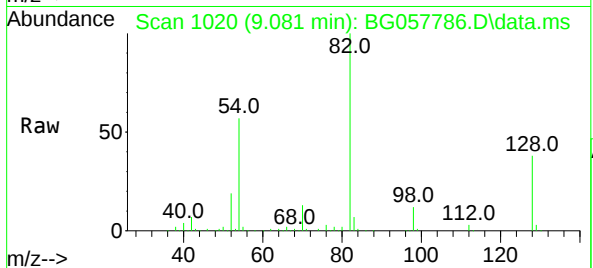
Tgt Ion: 82 Resp: 256129

Ion Ratio Lower Upper

82 100

128 38.0 30.7 46.1

54 57.4 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.005 min

Lab File: BG057786.D

Acq: 21 Jun 2023 15:55

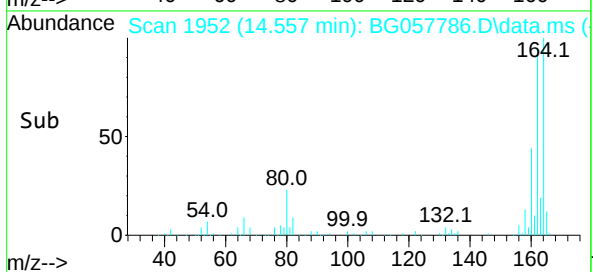
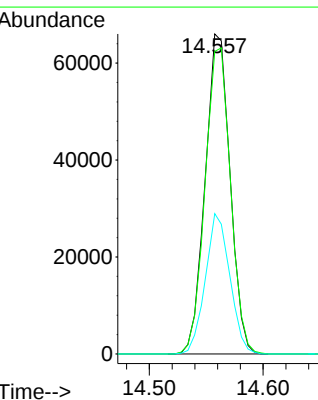
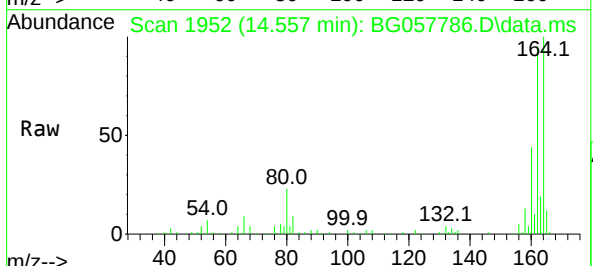
Tgt Ion:164 Resp: 100428

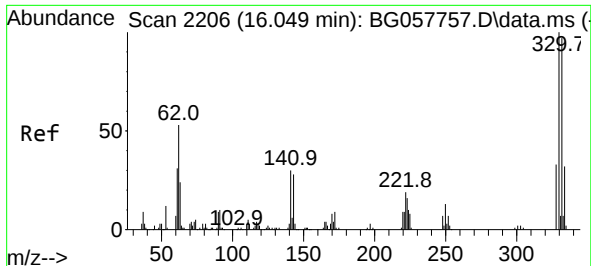
Ion Ratio Lower Upper

164 100

162 94.5 78.3 117.5

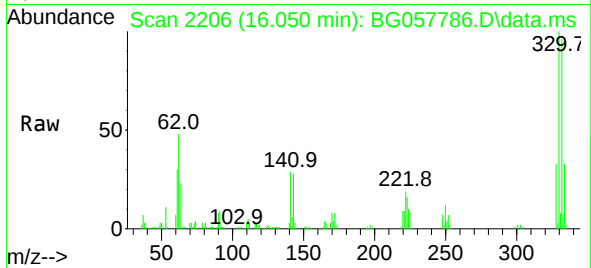
160 43.9 35.4 53.0



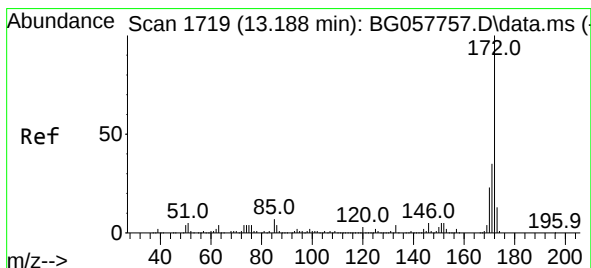
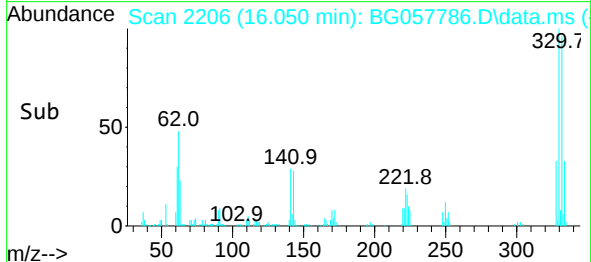
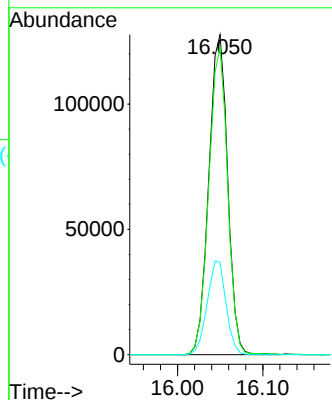


#42
2,4,6-Tribromophenol
Concen: 140.414 ng
RT: 16.050 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

Instrument :
BNA_G
ClientSampleId :
PB153543BL

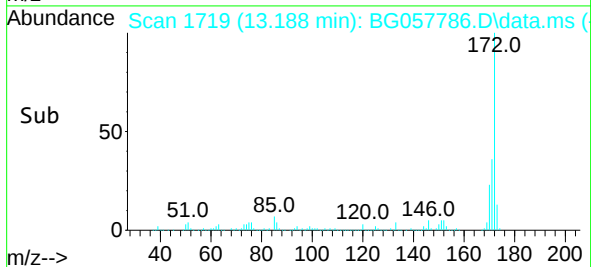
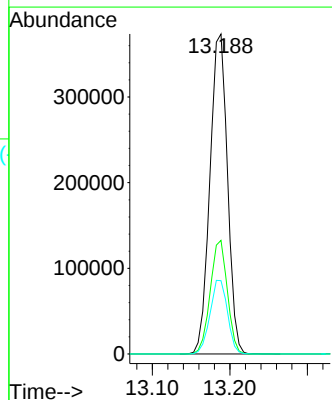
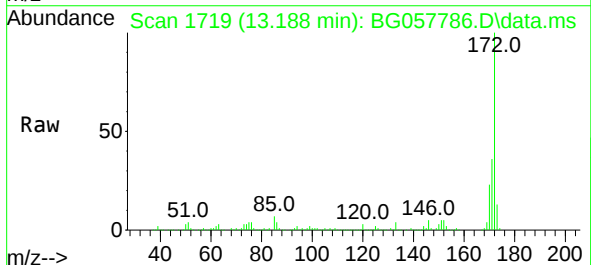


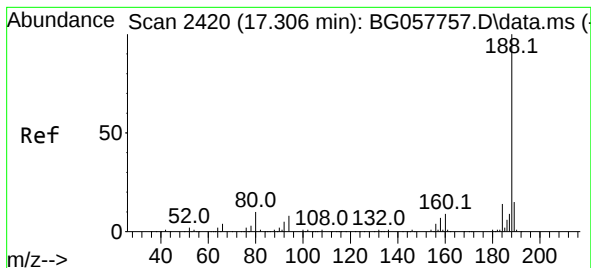
Tgt Ion:330 Resp: 196433
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 29.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 88.662 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.001 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

Tgt Ion:172 Resp: 587058
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 22.9 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BG057786.D

Acq: 21 Jun 2023 15:55

Instrument :

BNA_G

ClientSampleId :

PB153543BL

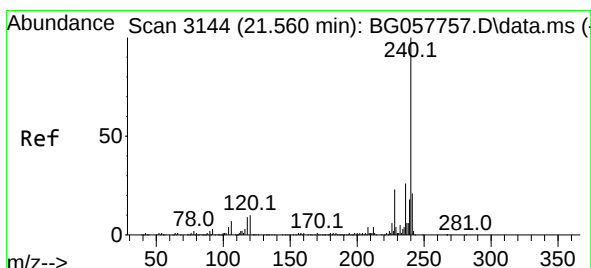
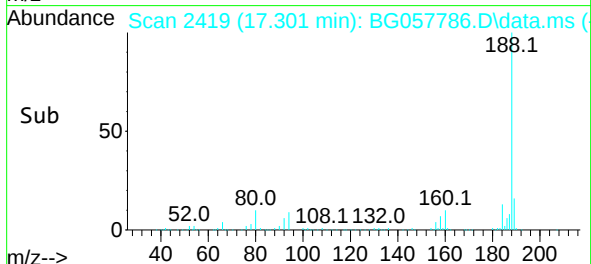
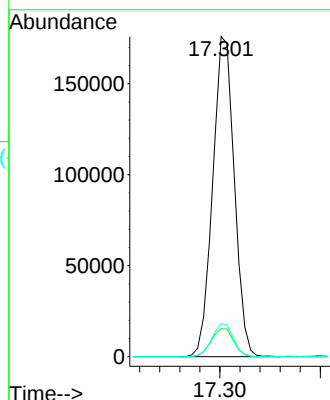
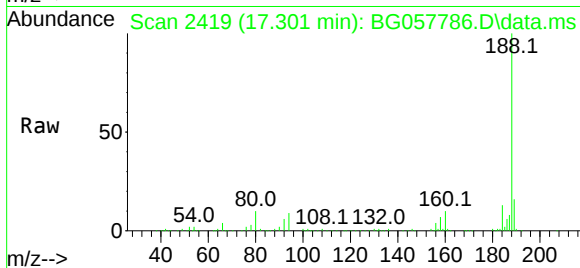
Tgt Ion:188 Resp: 262978

Ion Ratio Lower Upper

188 100

94 8.7 6.6 9.8

80 10.4 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.555 min Scan# 3143

Delta R.T. -0.005 min

Lab File: BG057786.D

Acq: 21 Jun 2023 15:55

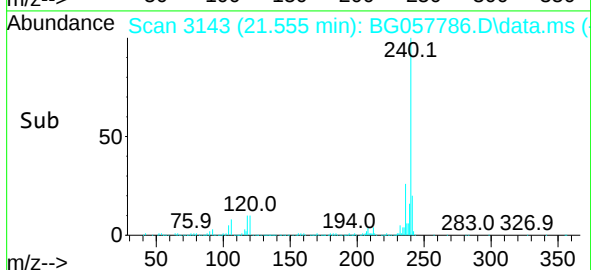
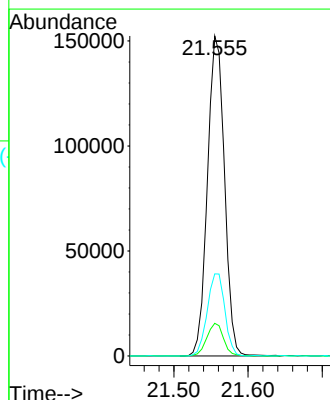
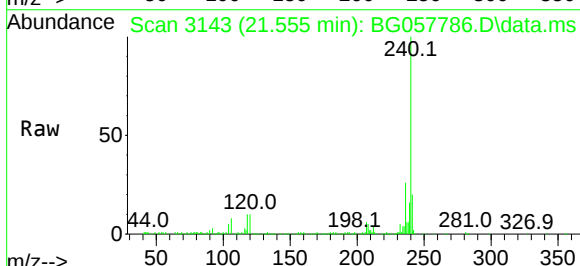
Tgt Ion:240 Resp: 243431

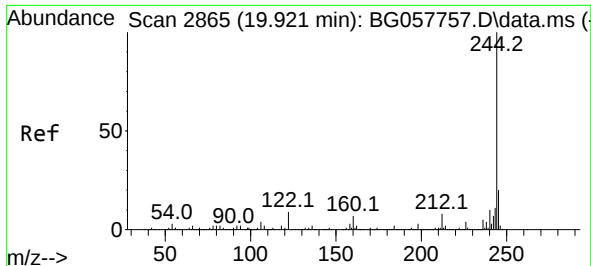
Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

236 25.7 20.6 30.8

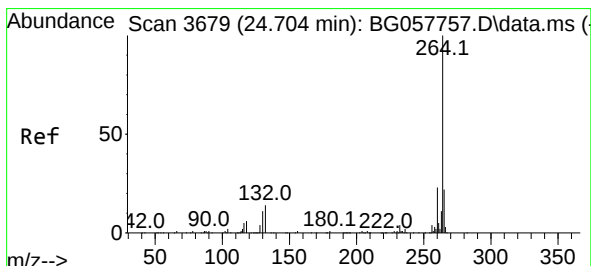
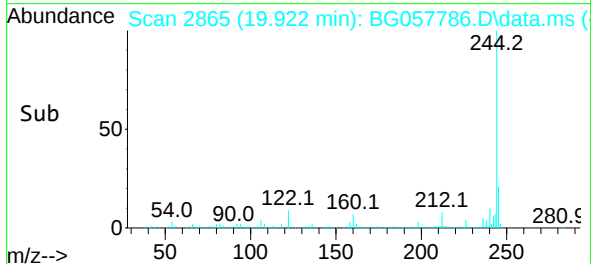
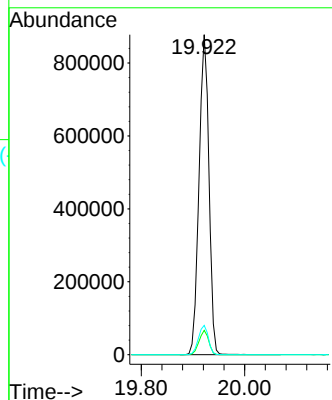
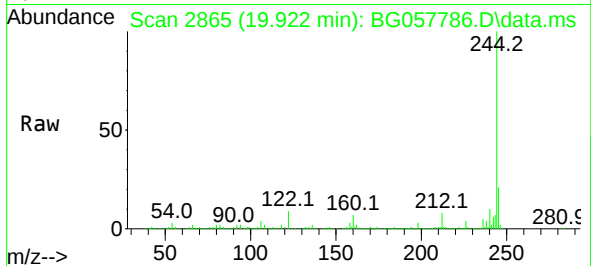




#79
 Terphenyl-d14
 Concen: 89.230 ng
 RT: 19.922 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057786.D
 Acq: 21 Jun 2023 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB153543BL

Tgt Ion:244 Resp: 1164890
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.2 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.710 min Scan# 3680
 Delta R.T. 0.007 min
 Lab File: BG057786.D
 Acq: 21 Jun 2023 15:55

Tgt Ion:264 Resp: 292524
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.5 27.7
 265 22.5 17.4 26.2

