

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057719.D
 Acq On : 15 Jun 2023 11:04
 Operator : CG/JU
 Sample : PB153430BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153430BL

Quant Time: Jun 15 13:00:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	25224	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	108052	20.000	ng	0.00
39) Acenaphthene-d10	14.573	164	79296	20.000	ng	0.00
64) Phenanthrene-d10	17.311	188	217215	20.000	ng	0.00
76) Chrysene-d12	21.571	240	202819	20.000	ng	0.00
86) Perylene-d12	24.732	264	240130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	316369	204.227	ng	0.00
7) Phenol-d6	7.094	99	437704	183.925	ng	0.00
23) Nitrobenzene-d5	9.097	82	237325	127.583	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	190934	215.825	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	592858	111.445	ng	0.00
79) Terphenyl-d14	19.938	244	1233832	112.474	ng	0.00

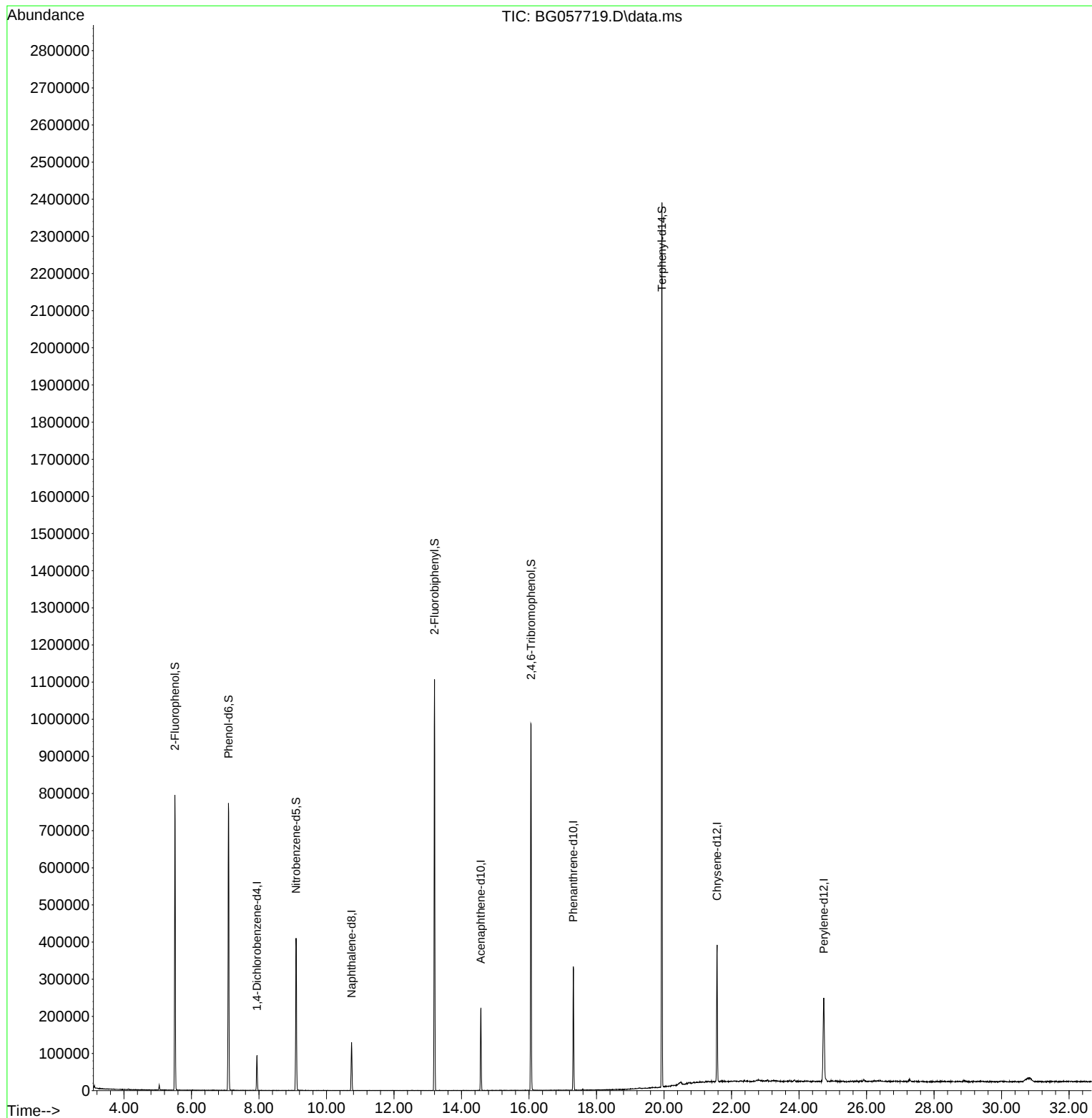
Target Compounds	Qvalue

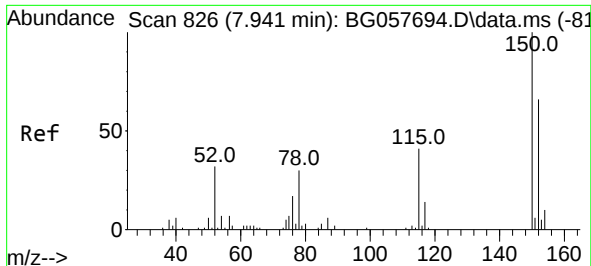
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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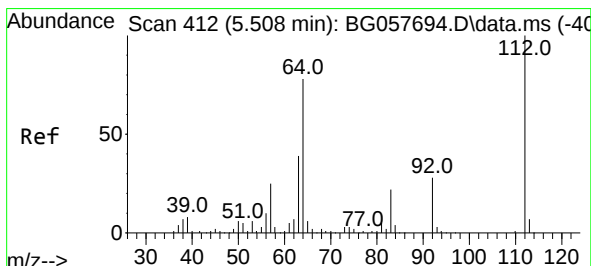
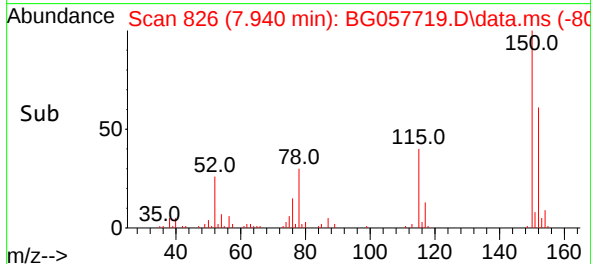
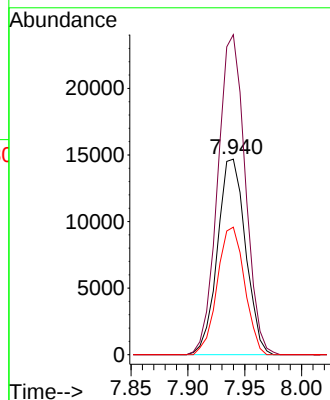
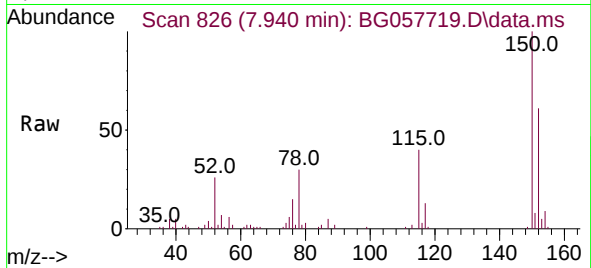




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

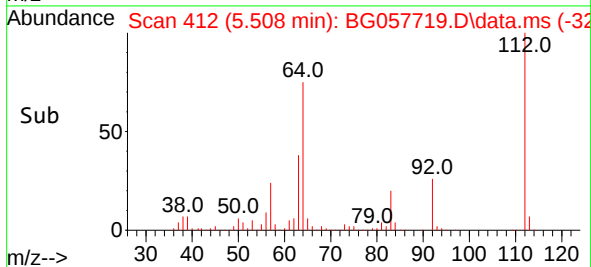
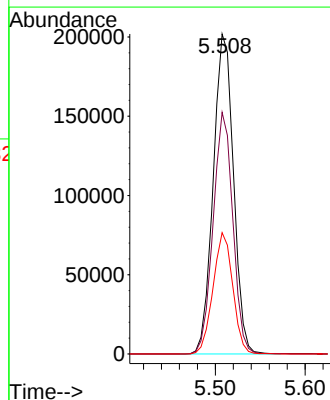
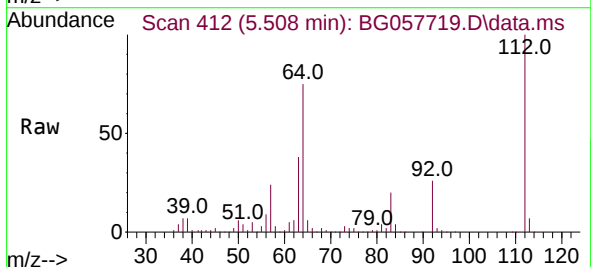
Instrument :
BNA_G
ClientSampleId :
PB153430BL

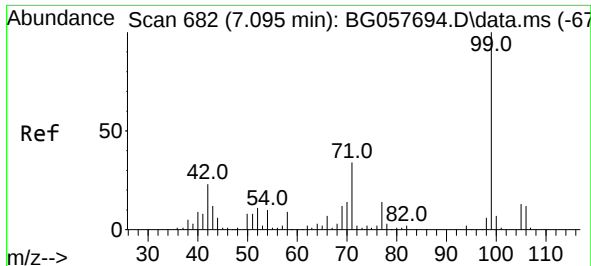
Tgt Ion:152 Resp: 25224
Ion Ratio Lower Upper
152 100
150 163.7 120.8 181.2
115 65.2 49.4 74.2



#5
2-Fluorophenol
Concen: 204.227 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

Tgt Ion:112 Resp: 316369
Ion Ratio Lower Upper
112 100
64 75.5 62.3 93.5
63 37.9 31.5 47.3

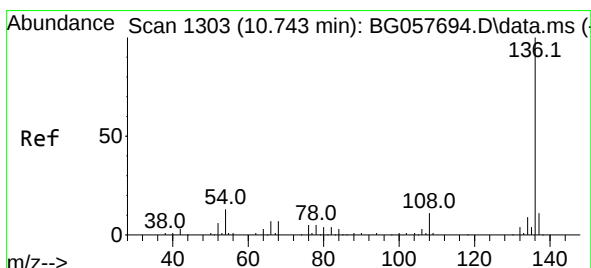
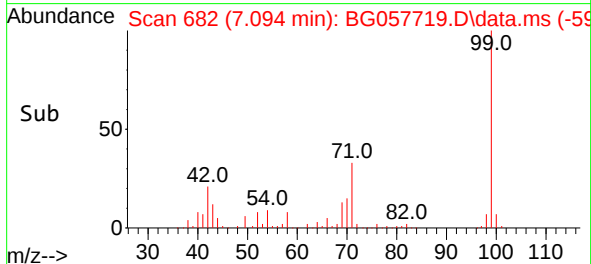
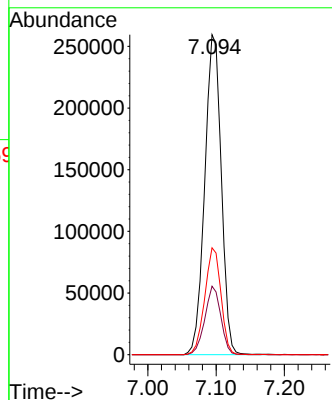
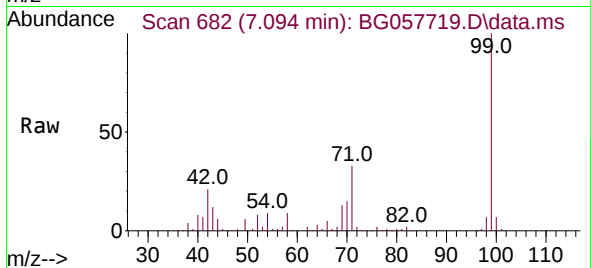




#7
Phenol-d6
Concen: 183.925 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

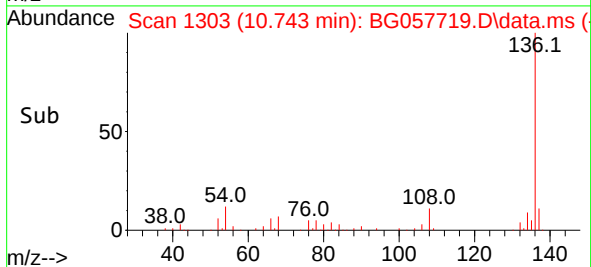
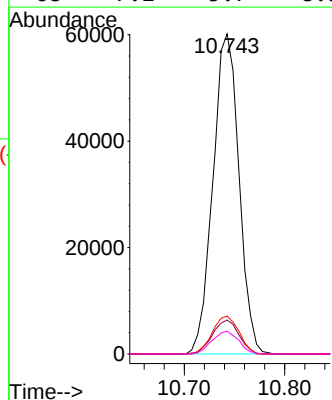
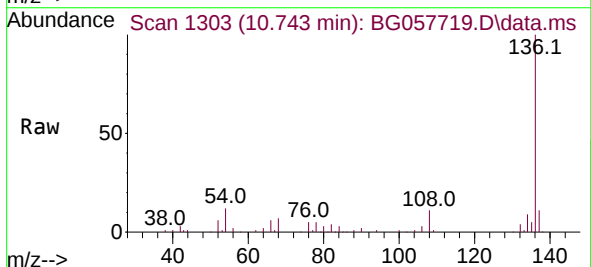
Instrument :
BNA_G
ClientSampleId :
PB153430BL

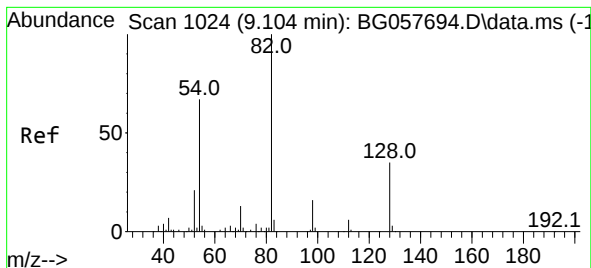
Tgt Ion: 99 Resp: 437704
Ion Ratio Lower Upper
99 100
42 21.4 18.3 27.5
71 33.4 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

Tgt Ion: 136 Resp: 108052
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.9 10.8 16.2
68 7.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 127.583 ng

RT: 9.097 min Scan# 1023

Delta R.T. -0.007 min

Lab File: BG057719.D

Acq: 15 Jun 2023 11:04

Instrument :

BNA_G

ClientSampleId :

PB153430BL

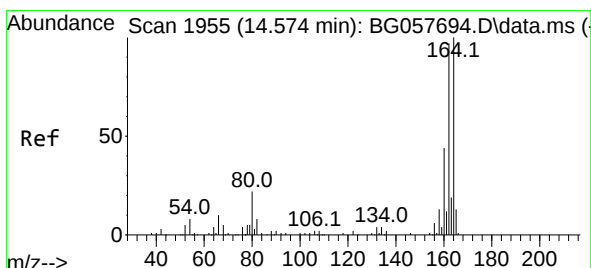
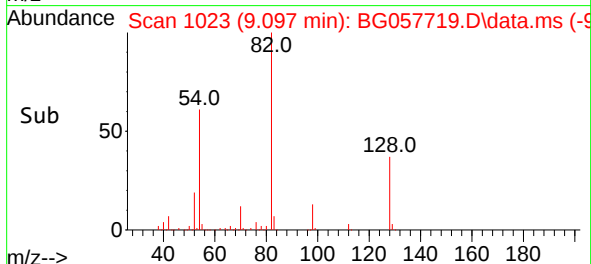
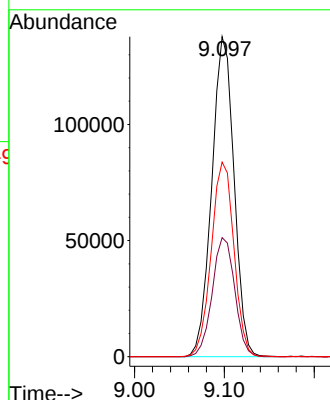
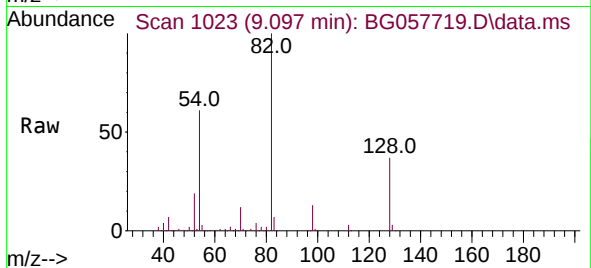
Tgt Ion: 82 Resp: 237325

Ion Ratio Lower Upper

82 100

128 37.2 27.7 41.5

54 60.8 53.8 80.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.573 min Scan# 1955

Delta R.T. -0.001 min

Lab File: BG057719.D

Acq: 15 Jun 2023 11:04

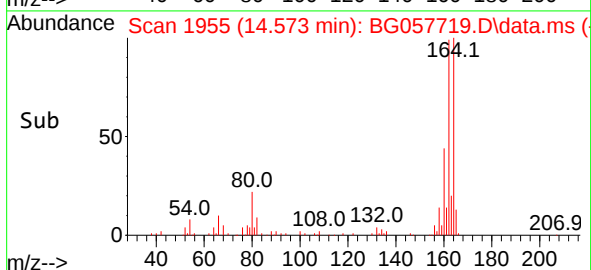
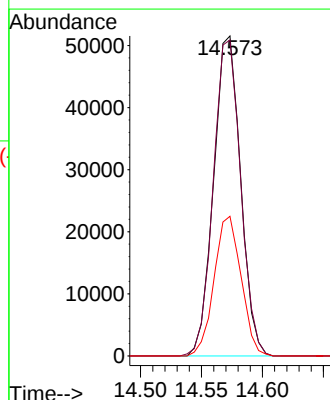
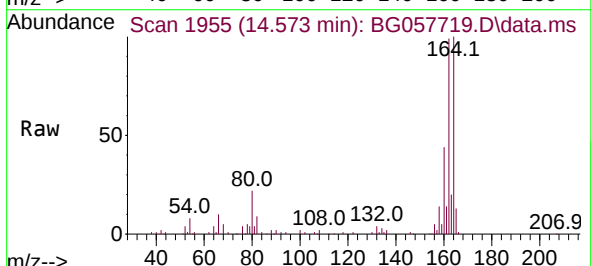
Tgt Ion:164 Resp: 79296

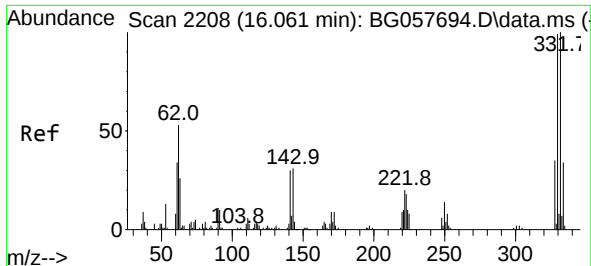
Ion Ratio Lower Upper

164 100

162 98.7 77.7 116.5

160 43.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 215.825 ng

RT: 16.060 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057719.D

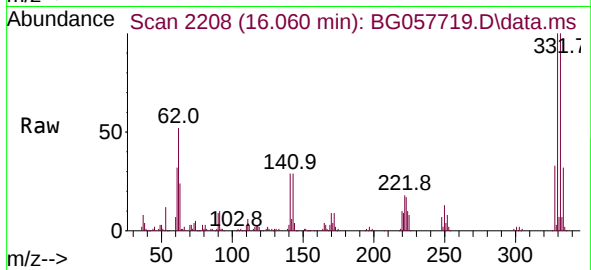
Acq: 15 Jun 2023 11:04

Instrument :

BNA_G

ClientSampleId :

PB153430BL



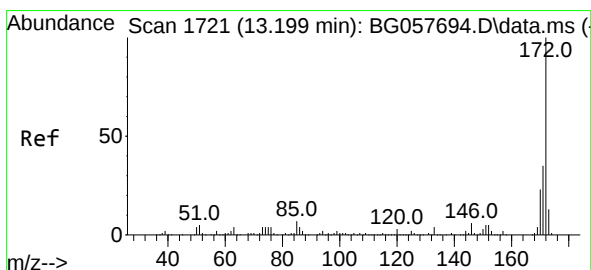
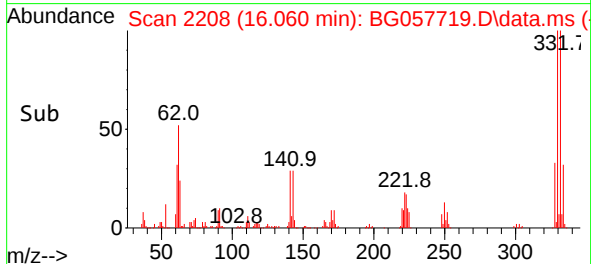
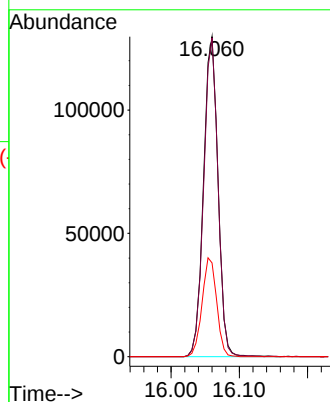
Tgt Ion:330 Resp: 190934

Ion Ratio Lower Upper

330 100

332 98.3 79.0 118.6

141 31.1 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 111.445 ng

RT: 13.199 min Scan# 1721

Delta R.T. -0.001 min

Lab File: BG057719.D

Acq: 15 Jun 2023 11:04

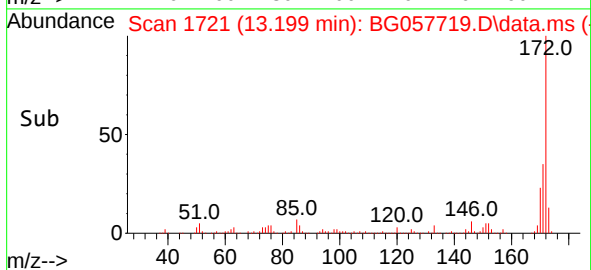
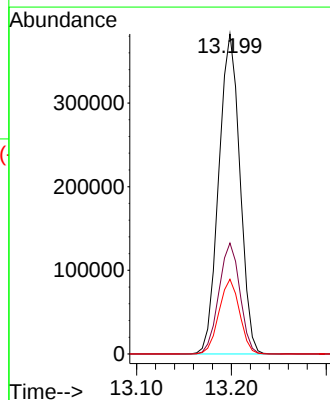
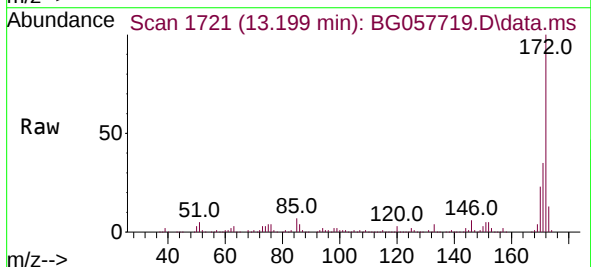
Tgt Ion:172 Resp: 592858

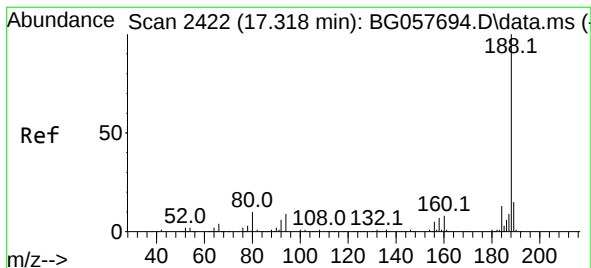
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.4 18.2 27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.311 min Scan# 2422

Delta R.T. -0.007 min

Lab File: BG057719.D

Acq: 15 Jun 2023 11:04

Instrument :

BNA_G

ClientSampleId :

PB153430BL

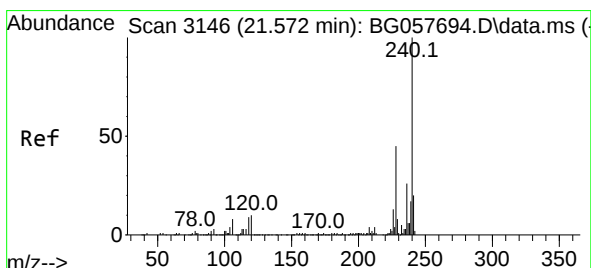
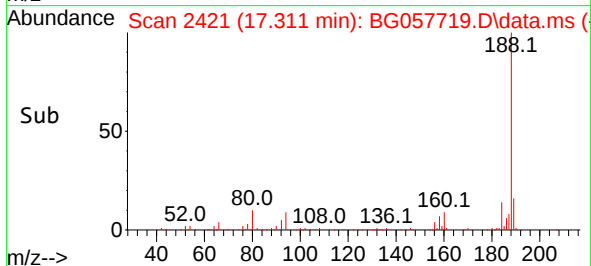
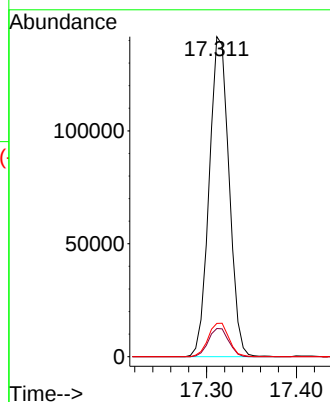
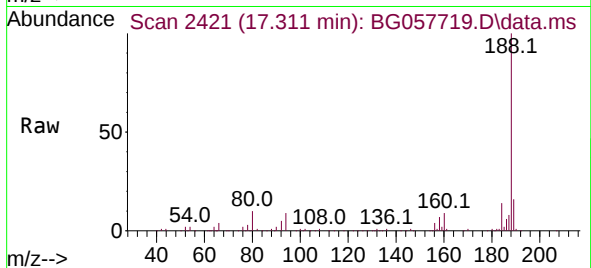
Tgt Ion:188 Resp: 217215

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 10.4 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 3146

Delta R.T. -0.001 min

Lab File: BG057719.D

Acq: 15 Jun 2023 11:04

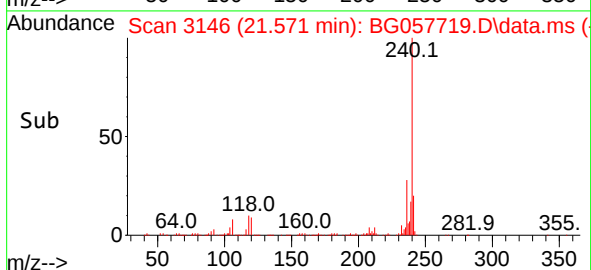
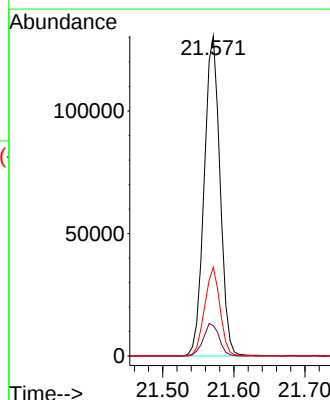
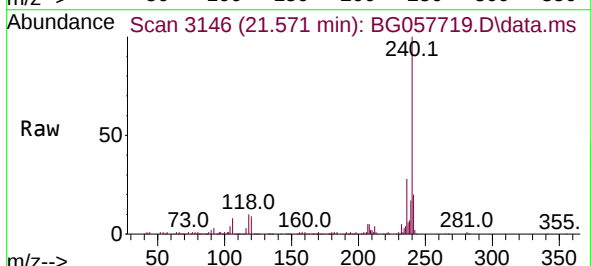
Tgt Ion:240 Resp: 202819

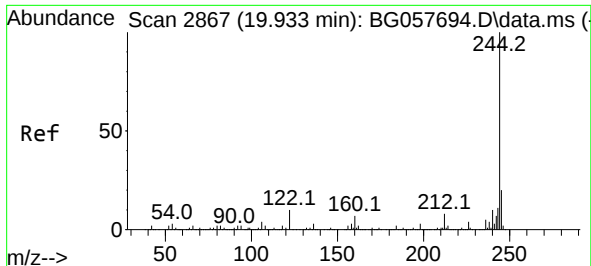
Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

236 27.7 20.7 31.1

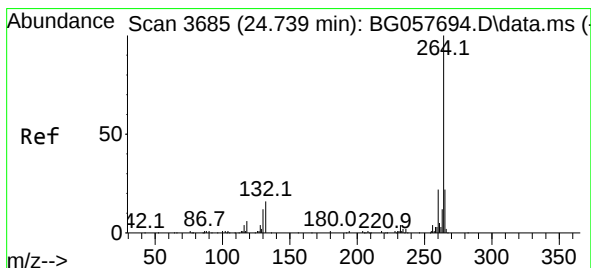
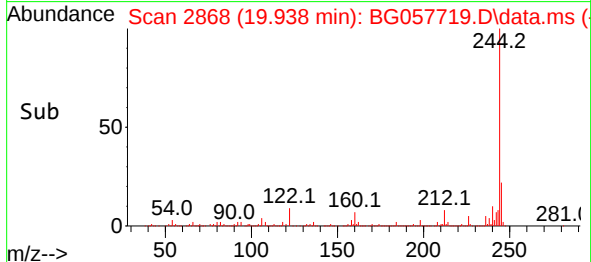
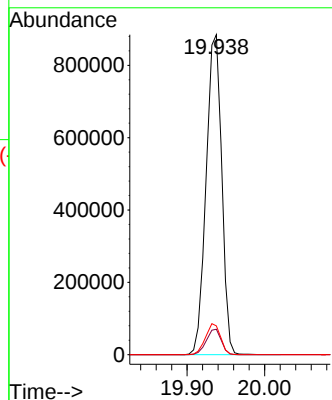
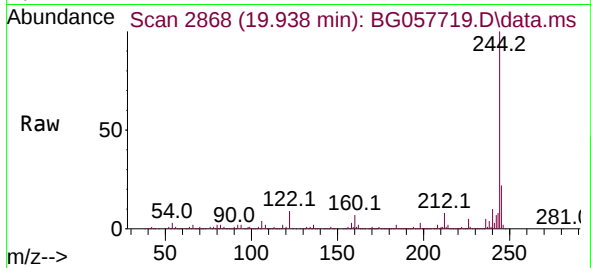




#79
 Terphenyl-d14
 Concen: 112.474 ng
 RT: 19.938 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG057719.D
 Acq: 15 Jun 2023 11:04

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Tgt Ion:244 Resp: 1233832
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.732 min Scan# 3684
 Delta R.T. -0.007 min
 Lab File: BG057719.D
 Acq: 15 Jun 2023 11:04

Tgt Ion:264 Resp: 240130
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.3 25.9
 265 21.5 17.5 26.3

