

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061323\
 Data File : BG057699.D
 Acq On : 13 Jun 2023 22:48
 Operator : CG/JU
 Sample : PB153230BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153230BL

Quant Time: Jun 14 04:03:34 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	22180	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	96395	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	69721	20.000	ng	0.00
64) Phenanthrene-d10	17.311	188	198574	20.000	ng	0.00
76) Chrysene-d12	21.565	240	194783	20.000	ng	0.00
86) Perylene-d12	24.732	264	227334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	199948	146.787	ng	0.00
7) Phenol-d6	7.094	99	284200	135.811	ng	0.00
23) Nitrobenzene-d5	9.098	82	140069	89.319	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	114503	147.205	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	393492	84.127	ng	0.00
79) Terphenyl-d14	19.932	244	890187	84.496	ng	0.00

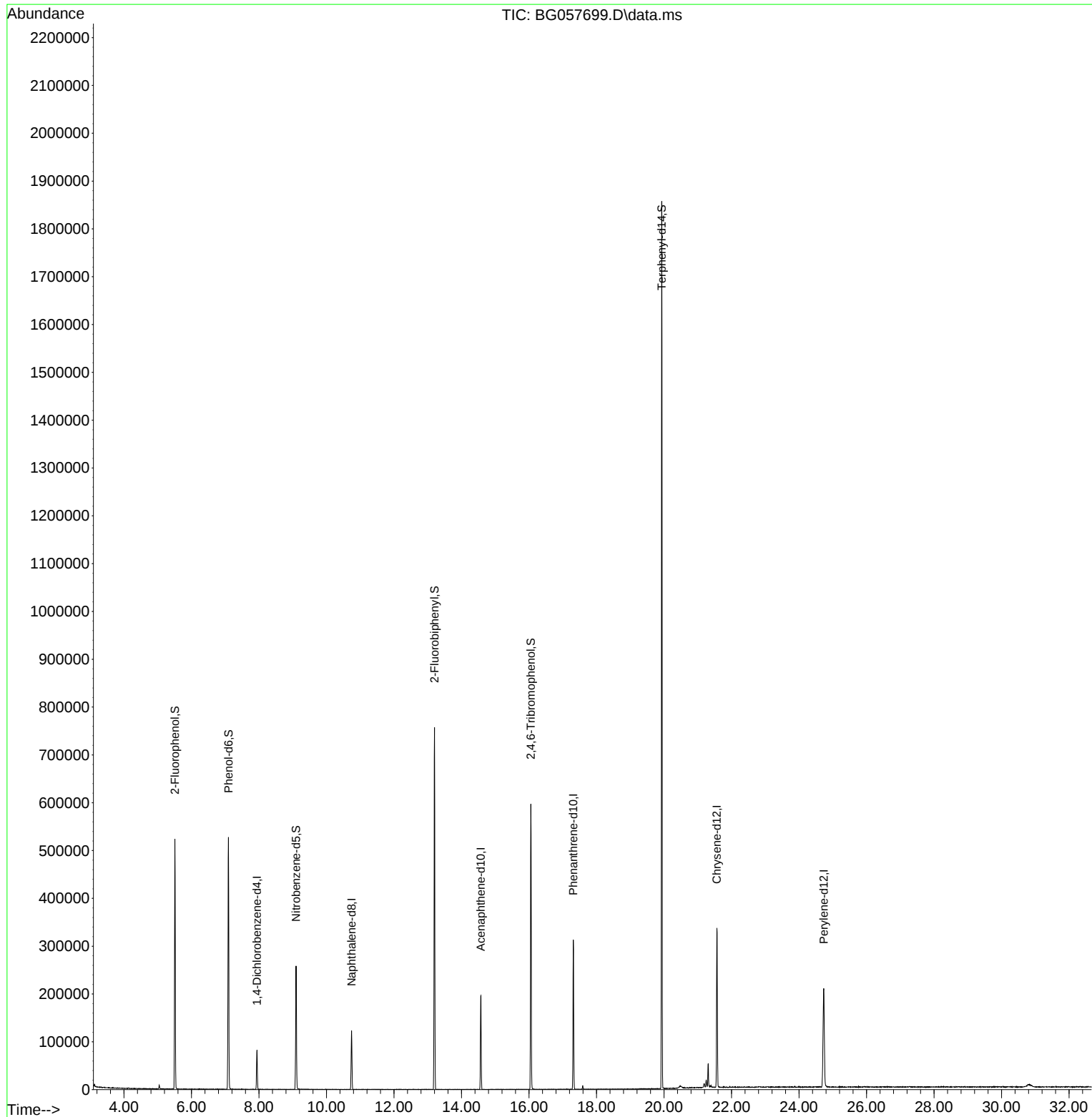
Target Compounds	Qvalue

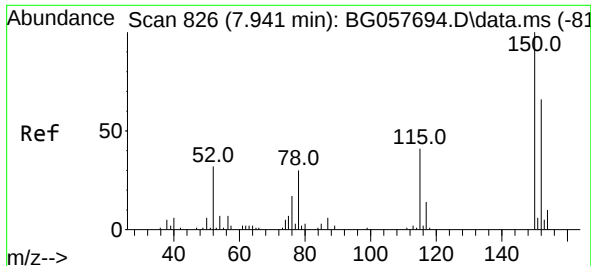
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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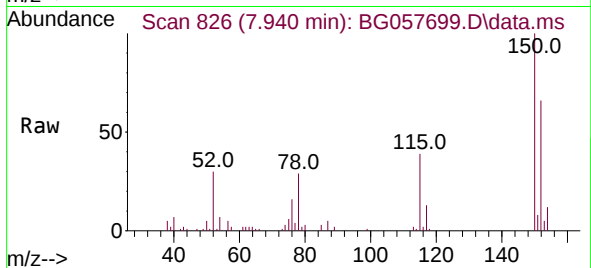
Quant Time: Jun 14 04:03:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
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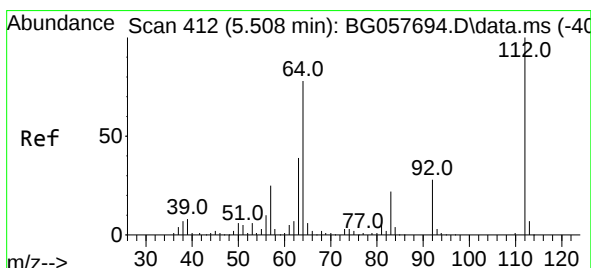
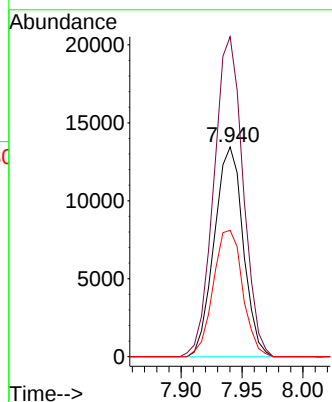
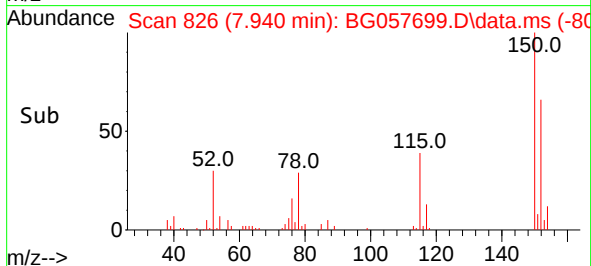


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057699.D
Acq: 13 Jun 2023 22:48

Instrument :
BNA_G
ClientSampleId :
PB153230BL

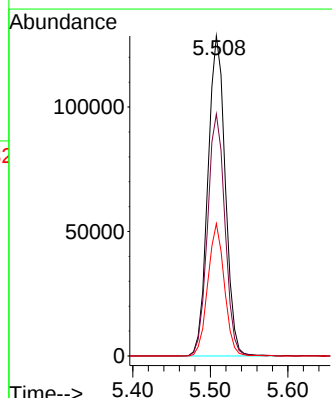
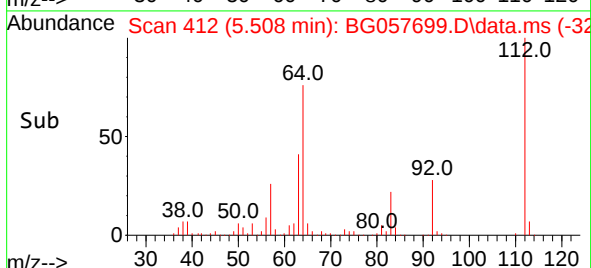
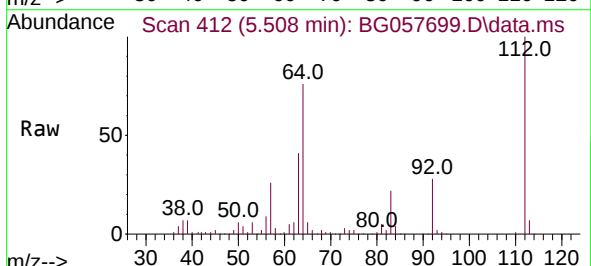


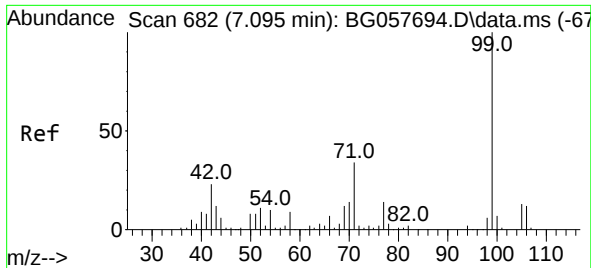
Tgt Ion:152 Resp: 22180
Ion Ratio Lower Upper
152 100
150 152.6 120.8 181.2
115 60.3 49.4 74.2



#5
2-Fluorophenol
Concen: 146.787 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG057699.D
Acq: 13 Jun 2023 22:48

Tgt Ion:112 Resp: 199948
Ion Ratio Lower Upper
112 100
64 75.6 62.3 93.5
63 41.4 31.5 47.3

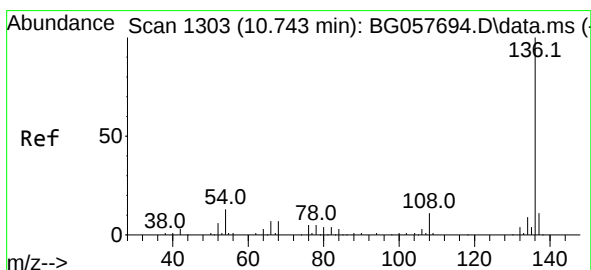
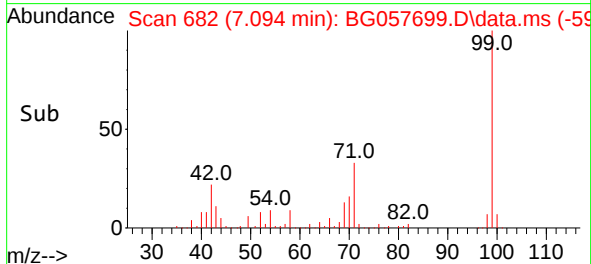
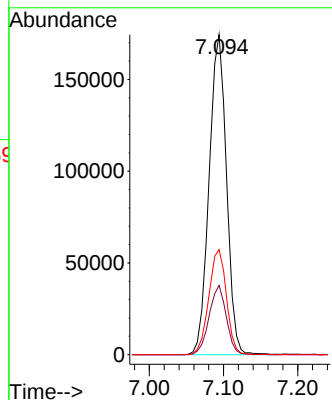
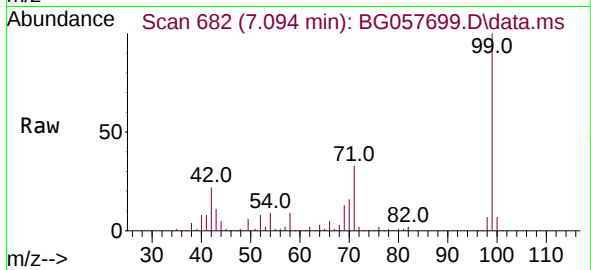




#7
Phenol-d6
Concen: 135.811 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057699.D
Acq: 13 Jun 2023 22:48

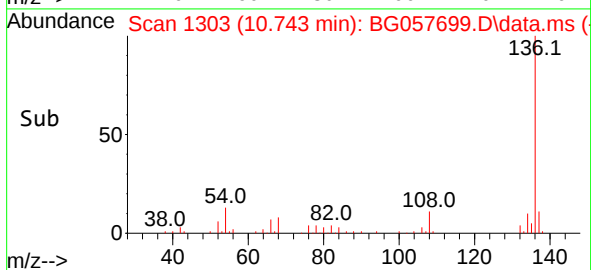
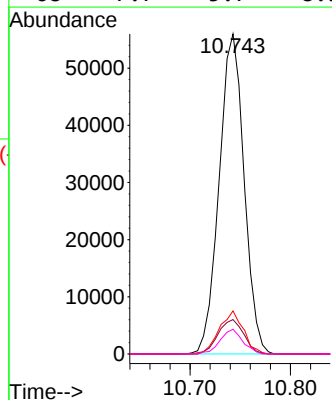
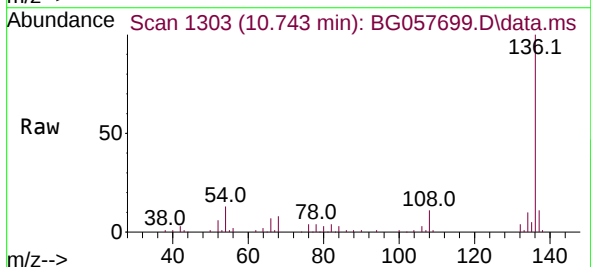
Instrument :
BNA_G
ClientSampleId :
PB153230BL

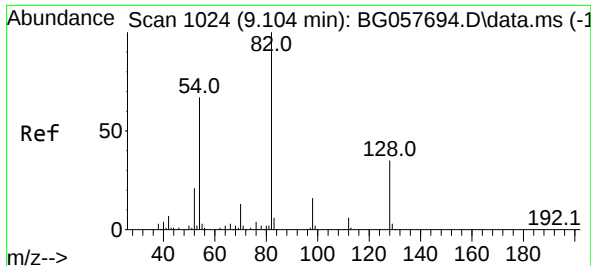
Tgt Ion: 99 Resp: 284200
Ion Ratio Lower Upper
99 100
42 21.7 18.3 27.5
71 32.9 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BG057699.D
Acq: 13 Jun 2023 22:48

Tgt Ion:136 Resp: 96395
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 13.4 10.8 16.2
68 7.7 5.7 8.5





#23

Nitrobenzene-d5

Concen: 89.319 ng

RT: 9.098 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BG057699.D

Acq: 13 Jun 2023 22:48

Instrument :

BNA_G

ClientSampleId :

PB153230BL

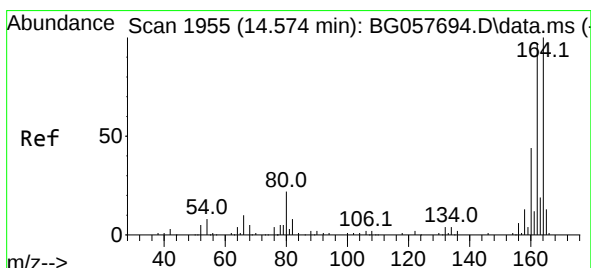
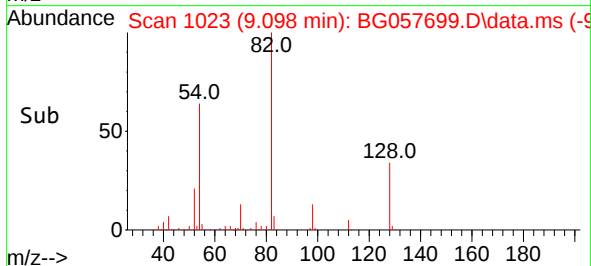
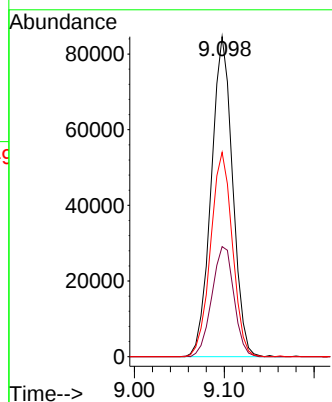
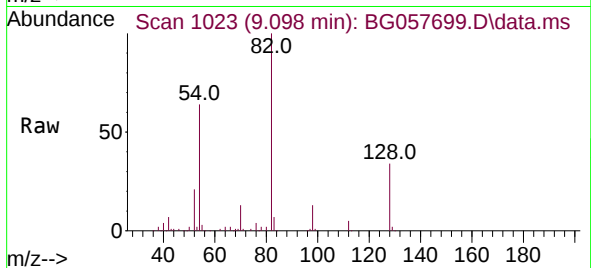
Tgt Ion: 82 Resp: 140069

Ion Ratio Lower Upper

82 100

128 34.4 27.7 41.5

54 63.9 53.8 80.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.000 min

Lab File: BG057699.D

Acq: 13 Jun 2023 22:48

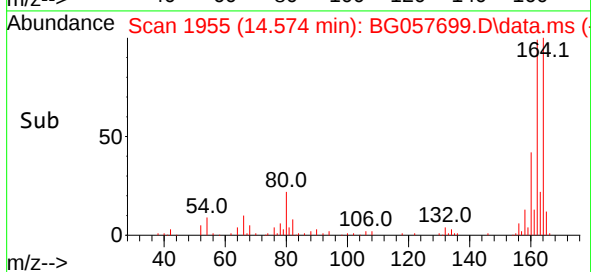
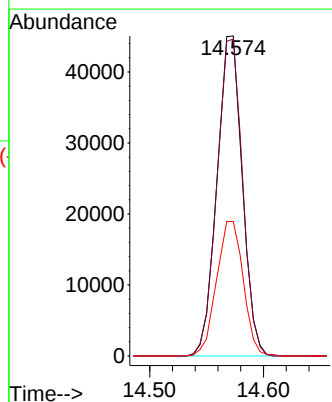
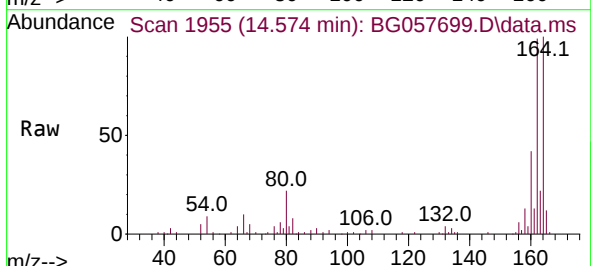
Tgt Ion:164 Resp: 69721

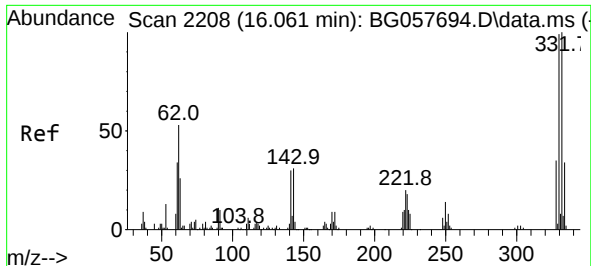
Ion Ratio Lower Upper

164 100

162 99.0 77.7 116.5

160 42.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 147.205 ng

RT: 16.054 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG057699.D

Acq: 13 Jun 2023 22:48

Instrument :

BNA_G

ClientSampleId :

PB153230BL

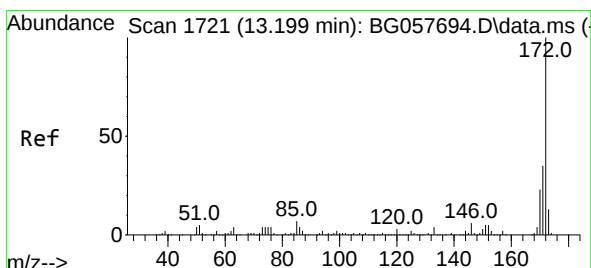
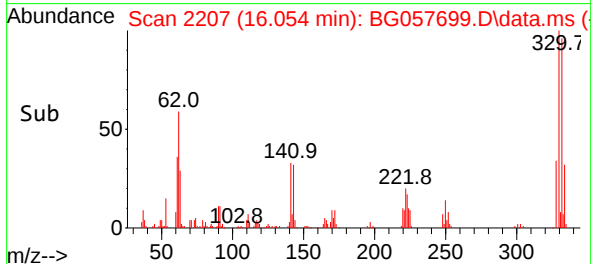
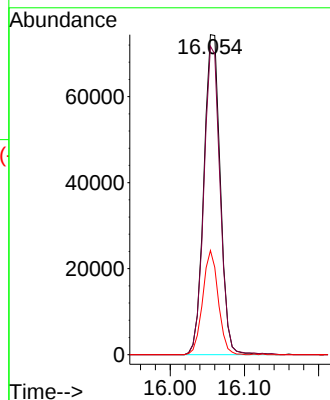
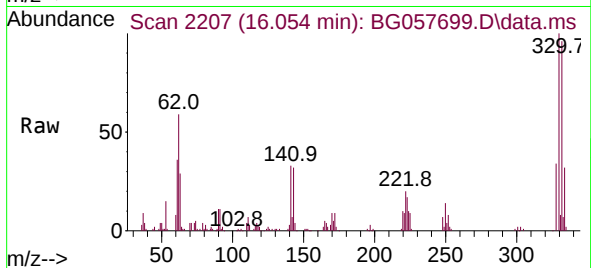
Tgt Ion:330 Resp: 114503

Ion Ratio Lower Upper

330 100

332 95.5 79.0 118.6

141 30.8 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 84.127 ng

RT: 13.199 min Scan# 1721

Delta R.T. -0.001 min

Lab File: BG057699.D

Acq: 13 Jun 2023 22:48

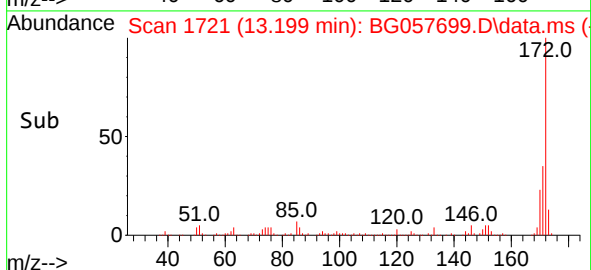
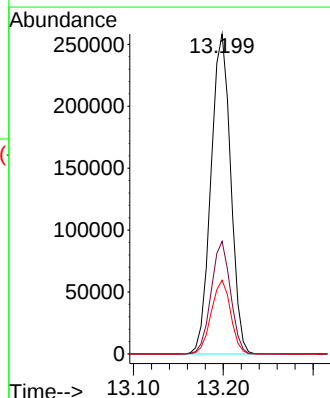
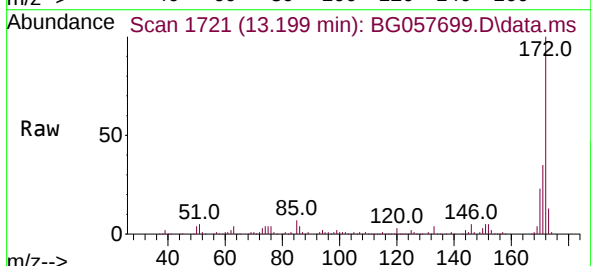
Tgt Ion:172 Resp: 393492

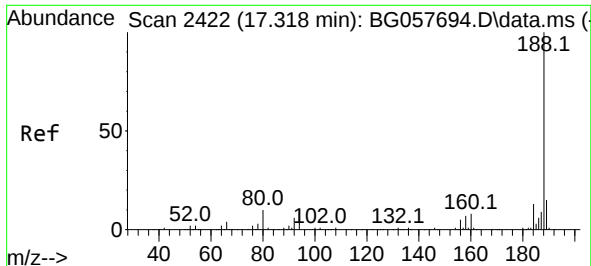
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.1 18.2 27.4

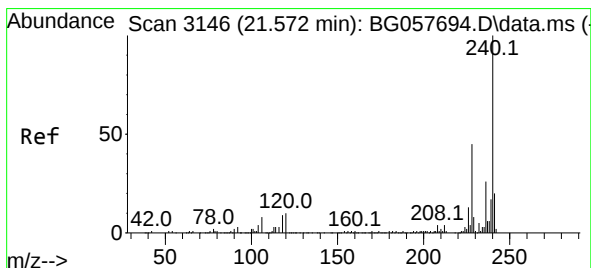
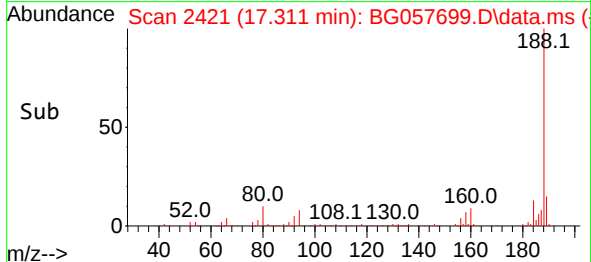
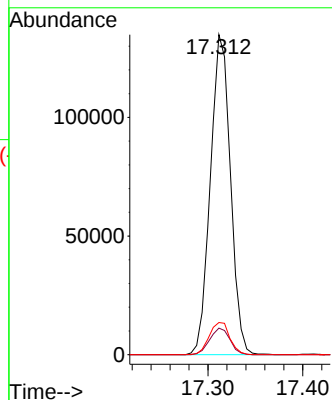
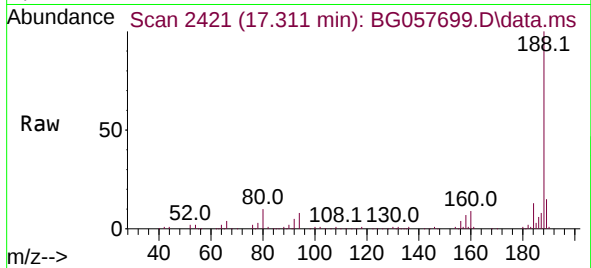




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG057699.D
Acq: 13 Jun 2023 22:48

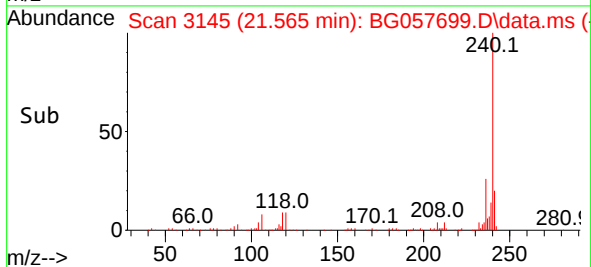
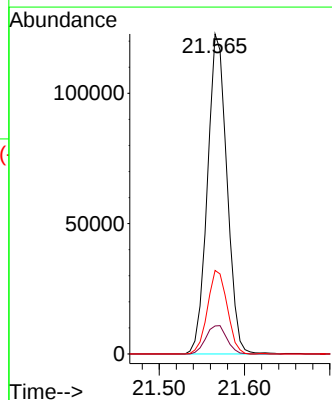
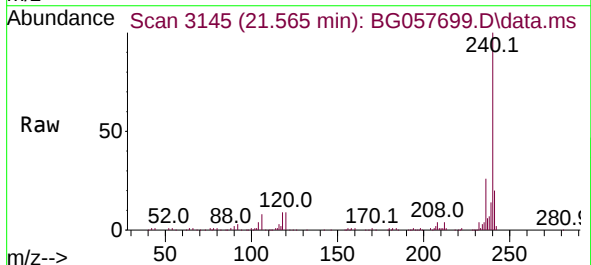
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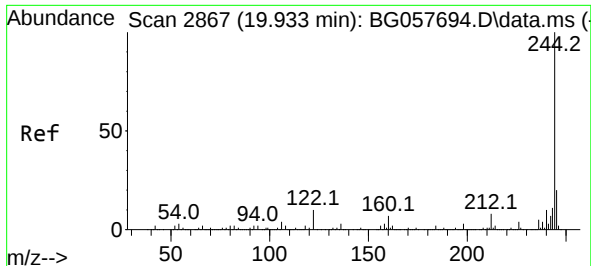
Tgt Ion:188 Resp: 198574
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 10.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057699.D
Acq: 13 Jun 2023 22:48

Tgt Ion:240 Resp: 194783
Ion Ratio Lower Upper
240 100
120 8.7 8.1 12.1
236 26.1 20.7 31.1

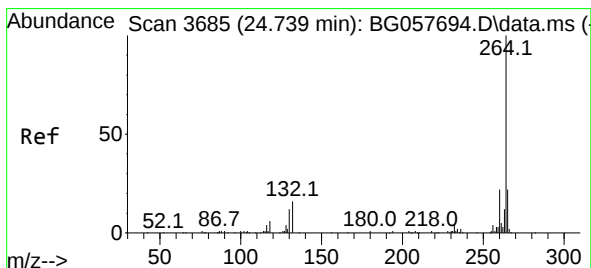
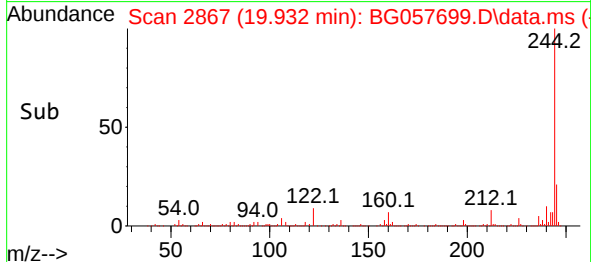
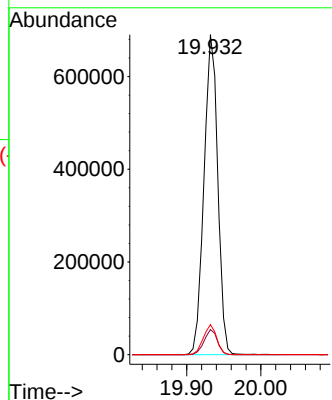
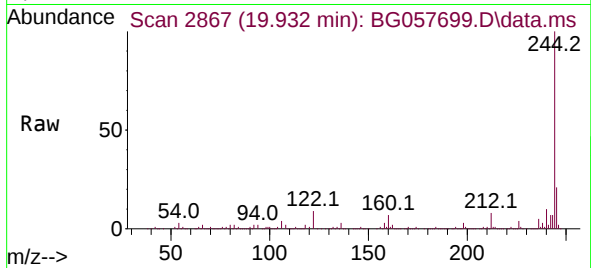




#79
 Terphenyl-d14
 Concen: 84.496 ng
 RT: 19.932 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057699.D
 Acq: 13 Jun 2023 22:48

Instrument :
 BNA_G
 ClientSampleId :
 PB153230BL

Tgt Ion:244 Resp: 890187
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 9.4 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: BG057699.D
 Acq: 13 Jun 2023 22:48

Tgt Ion:264 Resp: 227334
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.3 25.9
 265 21.9 17.5 26.3

