

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057720.D
 Acq On : 15 Jun 2023 11:46
 Operator : CG/JU
 Sample : PB153392TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153392TB

Quant Time: Jun 15 13:01:11 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	7.936	152	35635	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	149788	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	101820	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	258897	20.000	ng	0.00
76) Chrysene-d12	21.567	240	234655	20.000	ng	0.00
86) Perylene-d12	24.734	264	279291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	380571	173.897	ng	0.00
7) Phenol-d6	7.095	99	521732	155.183	ng	0.00
23) Nitrobenzene-d5	9.099	82	286528	112.989	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	204914	180.388	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	683188	100.016	ng	0.00
79) Terphenyl-d14	19.933	244	1267115	99.837	ng	0.00

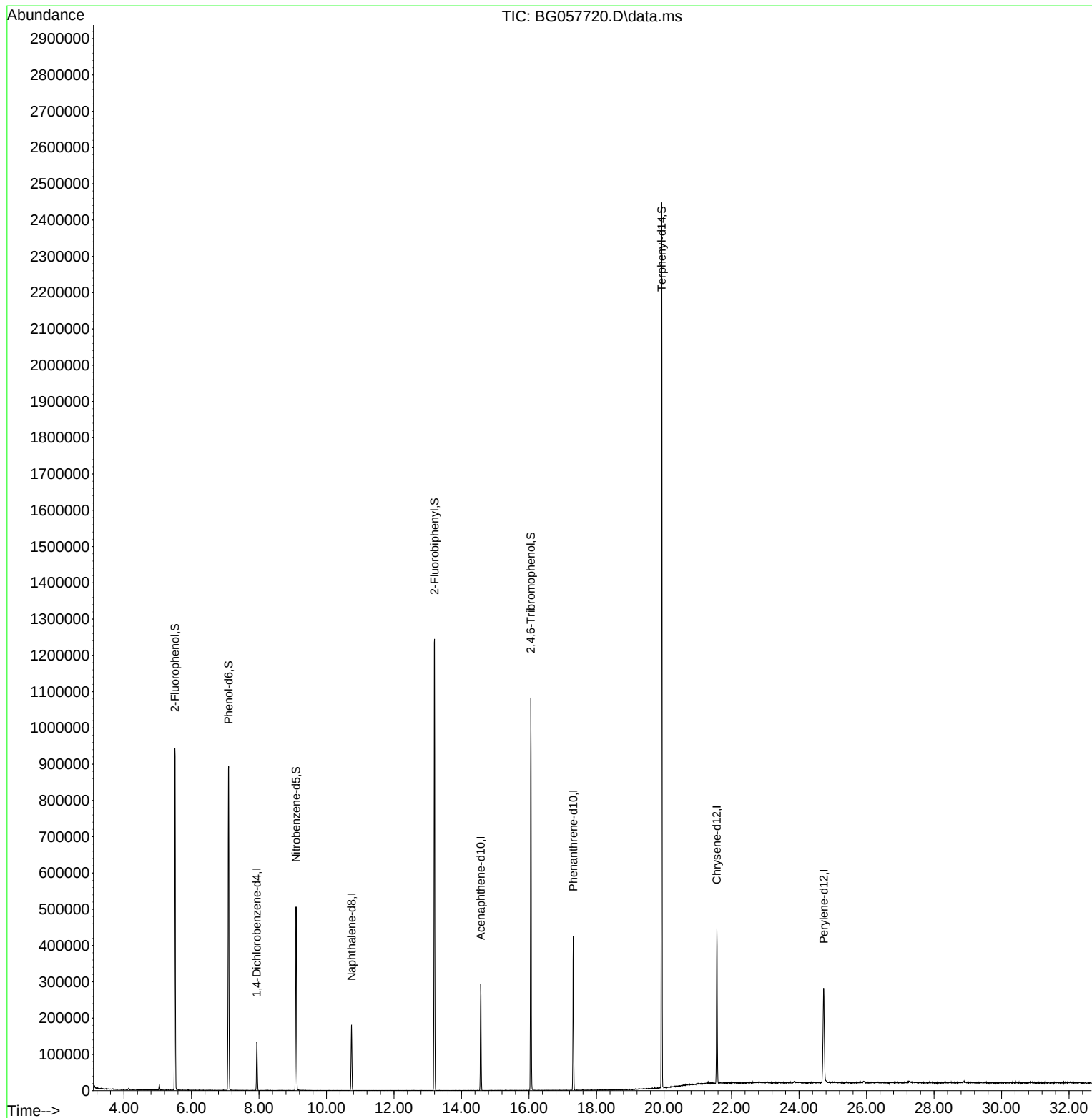
Target Compounds	Qvalue

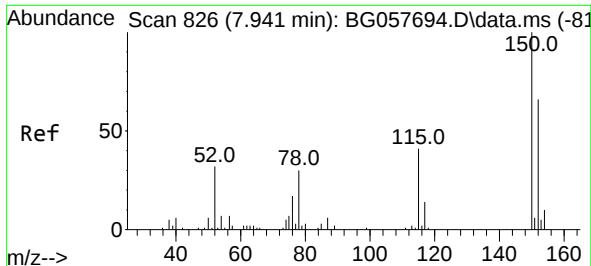
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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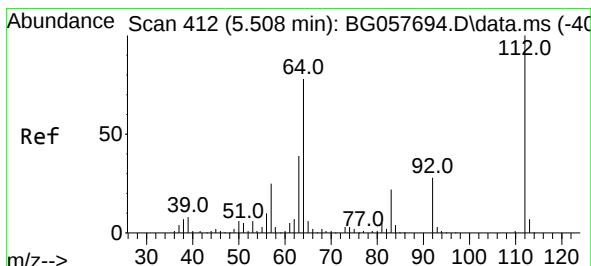
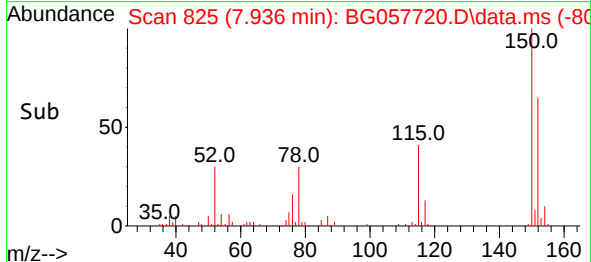
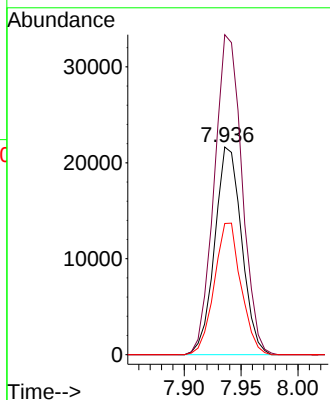
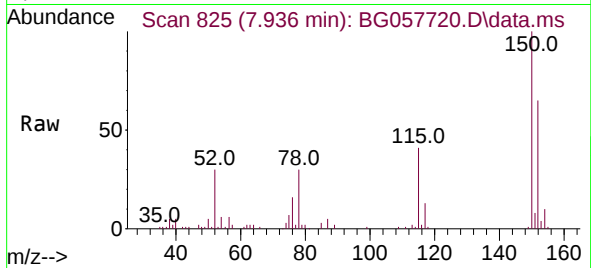




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

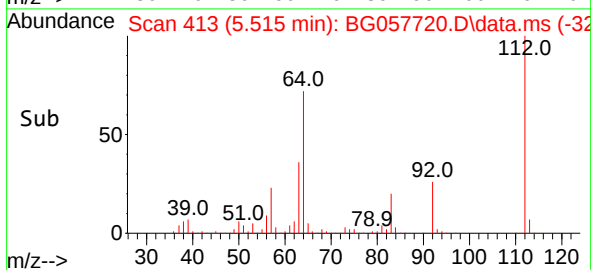
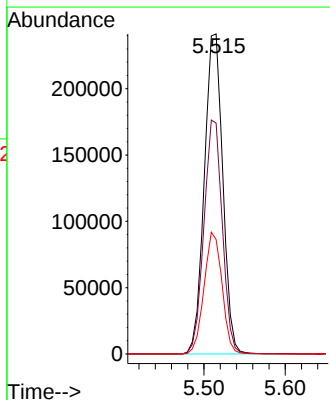
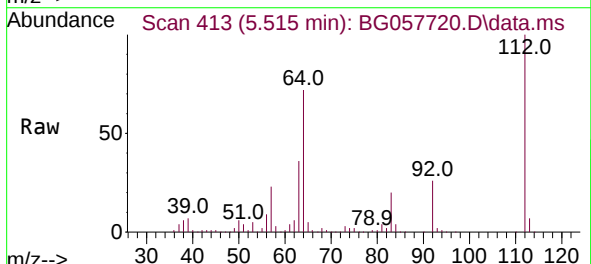
Instrument :
BNA_G
ClientSampleId :
PB153392TB

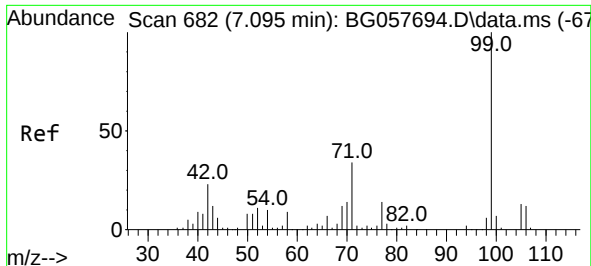
Tgt Ion:152 Resp: 35635
Ion Ratio Lower Upper
152 100
150 154.1 120.8 181.2
115 63.1 49.4 74.2



#5
2-Fluorophenol
Concen: 173.897 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.006 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

Tgt Ion:112 Resp: 380571
Ion Ratio Lower Upper
112 100
64 72.2 62.3 93.5
63 35.7 31.5 47.3

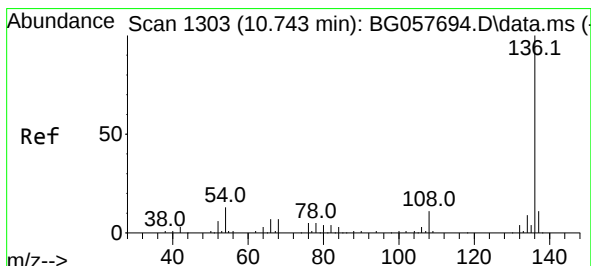
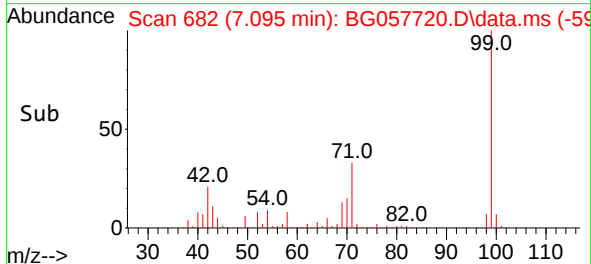
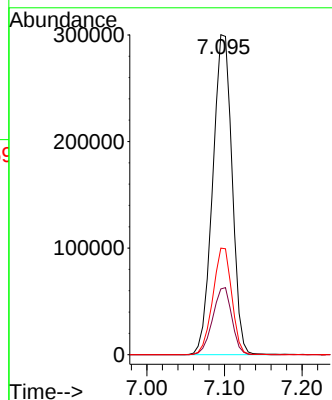
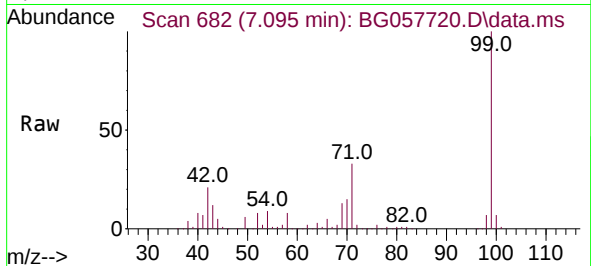




#7
Phenol-d6
Concen: 155.183 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

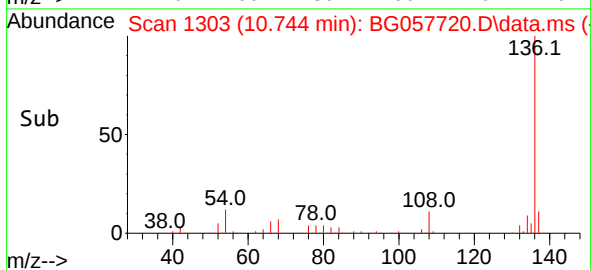
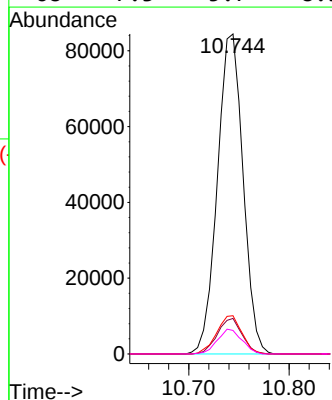
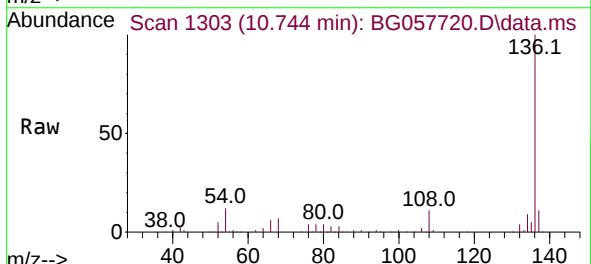
Instrument :
BNA_G
ClientSampleId :
PB153392TB

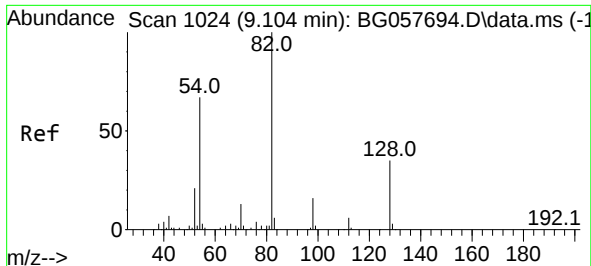
Tgt Ion: 99 Resp: 521732
Ion Ratio Lower Upper
99 100
42 20.5 18.3 27.5
71 33.3 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. 0.001 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

Tgt Ion:136 Resp: 149788
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 12.0 10.8 16.2
68 7.3 5.7 8.5





#23

Nitrobenzene-d5

Concen: 112.989 ng

RT: 9.099 min Scan# 1023

Delta R.T. -0.005 min

Lab File: BG057720.D

Acq: 15 Jun 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB153392TB

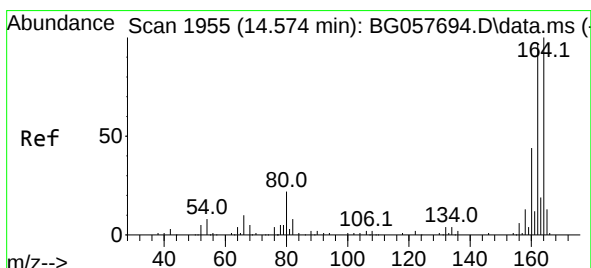
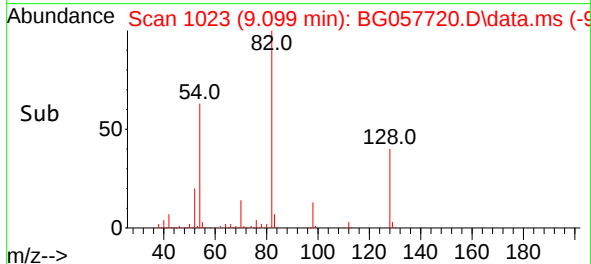
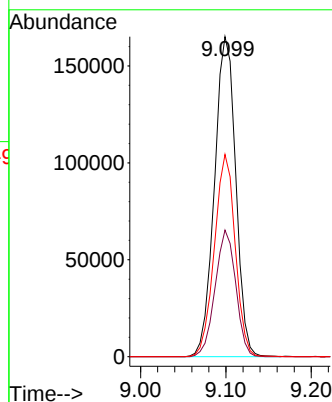
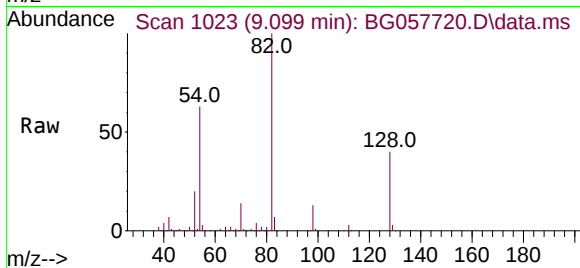
Tgt Ion: 82 Resp: 286528

Ion Ratio Lower Upper

82 100

128 39.5 27.7 41.5

54 63.2 53.8 80.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1954

Delta R.T. -0.005 min

Lab File: BG057720.D

Acq: 15 Jun 2023 11:46

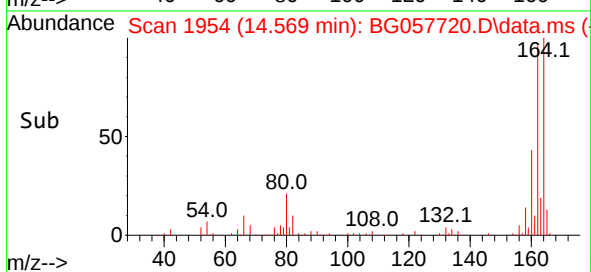
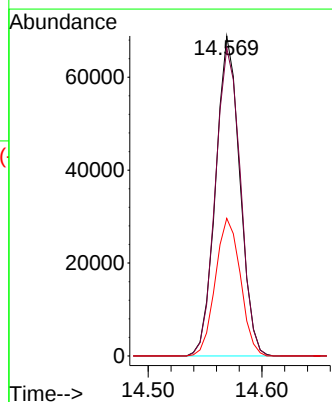
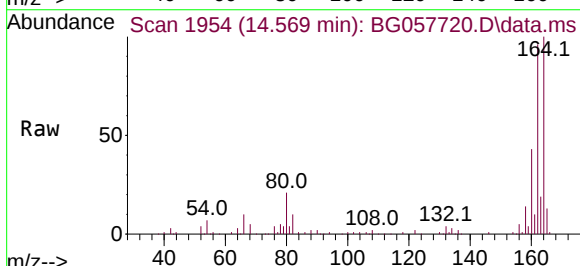
Tgt Ion:164 Resp: 101820

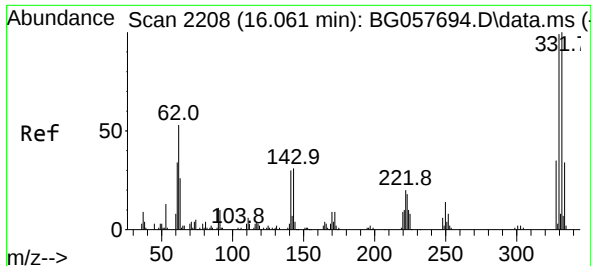
Ion Ratio Lower Upper

164 100

162 96.2 77.7 116.5

160 43.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 180.388 ng

RT: 16.055 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057720.D

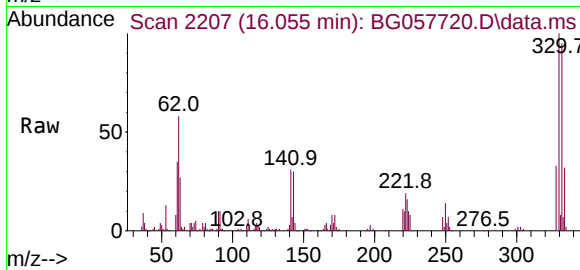
Acq: 15 Jun 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB153392TB



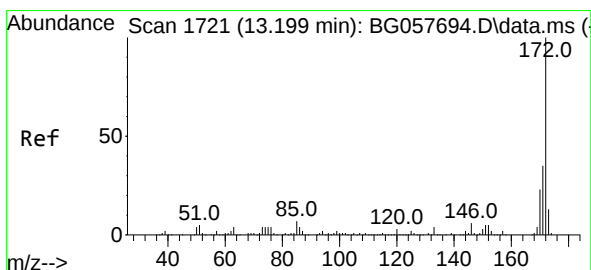
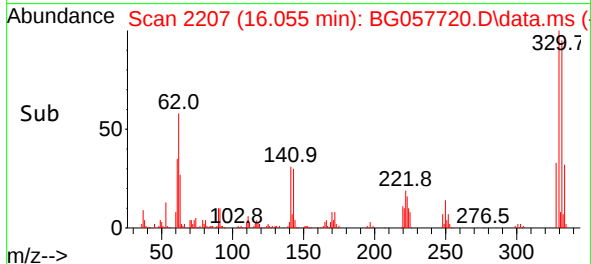
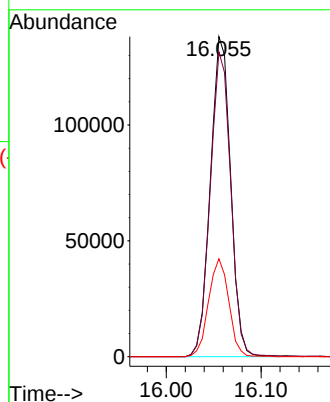
Tgt Ion:330 Resp: 204914

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.6

141 30.6 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 100.016 ng

RT: 13.200 min Scan# 1721

Delta R.T. 0.001 min

Lab File: BG057720.D

Acq: 15 Jun 2023 11:46

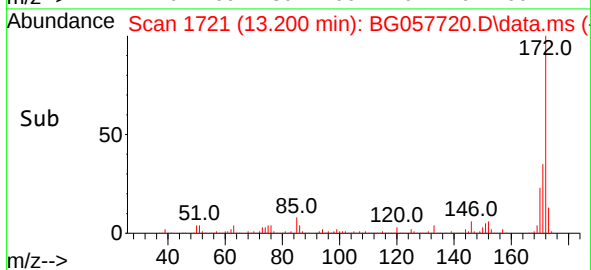
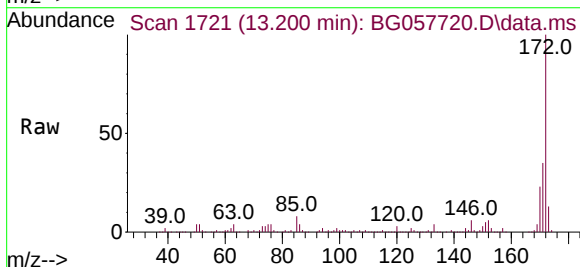
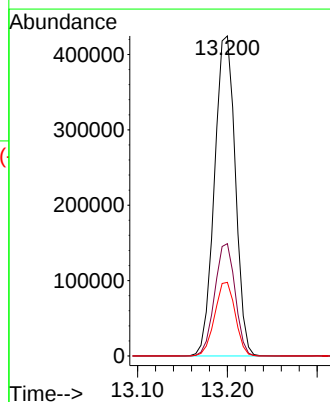
Tgt Ion:172 Resp: 683188

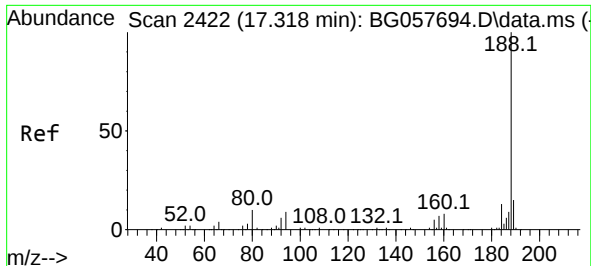
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.0 18.2 27.4

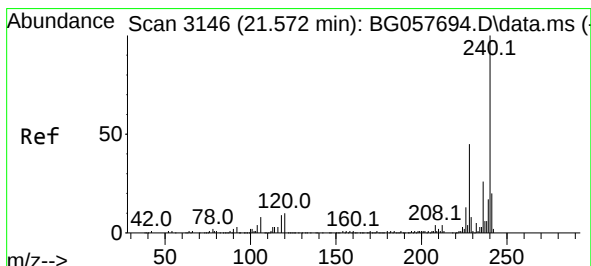
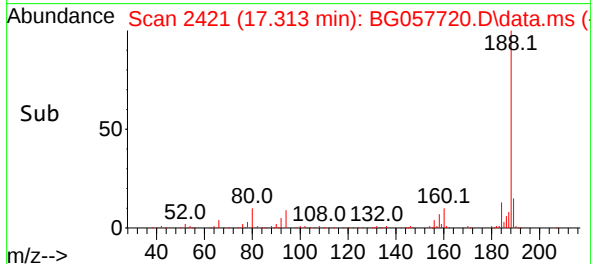
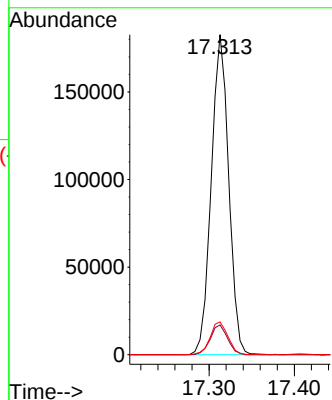
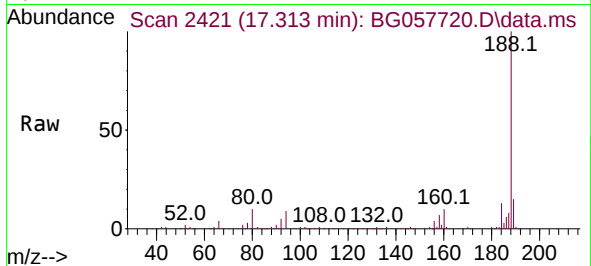




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

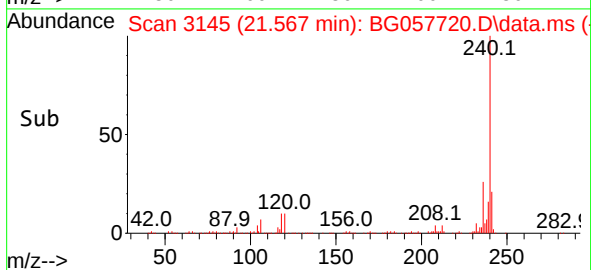
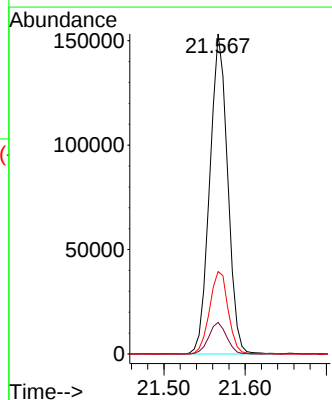
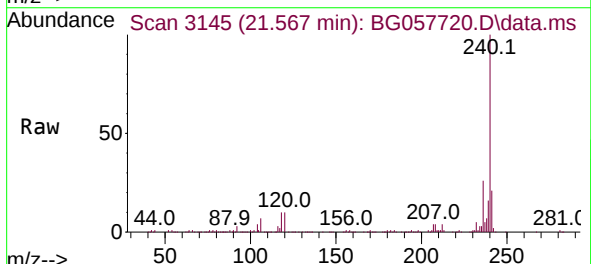
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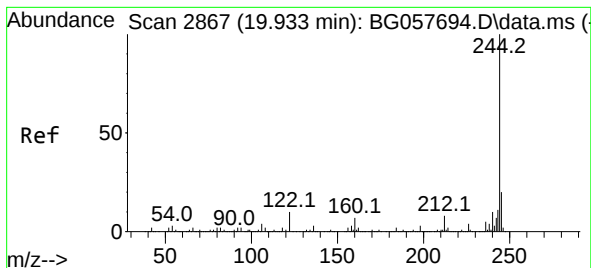
Tgt Ion:188 Resp: 258897
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

Tgt Ion:240 Resp: 234655
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 99.837 ng

RT: 19.933 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057720.D

Acq: 15 Jun 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB153392TB

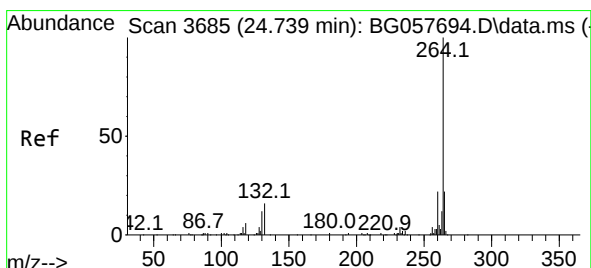
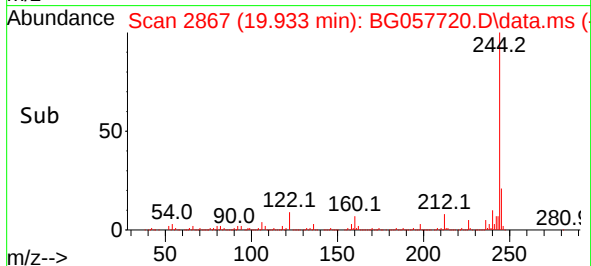
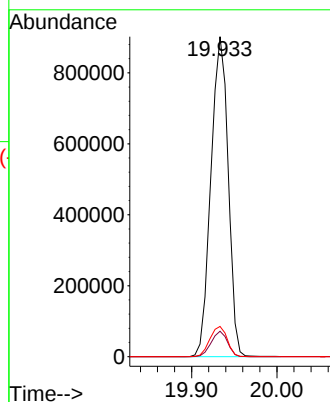
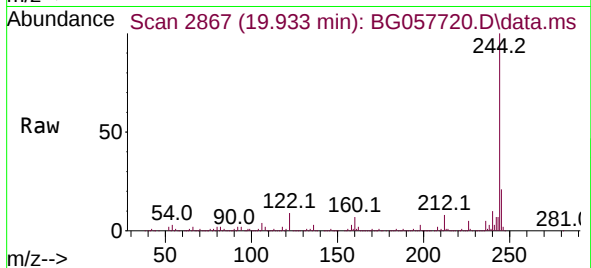
Tgt Ion:244 Resp: 1267115

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

122 9.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.734 min Scan# 3684

Delta R.T. -0.005 min

Lab File: BG057720.D

Acq: 15 Jun 2023 11:46

Tgt Ion:264 Resp: 279291

Ion Ratio Lower Upper

264 100

260 22.0 17.3 25.9

265 21.4 17.5 26.3

