

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
Data File : BG057053.D
Acq On : 11 Apr 2023 14:44
Operator : CG/JU
Sample : PB152037BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB152037BL

Quant Time: Apr 12 04:40:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	15783	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	64914	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	49614	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	129846	20.000	ng	0.00
76) Chrysene-d12	22.077	240	115046	20.000	ng	0.00
86) Perylene-d12	25.619	264	115952	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	155864	158.051	ng	0.00
7) Phenol-d6	7.538	99	220090	149.221	ng	0.00
23) Nitrobenzene-d5	9.588	82	136417	85.988	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	104975	132.444	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	317583	86.799	ng	0.00
79) Terphenyl-d14	20.332	244	661371	97.278	ng	0.00

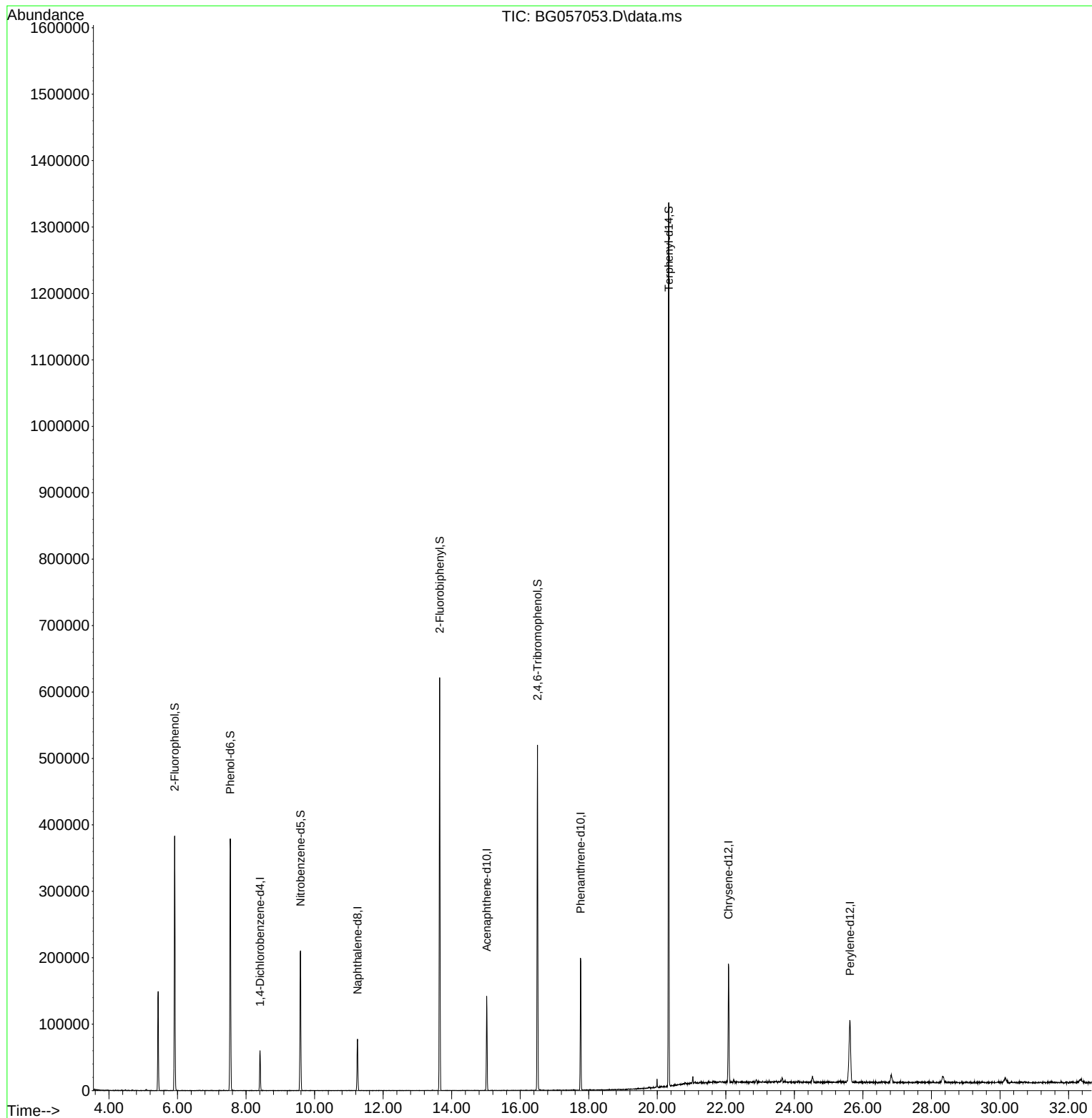
Target Compounds	Qvalue

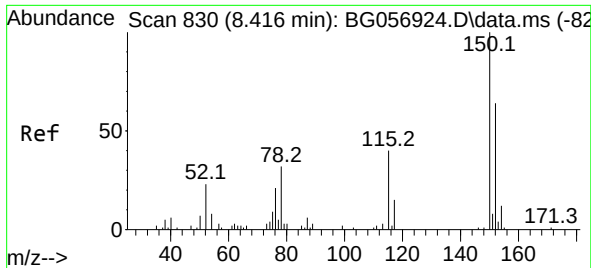
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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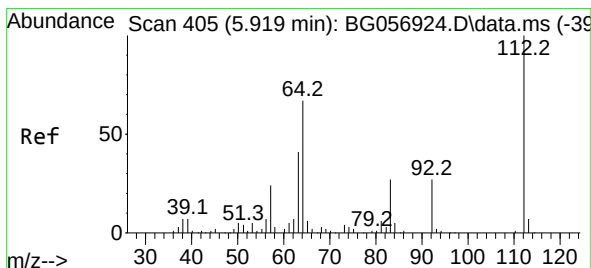
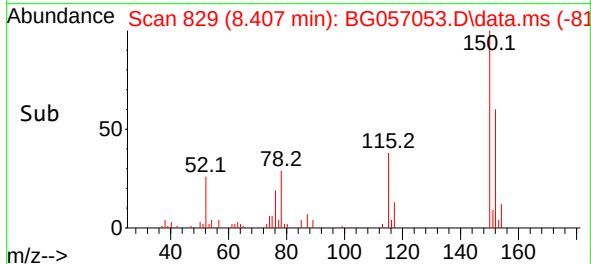
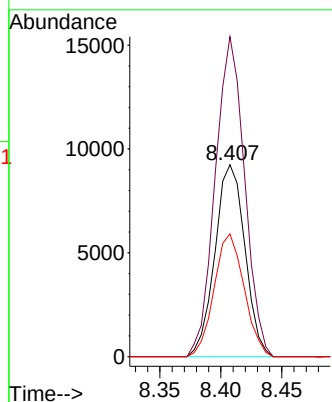
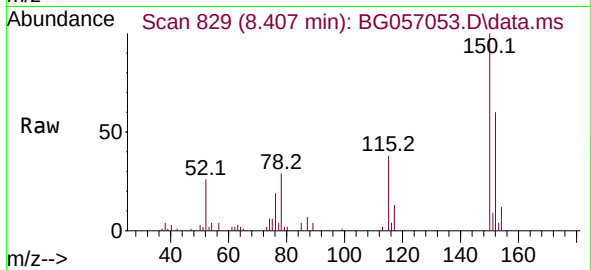




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

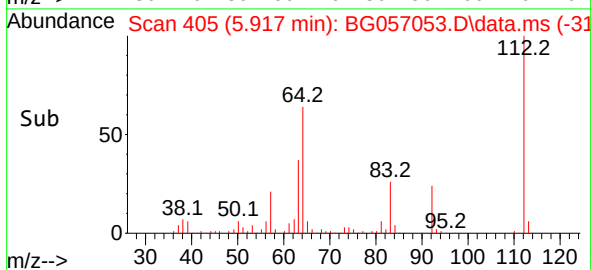
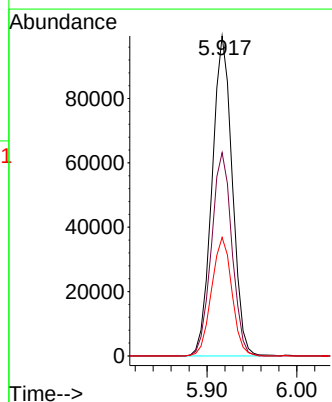
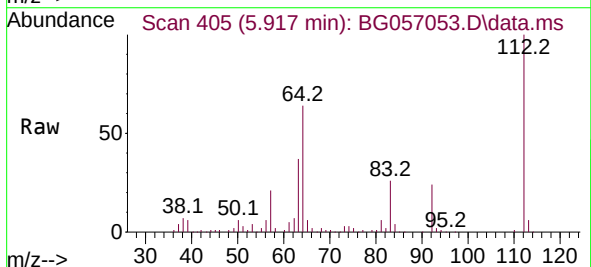
Instrument :
BNA_G
ClientSampleId :
PB152037BL

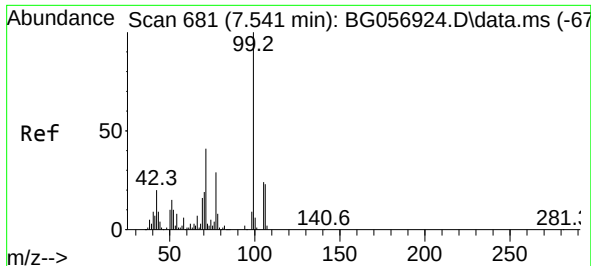
Tgt Ion:152 Resp: 15783
Ion Ratio Lower Upper
152 100
150 166.8 124.1 186.1
115 64.0 49.1 73.7



#5
2-Fluorophenol
Concen: 158.051 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.000 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

Tgt Ion:112 Resp: 155864
Ion Ratio Lower Upper
112 100
64 63.5 53.2 79.8
63 37.0 32.6 48.8

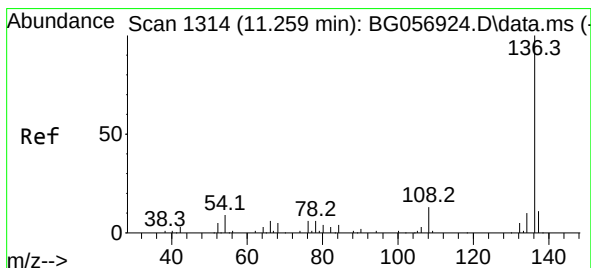
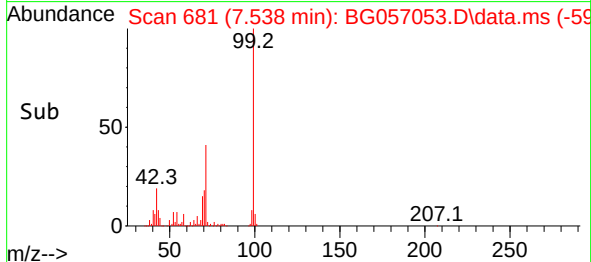
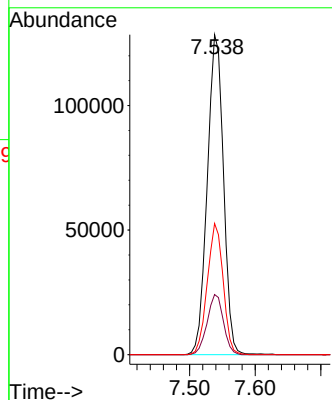
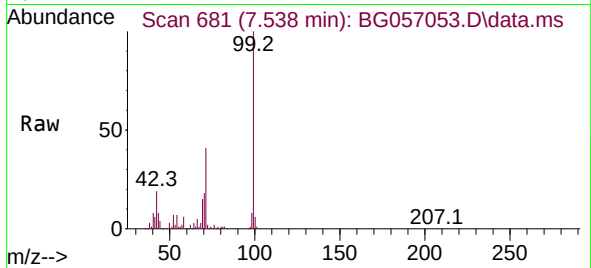




#7
Phenol-d6
Concen: 149.221 ng
RT: 7.538 min Scan# 681
Delta R.T. -0.000 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

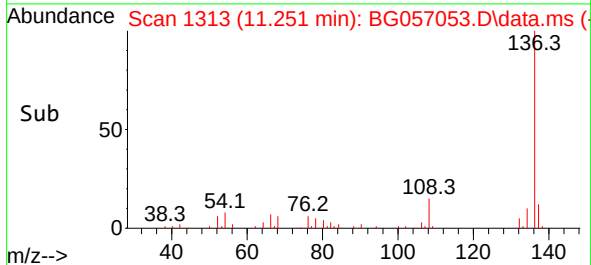
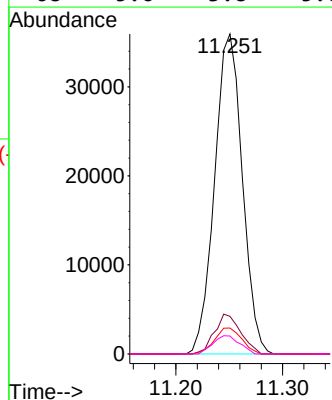
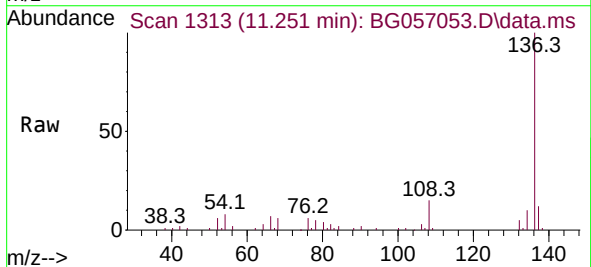
Instrument :
BNA_G
ClientSampleId :
PB152037BL

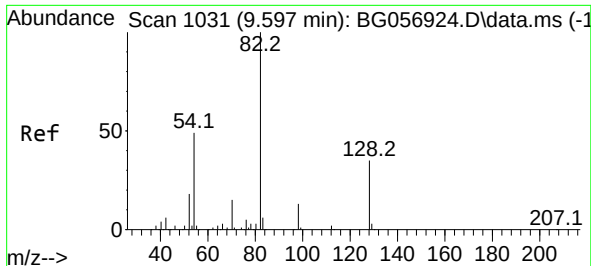
Tgt Ion: 99 Resp: 220090
Ion Ratio Lower Upper
99 100
42 18.8 15.7 23.5
71 41.0 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.251 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

Tgt Ion: 136 Resp: 64914
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 8.1 6.9 10.3
68 5.6 3.8 5.6





#23

Nitrobenzene-d5

Concen: 85.988 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BG057053.D

Acq: 11 Apr 2023 14:44

Instrument :

BNA_G

ClientSampleId :

PB152037BL

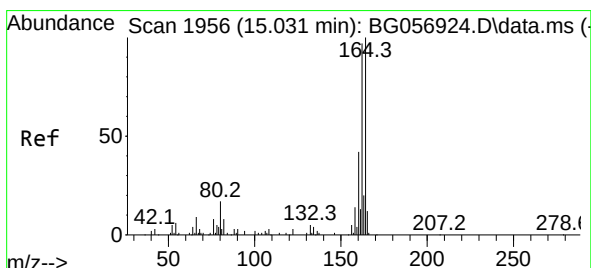
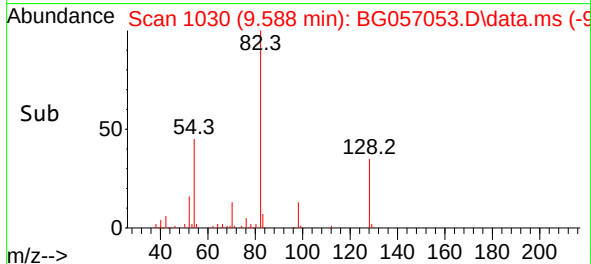
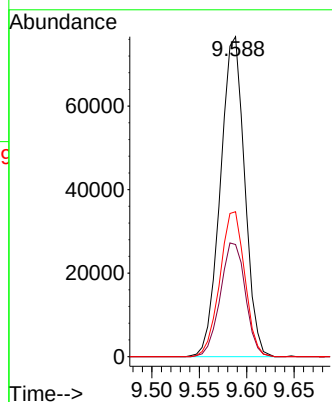
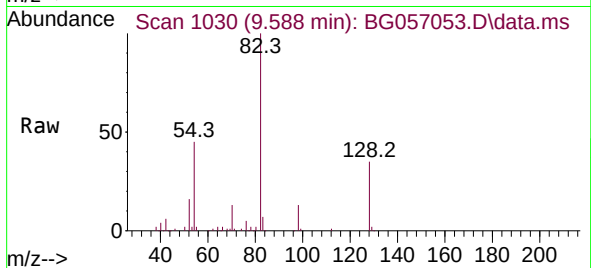
Tgt Ion: 82 Resp: 136417

Ion Ratio Lower Upper

82 100

128 35.0 27.9 41.9

54 45.3 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.000 min

Lab File: BG057053.D

Acq: 11 Apr 2023 14:44

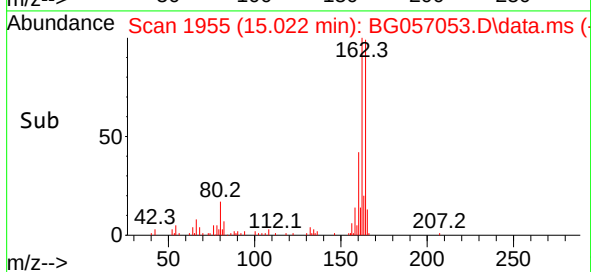
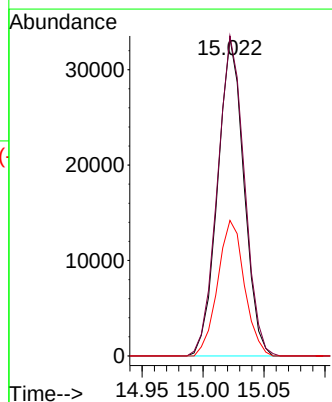
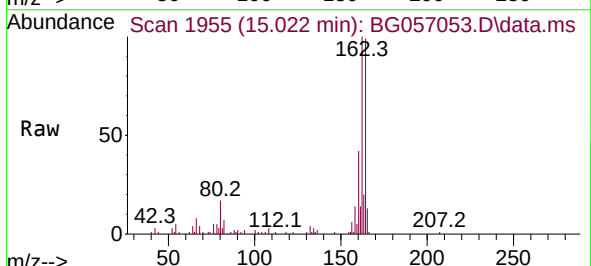
Tgt Ion: 164 Resp: 49614

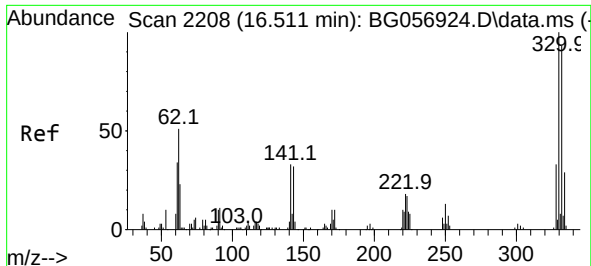
Ion Ratio Lower Upper

164 100

162 100.7 77.8 116.8

160 42.7 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 132.444 ng

RT: 16.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057053.D

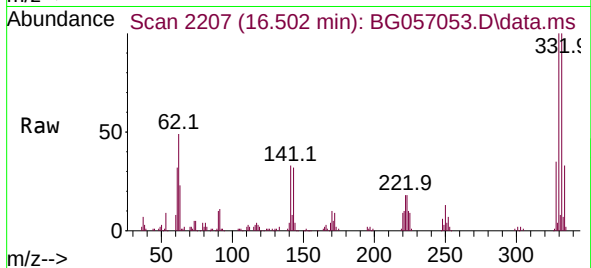
Acq: 11 Apr 2023 14:44

Instrument :

BNA_G

ClientSampleId :

PB152037BL



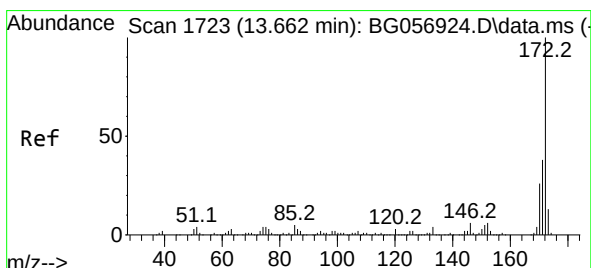
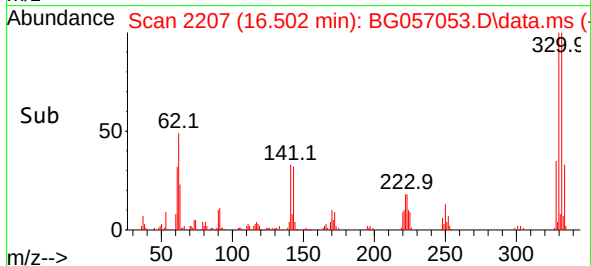
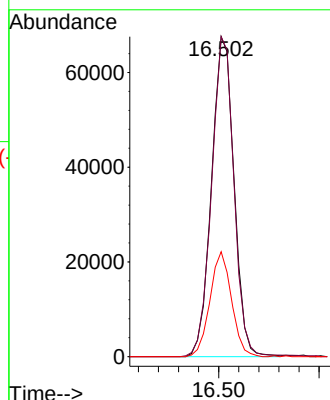
Tgt Ion:330 Resp: 104975

Ion Ratio Lower Upper

330 100

332 99.5 76.1 114.1

141 31.4 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 86.799 ng

RT: 13.647 min Scan# 1721

Delta R.T. -0.000 min

Lab File: BG057053.D

Acq: 11 Apr 2023 14:44

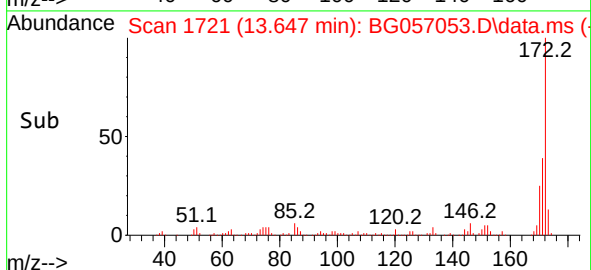
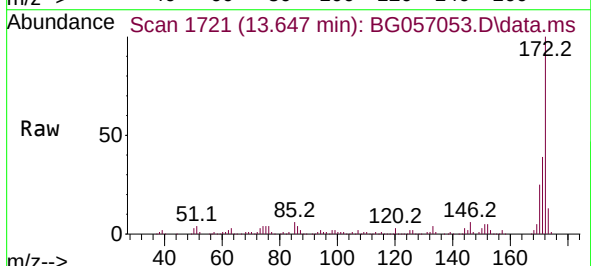
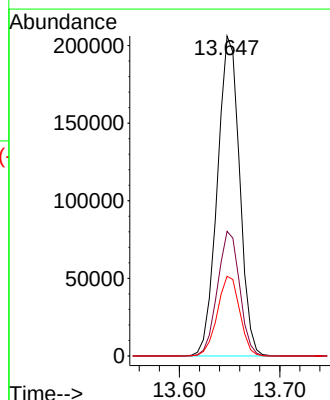
Tgt Ion:172 Resp: 317583

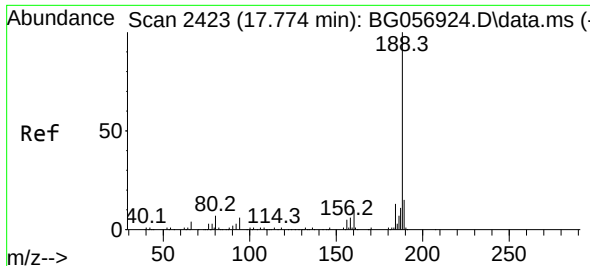
Ion Ratio Lower Upper

172 100

171 38.9 30.6 46.0

170 24.9 20.6 30.8

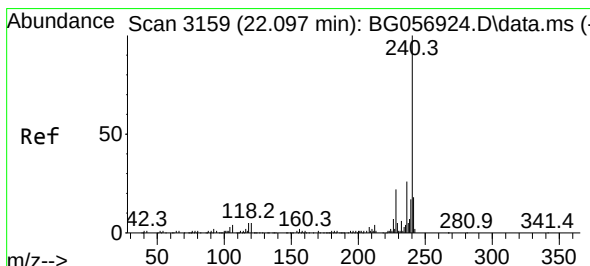
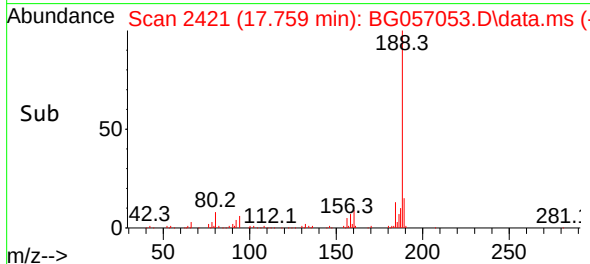
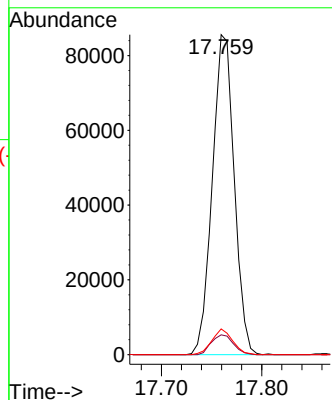
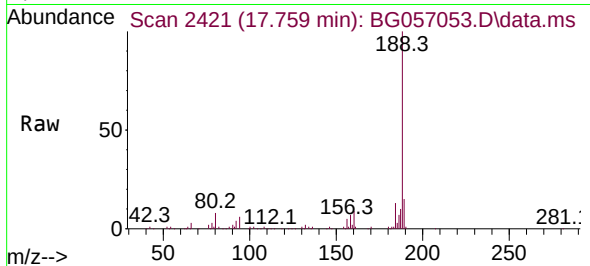




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.759 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

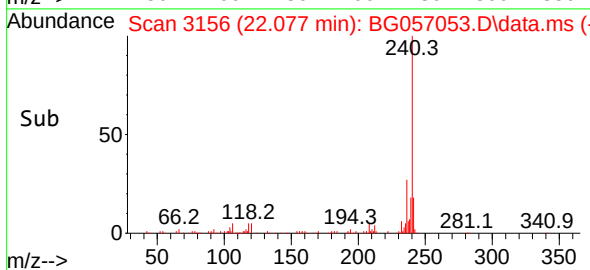
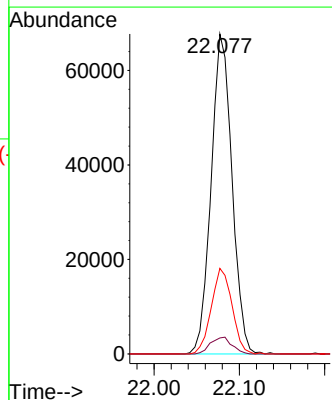
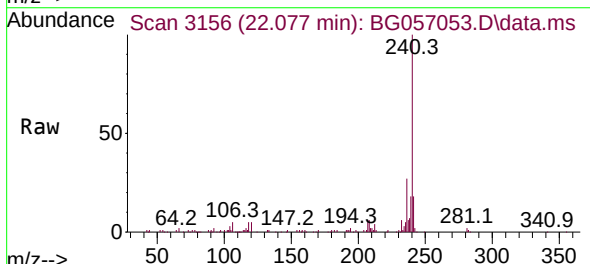
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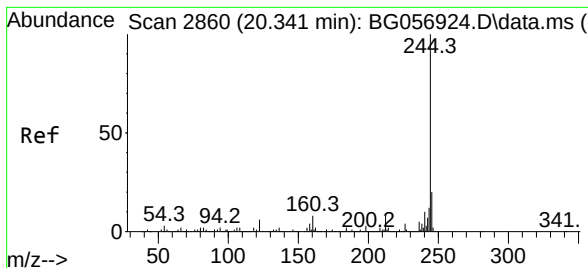
Tgt Ion:188 Resp: 129846
Ion Ratio Lower Upper
188 100
94 6.2 4.6 6.8
80 8.0 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.077 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

Tgt Ion:240 Resp: 115046
Ion Ratio Lower Upper
240 100
120 5.0 3.8 5.6
236 26.7 21.0 31.6





#79

Terphenyl-d14

Concen: 97.278 ng

RT: 20.332 min Scan# 2860

Delta R.T. 0.006 min

Lab File: BG057053.D

Acq: 11 Apr 2023 14:44

Instrument :

BNA_G

ClientSampleId :

PB152037BL

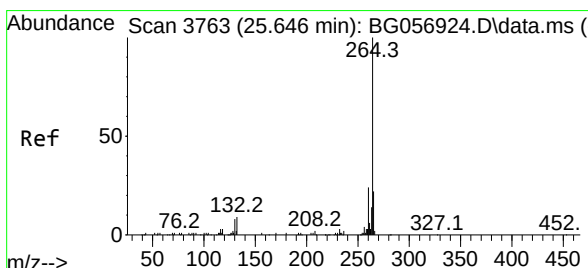
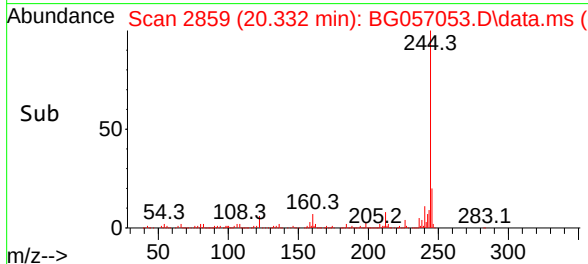
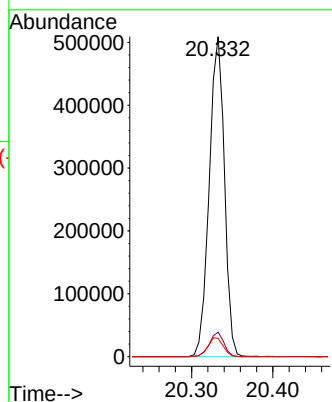
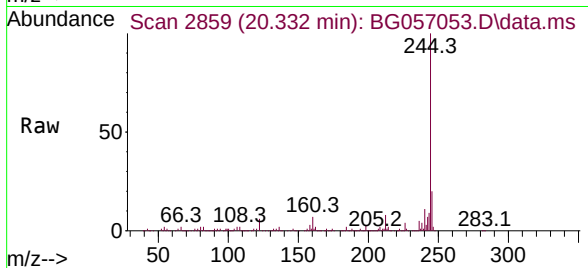
Tgt Ion:244 Resp: 661371

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 5.7 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.619 min Scan# 3759

Delta R.T. -0.012 min

Lab File: BG057053.D

Acq: 11 Apr 2023 14:44

Tgt Ion:264 Resp: 115952

Ion Ratio Lower Upper

264 100

260 25.6 19.0 28.4

265 21.4 17.8 26.6

