

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
 Data File : BG057161.D
 Acq On : 24 Apr 2023 21:32
 Operator : CG/JU
 Sample : PB152179BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152179BL

Quant Time: Apr 25 05:19:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.386	152	21896	20.000	ng	0.00
21) Naphthalene-d8	11.223	136	91571	20.000	ng	0.00
39) Acenaphthene-d10	15.000	164	67711	20.000	ng	0.00
64) Phenanthrene-d10	17.738	188	177763	20.000	ng	0.00
76) Chrysene-d12	22.056	240	165163	20.000	ng	0.00
86) Perylene-d12	25.574	264	169634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.901	112	201012	166.363	ng	0.00
7) Phenol-d6	7.522	99	280318	160.346	ng	0.00
23) Nitrobenzene-d5	9.567	82	179382	96.843	ng	0.00
42) 2,4,6-Tribromophenol	16.481	330	112198	125.587	ng	0.00
45) 2-Fluorobiphenyl	13.626	172	434201	86.179	ng	0.00
79) Terphenyl-d14	20.311	244	885664	93.794	ng	0.00

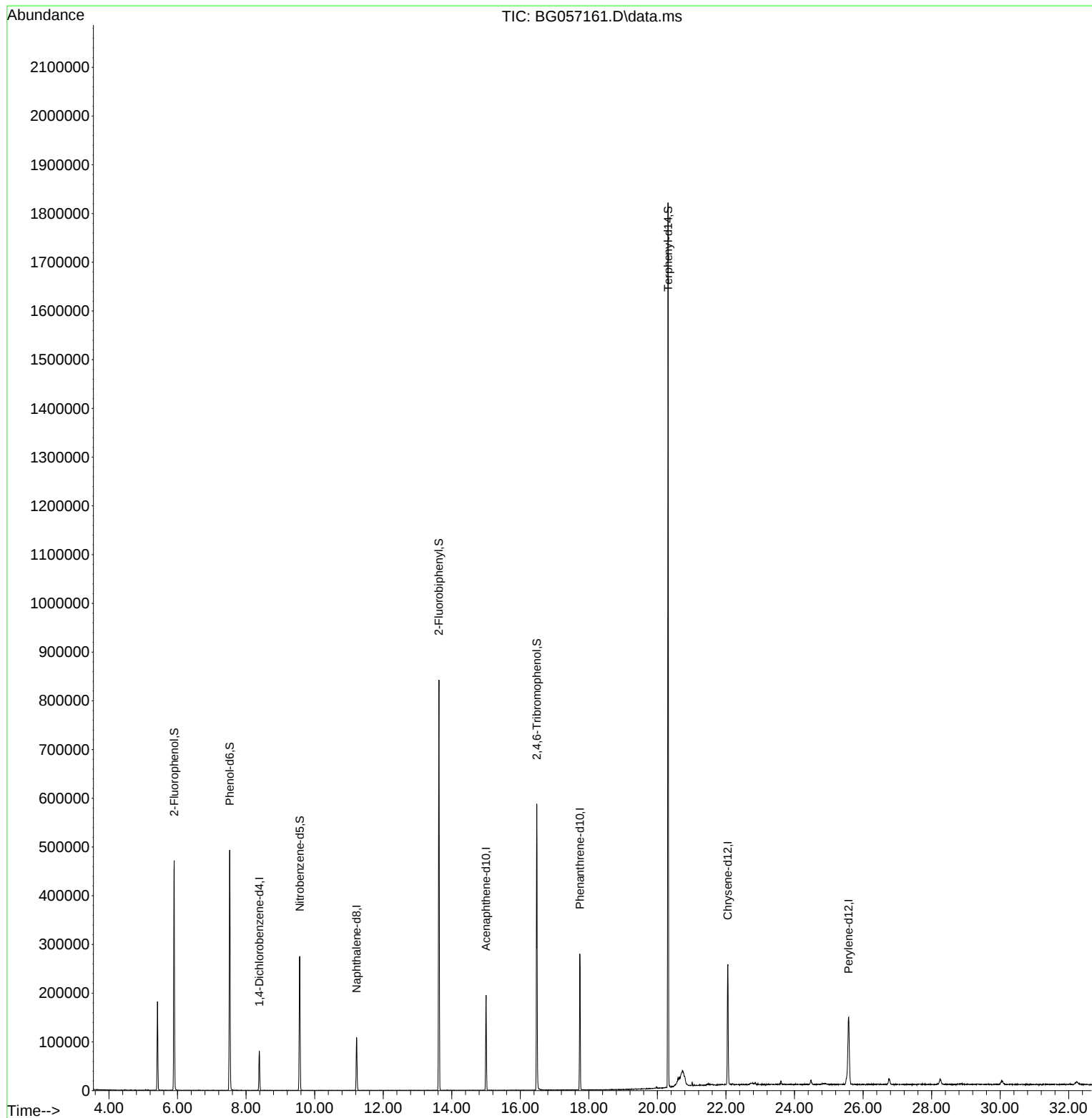
Target Compounds	Qvalue

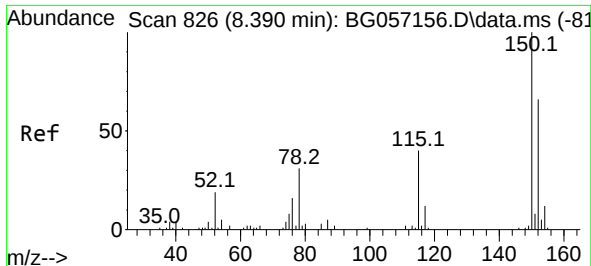
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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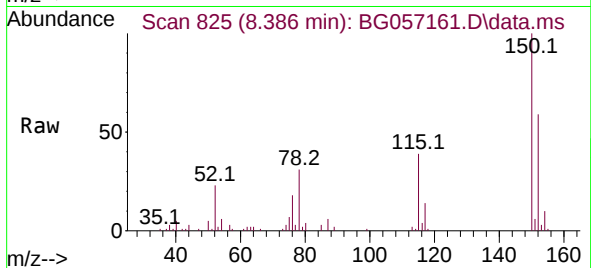
Quant Time: Apr 25 05:19:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
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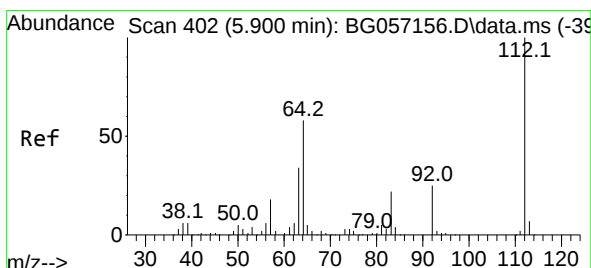
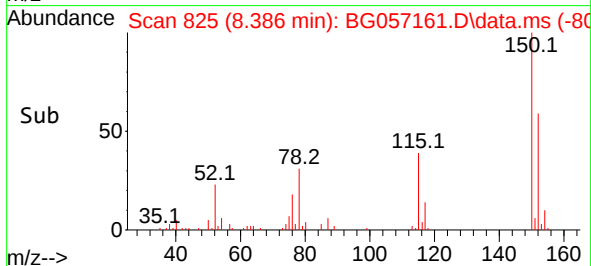
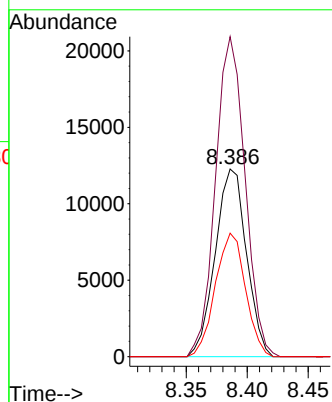


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.386 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057161.D
Acq: 24 Apr 2023 21:32

Instrument :
BNA_G
ClientSampleId :
PB152179BL

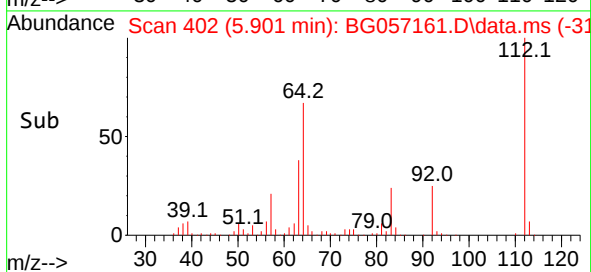
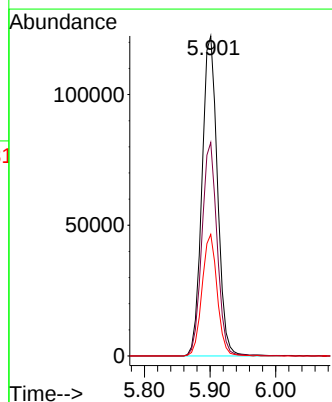
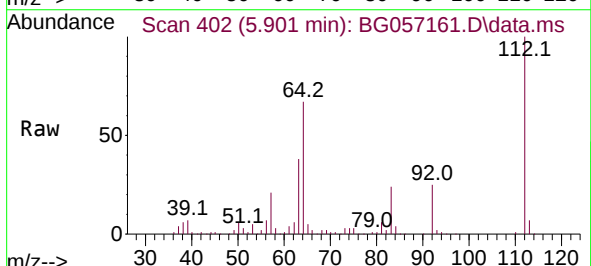


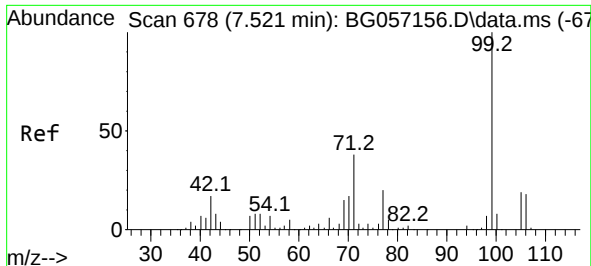
Tgt Ion:152 Resp: 21896
Ion Ratio Lower Upper
152 100
150 170.5 121.4 182.2
115 65.8 48.1 72.1



#5
2-Fluorophenol
Concen: 166.363 ng
RT: 5.901 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG057161.D
Acq: 24 Apr 2023 21:32

Tgt Ion:112 Resp: 201012
Ion Ratio Lower Upper
112 100
64 66.7 46.7 70.1
63 38.0 26.9 40.3

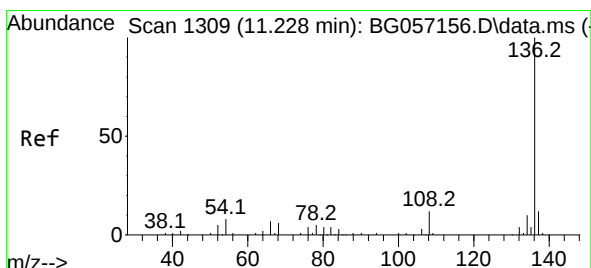
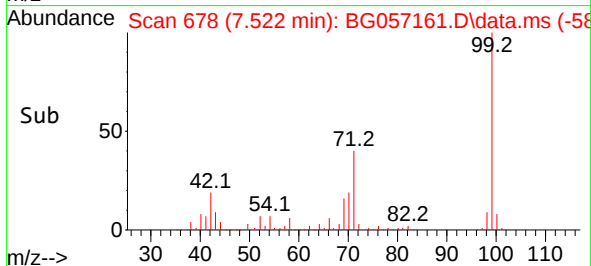
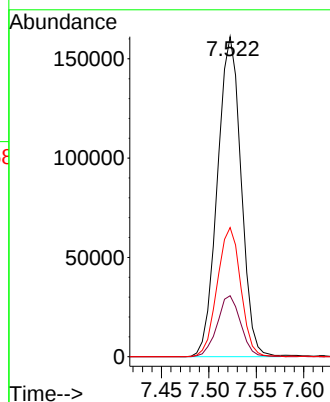
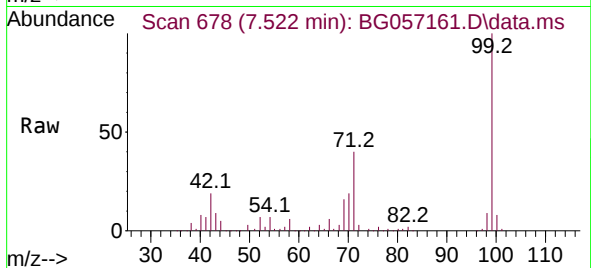




#7
Phenol-d6
Concen: 160.346 ng
RT: 7.522 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057161.D
Acq: 24 Apr 2023 21:32

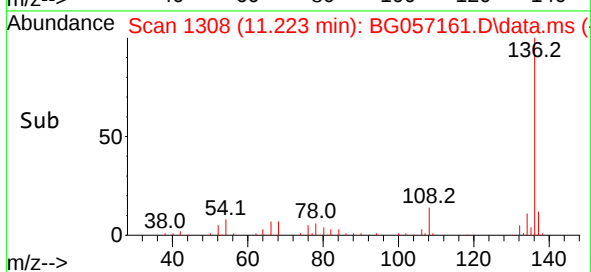
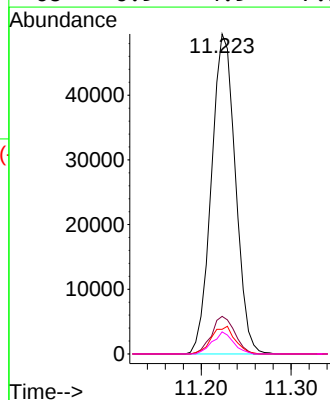
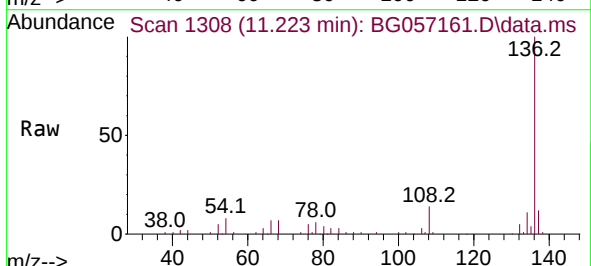
Instrument :
BNA_G
ClientSampleId :
PB152179BL

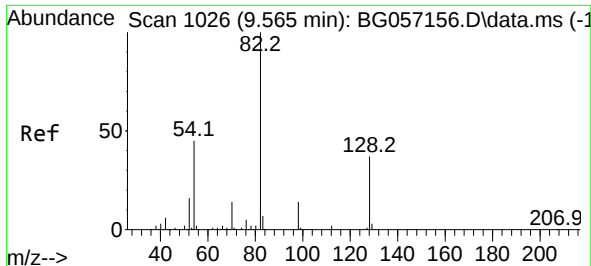
Tgt Ion: 99 Resp: 280318
Ion Ratio Lower Upper
99 100
42 19.1 13.4 20.0
71 40.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.223 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG057161.D
Acq: 24 Apr 2023 21:32

Tgt Ion:136 Resp: 91571
Ion Ratio Lower Upper
136 100
137 11.8 9.5 14.3
54 7.7 6.4 9.6
68 6.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 96.843 ng

RT: 9.567 min Scan# 1026

Delta R.T. 0.002 min

Lab File: BG057161.D

Acq: 24 Apr 2023 21:32

Instrument :

BNA_G

ClientSampleId :

PB152179BL

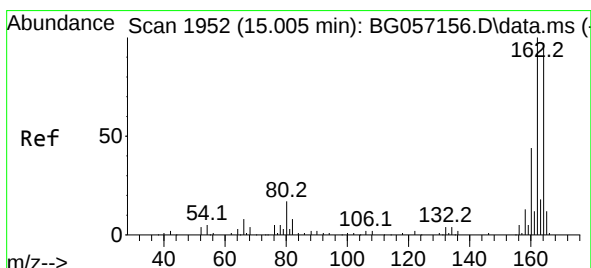
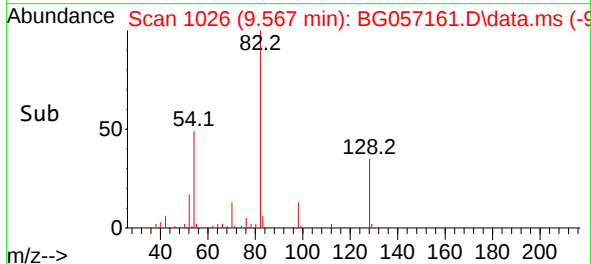
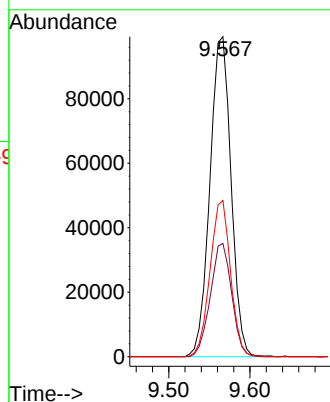
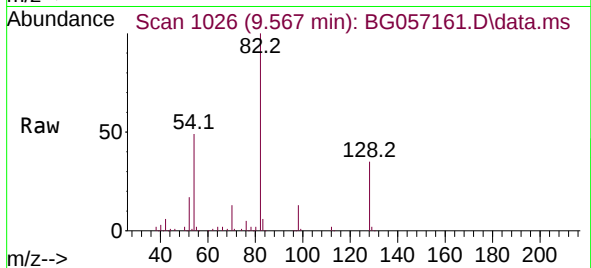
Tgt Ion: 82 Resp: 179382

Ion Ratio Lower Upper

82 100

128 35.4 29.4 44.2

54 48.8 36.2 54.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.000 min Scan# 1951

Delta R.T. -0.004 min

Lab File: BG057161.D

Acq: 24 Apr 2023 21:32

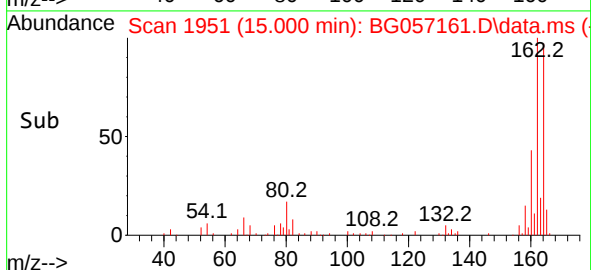
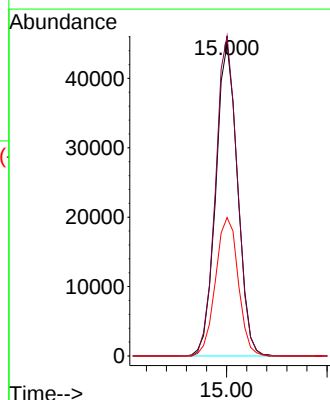
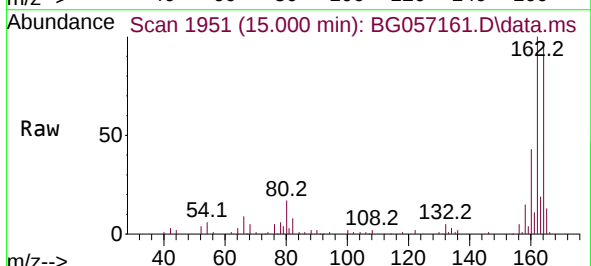
Tgt Ion: 164 Resp: 67711

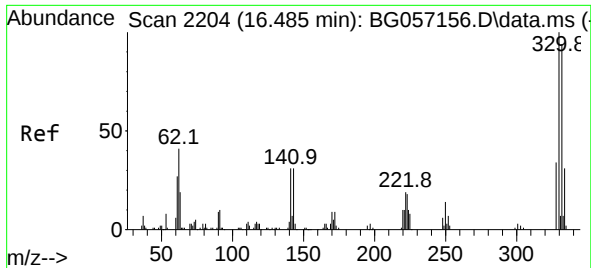
Ion Ratio Lower Upper

164 100

162 102.7 82.4 123.6

160 44.4 36.2 54.2

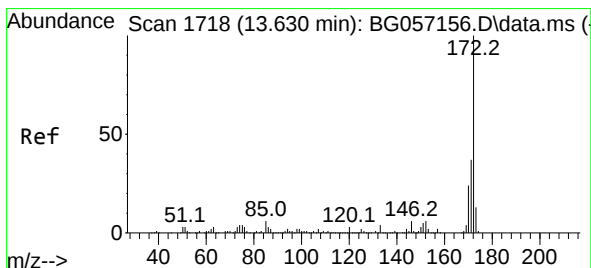
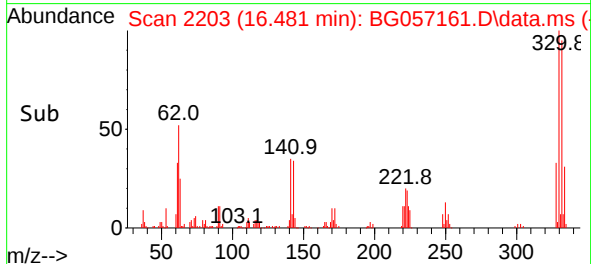
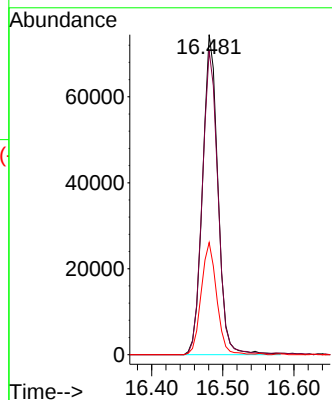
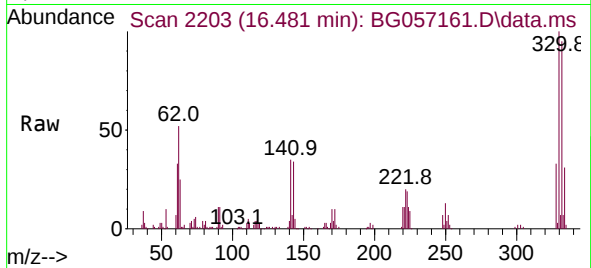




#42
2,4,6-Tribromophenol
Concen: 125.587 ng
RT: 16.481 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057161.D
Acq: 24 Apr 2023 21:32

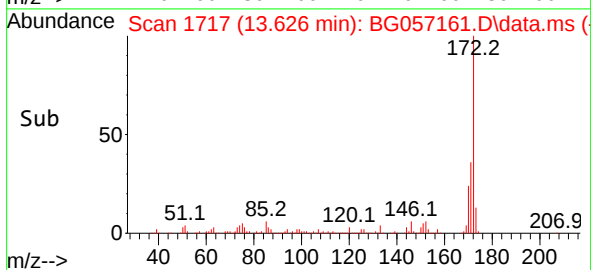
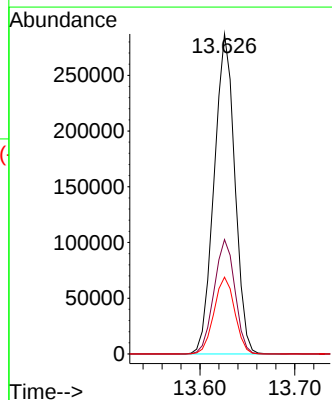
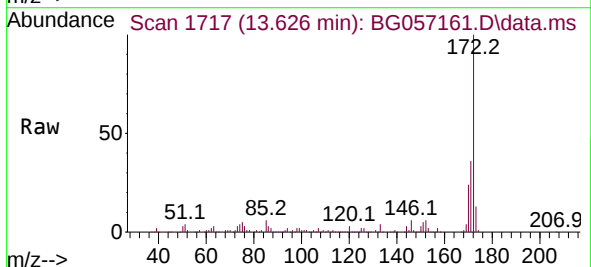
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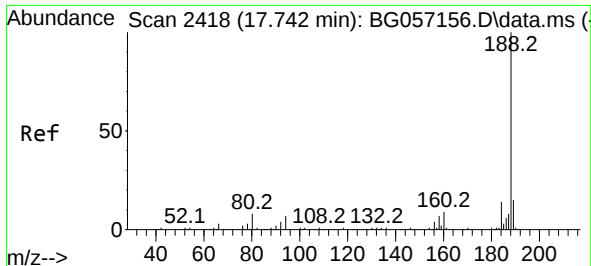
Tgt Ion:330 Resp: 112198
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 35.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 86.179 ng
RT: 13.626 min Scan# 1717
Delta R.T. -0.004 min
Lab File: BG057161.D
Acq: 24 Apr 2023 21:32

Tgt Ion:172 Resp: 434201
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 24.0 19.4 29.2

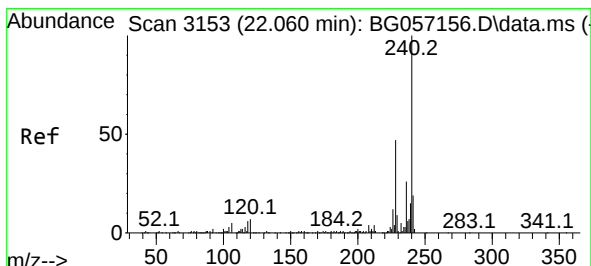
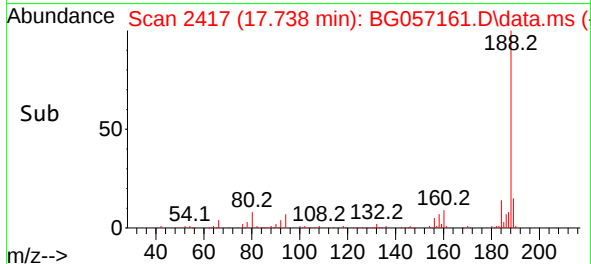
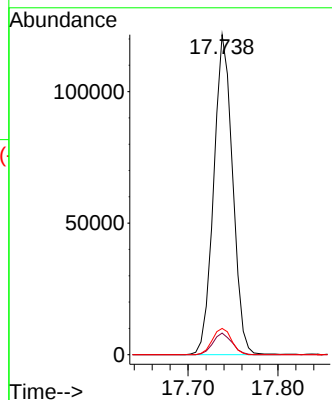
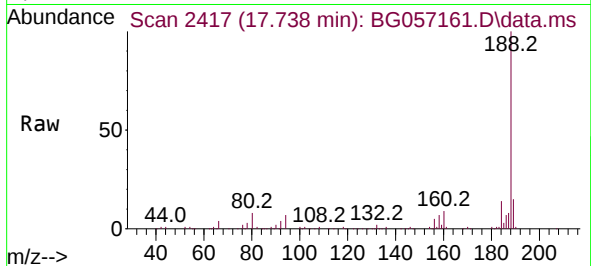




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.738 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BG057161.D
Acq: 24 Apr 2023 21:32

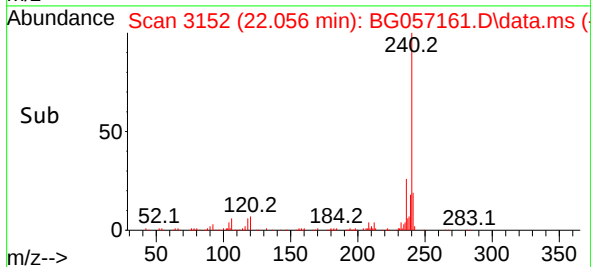
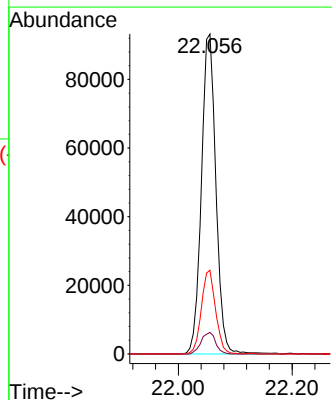
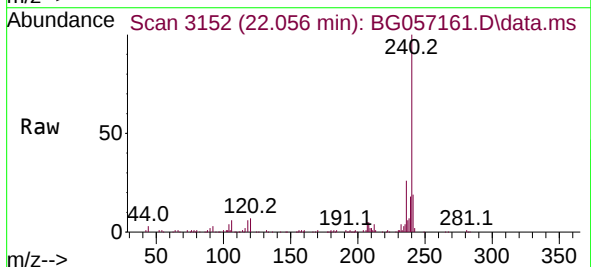
Instrument :
BNA_G
ClientSampleId :
PB152179BL

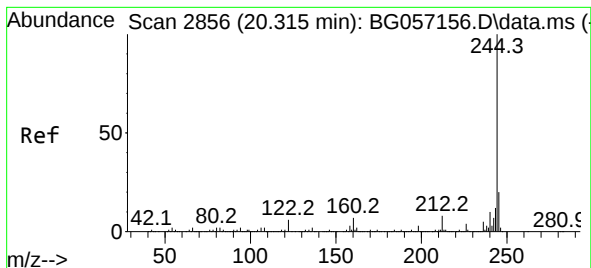
Tgt Ion:188 Resp: 177763
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 8.2 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.056 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BG057161.D
Acq: 24 Apr 2023 21:32

Tgt Ion:240 Resp: 165163
Ion Ratio Lower Upper
240 100
120 6.7 5.5 8.3
236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 93.794 ng

RT: 20.311 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057161.D

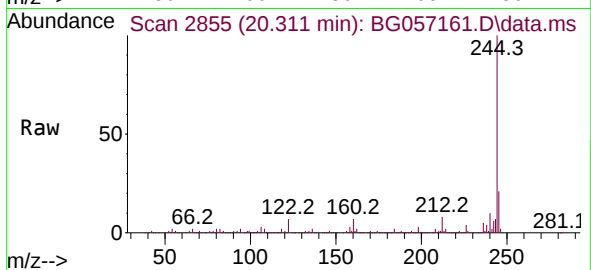
Acq: 24 Apr 2023 21:32

Instrument :

BNA_G

ClientSampleId :

PB152179BL



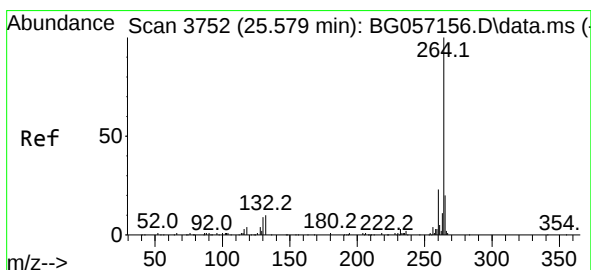
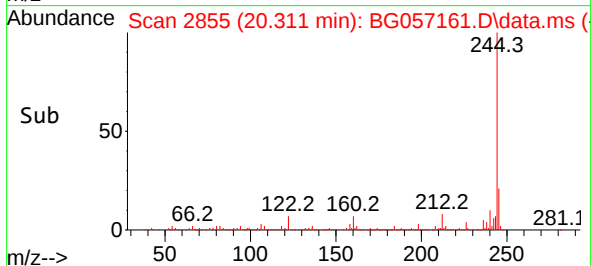
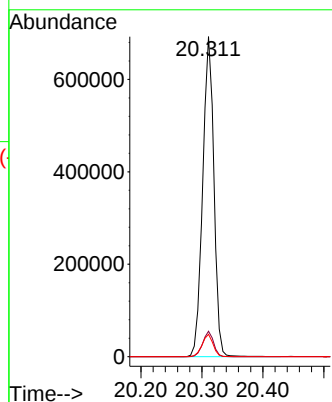
Tgt Ion:244 Resp: 885664

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

122 7.0 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.574 min Scan# 3751

Delta R.T. -0.004 min

Lab File: BG057161.D

Acq: 24 Apr 2023 21:32

Tgt Ion:264 Resp: 169634

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.5 16.4 24.6

