

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058680.D
 Acq On : 10 Aug 2023 15:41
 Operator : MA/JU
 Sample : 03956-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP23B

Quant Time: Aug 11 01:55:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	39393	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	170185	20.000	ng	0.00
39) Acenaphthene-d10	14.464	164	117684	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	292859	20.000	ng	0.00
76) Chrysene-d12	21.450	240	265024	20.000	ng	0.00
86) Perylene-d12	24.523	264	292226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	220864	85.696	ng	0.00
7) Phenol-d6	6.984	99	304309	84.854	ng	0.00
23) Nitrobenzene-d5	8.976	82	179287	51.753	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	144705	75.018	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	423581	53.939	ng	0.00
79) Terphenyl-d14	19.822	244	769372	54.592	ng	0.00

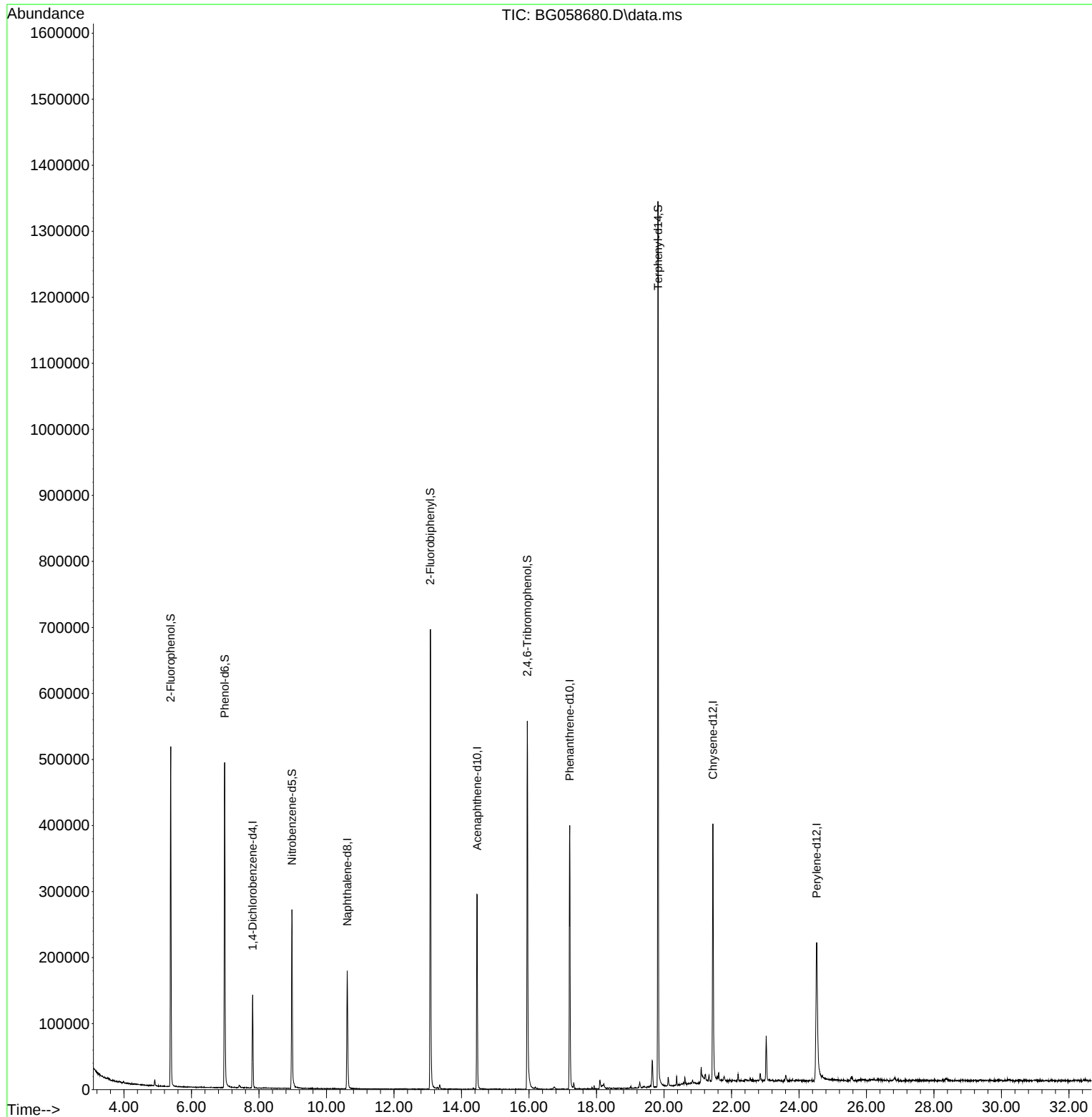
Target Compounds	Qvalue

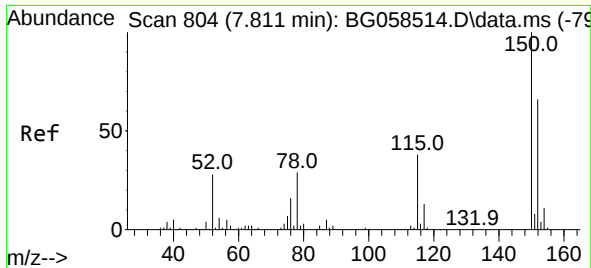
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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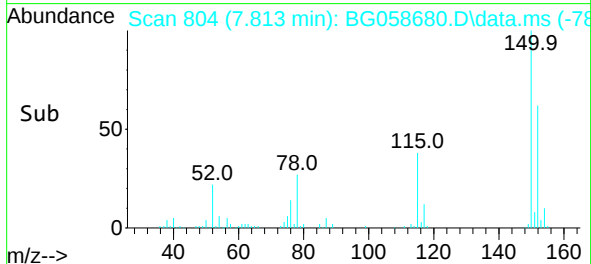
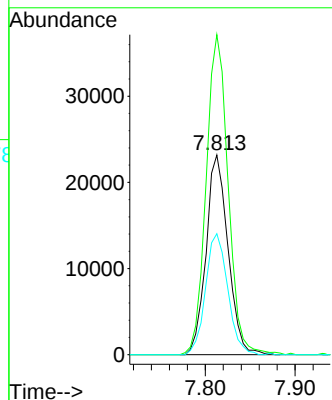
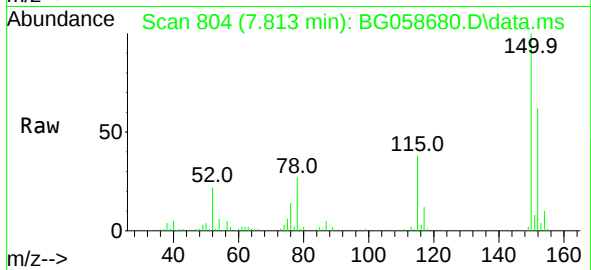




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

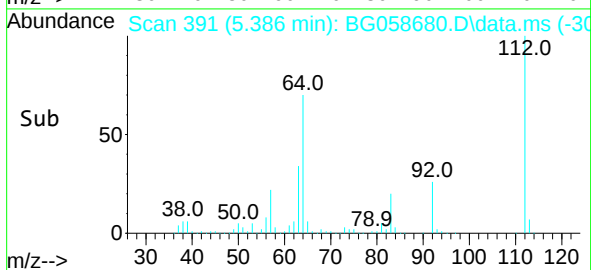
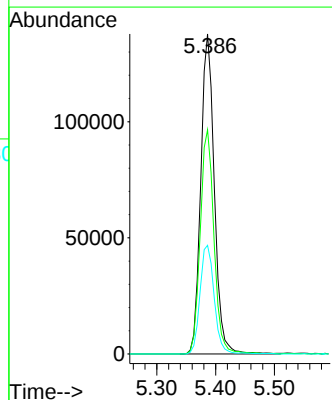
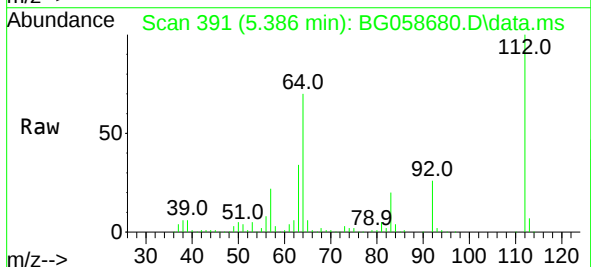
Instrument :
BNA_G
ClientSampleId :
B-PP23B

Tgt Ion:152 Resp: 39393
Ion Ratio Lower Upper
152 100
150 160.3 120.5 180.7
115 60.6 45.9 68.9



#5
2-Fluorophenol
Concen: 85.696 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

Tgt Ion:112 Resp: 220864
Ion Ratio Lower Upper
112 100
64 70.1 55.3 82.9
63 34.0 28.3 42.5

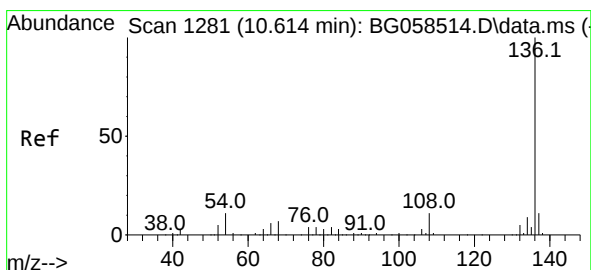
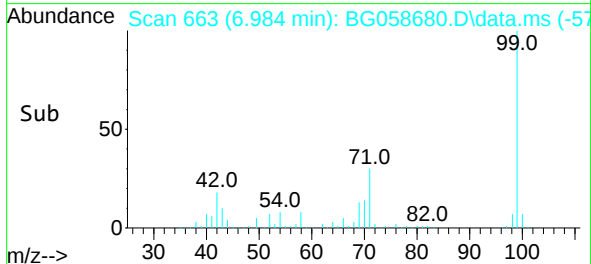
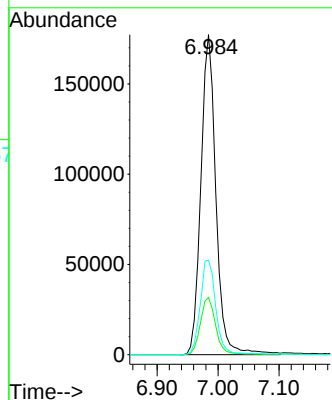
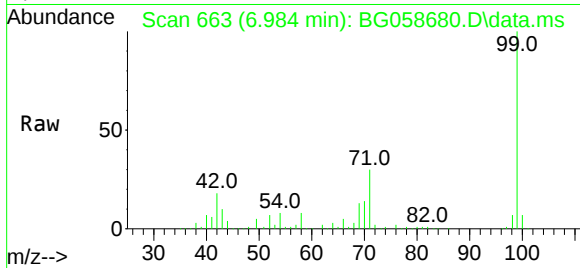




#7
Phenol-d6
Concen: 84.854 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

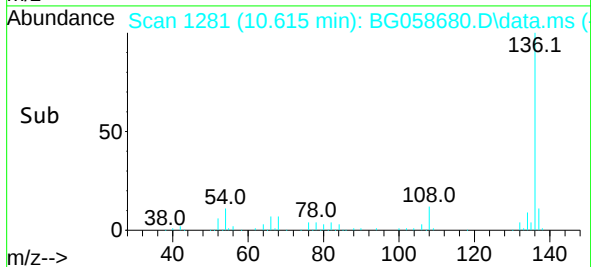
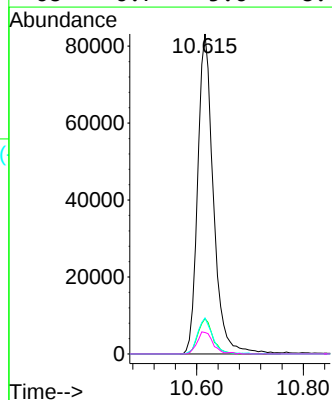
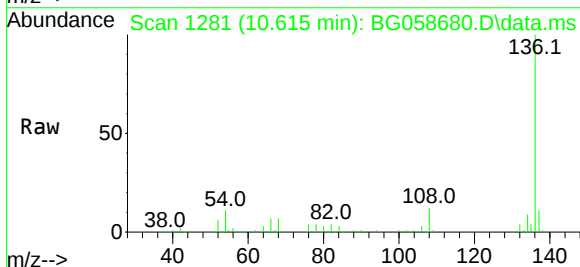
Instrument :
BNA_G
ClientSampleId :
B-PP23B

Tgt Ion: 99 Resp: 304309
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 29.5 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.002 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

Tgt Ion: 136 Resp: 170185
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 11.3 8.9 13.3
68 6.7 5.6 8.4

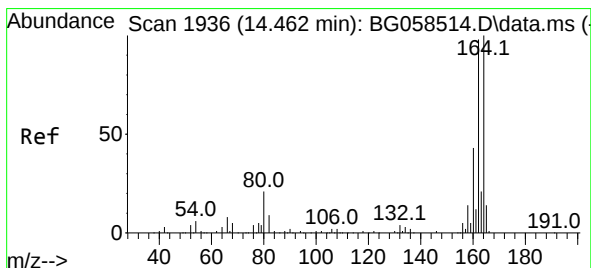
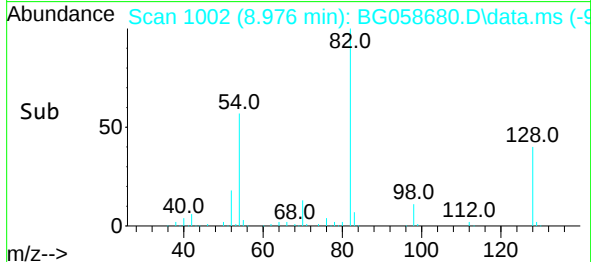
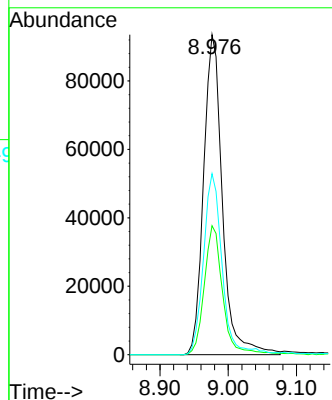
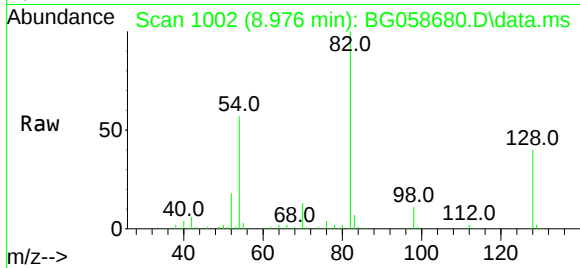




#23
 Nitrobenzene-d5
 Concen: 51.753 ng
 RT: 8.976 min Scan# 1002
 Delta R.T. -0.004 min
 Lab File: BG058680.D
 Acq: 10 Aug 2023 15:41

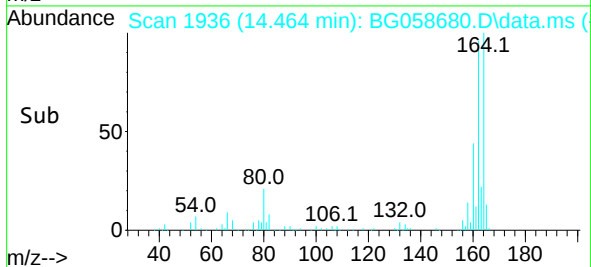
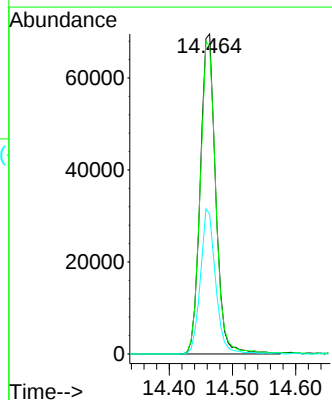
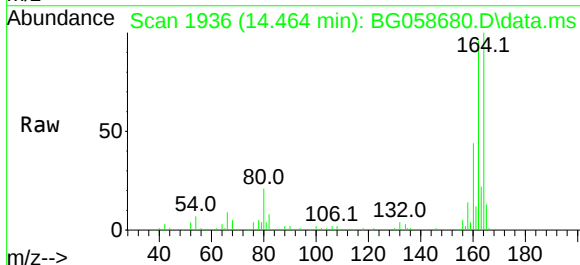
Instrument :
 BNA_G
 ClientSampleId :
 B-PP23B

Tgt Ion: 82 Resp: 179287
 Ion Ratio Lower Upper
 82 100
 128 40.3 32.2 48.2
 54 56.6 46.0 69.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.464 min Scan# 1936
 Delta R.T. 0.002 min
 Lab File: BG058680.D
 Acq: 10 Aug 2023 15:41

Tgt Ion:164 Resp: 117684
 Ion Ratio Lower Upper
 164 100
 162 96.2 78.3 117.5
 160 43.6 34.1 51.1

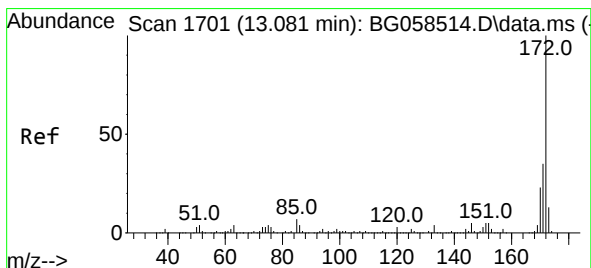
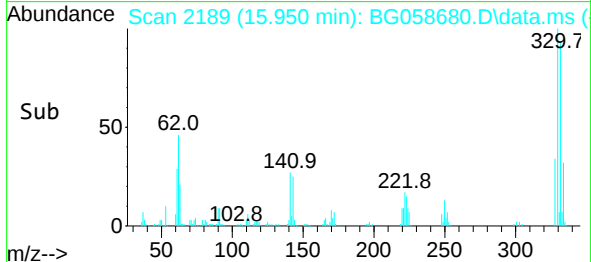
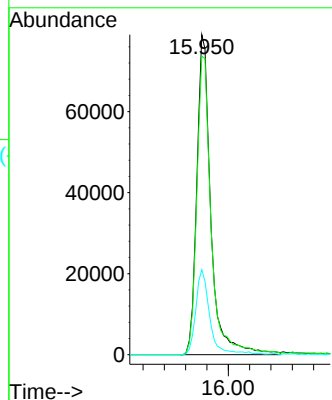
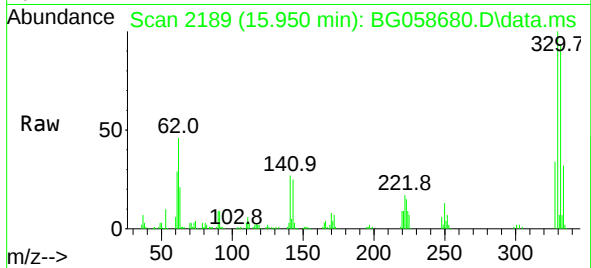




#42
2,4,6-Tribromophenol
Concen: 75.018 ng
RT: 15.950 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

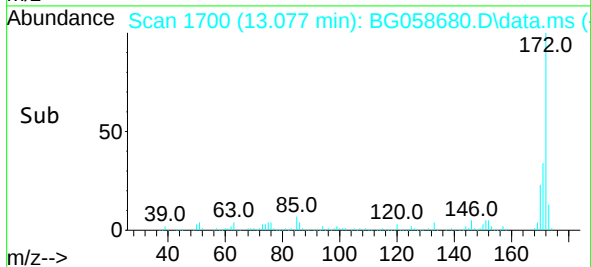
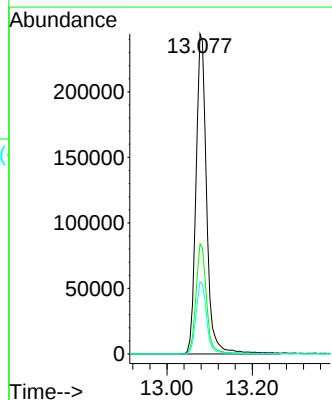
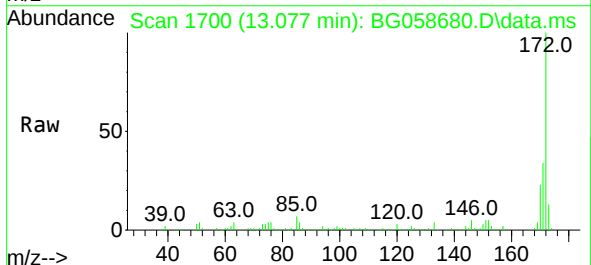
Instrument :
BNA_G
ClientSampleId :
B-PP23B

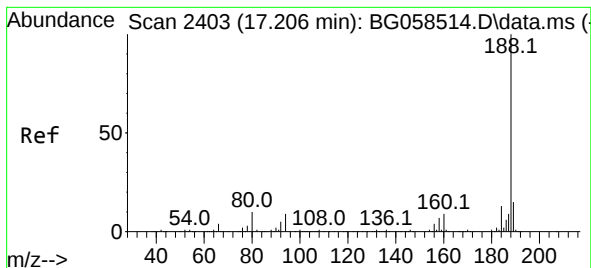
Tgt Ion:330 Resp: 144705
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 26.6 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 53.939 ng
RT: 13.077 min Scan# 1700
Delta R.T. -0.004 min
Lab File: BG058680.D
Acq: 10 Aug 2023 15:41

Tgt Ion:172 Resp: 423581
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 22.6 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.208 min Scan# 2403

Delta R.T. 0.002 min

Lab File: BG058680.D

Acq: 10 Aug 2023 15:41

Instrument :

BNA_G

ClientSampleId :

B-PP23B

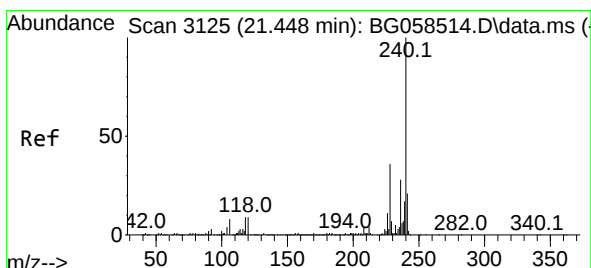
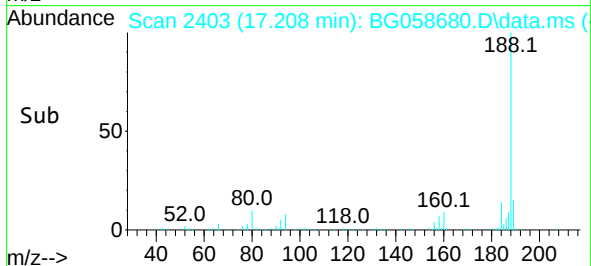
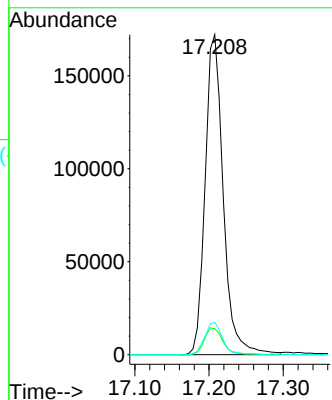
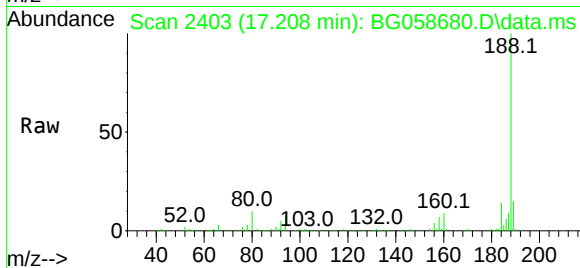
Tgt Ion:188 Resp: 292859

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 10.1 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 3125

Delta R.T. 0.002 min

Lab File: BG058680.D

Acq: 10 Aug 2023 15:41

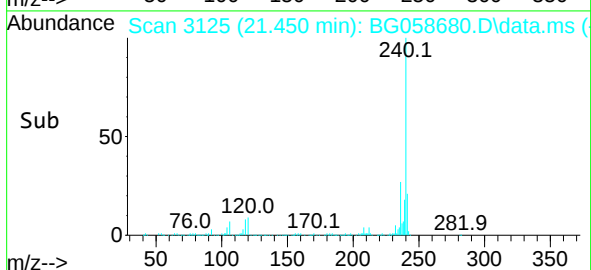
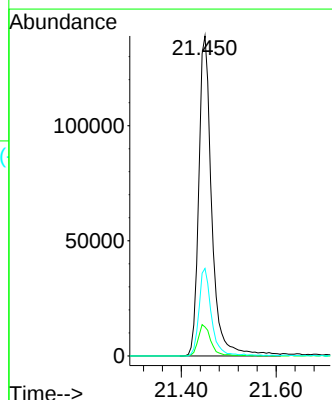
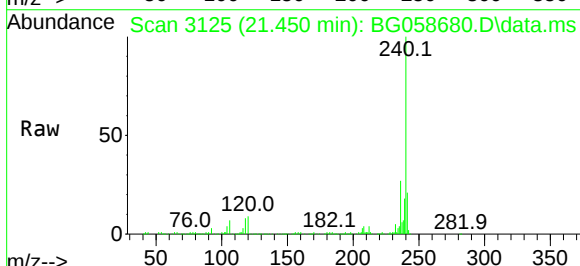
Tgt Ion:240 Resp: 265024

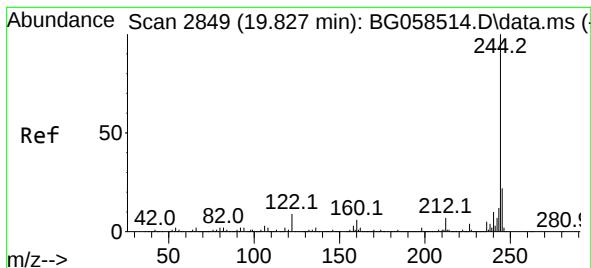
Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

236 27.3 22.2 33.4





#79

Terphenyl-d14

Concen: 54.592 ng

RT: 19.822 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG058680.D

Acq: 10 Aug 2023 15:41

Instrument :

BNA_G

ClientSampleId :

B-PP23B

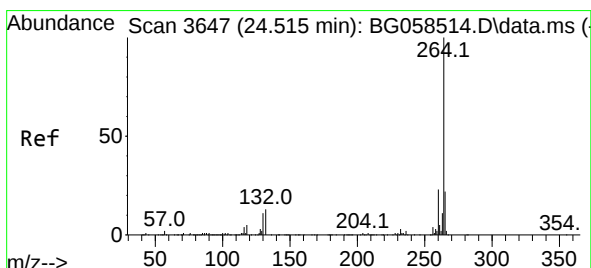
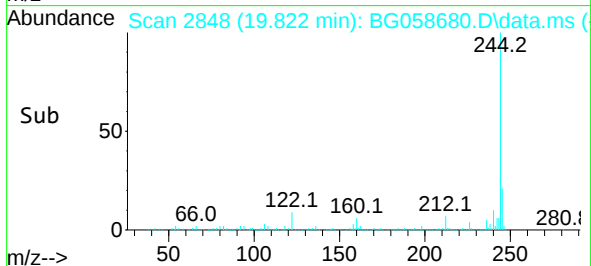
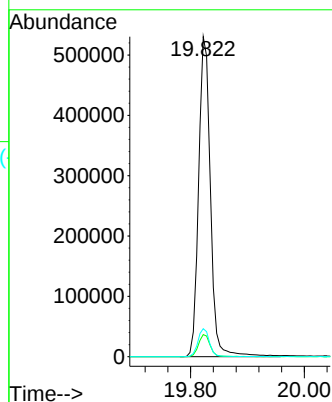
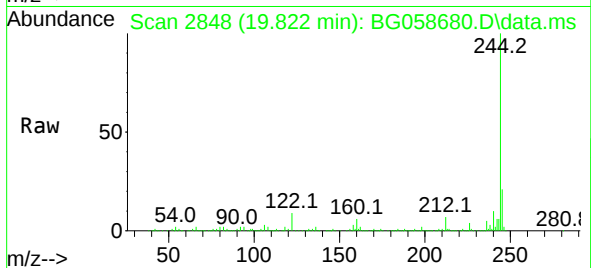
Tgt Ion:244 Resp: 769372

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.8 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.523 min Scan# 3648

Delta R.T. 0.008 min

Lab File: BG058680.D

Acq: 10 Aug 2023 15:41

Tgt Ion:264 Resp: 292226

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 21.5 17.9 26.9

