

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061184.D
 Acq On : 14 May 2024 10:36
 Operator : MA/JU
 Sample : PB160877BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160877BL

Quant Time: May 14 11:25:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	17258	20.000	ng	#-0.03
21) Naphthalene-d8	10.727	136	66868	20.000	ng	#-0.03
39) Acenaphthene-d10	14.558	164	58713	20.000	ng	-0.03
64) Phenanthrene-d10	17.308	188	165131	20.000	ng	#-0.02
76) Chrysene-d12	21.568	240	178667	20.000	ng	-0.02
86) Perylene-d12	24.687	264	208873	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	152694	179.939	ng	-0.02
7) Phenol-d6	7.108	99	185380	147.675	ng	-0.02
23) Nitrobenzene-d5	9.088	82	130547	96.780	ng	-0.03
42) 2,4,6-Tribromophenol	16.056	330	154836	131.936	ng	-0.02
45) 2-Fluorobiphenyl	13.183	172	358239	90.224	ng	-0.02
79) Terphenyl-d14	19.928	244	976352	90.885	ng	-0.02

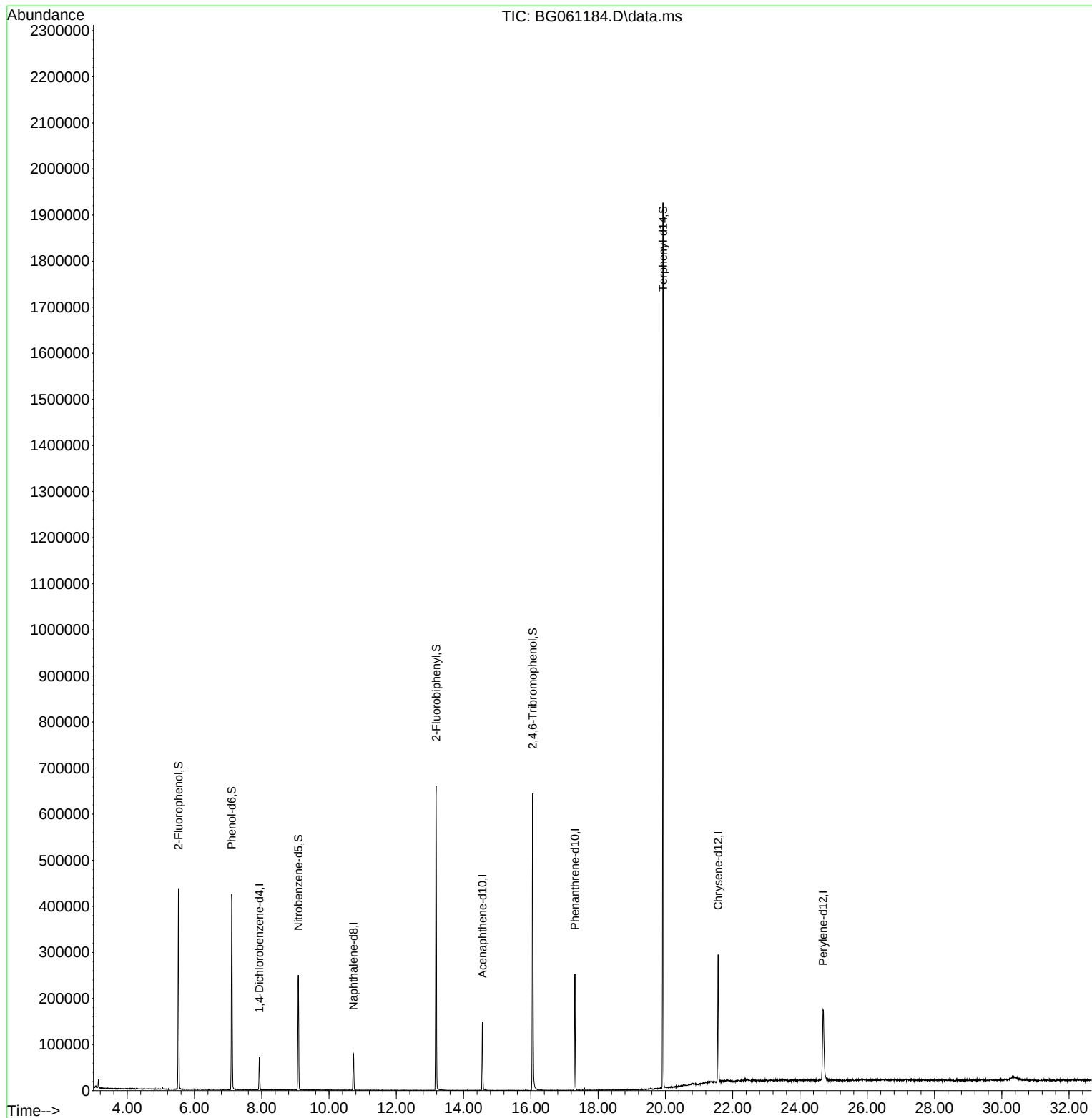
Target Compounds	Qvalue

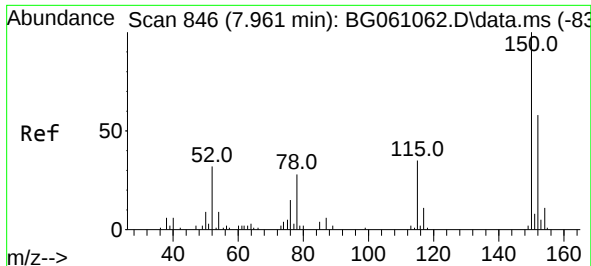
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061184.D
Acq On : 14 May 2024 10:36
Operator : MA/JU
Sample : PB160877BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160877BL

Quant Time: May 14 11:25:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

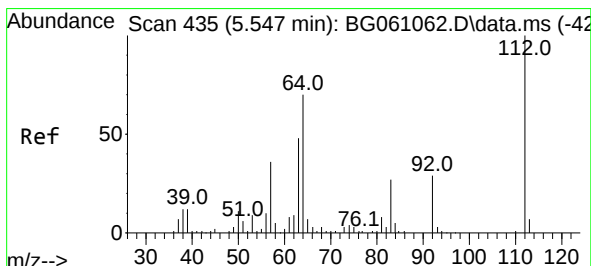
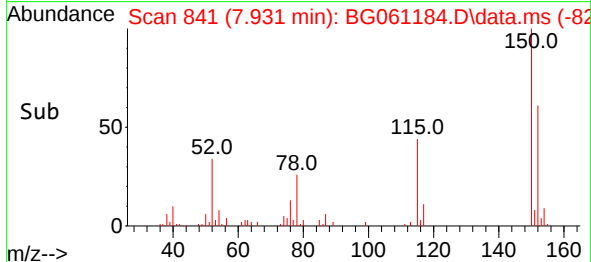
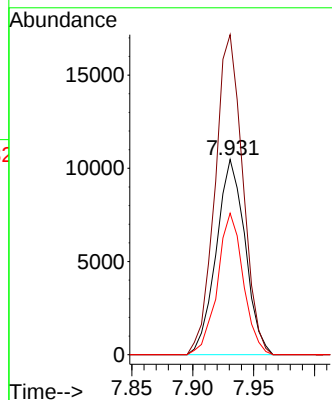
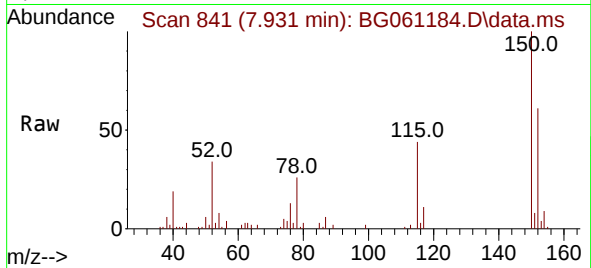




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 846
Delta R.T. -0.030 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

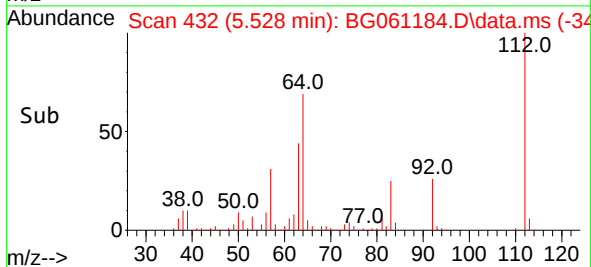
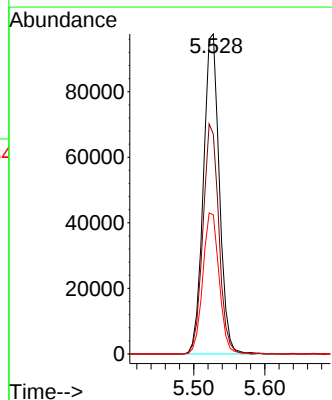
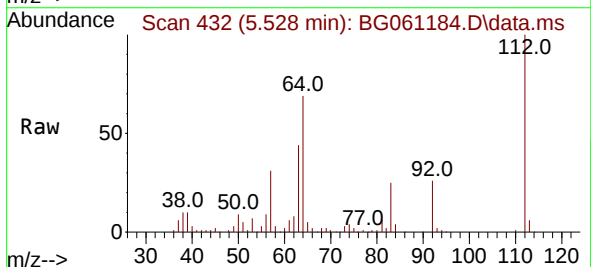
Instrument :
BNA_G
ClientSampleId :
PB160877BL

Tgt Ion:152 Resp: 17258
Ion Ratio Lower Upper
152 100
150 164.0 138.3 207.5
115 72.5 48.0 72.0#



#5
2-Fluorophenol
Concen: 179.939 ng
RT: 5.528 min Scan# 432
Delta R.T. -0.019 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

Tgt Ion:112 Resp: 152694
Ion Ratio Lower Upper
112 100
64 68.6 55.7 83.5
63 43.5 38.1 57.1

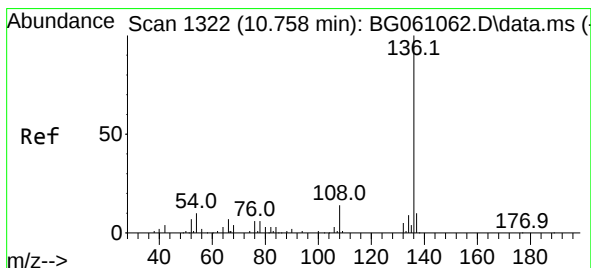
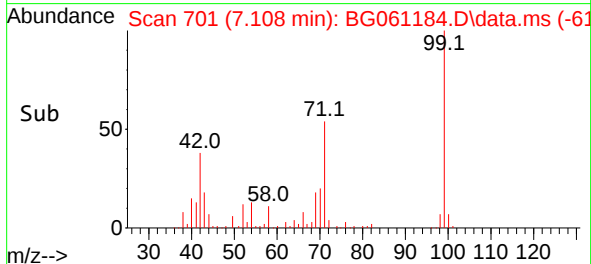
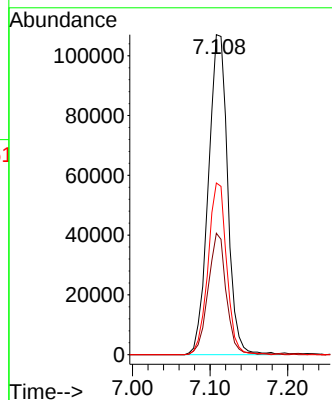
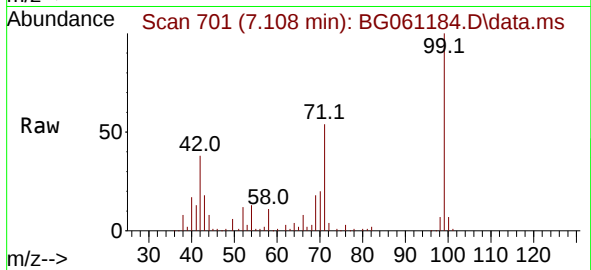




#7
Phenol-d6
Concen: 147.675 ng
RT: 7.108 min Scan# 705
Delta R.T. -0.025 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

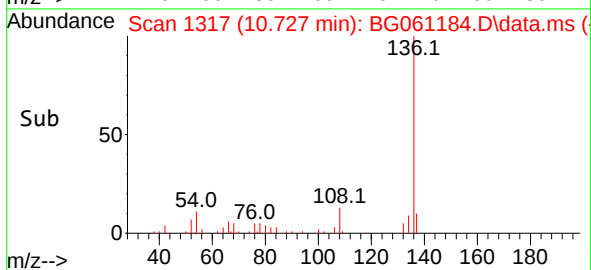
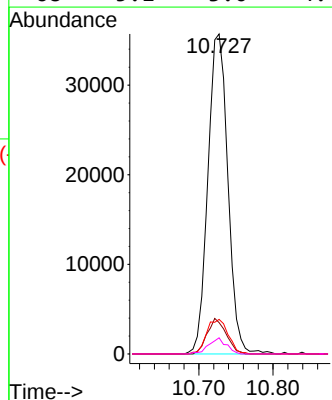
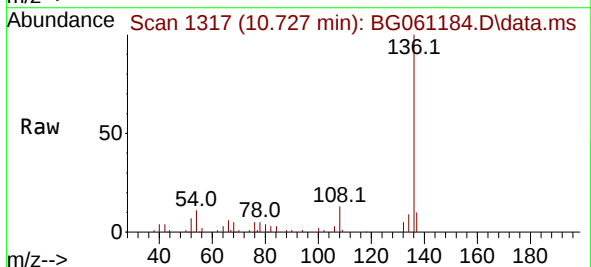
Instrument :
BNA_G
ClientSampleId :
PB160877BL

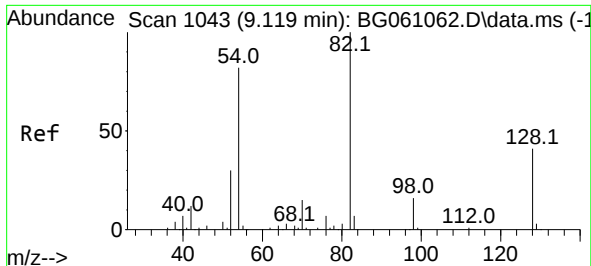
Tgt Ion: 99 Resp: 185380
Ion Ratio Lower Upper
99 100
42 37.9 29.2 43.8
71 53.6 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1317
Delta R.T. -0.031 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

Tgt Ion:136 Resp: 66868
Ion Ratio Lower Upper
136 100
137 9.8 7.8 11.6
54 10.8 8.1 12.1
68 5.1 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 96.780 ng

RT: 9.088 min Scan# 1043

Delta R.T. -0.031 min

Lab File: BG061184.D

Acq: 14 May 2024 10:36

Instrument :

BNA_G

ClientSampleId :

PB160877BL

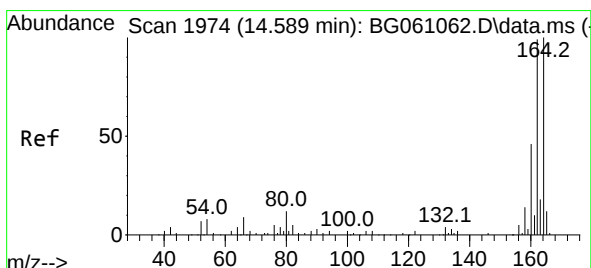
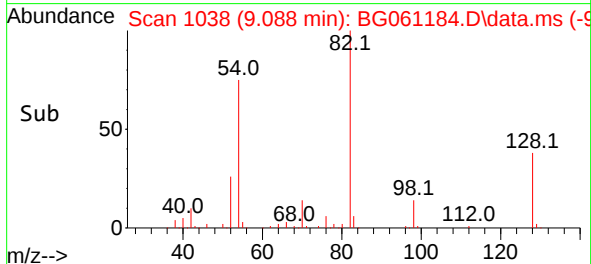
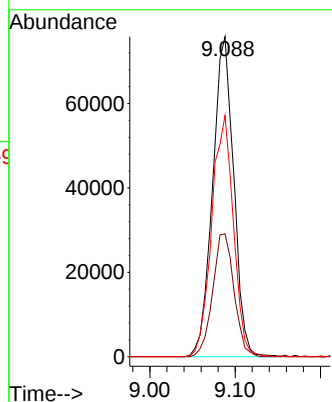
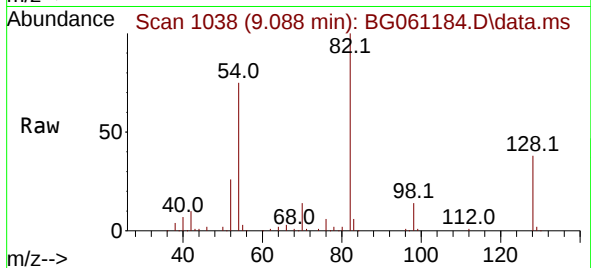
Tgt Ion: 82 Resp: 130547

Ion Ratio Lower Upper

82 100

128 38.4 32.7 49.1

54 75.4 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.558 min Scan# 1969

Delta R.T. -0.031 min

Lab File: BG061184.D

Acq: 14 May 2024 10:36

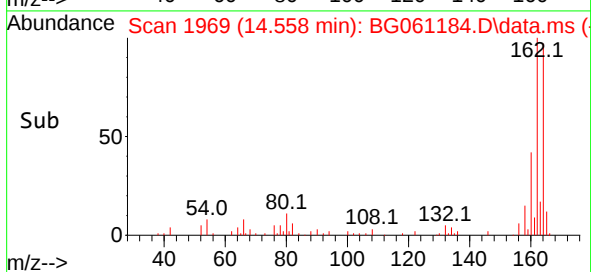
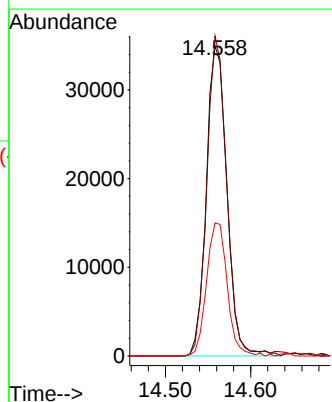
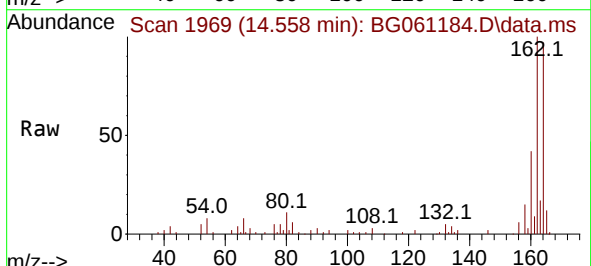
Tgt Ion:164 Resp: 58713

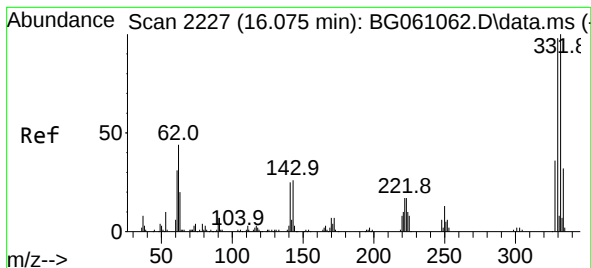
Ion Ratio Lower Upper

164 100

162 103.2 79.4 119.2

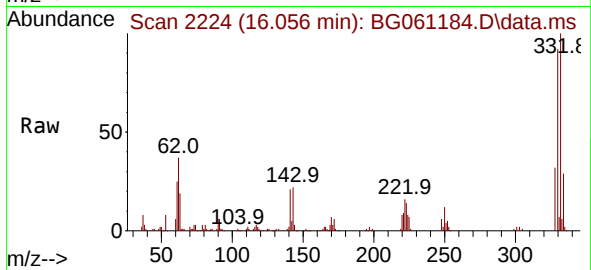
160 42.9 37.0 55.6



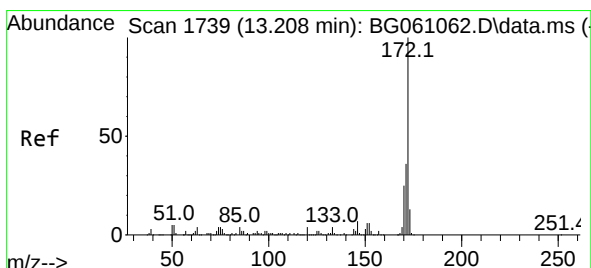
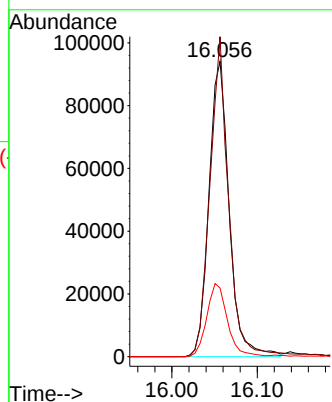
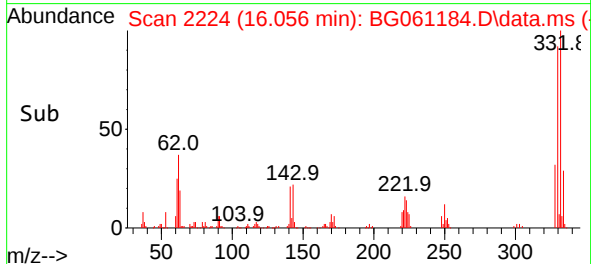


#42
2,4,6-Tribromophenol
Concen: 131.936 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.019 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36

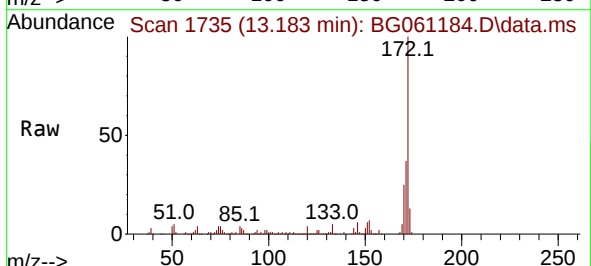
Instrument :
BNA_G
ClientSampleId :
PB160877BL



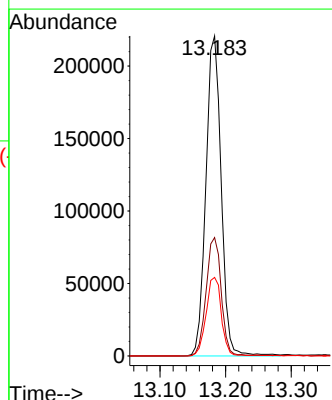
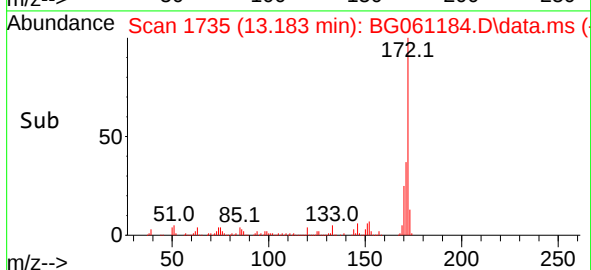
Tgt Ion:330 Resp: 154836
Ion Ratio Lower Upper
330 100
332 100.7 78.6 117.8
141 25.3 20.5 30.7

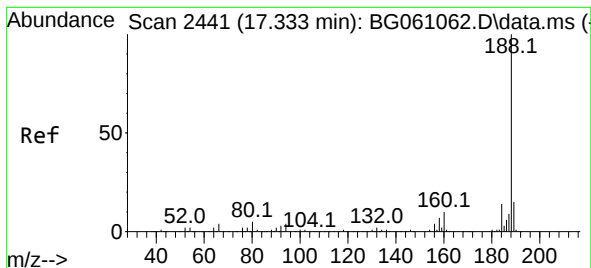


#45
2-Fluorobiphenyl
Concen: 90.224 ng
RT: 13.183 min Scan# 1735
Delta R.T. -0.025 min
Lab File: BG061184.D
Acq: 14 May 2024 10:36



Tgt Ion:172 Resp: 358239
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.6
170 24.6 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.308 min Scan# 2441

Delta R.T. -0.025 min

Lab File: BG061184.D

Acq: 14 May 2024 10:36

Instrument :

BNA_G

ClientSampleId :

PB160877BL

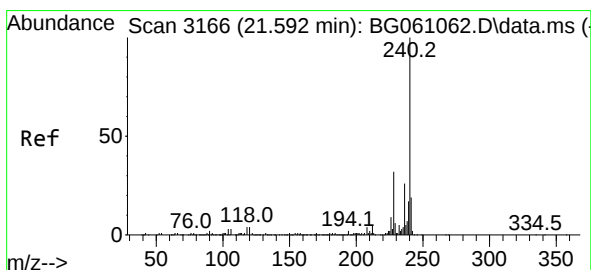
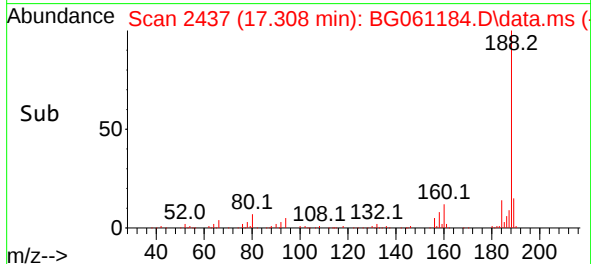
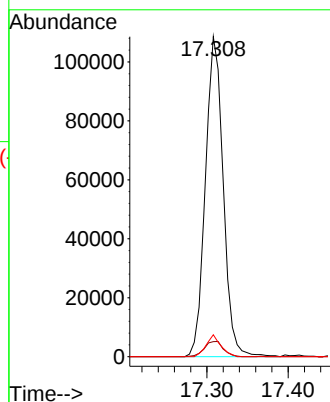
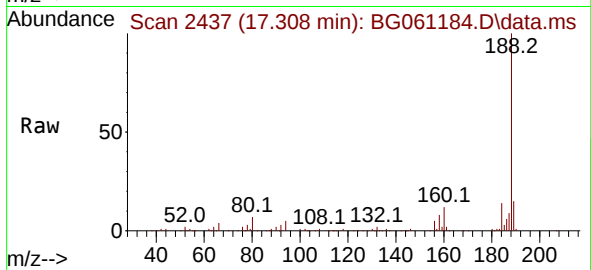
Tgt Ion:188 Resp: 165131

Ion Ratio Lower Upper

188 100

94 4.7 3.6 5.4

80 6.8 4.2 6.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3162

Delta R.T. -0.025 min

Lab File: BG061184.D

Acq: 14 May 2024 10:36

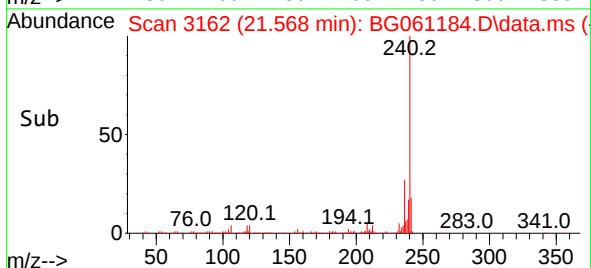
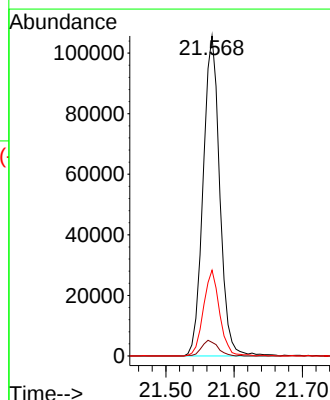
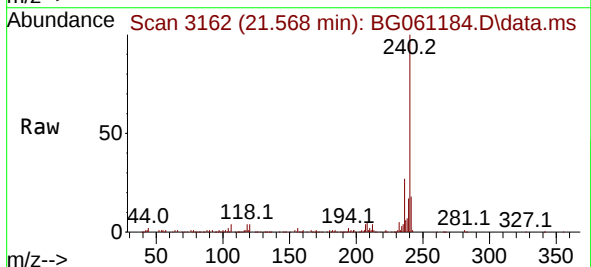
Tgt Ion:240 Resp: 178667

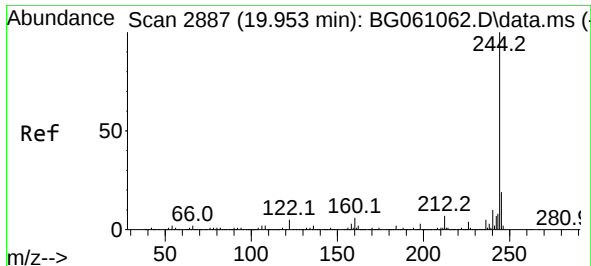
Ion Ratio Lower Upper

240 100

120 4.2 3.2 4.8

236 26.8 21.0 31.6

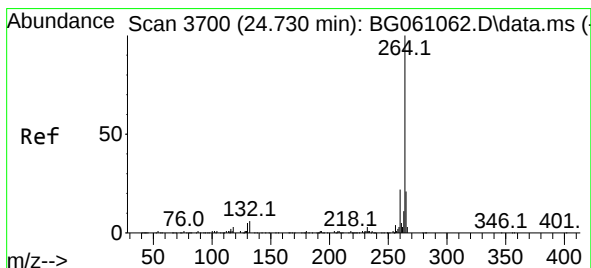
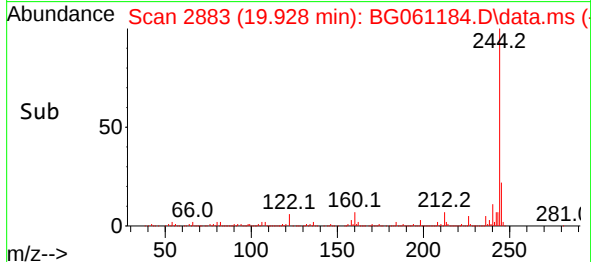
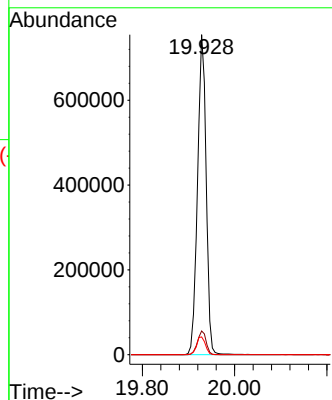
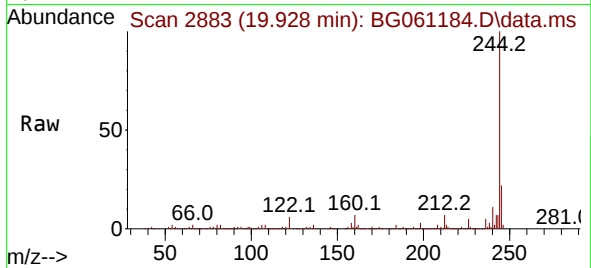




#79
 Terphenyl-d14
 Concen: 90.885 ng
 RT: 19.928 min Scan# 21
 Delta R.T. -0.025 min
 Lab File: BG061184.D
 Acq: 14 May 2024 10:36

Instrument :
 BNA_G
 ClientSampleId :
 PB160877BL

Tgt Ion:244 Resp: 976352
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 5.6 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.687 min Scan# 3693
 Delta R.T. -0.043 min
 Lab File: BG061184.D
 Acq: 14 May 2024 10:36

Tgt Ion:264 Resp: 208873
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.7 26.5
 265 20.2 16.4 24.6

