

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061217.D
 Acq On : 16 May 2024 12:15
 Operator : MA/JU
 Sample : PB160933BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160933BL

Quant Time: May 16 12:54:06 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	7.932	152	19319	20.000	ng	-0.03
21) Naphthalene-d8	10.723	136	73463	20.000	ng	#-0.04
39) Acenaphthene-d10	14.560	164	60773	20.000	ng	-0.03
64) Phenanthrene-d10	17.309	188	162968	20.000	ng	-0.02
76) Chrysene-d12	21.569	240	177430	20.000	ng	#-0.02
86) Perylene-d12	24.695	264	207198	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	150135	158.049	ng	-0.02
7) Phenol-d6	7.110	99	197558	140.586	ng	-0.02
23) Nitrobenzene-d5	9.084	82	140330	94.694	ng	-0.04
42) 2,4,6-Tribromophenol	16.052	330	160964	132.508	ng	-0.02
45) 2-Fluorobiphenyl	13.179	172	380197	92.509	ng	-0.03
79) Terphenyl-d14	19.930	244	969495	90.876	ng	-0.02

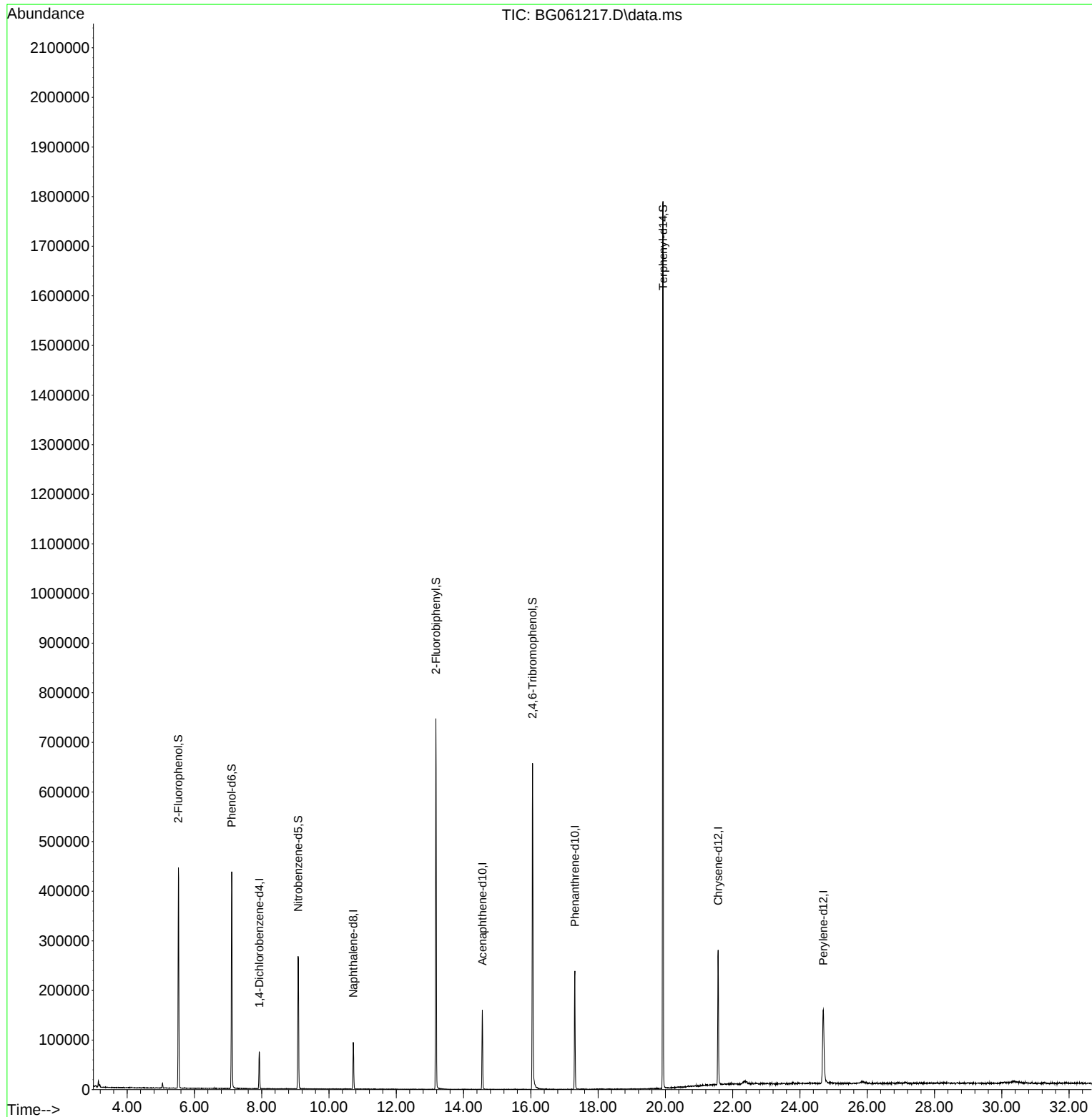
Target Compounds	Qvalue

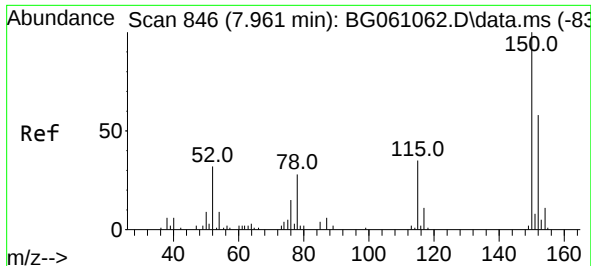
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061217.D
Acq On : 16 May 2024 12:15
Operator : MA/JU
Sample : PB160933BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160933BL

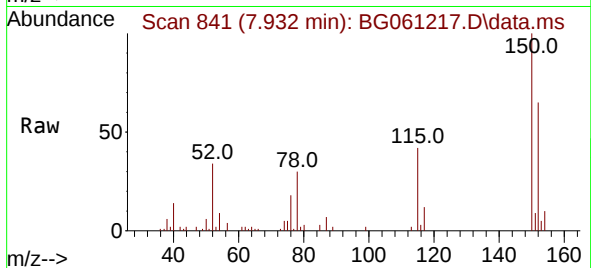
Quant Time: May 16 12:54:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration



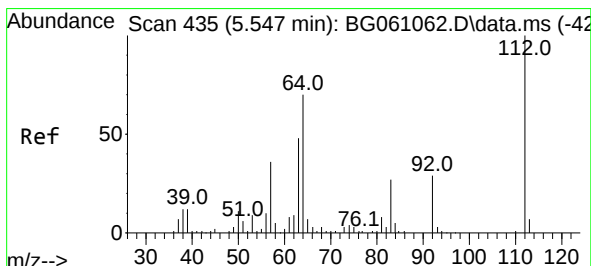
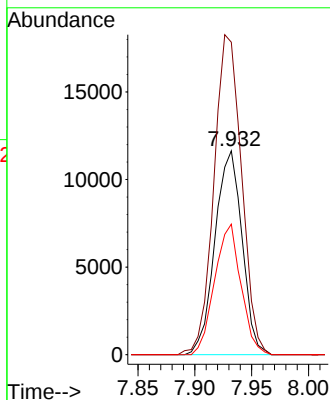
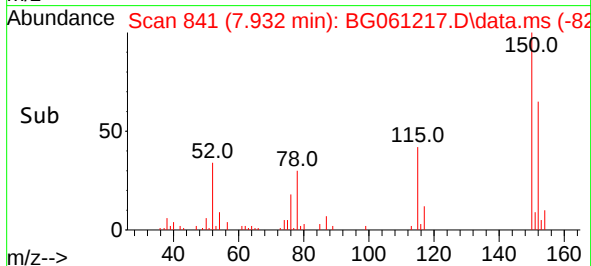


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 846
Delta R.T. -0.029 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

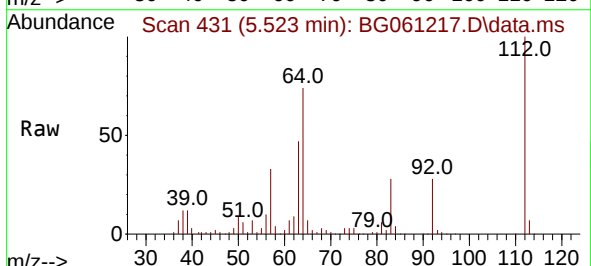
Instrument :
BNA_G
ClientSampleId :
PB160933BL



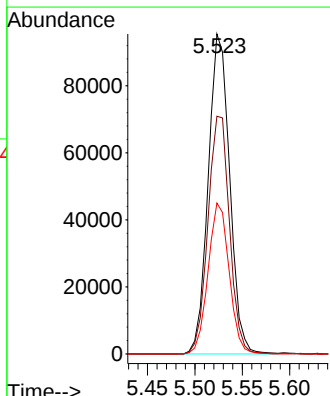
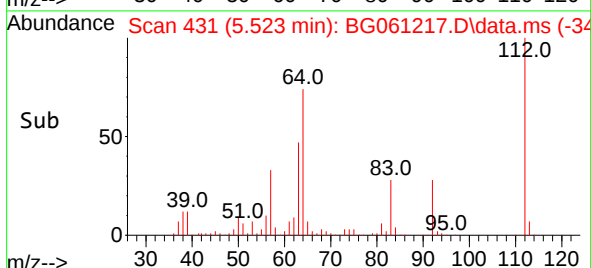
Tgt Ion:152 Resp: 19319
Ion Ratio Lower Upper
152 100
150 153.3 138.3 207.5
115 64.0 48.0 72.0



#5
2-Fluorophenol
Concen: 158.049 ng
RT: 5.523 min Scan# 431
Delta R.T. -0.023 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15



Tgt Ion:112 Resp: 150135
Ion Ratio Lower Upper
112 100
64 74.3 55.7 83.5
63 47.1 38.1 57.1

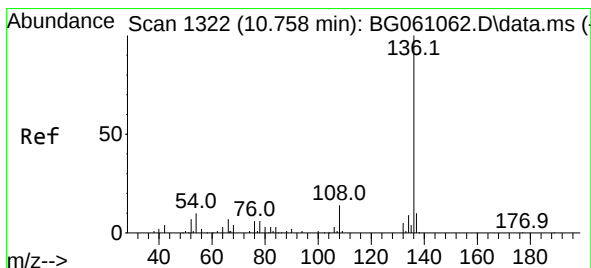
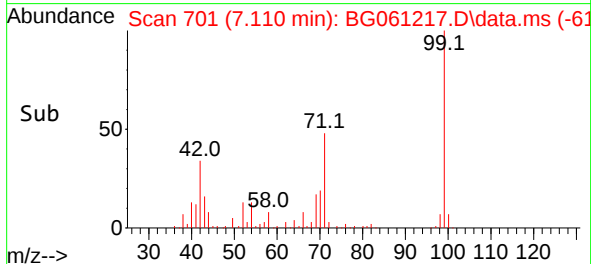
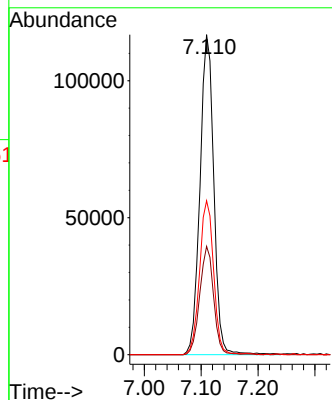
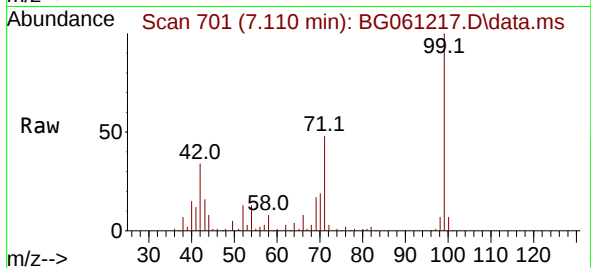




#7
Phenol-d6
Concen: 140.586 ng
RT: 7.110 min Scan# 705
Delta R.T. -0.023 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

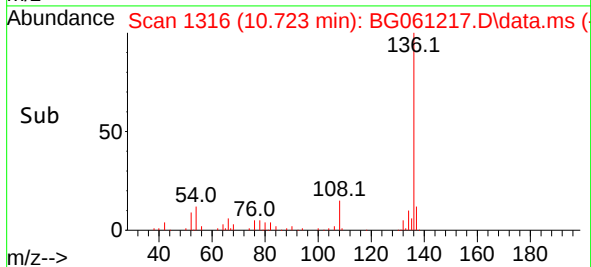
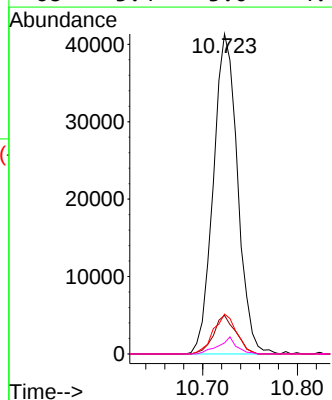
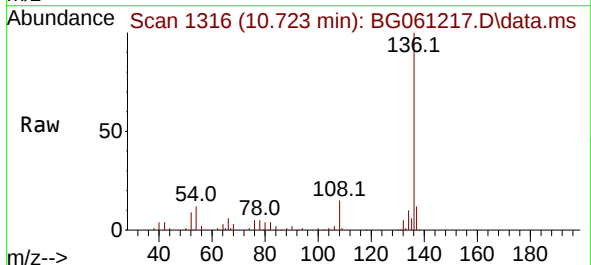
Instrument :
BNA_G
ClientSampleId :
PB160933BL

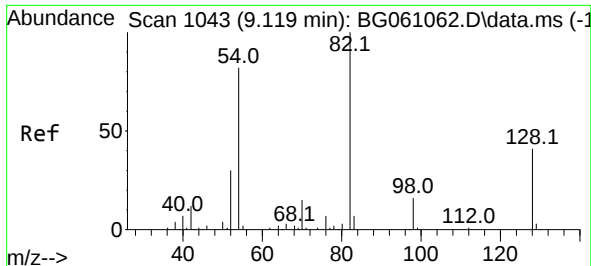
Tgt Ion: 99 Resp: 197558
Ion Ratio Lower Upper
99 100
42 33.9 29.2 43.8
71 48.1 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1316
Delta R.T. -0.035 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

Tgt Ion:136 Resp: 73463
Ion Ratio Lower Upper
136 100
137 12.0 7.8 11.6#
54 12.5 8.1 12.1#
68 3.4 3.0 4.4





#23

Nitrobenzene-d5

Concen: 94.694 ng

RT: 9.084 min Scan# 1043

Delta R.T. -0.035 min

Lab File: BG061217.D

Acq: 16 May 2024 12:15

Instrument :

BNA_G

ClientSampleId :

PB160933BL

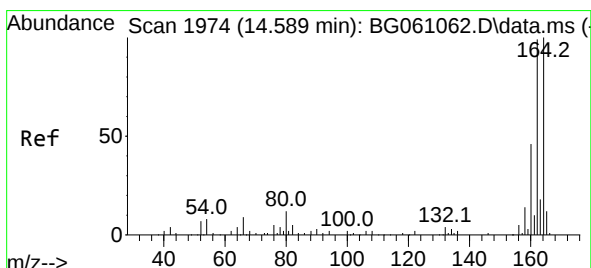
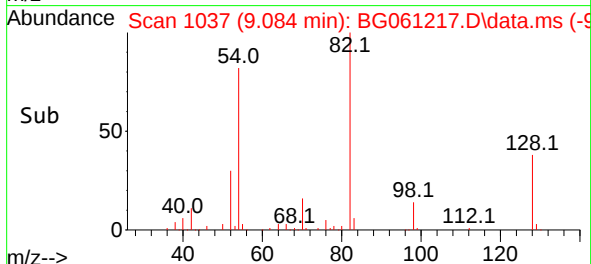
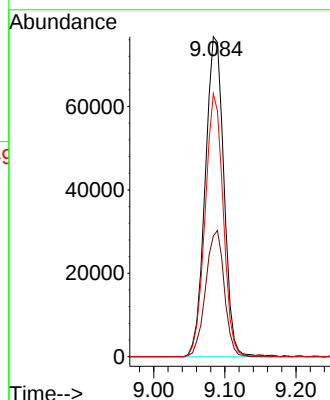
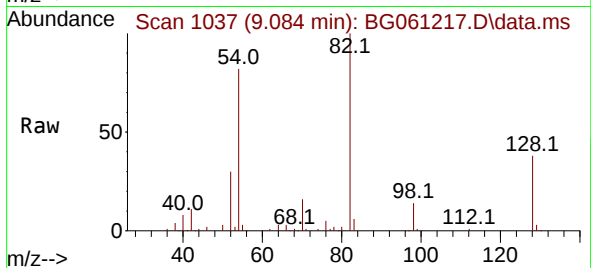
Tgt Ion: 82 Resp: 140330

Ion Ratio Lower Upper

82 100

128 37.7 32.7 49.1

54 82.2 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.560 min Scan# 1969

Delta R.T. -0.029 min

Lab File: BG061217.D

Acq: 16 May 2024 12:15

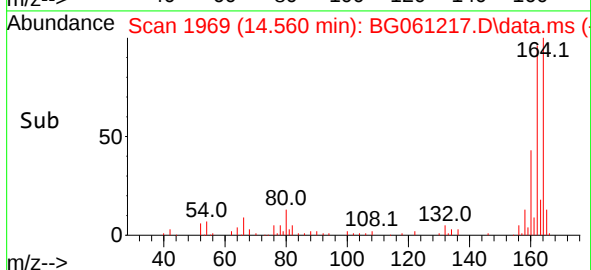
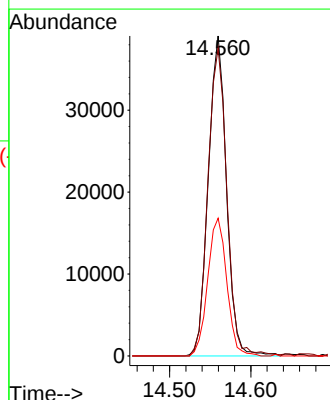
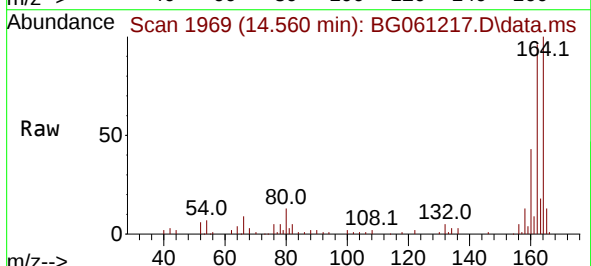
Tgt Ion:164 Resp: 60773

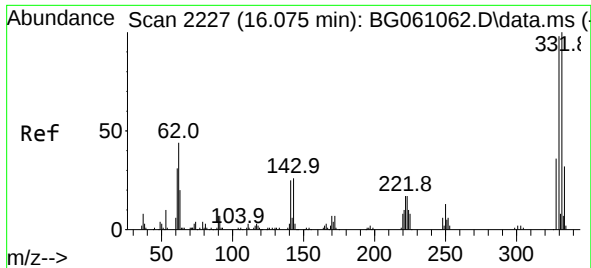
Ion Ratio Lower Upper

164 100

162 96.2 79.4 119.2

160 43.0 37.0 55.6

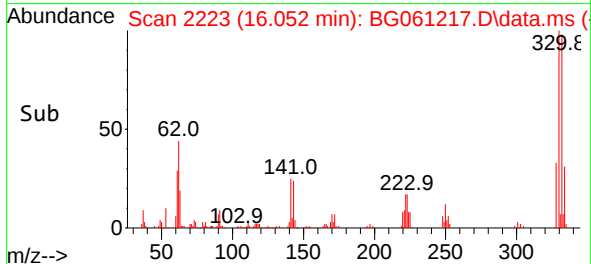
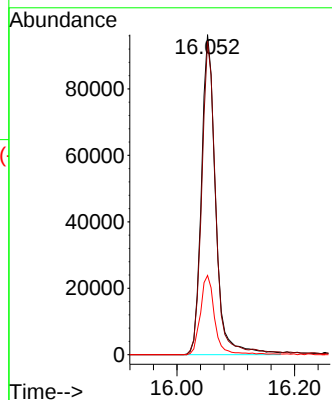
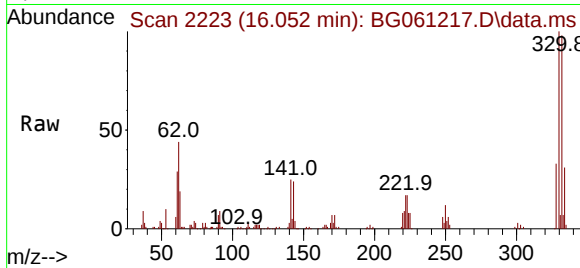




#42
2,4,6-Tribromophenol
Concen: 132.508 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.023 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

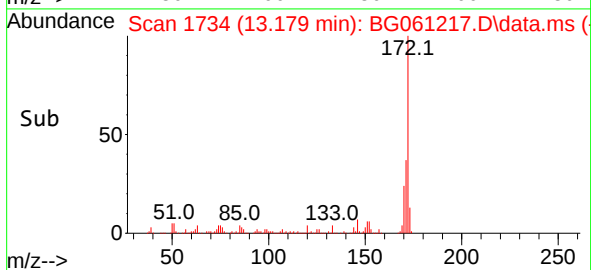
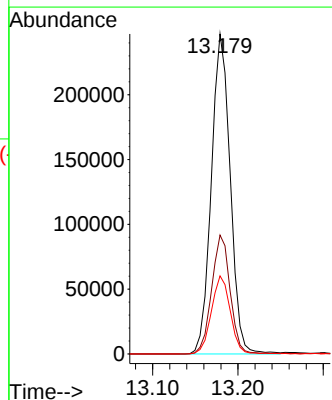
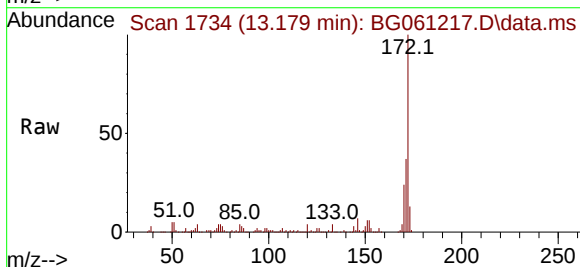
Instrument :
BNA_G
ClientSampleId :
PB160933BL

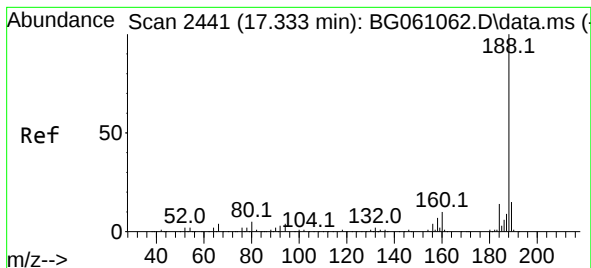
Tgt Ion:330 Resp: 160964
Ion Ratio Lower Upper
330 100
332 94.9 78.6 117.8
141 25.0 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 92.509 ng
RT: 13.179 min Scan# 1734
Delta R.T. -0.029 min
Lab File: BG061217.D
Acq: 16 May 2024 12:15

Tgt Ion:172 Resp: 380197
Ion Ratio Lower Upper
172 100
171 37.1 29.0 43.6
170 24.4 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 2441

Delta R.T. -0.023 min

Lab File: BG061217.D

Acq: 16 May 2024 12:15

Instrument :

BNA_G

ClientSampleId :

PB160933BL

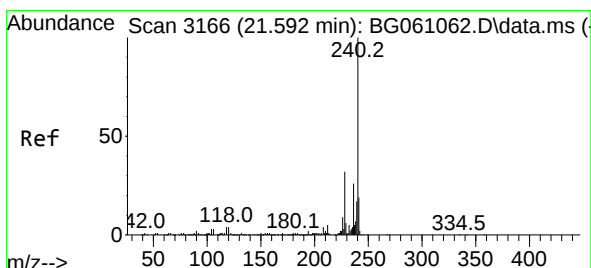
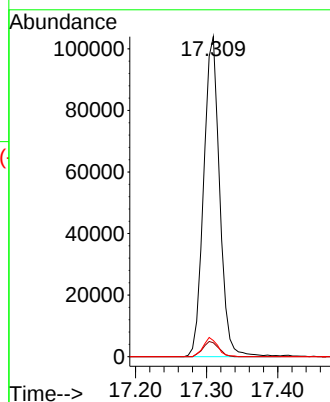
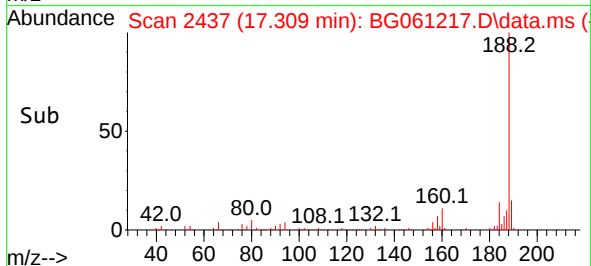
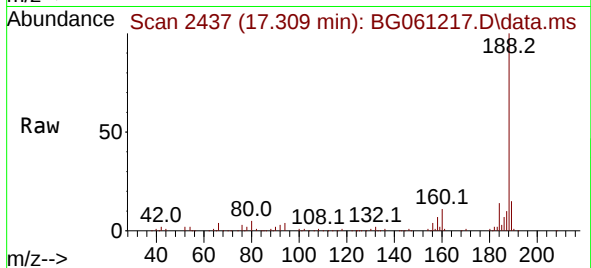
Tgt Ion:188 Resp: 162968

Ion Ratio Lower Upper

188 100

94 4.3 3.6 5.4

80 5.1 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3162

Delta R.T. -0.023 min

Lab File: BG061217.D

Acq: 16 May 2024 12:15

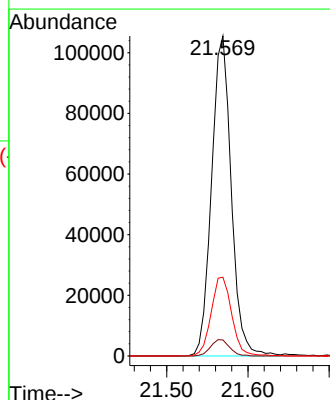
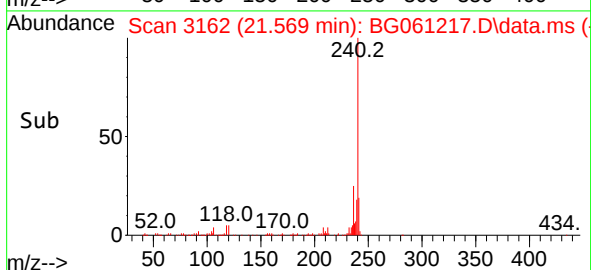
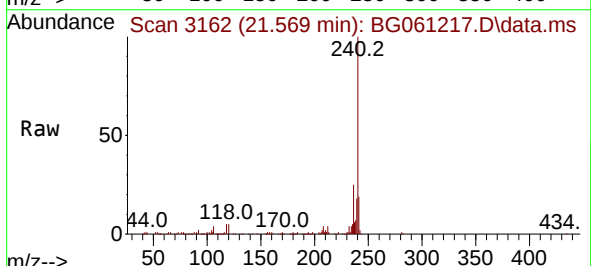
Tgt Ion:240 Resp: 177430

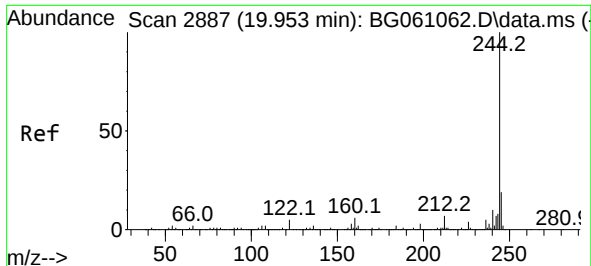
Ion Ratio Lower Upper

240 100

120 5.0 3.2 4.8#

236 24.6 21.0 31.6

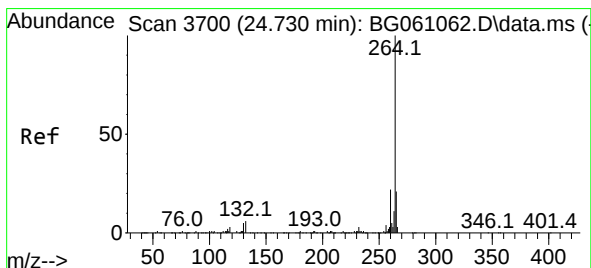
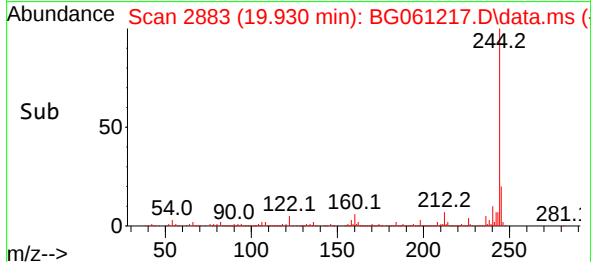
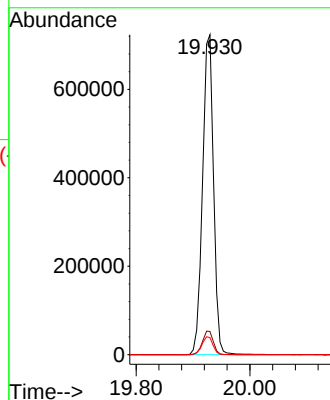
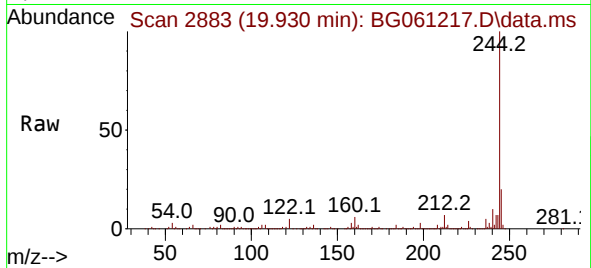




#79
 Terphenyl-d14
 Concen: 90.876 ng
 RT: 19.930 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BG061217.D
 Acq: 16 May 2024 12:15

Instrument :
 BNA_G
 ClientSampleId :
 PB160933BL

Tgt Ion:244 Resp: 969495
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 5.3 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.695 min Scan# 3694
 Delta R.T. -0.035 min
 Lab File: BG061217.D
 Acq: 16 May 2024 12:15

Tgt Ion:264 Resp: 207198
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.7 26.5
 265 21.6 16.4 24.6

