

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
 Data File : BG061165.D
 Acq On : 10 May 2024 16:16
 Operator : MA/JU
 Sample : P2422-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WCS-TP-F

Quant Time: May 10 16:55:46 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)

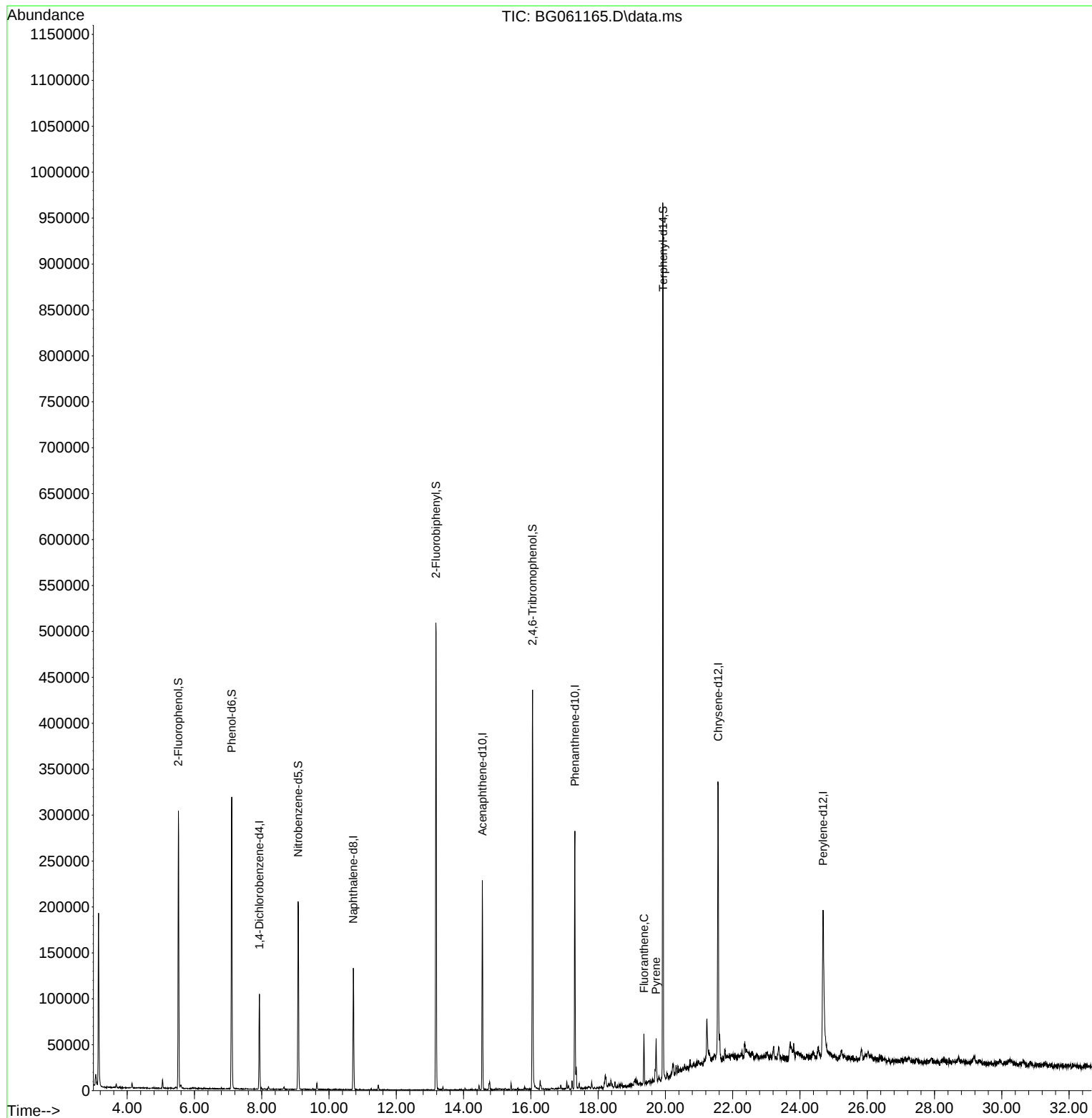
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	26163	20.000	ng	-0.03
21) Naphthalene-d8	10.722	136	103783	20.000	ng	-0.04
39) Acenaphthene-d10	14.559	164	78412	20.000	ng	-0.03
64) Phenanthrene-d10	17.309	188	179794	20.000	ng	-0.02
76) Chrysene-d12	21.568	240	182456	20.000	ng	#-0.02
86) Perylene-d12	24.688	264	215995	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	103770	80.664	ng	-0.02
7) Phenol-d6	7.109	99	144042	75.689	ng	-0.02
23) Nitrobenzene-d5	9.083	82	105079	50.191	ng	-0.04
42) 2,4,6-Tribromophenol	16.051	330	101486	64.751	ng	-0.02
45) 2-Fluorobiphenyl	13.178	172	274729	51.809	ng	-0.03
79) Terphenyl-d14	19.929	244	510786	46.560	ng	-0.02
Target Compounds						
75) Fluoranthene	19.365	202	35077	3.115	ng	97
78) Pyrene	19.723	202	30345	2.616	ng	97

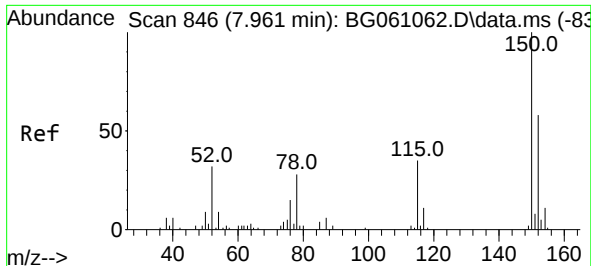
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061165.D
Acq On : 10 May 2024 16:16
Operator : MA/JU
Sample : P2422-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TP-F

Quant Time: May 10 16:55:46 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

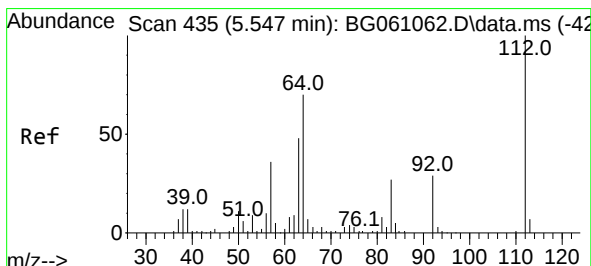
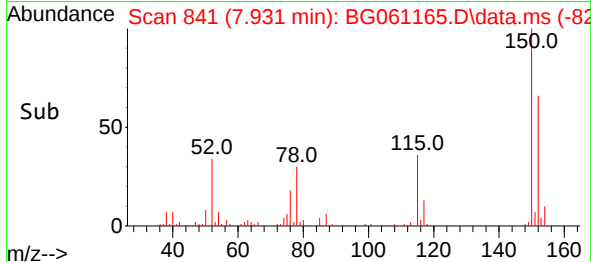
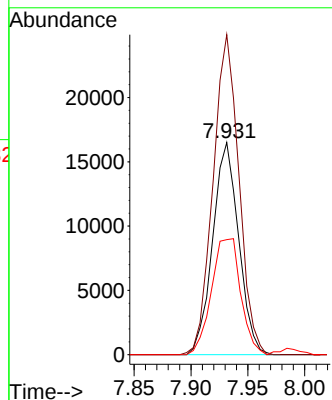
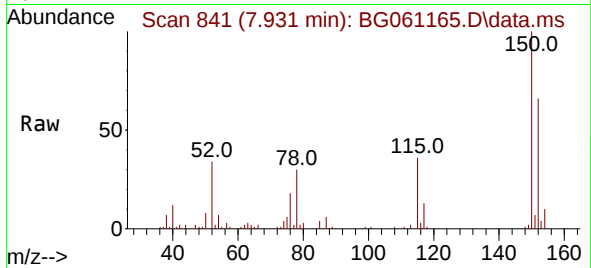




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 846
Delta R.T. -0.030 min
Lab File: BG061165.D
Acq: 10 May 2024 16:16

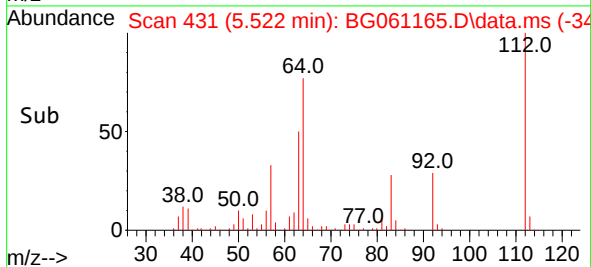
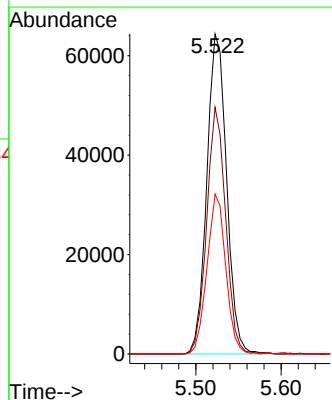
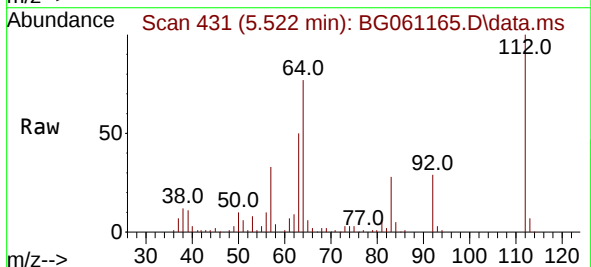
Instrument :
BNA_G
ClientSampleId :
WCS-TP-F

Tgt Ion:152 Resp: 26163
Ion Ratio Lower Upper
152 100
150 150.9 138.3 207.5
115 54.3 48.0 72.0



#5
2-Fluorophenol
Concen: 80.664 ng
RT: 5.522 min Scan# 431
Delta R.T. -0.024 min
Lab File: BG061165.D
Acq: 10 May 2024 16:16

Tgt Ion:112 Resp: 103770
Ion Ratio Lower Upper
112 100
64 77.0 55.7 83.5
63 49.9 38.1 57.1

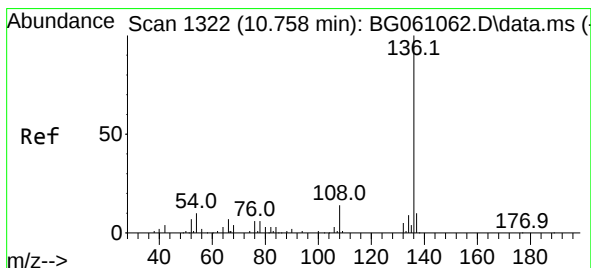
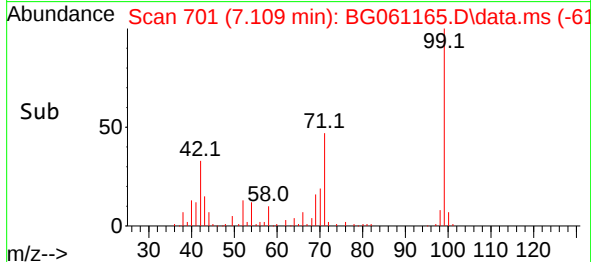
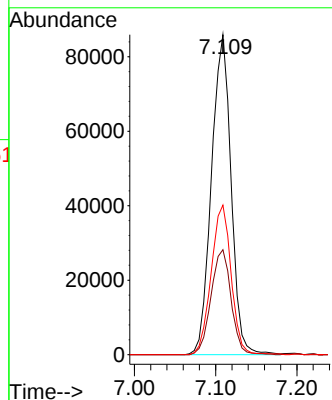
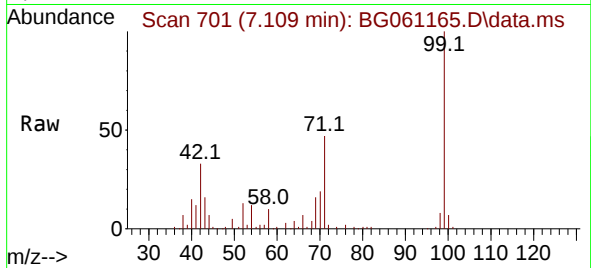




#7
Phenol-d6
Concen: 75.689 ng
RT: 7.109 min Scan# 705
Delta R.T. -0.024 min
Lab File: BG061165.D
Acq: 10 May 2024 16:16

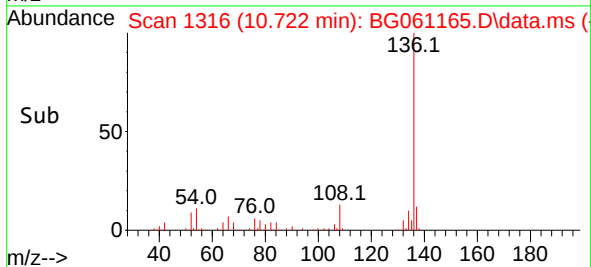
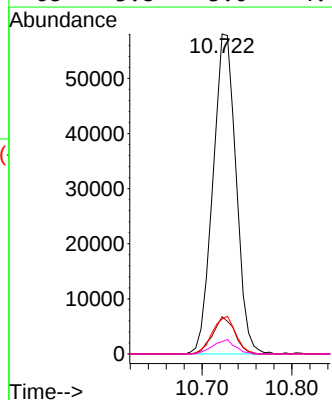
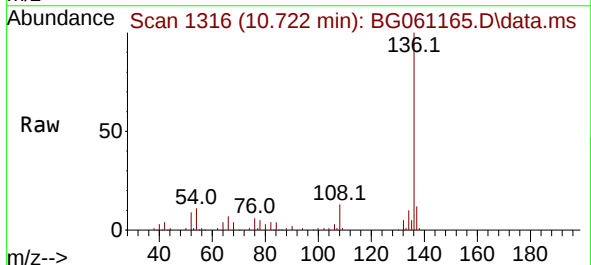
Instrument :
BNA_G
ClientSampleId :
WCS-TP-F

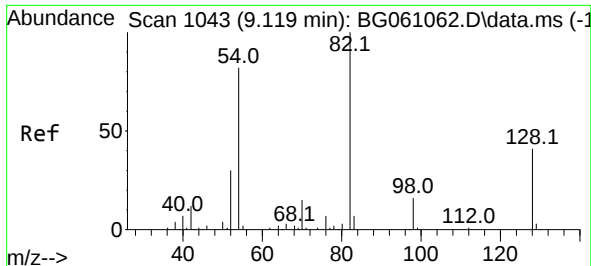
Tgt Ion: 99 Resp: 144042
Ion Ratio Lower Upper
99 100
42 32.8 29.2 43.8
71 46.8 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1316
Delta R.T. -0.036 min
Lab File: BG061165.D
Acq: 10 May 2024 16:16

Tgt Ion:136 Resp: 103783
Ion Ratio Lower Upper
136 100
137 11.6 7.8 11.6
54 10.9 8.1 12.1
68 3.8 3.0 4.4





#23

Nitrobenzene-d5

Concen: 50.191 ng

RT: 9.083 min Scan# 1043

Delta R.T. -0.036 min

Lab File: BG061165.D

Acq: 10 May 2024 16:16

Instrument :

BNA_G

ClientSampleId :

WCS-TP-F

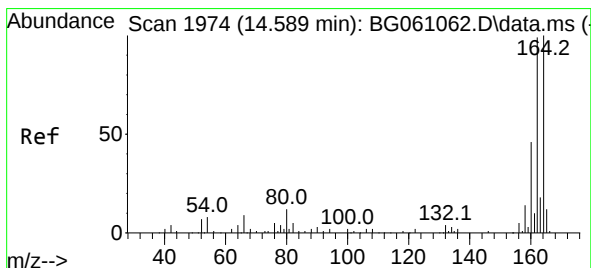
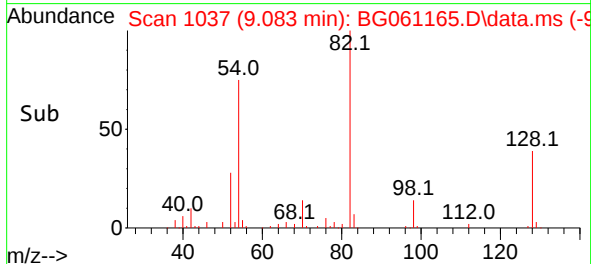
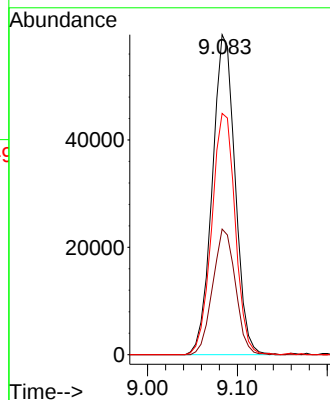
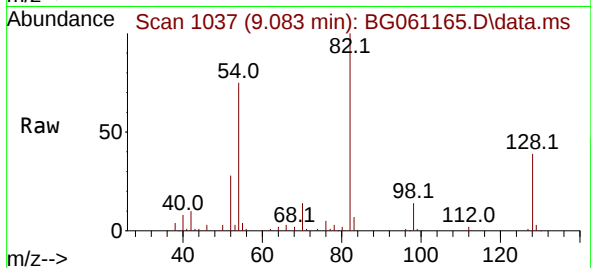
Tgt Ion: 82 Resp: 105079

Ion Ratio Lower Upper

82 100

128 39.2 32.7 49.1

54 75.4 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.559 min Scan# 1969

Delta R.T. -0.030 min

Lab File: BG061165.D

Acq: 10 May 2024 16:16

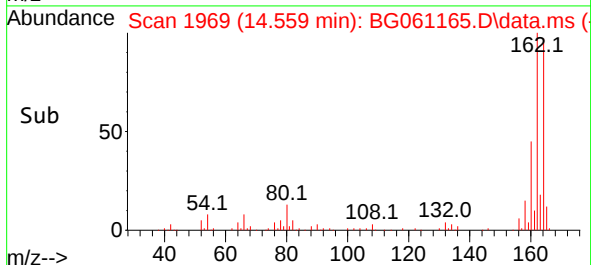
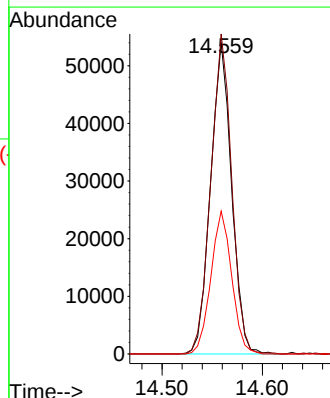
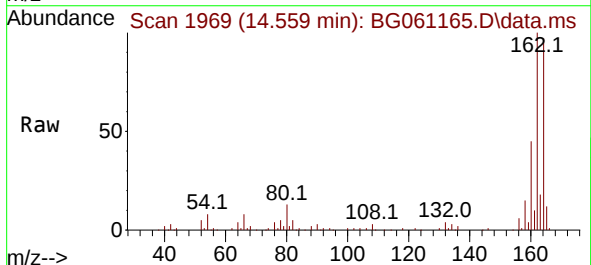
Tgt Ion:164 Resp: 78412

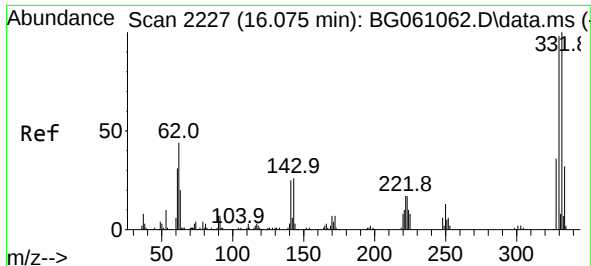
Ion Ratio Lower Upper

164 100

162 102.8 79.4 119.2

160 45.8 37.0 55.6

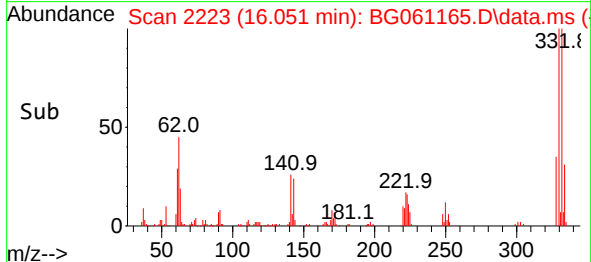
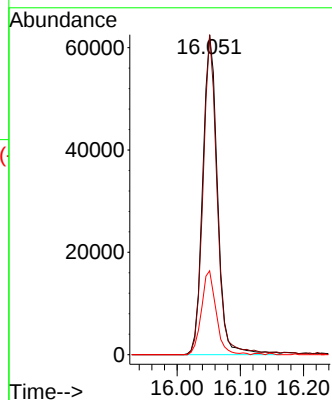
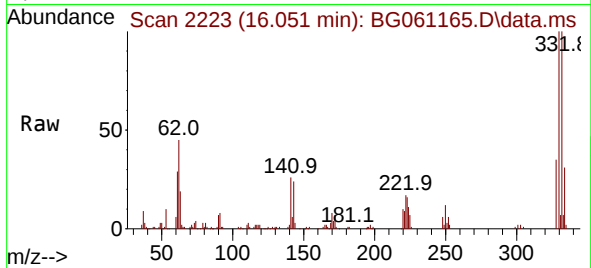




#42
2,4,6-Tribromophenol
Concen: 64.751 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.024 min
Lab File: BG061165.D
Acq: 10 May 2024 16:16

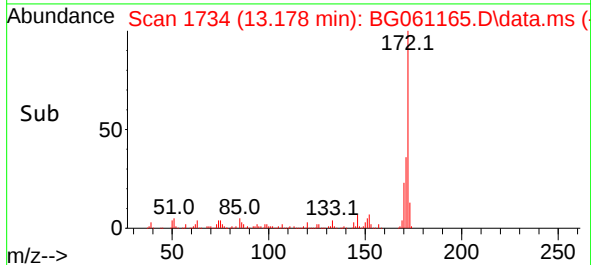
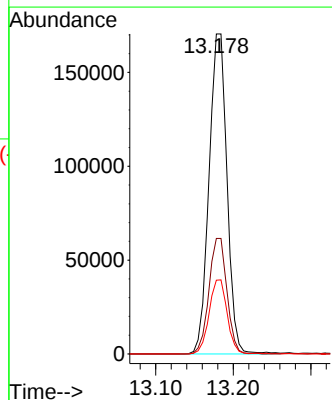
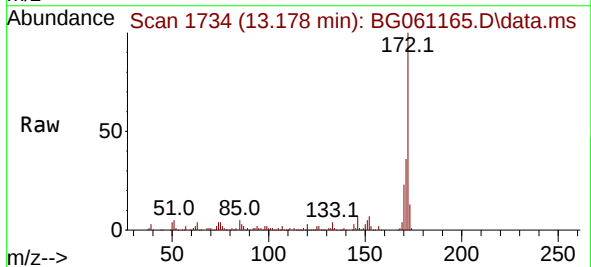
Instrument :
BNA_G
ClientSampleId :
WCS-TP-F

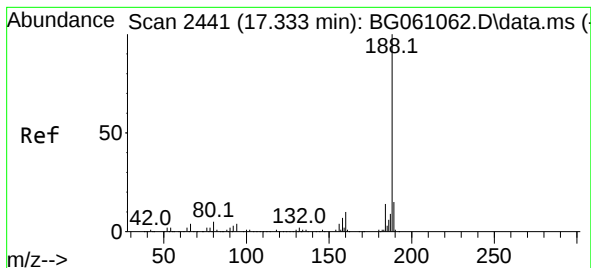
Tgt Ion:330 Resp: 101486
Ion Ratio Lower Upper
330 100
332 96.2 78.6 117.8
141 26.0 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 51.809 ng
RT: 13.178 min Scan# 1734
Delta R.T. -0.030 min
Lab File: BG061165.D
Acq: 10 May 2024 16:16

Tgt Ion:172 Resp: 274729
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.1 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 2441

Delta R.T. -0.024 min

Lab File: BG061165.D

Acq: 10 May 2024 16:16

Instrument :

BNA_G

ClientSampleId :

WCS-TP-F

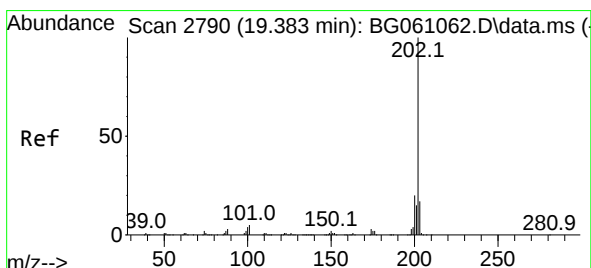
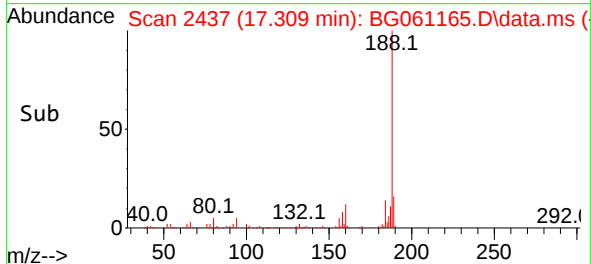
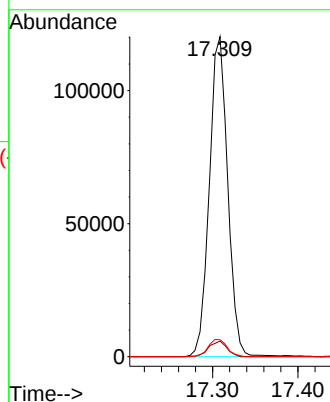
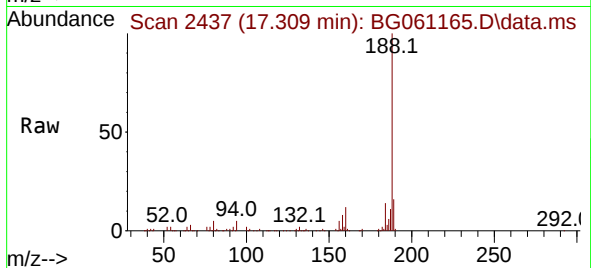
Tgt Ion:188 Resp: 179794

Ion Ratio Lower Upper

188 100

94 4.9 3.6 5.4

80 5.3 4.2 6.2



#75

Fluoranthene

Concen: 3.115 ng

RT: 19.365 min Scan# 2787

Delta R.T. -0.018 min

Lab File: BG061165.D

Acq: 10 May 2024 16:16

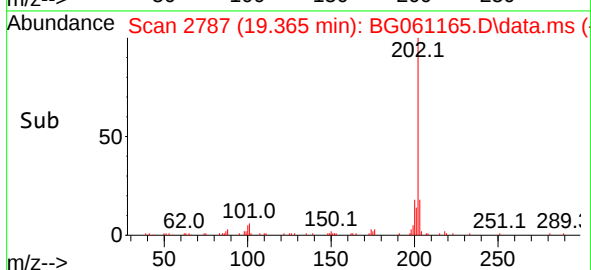
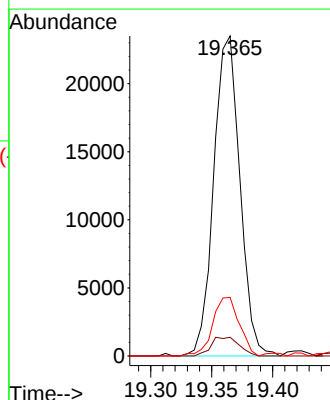
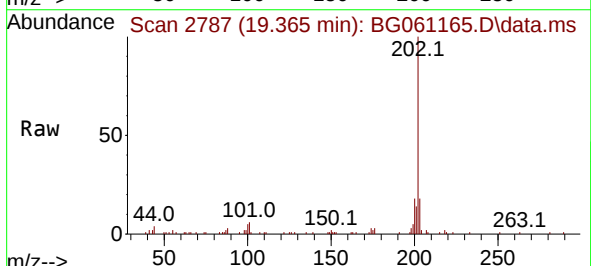
Tgt Ion:202 Resp: 35077

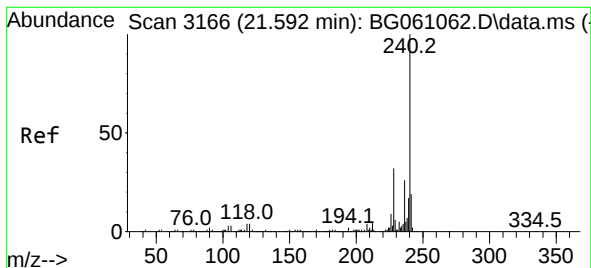
Ion Ratio Lower Upper

202 100

101 5.9 0.0 24.7

203 18.3 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3162

Delta R.T. -0.024 min

Lab File: BG061165.D

Acq: 10 May 2024 16:16

Instrument :

BNA_G

ClientSampleId :

WCS-TP-F

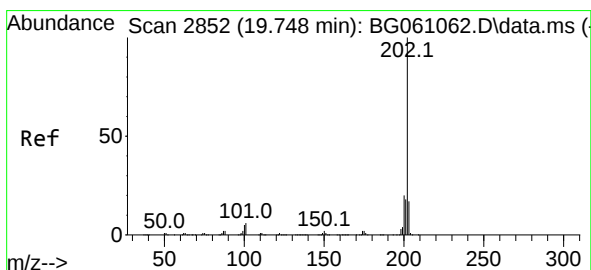
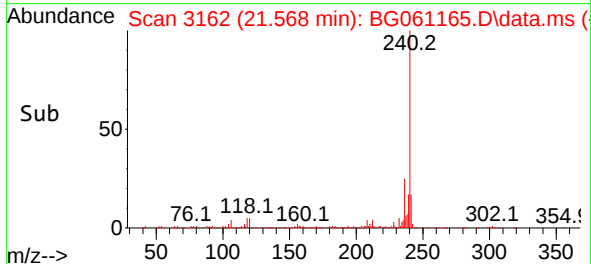
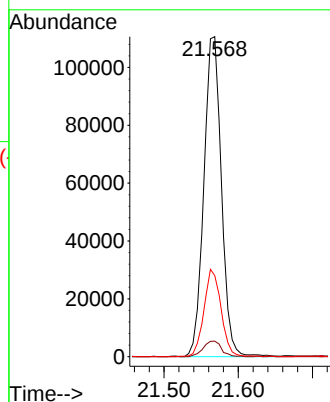
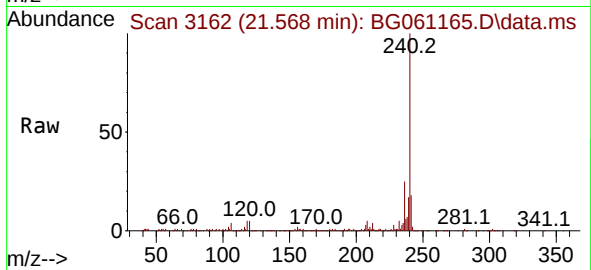
Tgt Ion:240 Resp: 182456

Ion Ratio Lower Upper

240 100

120 4.9 3.2 4.8#

236 25.4 21.0 31.6



#78

Pyrene

Concen: 2.616 ng

RT: 19.723 min Scan# 2848

Delta R.T. -0.024 min

Lab File: BG061165.D

Acq: 10 May 2024 16:16

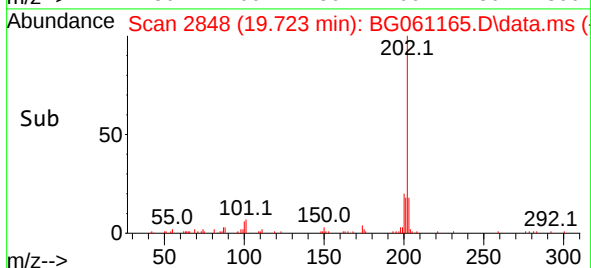
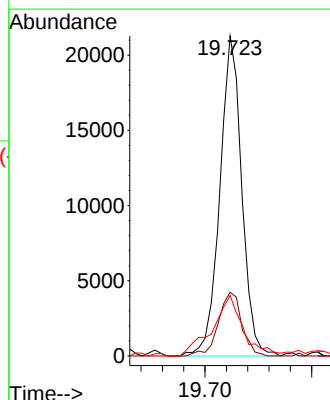
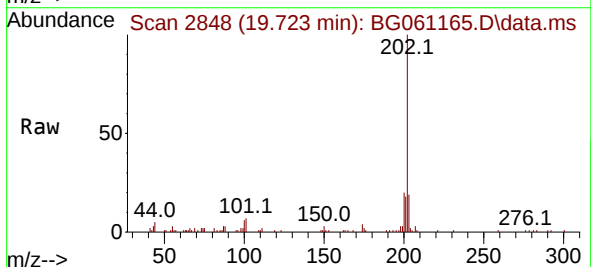
Tgt Ion:202 Resp: 30345

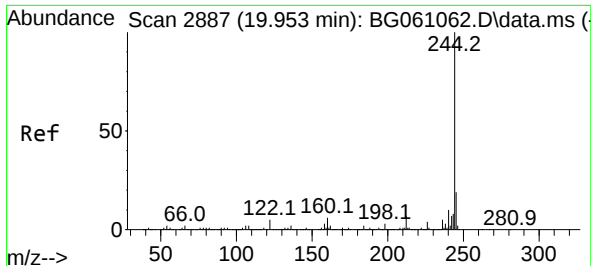
Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.4

203 18.9 13.3 19.9

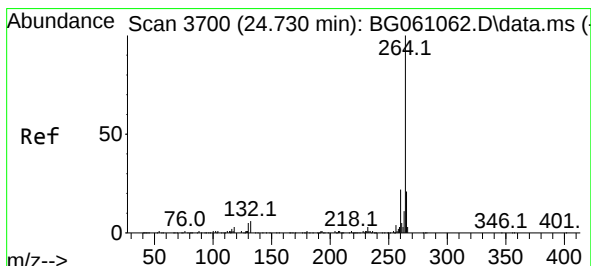
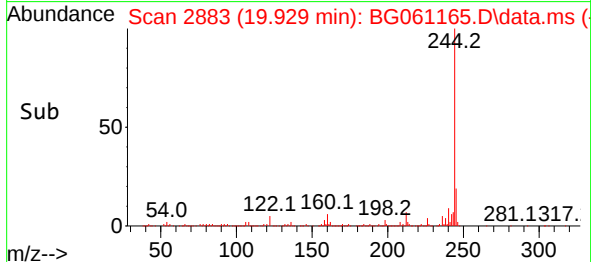
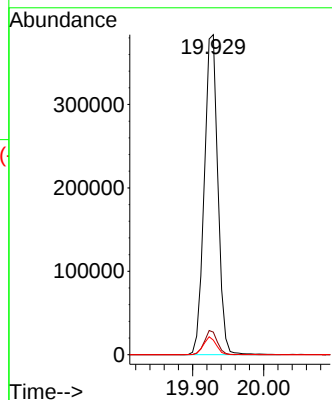
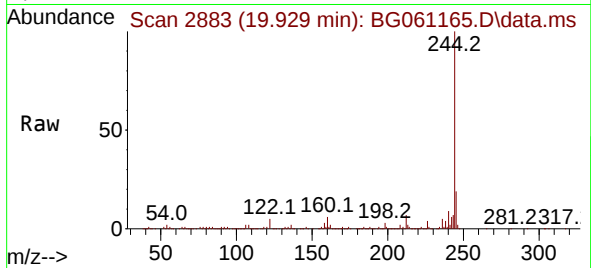




#79
Terphenyl-d14
Concen: 46.560 ng
RT: 19.929 min Scan# 21
Delta R.T. -0.024 min
Lab File: BG061165.D
Acq: 10 May 2024 16:16

Instrument :
BNA_G
ClientSampleId :
WCS-TP-F

Tgt Ion:244 Resp: 510786
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 4.6 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.688 min Scan# 3693
Delta R.T. -0.042 min
Lab File: BG061165.D
Acq: 10 May 2024 16:16

Tgt Ion:264 Resp: 215995
Ion Ratio Lower Upper
264 100
260 24.7 17.7 26.5
265 21.0 16.4 24.6

