

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061210.D
 Acq On : 15 May 2024 17:43
 Operator : MA/JU
 Sample : P2468-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-MH-II

Quant Time: May 15 18:28:56 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)

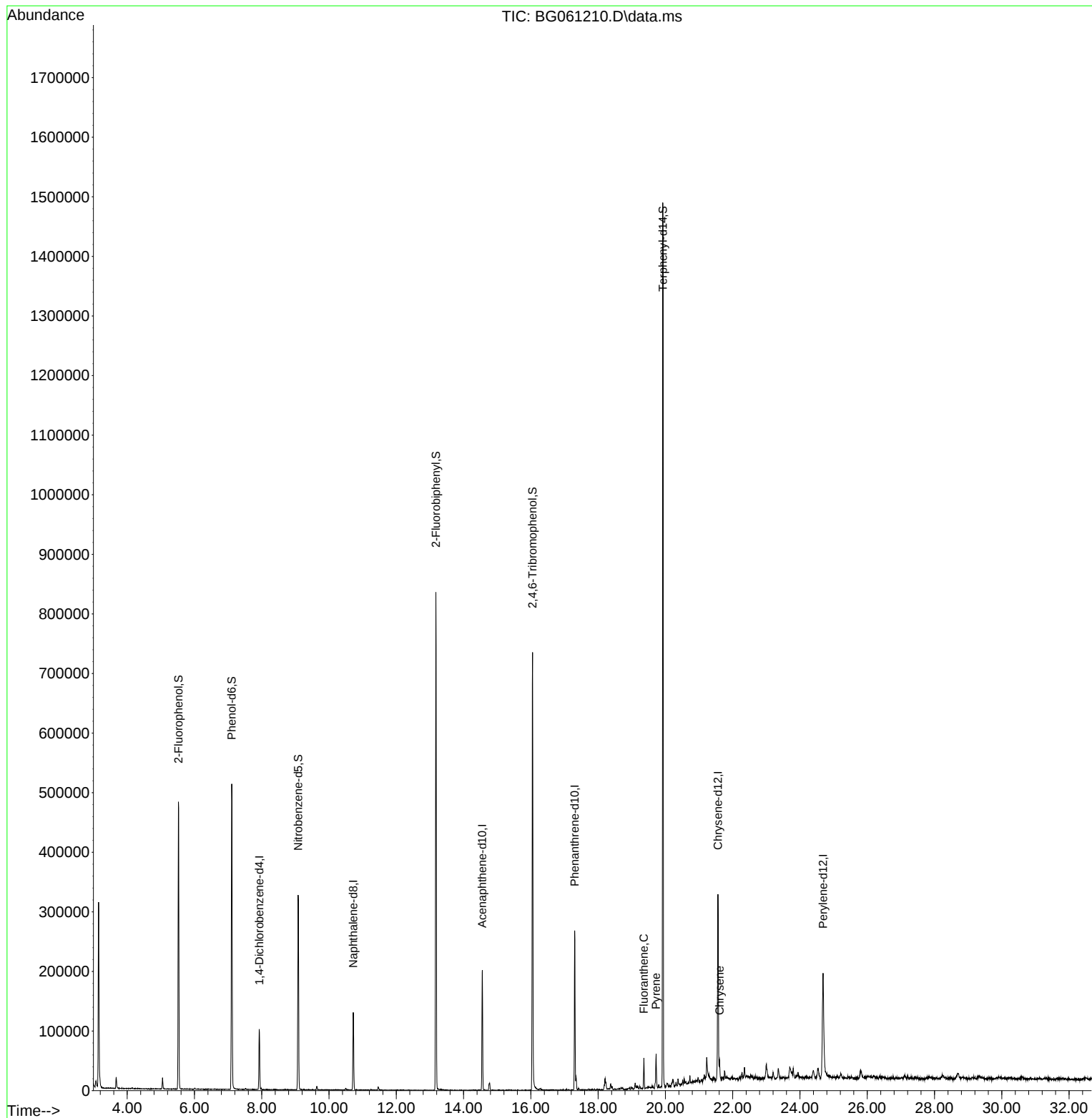
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	25879	20.000	ng	-0.04
21) Naphthalene-d8	10.722	136	101939	20.000	ng	-0.04
39) Acenaphthene-d10	14.553	164	76414	20.000	ng	-0.04
64) Phenanthrene-d10	17.302	188	174268	20.000	ng	#-0.03
76) Chrysene-d12	21.562	240	181229	20.000	ng	-0.03
86) Perylene-d12	24.688	264	217518	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	171129	134.484	ng	-0.02
7) Phenol-d6	7.108	99	230273	122.329	ng	-0.02
23) Nitrobenzene-d5	9.083	82	166380	80.909	ng	-0.04
42) 2,4,6-Tribromophenol	16.051	330	167586	109.721	ng	-0.02
45) 2-Fluorobiphenyl	13.178	172	433345	83.858	ng	-0.03
79) Terphenyl-d14	19.923	244	791545	72.640	ng	-0.03
Target Compounds						
						Qvalue
75) Fluoranthene	19.359	202	32102	2.941	ng	95
78) Pyrene	19.723	202	36620	3.178	ng	96
83) Chrysene	21.609	228	23251	2.093	ng	94

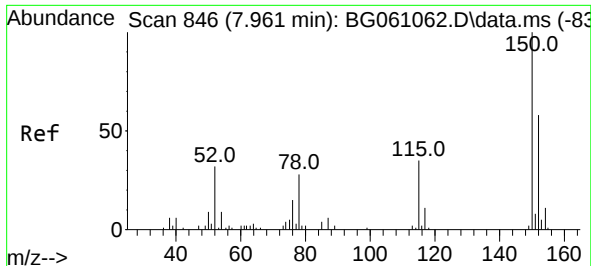
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
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Quant Time: May 15 18:28:56 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
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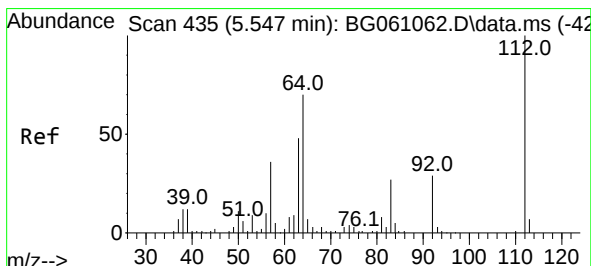
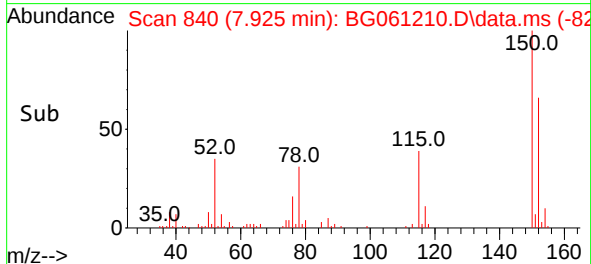
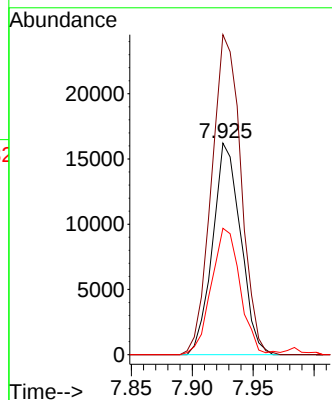
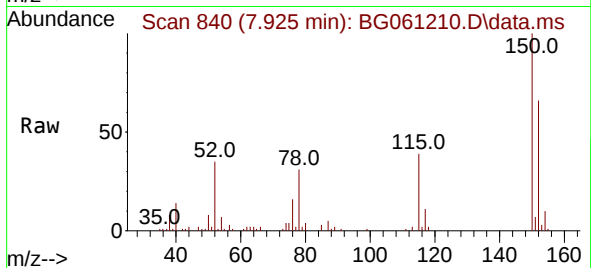




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 84
Delta R.T. -0.036 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

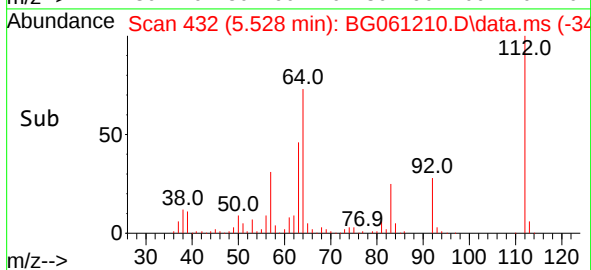
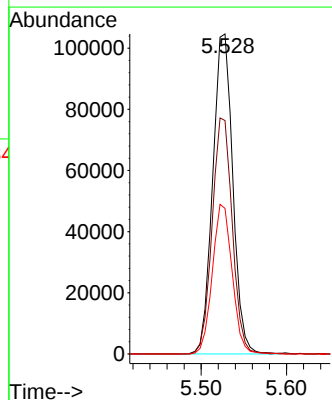
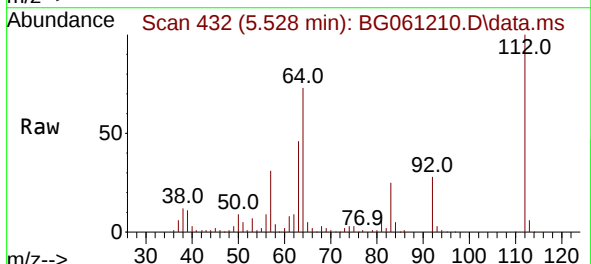
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

Tgt Ion:152 Resp: 25879
Ion Ratio Lower Upper
152 100
150 151.3 138.3 207.5
115 59.7 48.0 72.0



#5
2-Fluorophenol
Concen: 134.484 ng
RT: 5.528 min Scan# 432
Delta R.T. -0.019 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

Tgt Ion:112 Resp: 171129
Ion Ratio Lower Upper
112 100
64 72.9 55.7 83.5
63 45.5 38.1 57.1

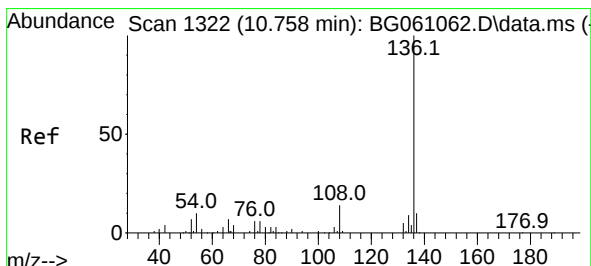
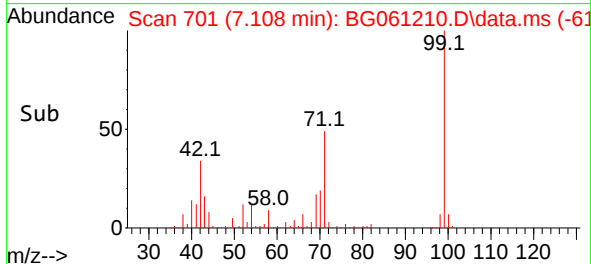
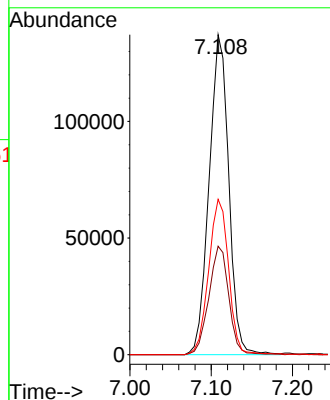
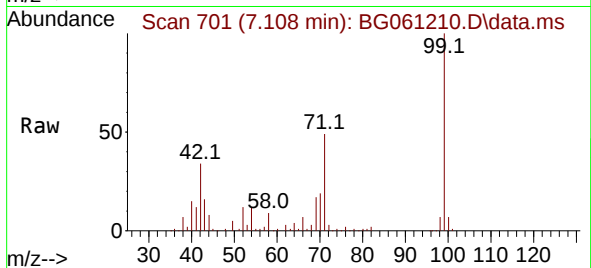




#7
Phenol-d6
Concen: 122.329 ng
RT: 7.108 min Scan# 705
Delta R.T. -0.025 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

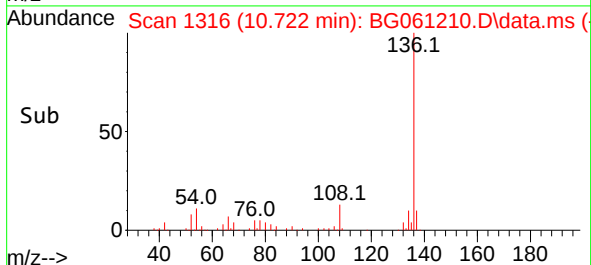
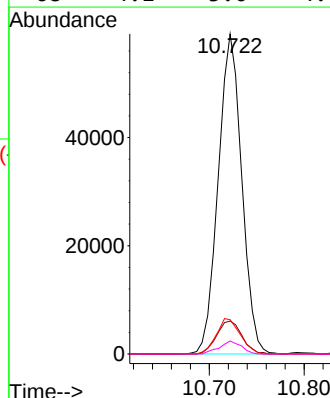
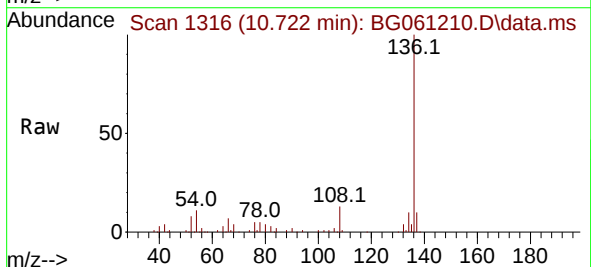
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

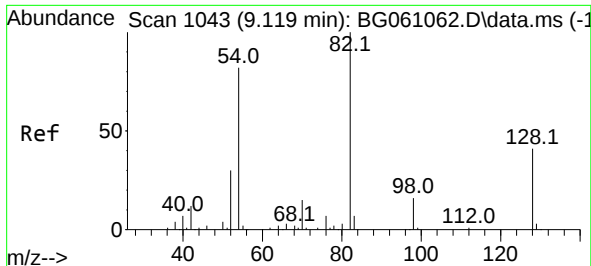
Tgt Ion: 99 Resp: 230273
Ion Ratio Lower Upper
99 100
42 33.9 29.2 43.8
71 48.5 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1316
Delta R.T. -0.036 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

Tgt Ion:136 Resp: 101939
Ion Ratio Lower Upper
136 100
137 10.3 7.8 11.6
54 10.7 8.1 12.1
68 4.1 3.0 4.4





#23

Nitrobenzene-d5

Concen: 80.909 ng

RT: 9.083 min Scan# 1043

Delta R.T. -0.036 min

Lab File: BG061210.D

Acq: 15 May 2024 17:43

Instrument :

BNA_G

ClientSampleId :

WC-MH-II

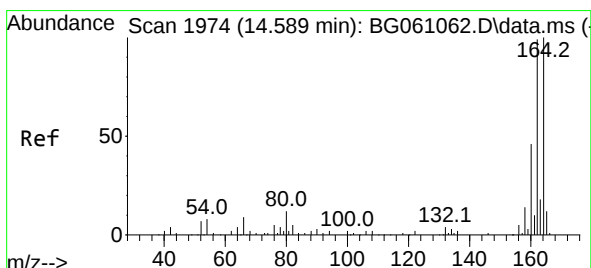
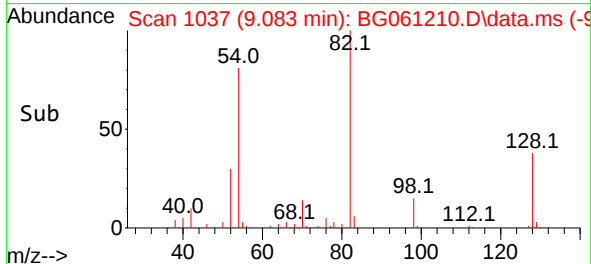
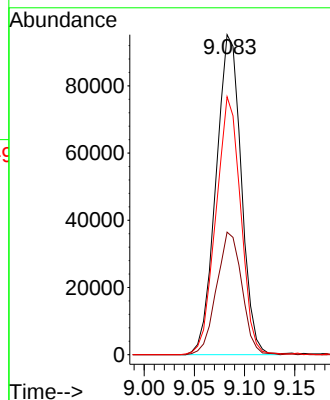
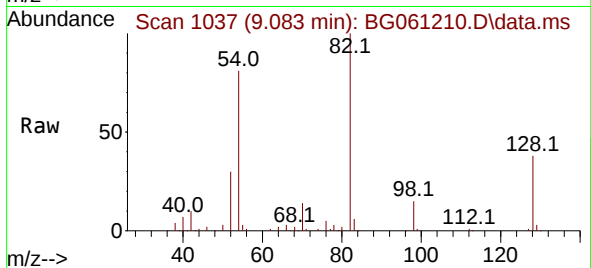
Tgt Ion: 82 Resp: 166380

Ion Ratio Lower Upper

82 100

128 38.3 32.7 49.1

54 80.6 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.553 min Scan# 1968

Delta R.T. -0.036 min

Lab File: BG061210.D

Acq: 15 May 2024 17:43

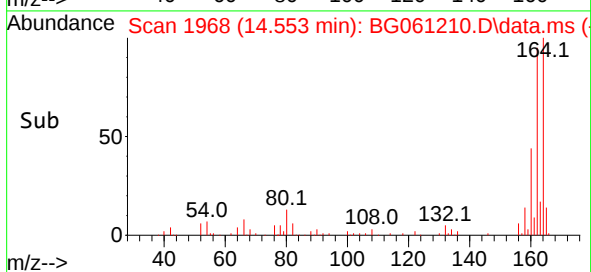
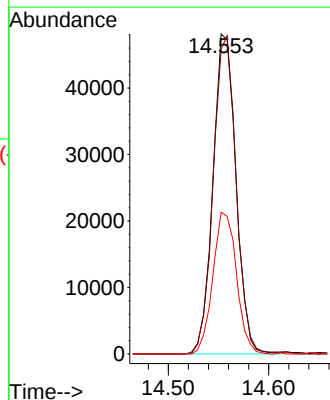
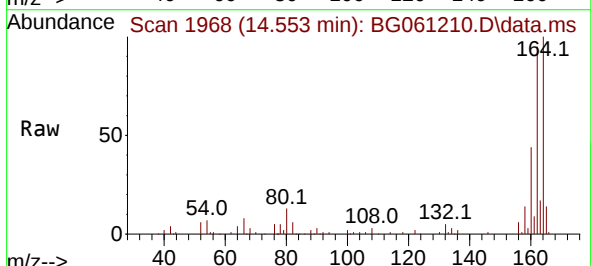
Tgt Ion:164 Resp: 76414

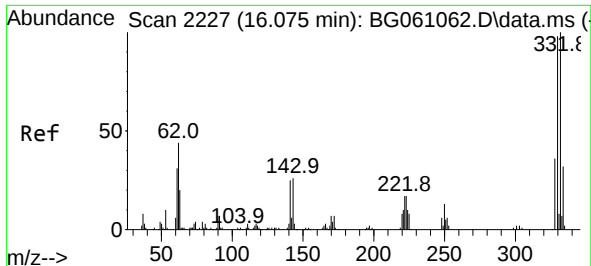
Ion Ratio Lower Upper

164 100

162 95.2 79.4 119.2

160 44.3 37.0 55.6

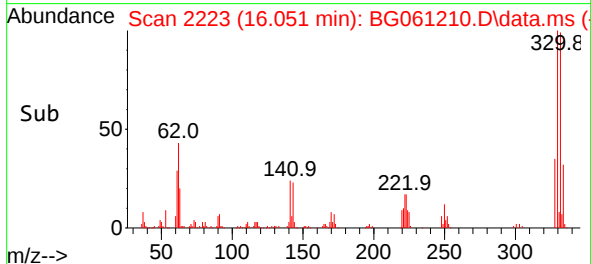
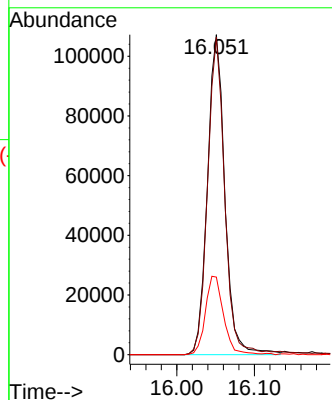
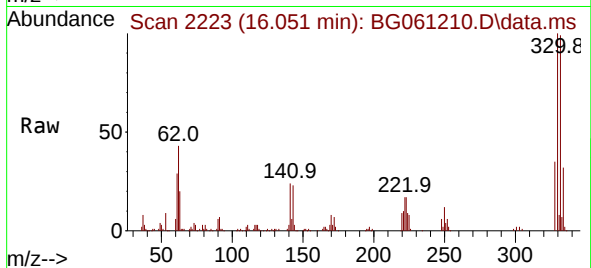




#42
2,4,6-Tribromophenol
Concen: 109.721 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.025 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

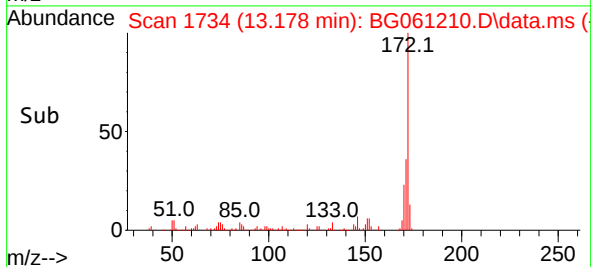
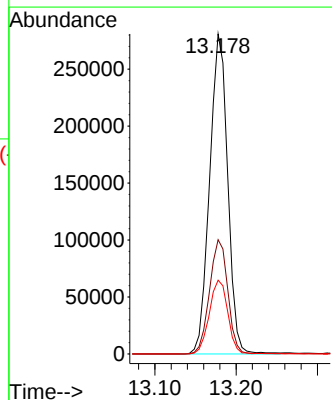
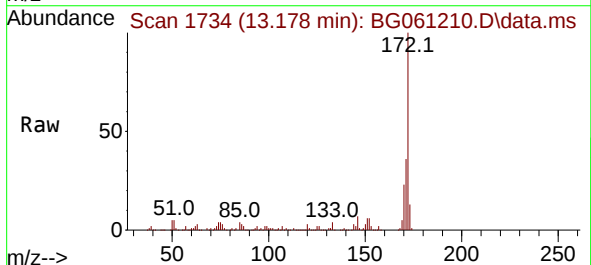
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

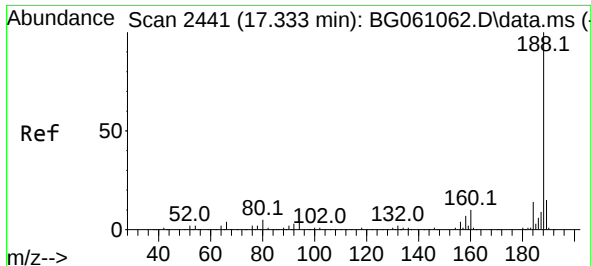
Tgt Ion:330 Resp: 167586
Ion Ratio Lower Upper
330 100
332 98.5 78.6 117.8
141 25.6 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 83.858 ng
RT: 13.178 min Scan# 1734
Delta R.T. -0.030 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

Tgt Ion:172 Resp: 433345
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.1 20.2 30.4

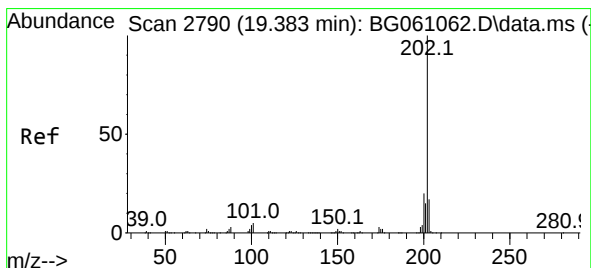
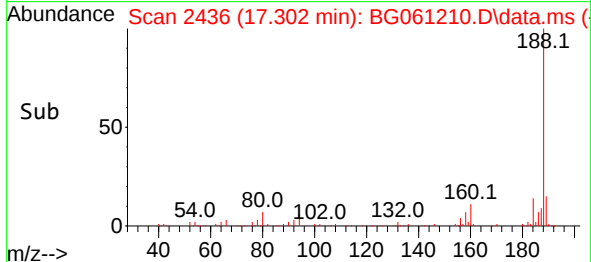
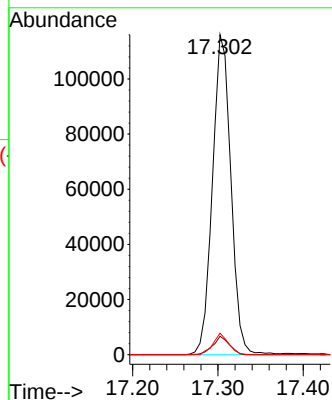
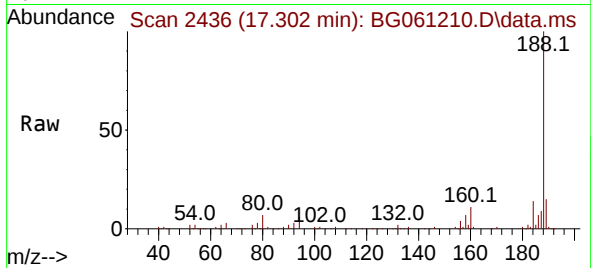




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.302 min Scan# 2441
Delta R.T. -0.030 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

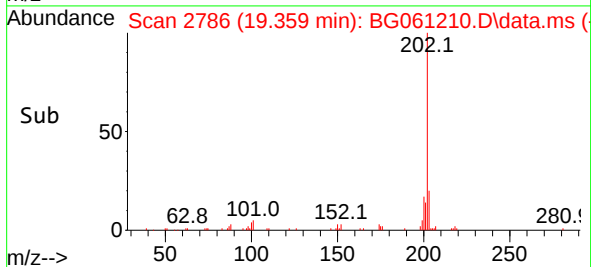
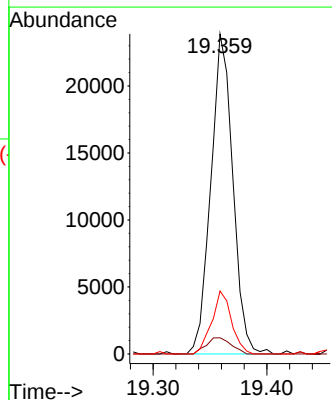
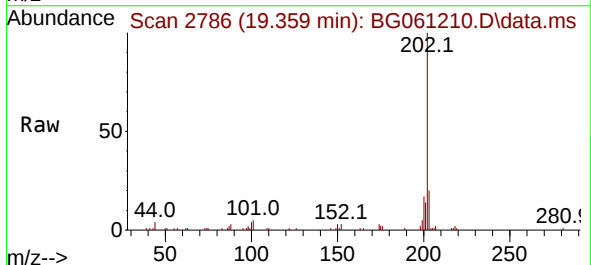
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

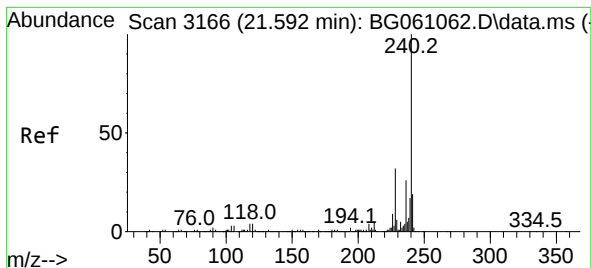
Tgt Ion:188 Resp: 174268
Ion Ratio Lower Upper
188 100
94 5.8 3.6 5.4#
80 6.7 4.2 6.2#



#75
Fluoranthene
Concen: 2.941 ng
RT: 19.359 min Scan# 2786
Delta R.T. -0.025 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

Tgt Ion:202 Resp: 32102
Ion Ratio Lower Upper
202 100
101 5.0 0.0 24.7
203 19.7 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 31

Delta R.T. -0.030 min

Lab File: BG061210.D

Acq: 15 May 2024 17:43

Instrument :

BNA_G

ClientSampleId :

WC-MH-II

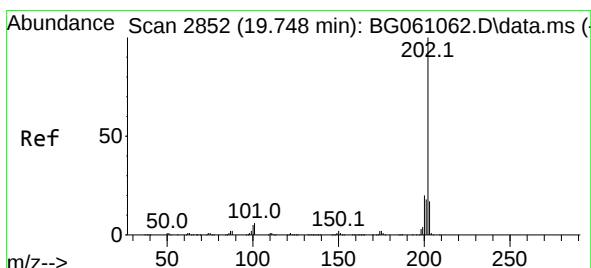
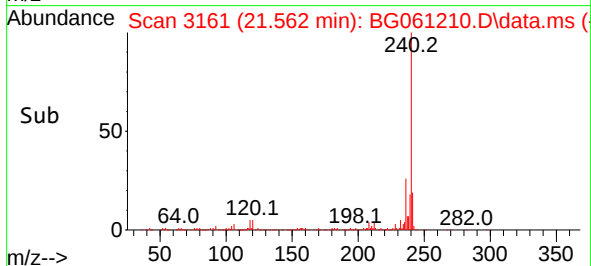
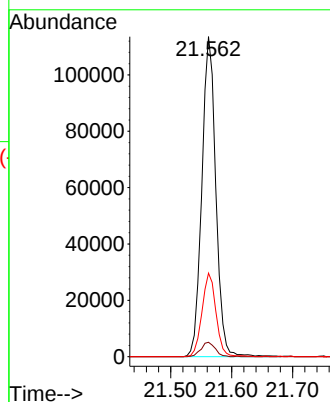
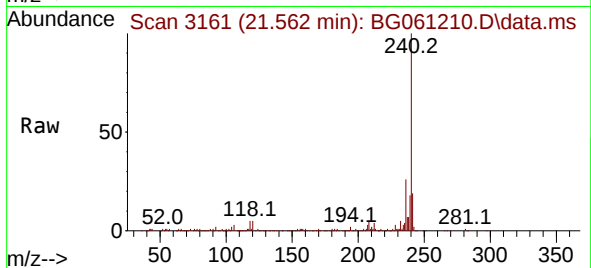
Tgt Ion:240 Resp: 181229

Ion Ratio Lower Upper

240 100

120 4.5 3.2 4.8

236 26.1 21.0 31.6



#78

Pyrene

Concen: 3.178 ng

RT: 19.723 min Scan# 2848

Delta R.T. -0.025 min

Lab File: BG061210.D

Acq: 15 May 2024 17:43

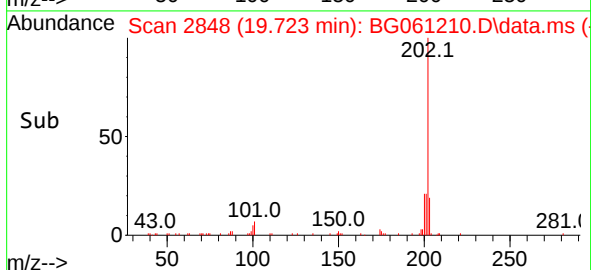
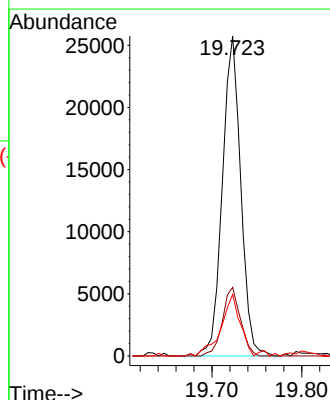
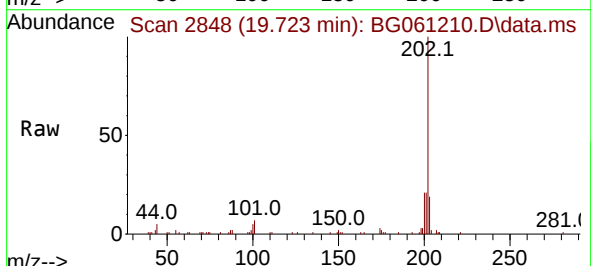
Tgt Ion:202 Resp: 36620

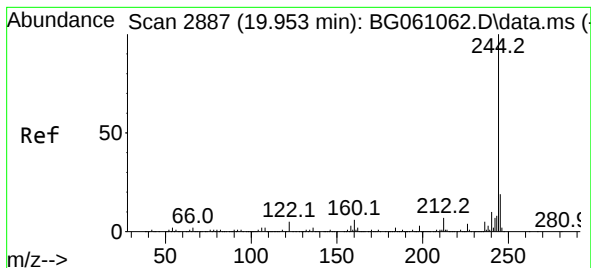
Ion Ratio Lower Upper

202 100

200 21.5 16.2 24.4

203 19.2 13.3 19.9





#79

Terphenyl-d14

Concen: 72.640 ng

RT: 19.923 min Scan# 2

Delta R.T. -0.030 min

Lab File: BG061210.D

Acq: 15 May 2024 17:43

Instrument :

BNA_G

ClientSampleId :

WC-MH-II

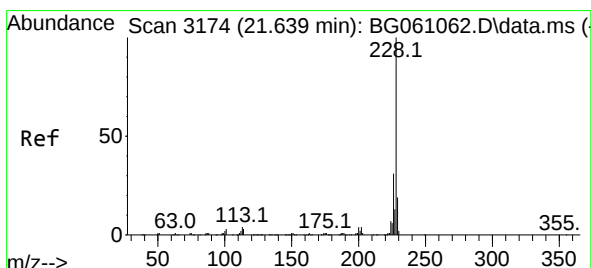
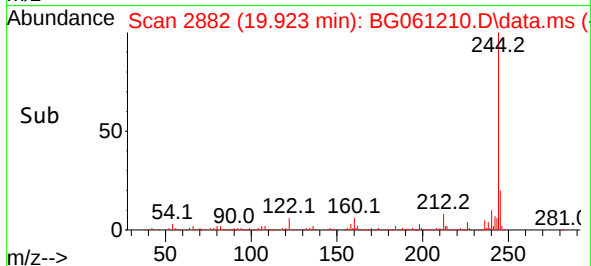
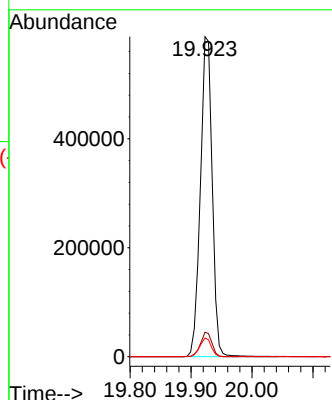
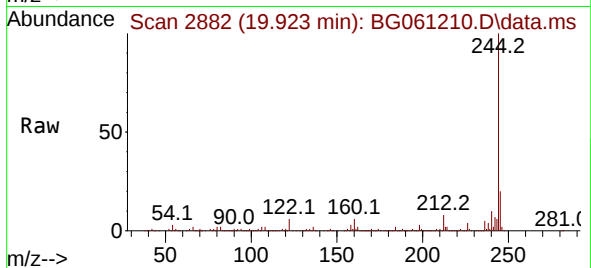
Tgt Ion:244 Resp: 791545

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 5.9 4.2 6.2



#83

Chrysene

Concen: 2.093 ng

RT: 21.609 min Scan# 3169

Delta R.T. -0.030 min

Lab File: BG061210.D

Acq: 15 May 2024 17:43

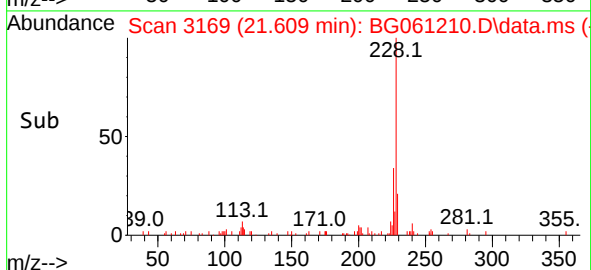
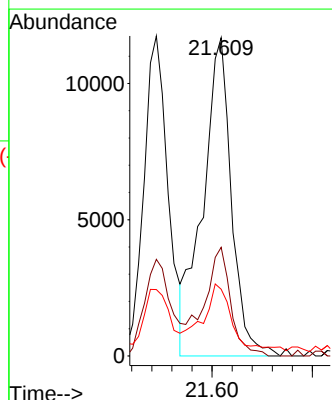
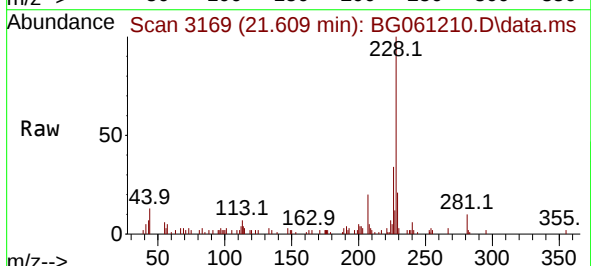
Tgt Ion:228 Resp: 23251

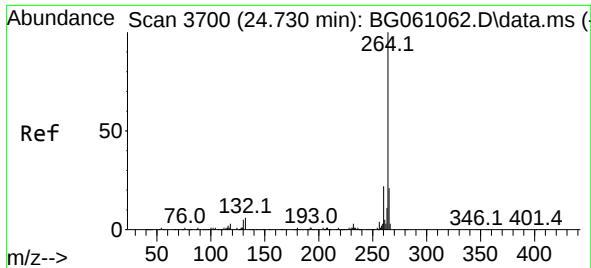
Ion Ratio Lower Upper

228 100

226 34.1 24.4 36.6

229 20.9 14.8 22.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.688 min Scan# 30
Delta R.T. -0.042 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

Instrument :
BNA_G
ClientSampleId :
WC-MH-II

Tgt Ion:264 Resp: 217518

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.7	26.5
265	20.5	16.4	24.6

