

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061191.D
 Acq On : 14 May 2024 15:53
 Operator : MA/JU
 Sample : P2330-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H-3(5.0-6.0)

Quant Time: May 14 16:31:20 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	7.924	152	24237	20.000	ng	-0.04
21) Naphthalene-d8	10.726	136	81316	20.000	ng	-0.03
39) Acenaphthene-d10	14.557	164	66517	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	181825	20.000	ng	-0.03
76) Chrysene-d12	21.561	240	193927	20.000	ng	-0.03
86) Perylene-d12	24.681	264	230250	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	106617	89.463	ng	-0.03
7) Phenol-d6	7.107	99	141923	80.502	ng	-0.03
23) Nitrobenzene-d5	9.087	82	94051	57.336	ng	-0.03
42) 2,4,6-Tribromophenol	16.050	330	108229	81.402	ng	-0.03
45) 2-Fluorobiphenyl	13.176	172	229771	51.080	ng	-0.03
79) Terphenyl-d14	19.922	244	531474	45.580	ng	-0.03

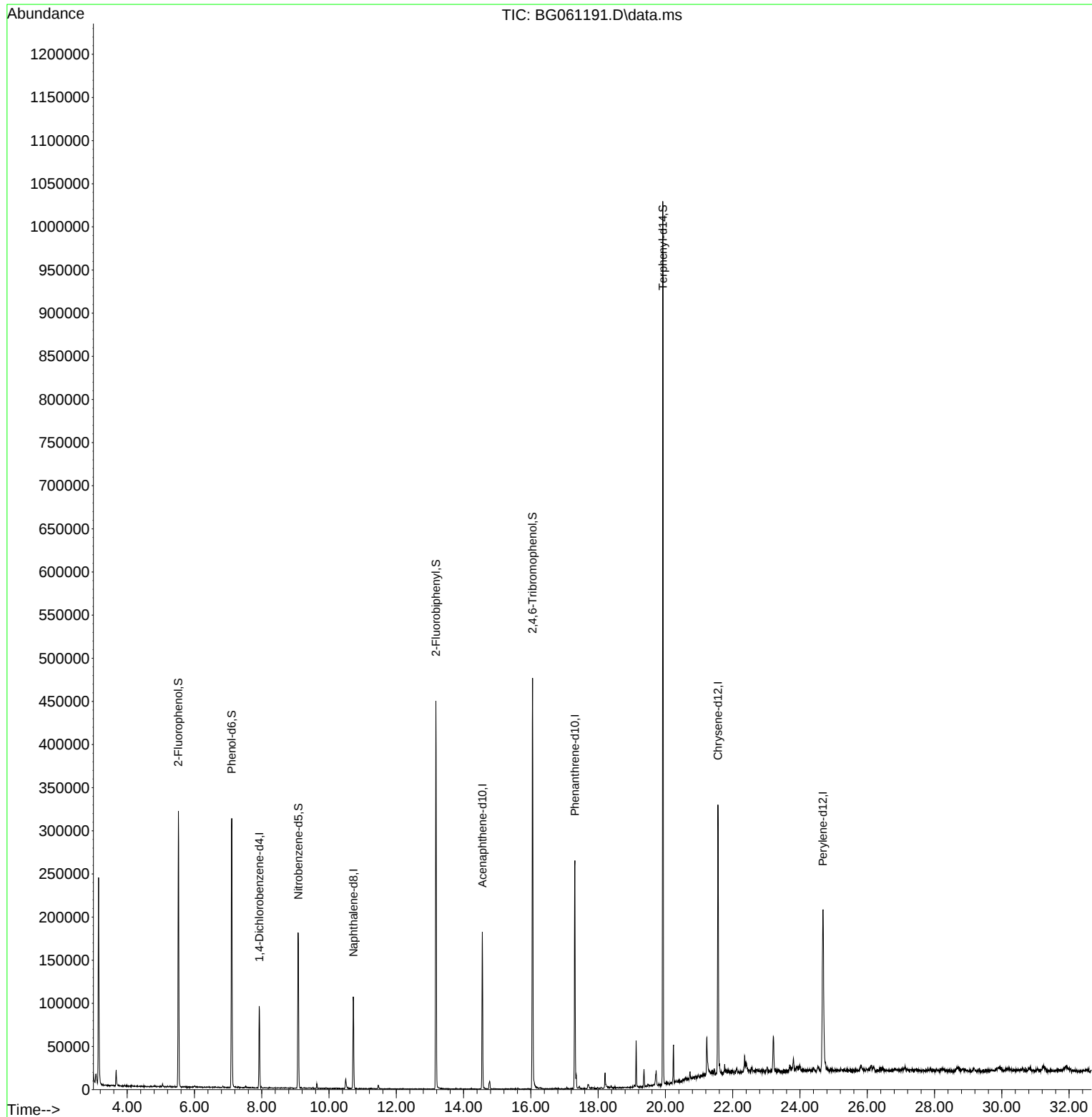
Target Compounds	Qvalue

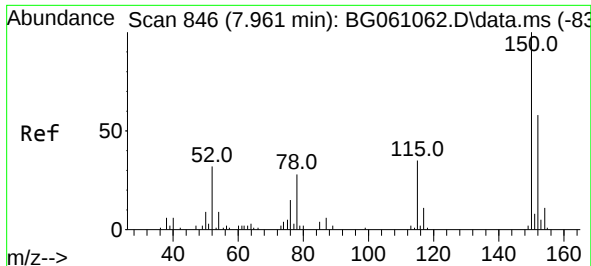
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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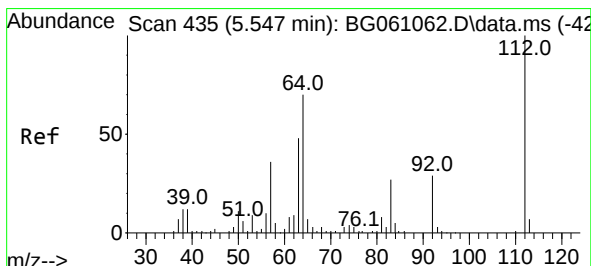
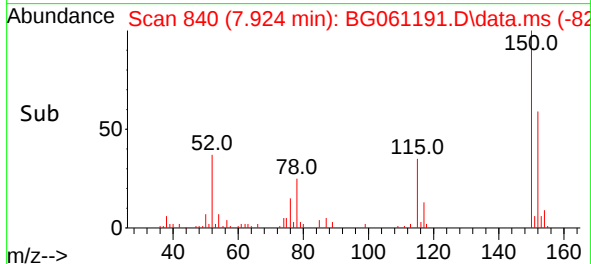
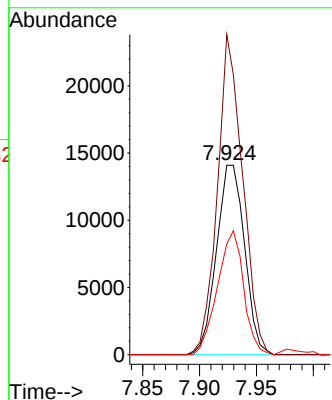
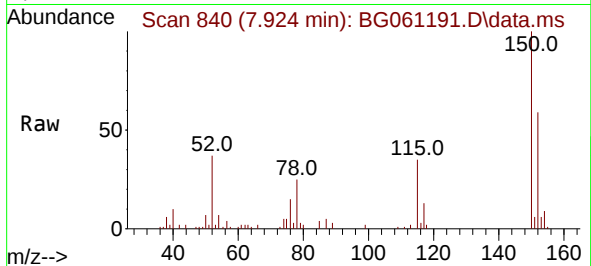




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 84
Delta R.T. -0.037 min
Lab File: BG061191.D
Acq: 14 May 2024 15:53

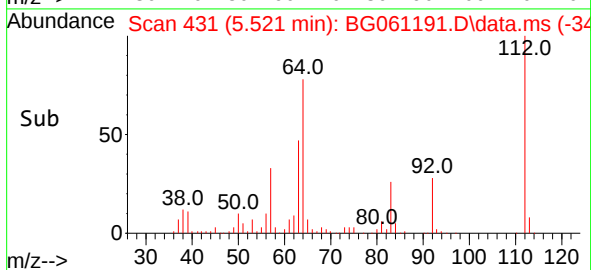
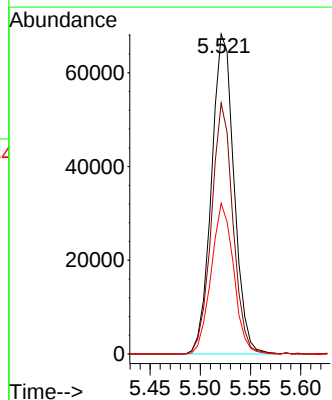
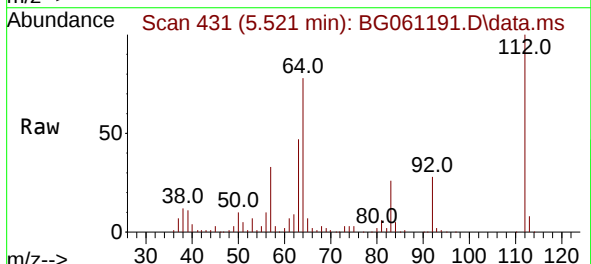
Instrument :
BNA_G
ClientSampleId :
H-3(5.0-6.0)

Tgt Ion:152 Resp: 24237
Ion Ratio Lower Upper
152 100
150 168.9 138.3 207.5
115 58.4 48.0 72.0



#5
2-Fluorophenol
Concen: 89.463 ng
RT: 5.521 min Scan# 431
Delta R.T. -0.026 min
Lab File: BG061191.D
Acq: 14 May 2024 15:53

Tgt Ion:112 Resp: 106617
Ion Ratio Lower Upper
112 100
64 78.3 55.7 83.5
63 47.1 38.1 57.1

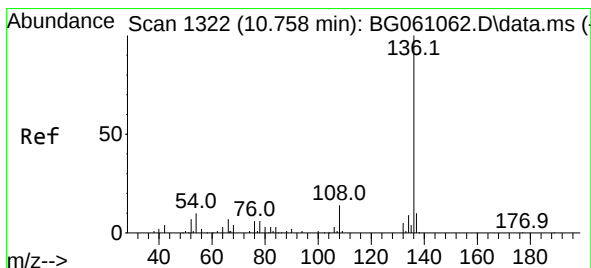
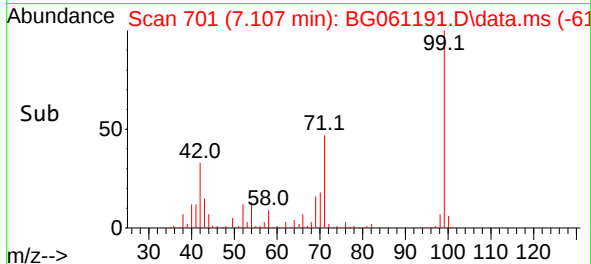
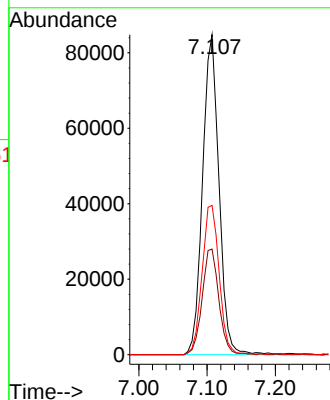
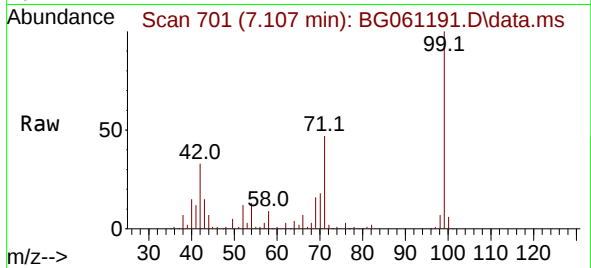




#7
Phenol-d6
Concen: 80.502 ng
RT: 7.107 min Scan# 705
Delta R.T. -0.026 min
Lab File: BG061191.D
Acq: 14 May 2024 15:53

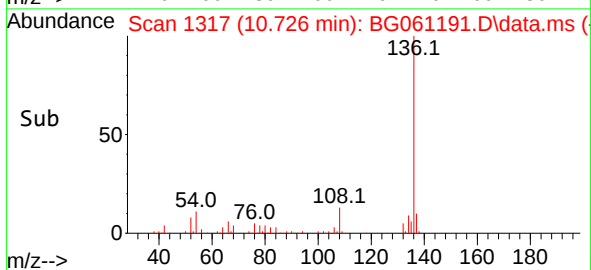
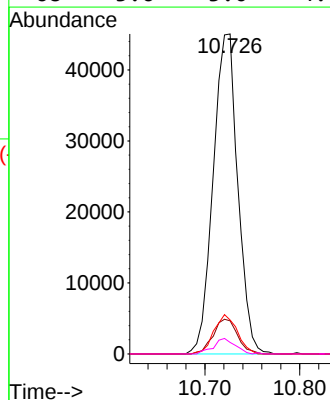
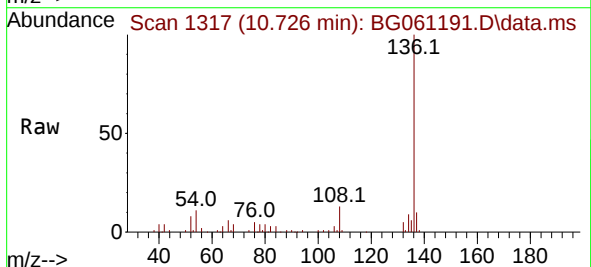
Instrument :
BNA_G
ClientSampleId :
H-3(5.0-6.0)

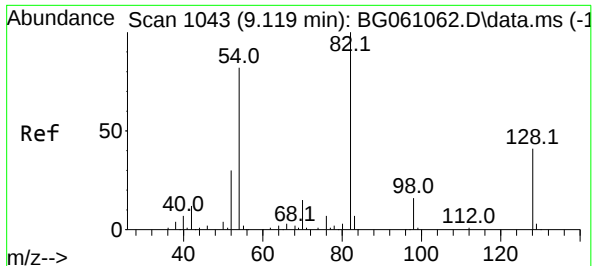
Tgt Ion: 99 Resp: 141923
Ion Ratio Lower Upper
99 100
42 33.0 29.2 43.8
71 46.7 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1317
Delta R.T. -0.032 min
Lab File: BG061191.D
Acq: 14 May 2024 15:53

Tgt Ion:136 Resp: 81316
Ion Ratio Lower Upper
136 100
137 10.4 7.8 11.6
54 10.6 8.1 12.1
68 3.6 3.0 4.4

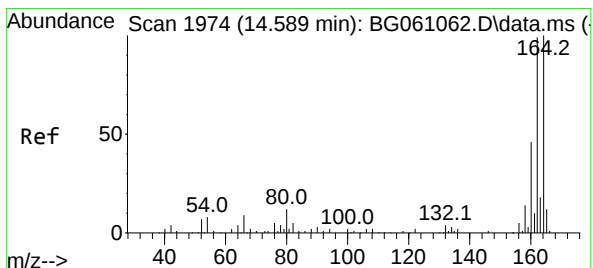
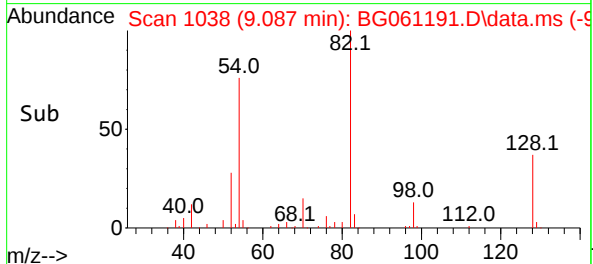
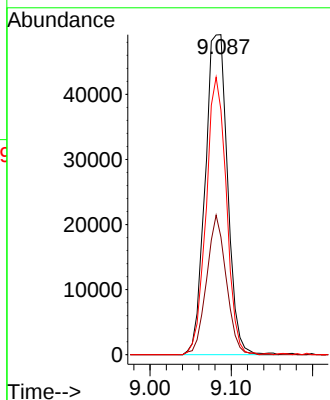
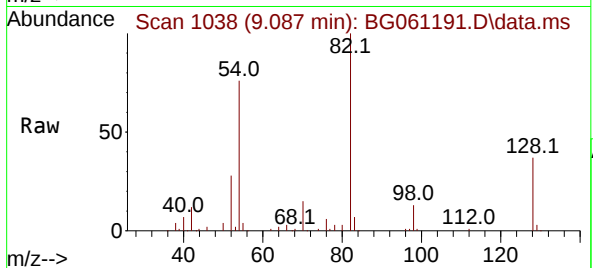




#23
Nitrobenzene-d5
Concen: 57.336 ng
RT: 9.087 min Scan# 1043
Delta R.T. -0.032 min
Lab File: BG061191.D
Acq: 14 May 2024 15:53

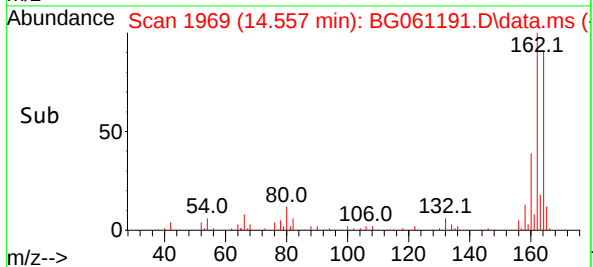
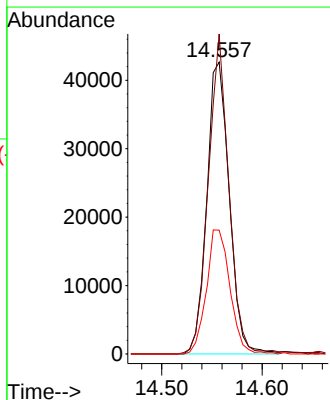
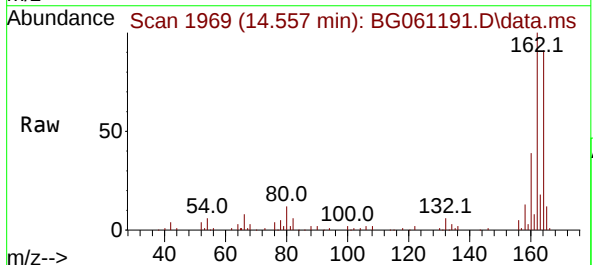
Instrument :
BNA_G
ClientSampleId :
H-3(5.0-6.0)

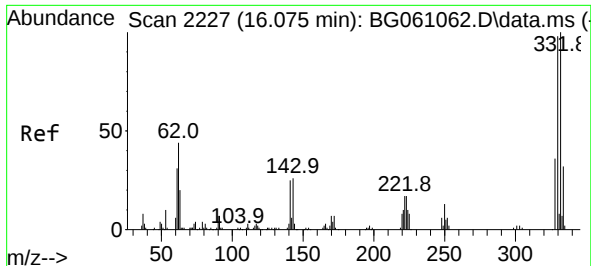
Tgt Ion: 82 Resp: 94051
Ion Ratio Lower Upper
82 100
128 36.7 32.7 49.1
54 76.4 65.6 98.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.032 min
Lab File: BG061191.D
Acq: 14 May 2024 15:53

Tgt Ion: 164 Resp: 66517
Ion Ratio Lower Upper
164 100
162 109.6 79.4 119.2
160 42.4 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 81.402 ng

RT: 16.050 min Scan# 21

Delta R.T. -0.026 min

Lab File: BG061191.D

Acq: 14 May 2024 15:53

Instrument :

BNA_G

ClientSampleId :

H-3(5.0-6.0)

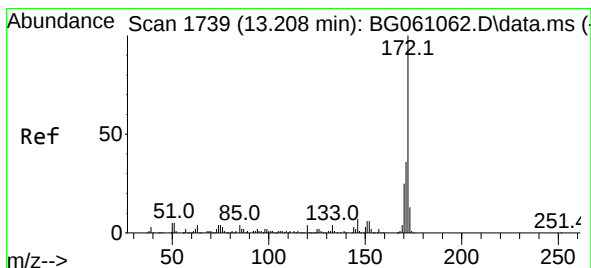
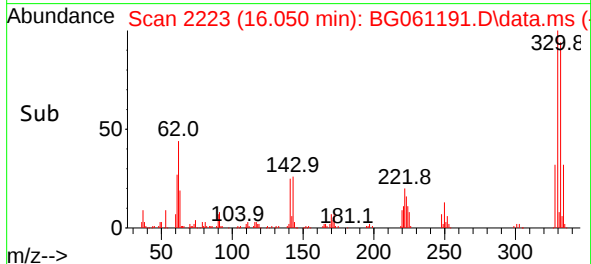
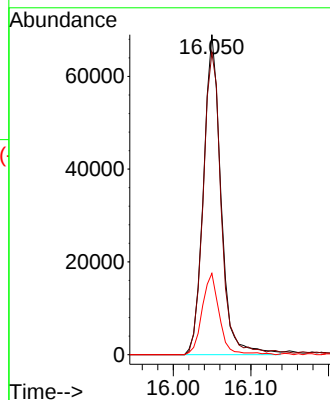
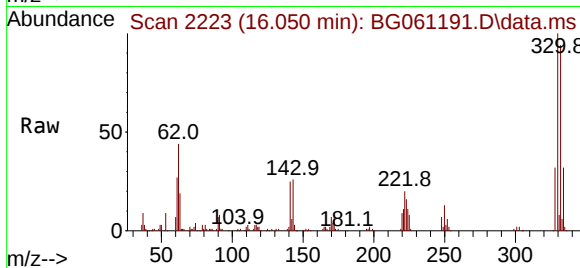
Tgt Ion:330 Resp: 108229

Ion Ratio Lower Upper

330 100

332 96.4 78.6 117.8

141 24.9 20.5 30.7



#45

2-Fluorobiphenyl

Concen: 51.080 ng

RT: 13.176 min Scan# 1734

Delta R.T. -0.032 min

Lab File: BG061191.D

Acq: 14 May 2024 15:53

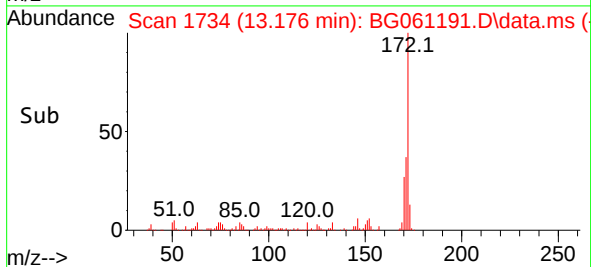
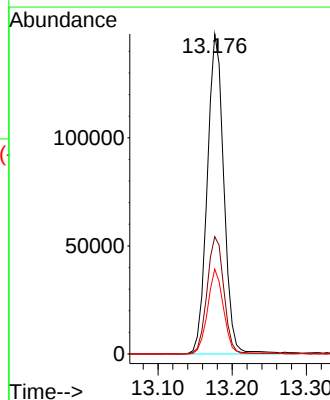
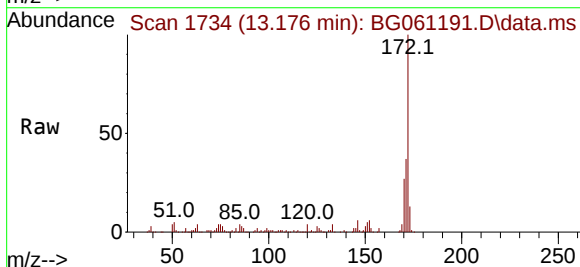
Tgt Ion:172 Resp: 229771

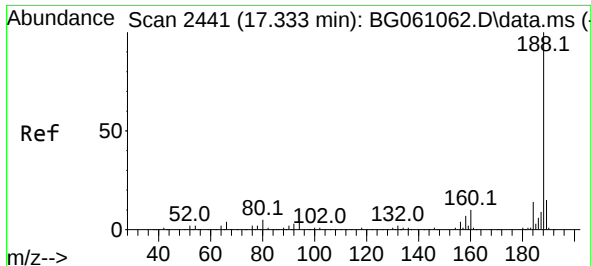
Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.6

170 26.5 20.2 30.4

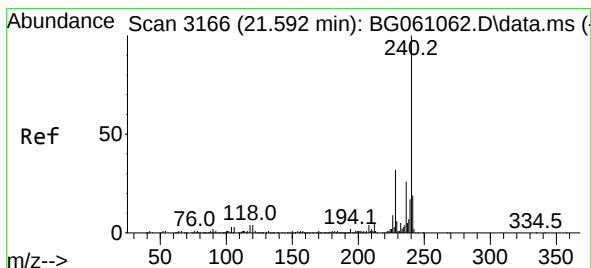
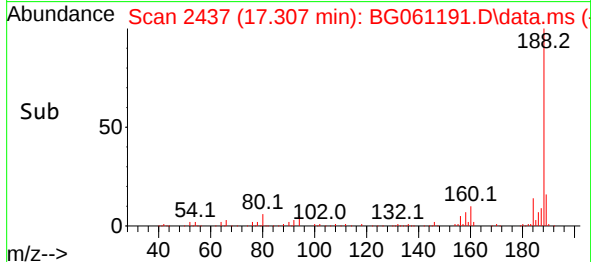
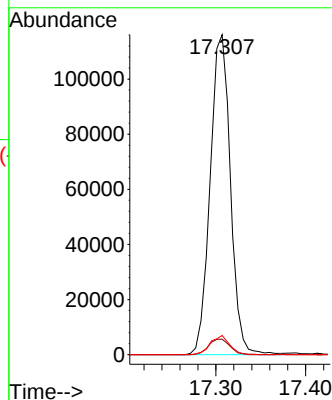
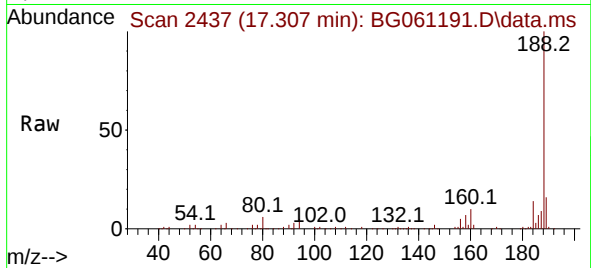




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2441
Delta R.T. -0.026 min
Lab File: BG061191.D
Acq: 14 May 2024 15:53

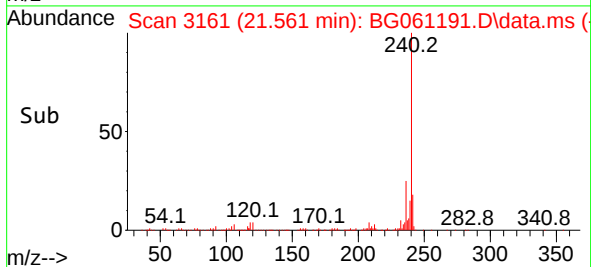
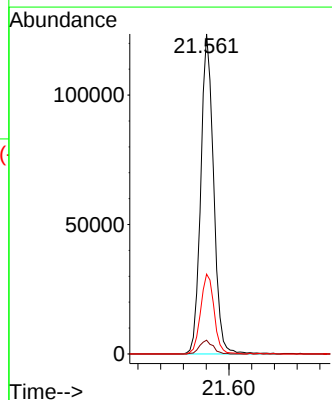
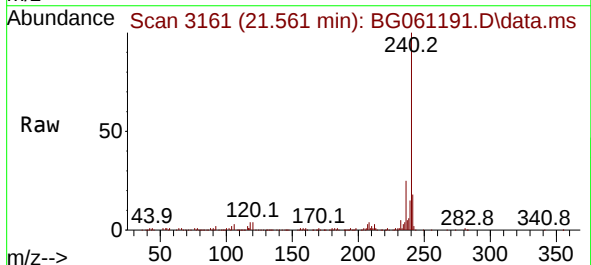
Instrument :
BNA_G
ClientSampleId :
H-3(5.0-6.0)

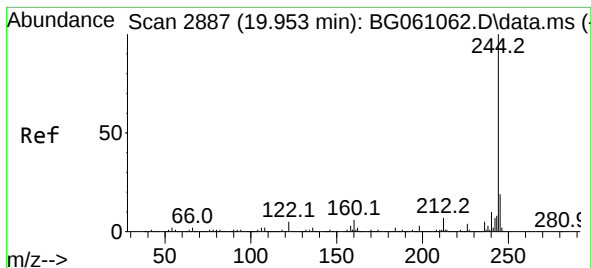
Tgt Ion:188 Resp: 181825
Ion Ratio Lower Upper
188 100
94 4.8 3.6 5.4
80 6.0 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.561 min Scan# 3161
Delta R.T. -0.032 min
Lab File: BG061191.D
Acq: 14 May 2024 15:53

Tgt Ion:240 Resp: 193927
Ion Ratio Lower Upper
240 100
120 4.3 3.2 4.8
236 25.0 21.0 31.6





#79

Terphenyl-d14

Concen: 45.580 ng

RT: 19.922 min Scan# 2

Delta R.T. -0.032 min

Lab File: BG061191.D

Acq: 14 May 2024 15:53

Instrument :

BNA_G

ClientSampleId :

H-3(5.0-6.0)

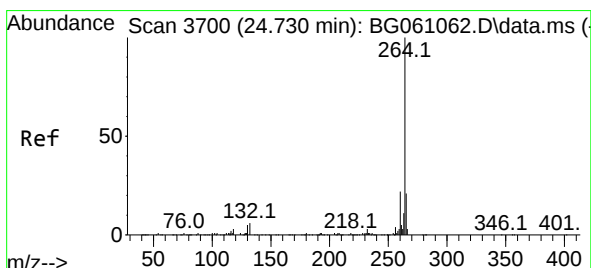
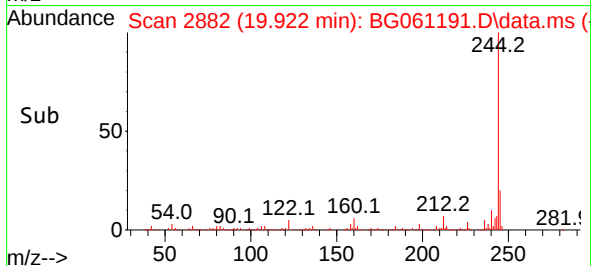
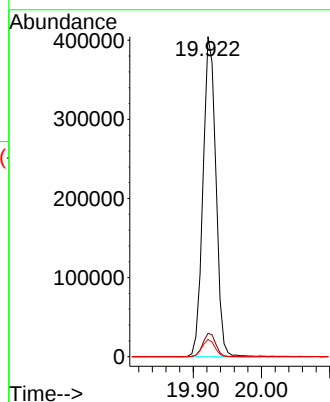
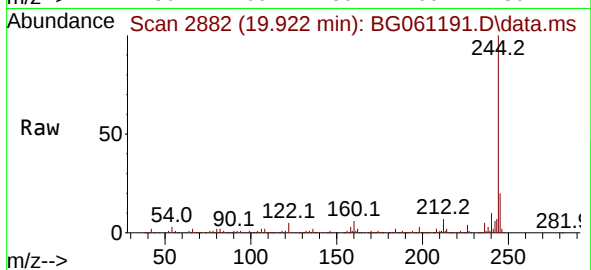
Tgt Ion:244 Resp: 531474

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 5.4 4.2 6.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.681 min Scan# 3692

Delta R.T. -0.049 min

Lab File: BG061191.D

Acq: 14 May 2024 15:53

Tgt Ion:264 Resp: 230250

Ion Ratio Lower Upper

264 100

260 22.5 17.7 26.5

265 22.4 16.4 24.6

