

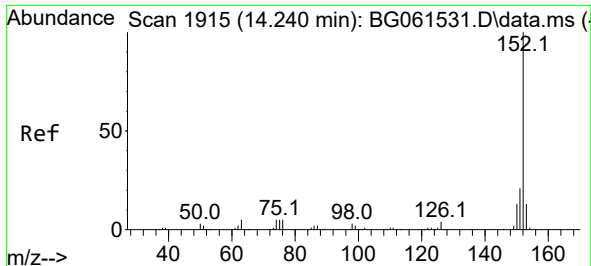
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061559.D
 Acq On : 8 Jun 2024 9:21
 Operator : MA/JU
 Sample : P2640-16DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C40DL

Quant Time: Jun 09 22:59:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

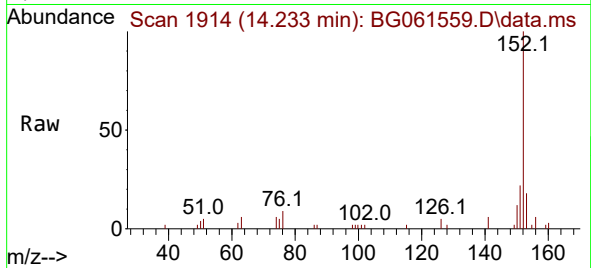
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	22668	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	89181	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	69207	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.264	188	160344	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	178503	20.000	ng/ul	0.00
88) Perylene-d12	24.620	264	208914	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	193	0.476	ng/uL	-0.02
4) Pyridine-d5	3.780	84	227	0.158	ng/ul	0.01
7) Phenol-d5	7.065	99	9708	5.215	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	6084	5.200	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.411	132	8684	6.303	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	7734	4.872	ng/ul	0.00
21) Nitrobenzene-d5	9.027	128	4149	6.043	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.750	143	4487	5.584	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	10049	6.414	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	3371	1.645	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	30999	5.775	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	32753	5.869	ng/ul	0.00
54) 4-Nitrophenol-d4	14.779	143	1796	2.706	ng/ul	0.02
60) Fluorene-d10	15.508	176	26640	5.749	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	1774	1.829	ng/ul	0.02
73) Anthracene-d10	17.358	188	44313	6.269	ng/ul	0.00
81) Pyrene-d10	19.656	212	54835	5.983	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.403	264	51497	5.127	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.233	152	16015	2.588	ng/ul#	93
56) Dibenzofuran	14.908	168	16331	2.814	ng/ul	94
61) Fluorene	15.560	166	5359	1.067	ng/ul#	90
72) Phenanthrene	17.305	178	189050	24.292	ng/ul	99
74) Anthracene	17.394	178	34031	4.229	ng/ul	98
77) Carbazole	17.670	167	11296	1.726	ng/ul#	93
80) Fluoranthene	19.321	202	200672	18.251	ng/ul	99
82) Pyrene	19.685	202	132710	11.628	ng/ul	98
85) Benzo(a)anthracene	21.501	228	90498	7.348	ng/ul	99
87) Chrysene	21.565	228	75714	6.676	ng/ul	96
90) Benzo(b)fluoranthene	23.645	252	75613	6.079	ng/ul	98
91) Benzo(k)fluoranthene	23.645	252	75613	5.988	ng/ul	97
93) Benzo(a)pyrene	24.474	252	38641	3.272	ng/ul#	89

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

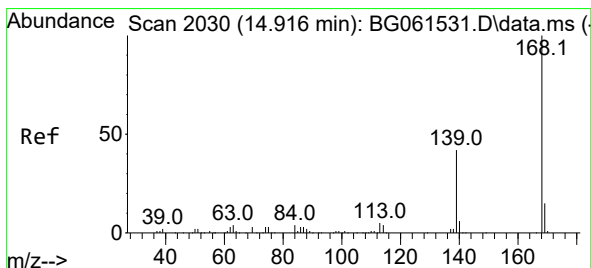
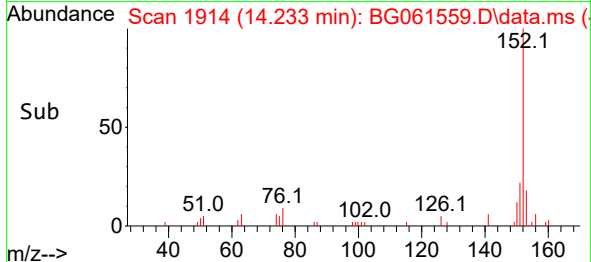
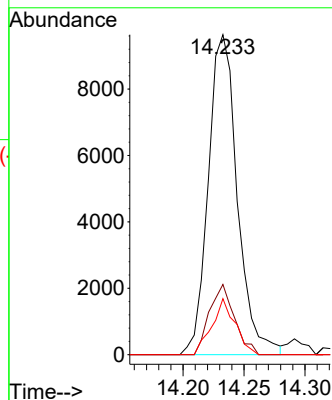


#50
Acenaphthylene
Concen: 2.588 ng/ul
RT: 14.233 min Scan# 1914
Delta R.T. -0.001 min
Lab File: BG061559.D
Acq: 8 Jun 2024 9:21

Instrument :
BNA_G
ClientSampleId :
A4C40DL

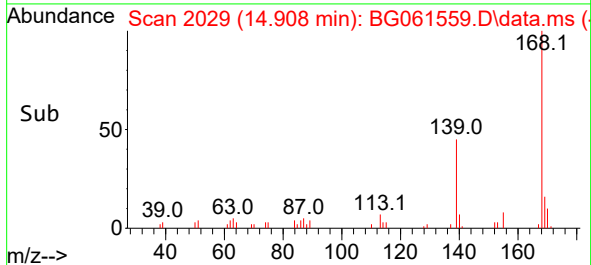
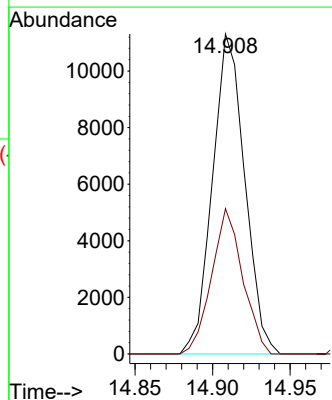
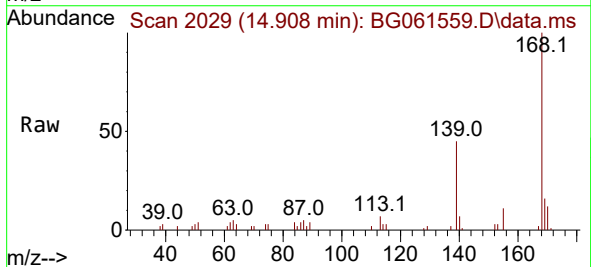


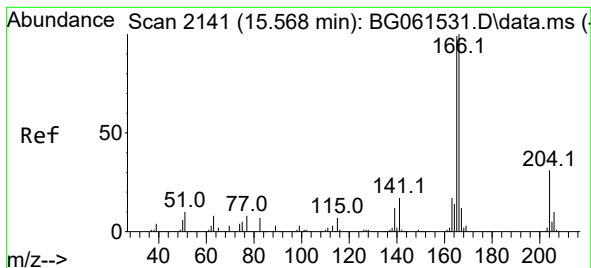
Tgt Ion:152 Resp: 16015
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.2
153 17.5 10.2 15.4#



#56
Dibenzofuran
Concen: 2.814 ng/ul
RT: 14.908 min Scan# 2029
Delta R.T. -0.001 min
Lab File: BG061559.D
Acq: 8 Jun 2024 9:21

Tgt Ion:168 Resp: 16331
Ion Ratio Lower Upper
168 100
139 45.4 33.4 50.2





#61

Fluorene

Concen: 1.067 ng/ul

RT: 15.560 min Scan# 2141

Delta R.T. -0.001 min

Lab File: BG061559.D

Acq: 8 Jun 2024 9:21

Instrument :

BNA_G

ClientSampleId :

A4C40DL

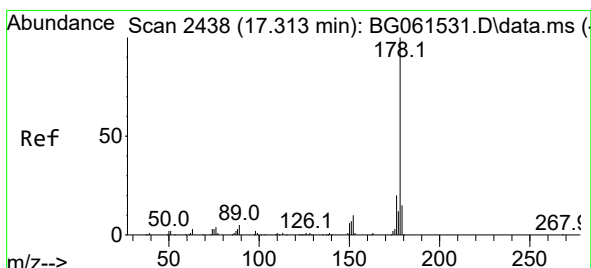
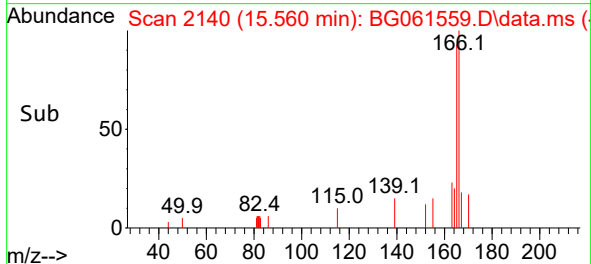
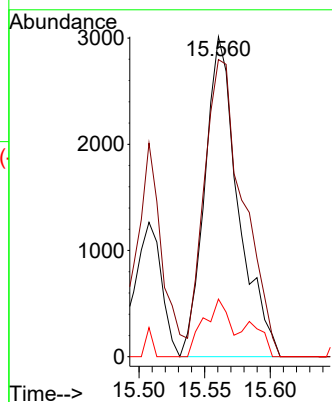
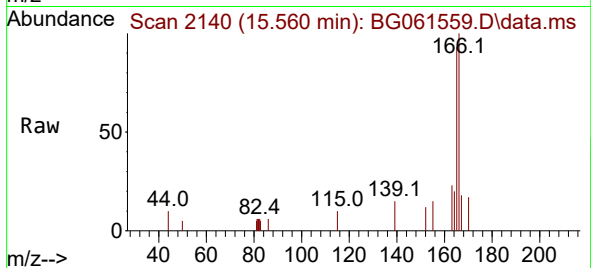
Tgt Ion:166 Resp: 5359

Ion Ratio Lower Upper

166 100

165 92.9 81.8 122.8

167 18.0 10.6 16.0#



#72

Phenanthrene

Concen: 24.292 ng/ul

RT: 17.305 min Scan# 2437

Delta R.T. -0.001 min

Lab File: BG061559.D

Acq: 8 Jun 2024 9:21

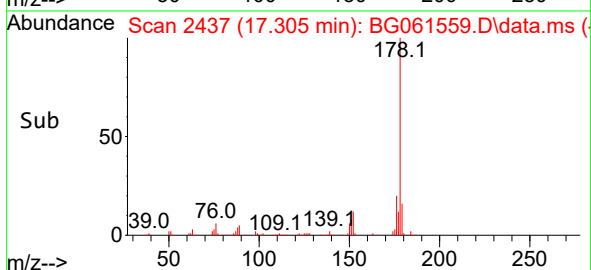
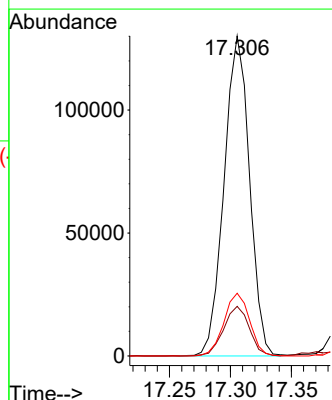
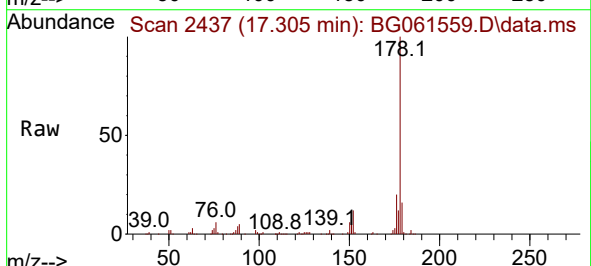
Tgt Ion:178 Resp: 189050

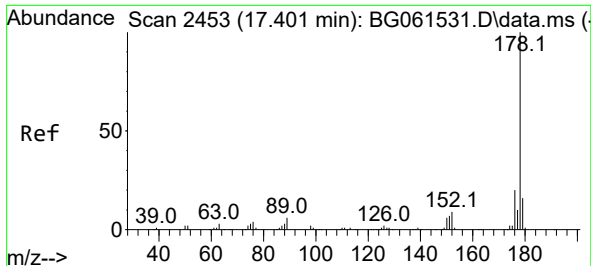
Ion Ratio Lower Upper

178 100

179 15.5 12.7 19.1

176 19.6 15.5 23.3

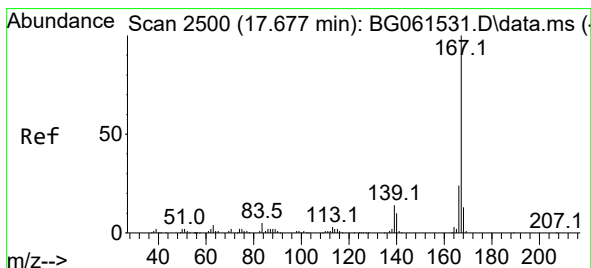
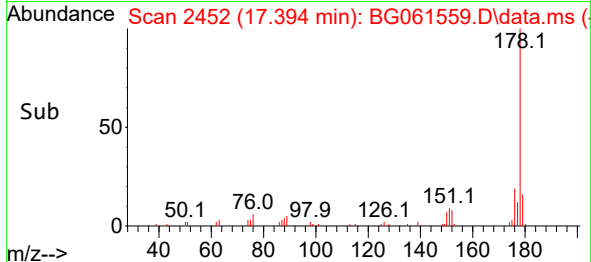
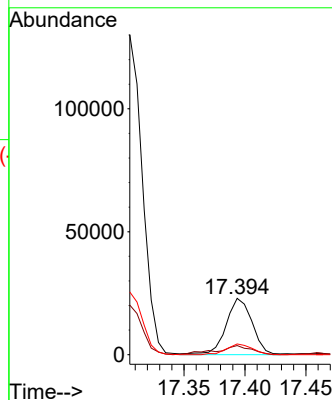
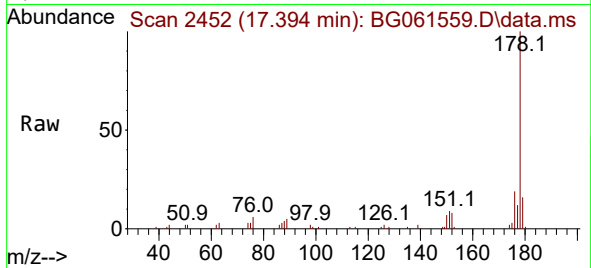




#74
 Anthracene
 Concen: 4.229 ng/ul
 RT: 17.394 min Scan# 2453
 Delta R.T. -0.001 min
 Lab File: BG061559.D
 Acq: 8 Jun 2024 9:21

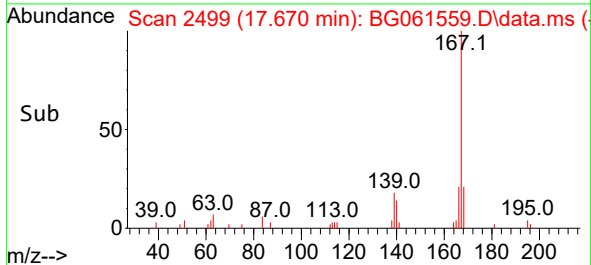
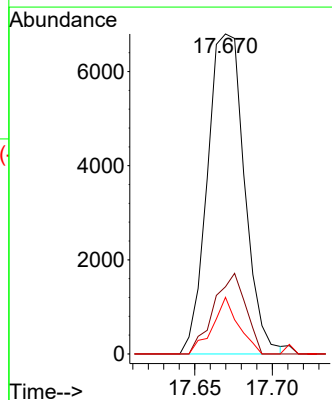
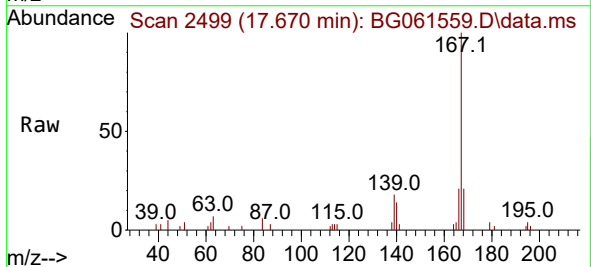
Instrument :
 BNA_G
 ClientSampleId :
 A4C40DL

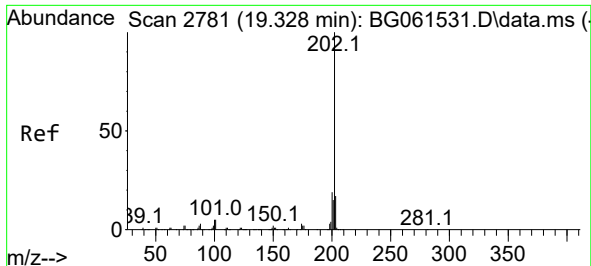
Tgt Ion:178 Resp: 34031
 Ion Ratio Lower Upper
 178 100
 179 16.1 11.8 17.6
 176 19.0 14.9 22.3



#77
 Carbazole
 Concen: 1.726 ng/ul
 RT: 17.670 min Scan# 2499
 Delta R.T. -0.001 min
 Lab File: BG061559.D
 Acq: 8 Jun 2024 9:21

Tgt Ion:167 Resp: 11296
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.6 28.0
 139 17.7 10.6 15.8#

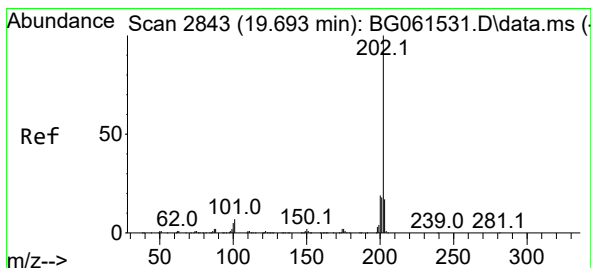
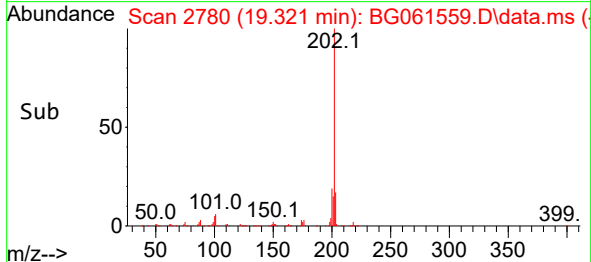
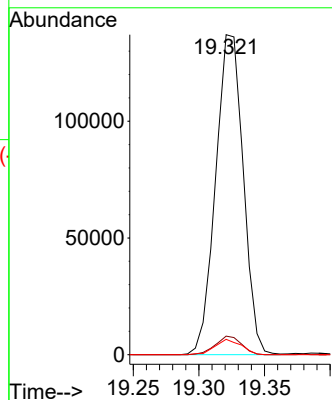
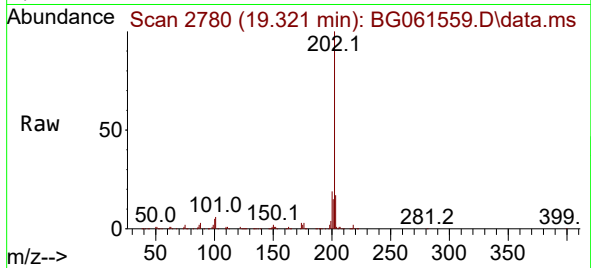




#80
Fluoranthene
Concen: 18.251 ng/ul
RT: 19.321 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG061559.D
Acq: 8 Jun 2024 9:21

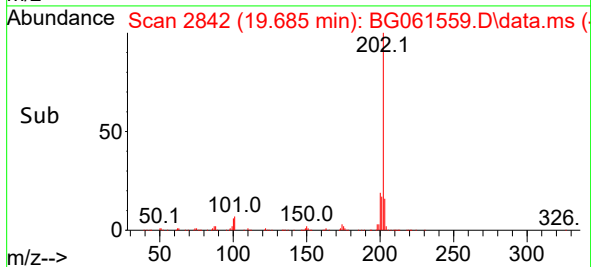
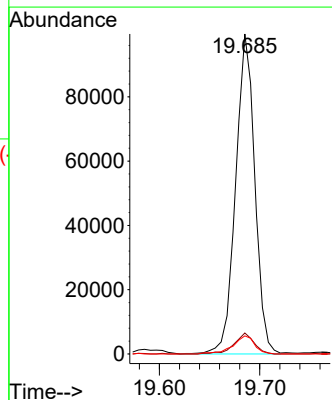
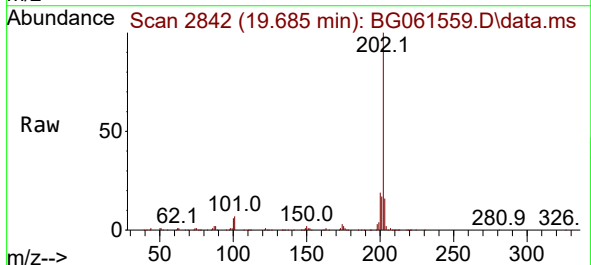
Instrument :
BNA_G
ClientSampleId :
A4C40DL

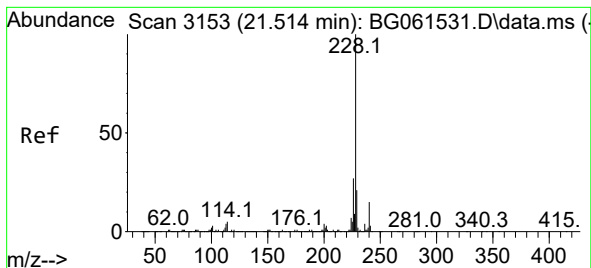
Tgt Ion:202 Resp: 200672
Ion Ratio Lower Upper
202 100
101 5.8 4.8 7.2
100 4.8 4.1 6.1



#82
Pyrene
Concen: 11.628 ng/ul
RT: 19.685 min Scan# 2842
Delta R.T. -0.001 min
Lab File: BG061559.D
Acq: 8 Jun 2024 9:21

Tgt Ion:202 Resp: 132710
Ion Ratio Lower Upper
202 100
101 6.6 5.7 8.5
100 5.7 5.1 7.7





#85

Benzo(a)anthracene

Concen: 7.348 ng/ul

RT: 21.501 min Scan# 3151

Delta R.T. -0.001 min

Lab File: BG061559.D

Acq: 8 Jun 2024 9:21

Instrument :

BNA_G

ClientSampleId :

A4C40DL

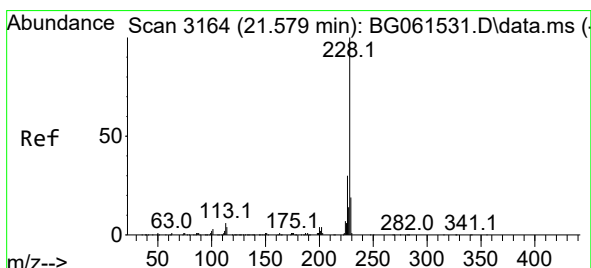
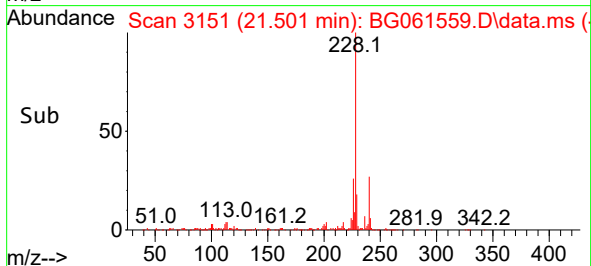
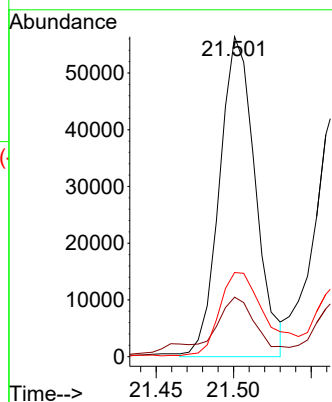
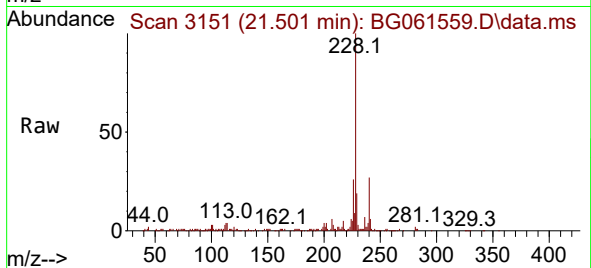
Tgt Ion:228 Resp: 90498

Ion Ratio Lower Upper

228 100

229 18.6 15.2 22.8

226 26.3 21.4 32.2



#87

Chrysene

Concen: 6.676 ng/ul

RT: 21.565 min Scan# 3162

Delta R.T. -0.001 min

Lab File: BG061559.D

Acq: 8 Jun 2024 9:21

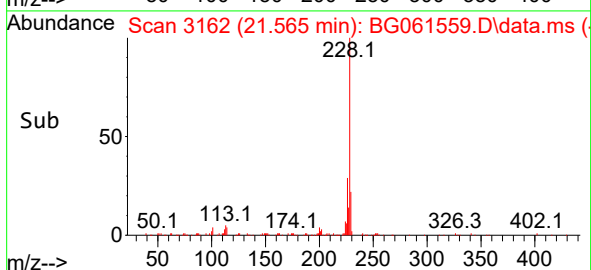
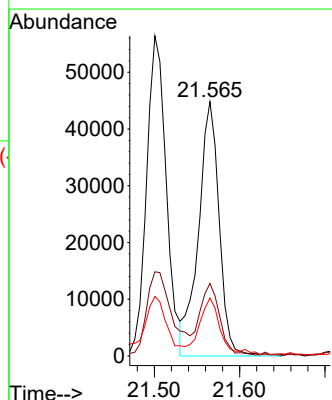
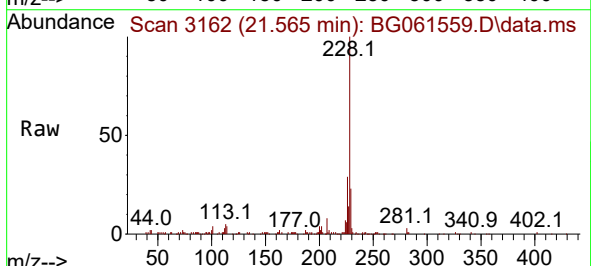
Tgt Ion:228 Resp: 75714

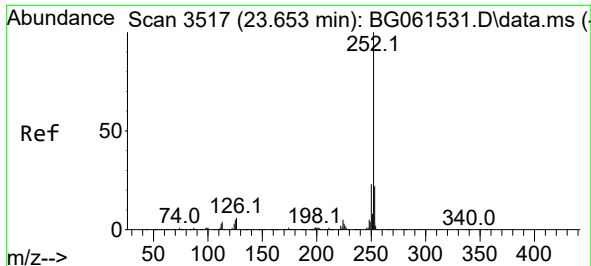
Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.0

229 22.8 15.4 23.2

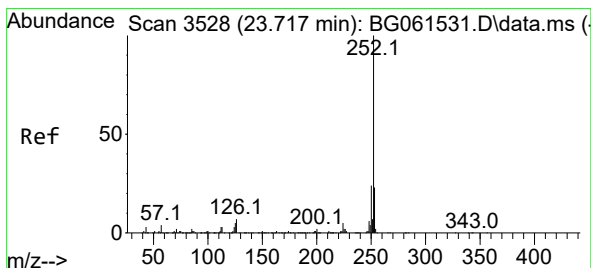
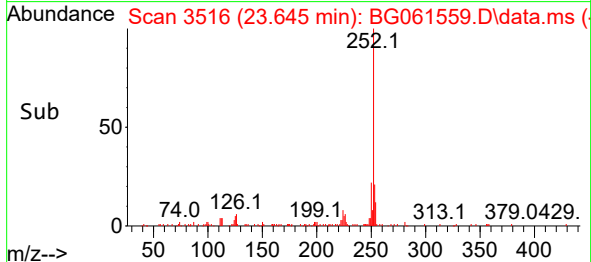
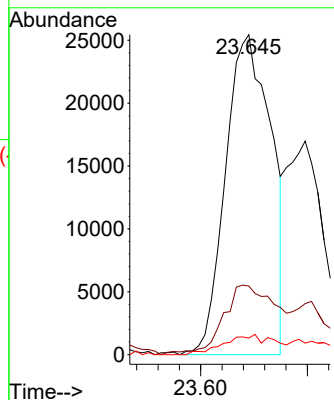
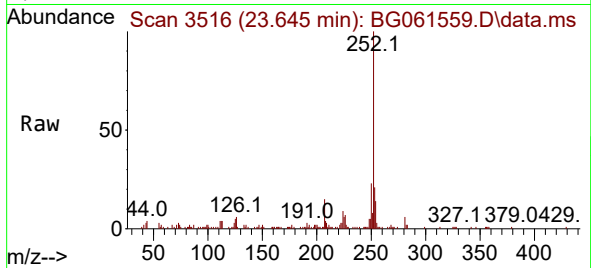




#90
Benzo(b)fluoranthene
Concen: 6.079 ng/ul
RT: 23.645 min Scan# 3516
Delta R.T. 0.011 min
Lab File: BG061559.D
Acq: 8 Jun 2024 9:21

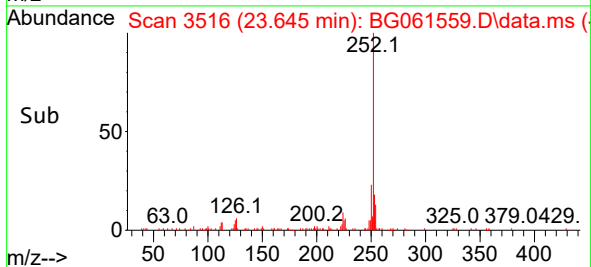
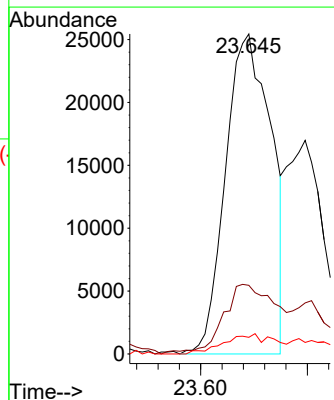
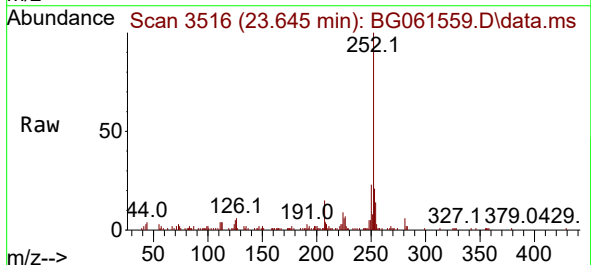
Instrument :
BNA_G
ClientSampleId :
A4C40DL

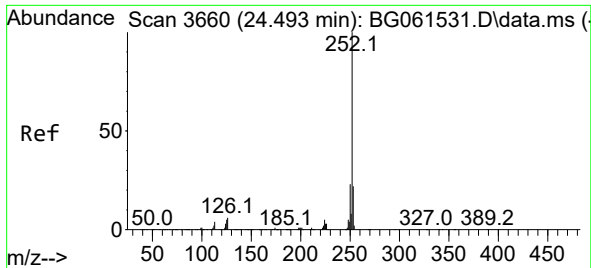
Tgt Ion:252 Resp: 75613
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 5.2 4.6 6.8



#91
Benzo(k)fluoranthene
Concen: 5.988 ng/ul
RT: 23.645 min Scan# 3516
Delta R.T. -0.054 min
Lab File: BG061559.D
Acq: 8 Jun 2024 9:21

Tgt Ion:252 Resp: 75613
Ion Ratio Lower Upper
252 100
253 21.5 16.0 24.0
125 5.2 4.3 6.5





#93

Benzo(a)pyrene

Concen: 3.272 ng/ul

RT: 24.474 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG061559.D

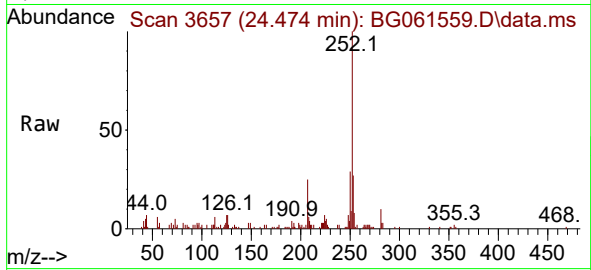
Acq: 8 Jun 2024 9:21

Instrument :

BNA_G

ClientSampleId :

A4C40DL



Tgt Ion:252 Resp: 38641

Ion Ratio Lower Upper

252 100

253 26.5 16.4 24.6#

125 6.5 4.3 6.5#

