

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061654.D
 Acq On : 22 Jun 2024 18:31
 Operator : MA/JU
 Sample : P2776-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C73

Quant Time: Jun 23 00:16:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

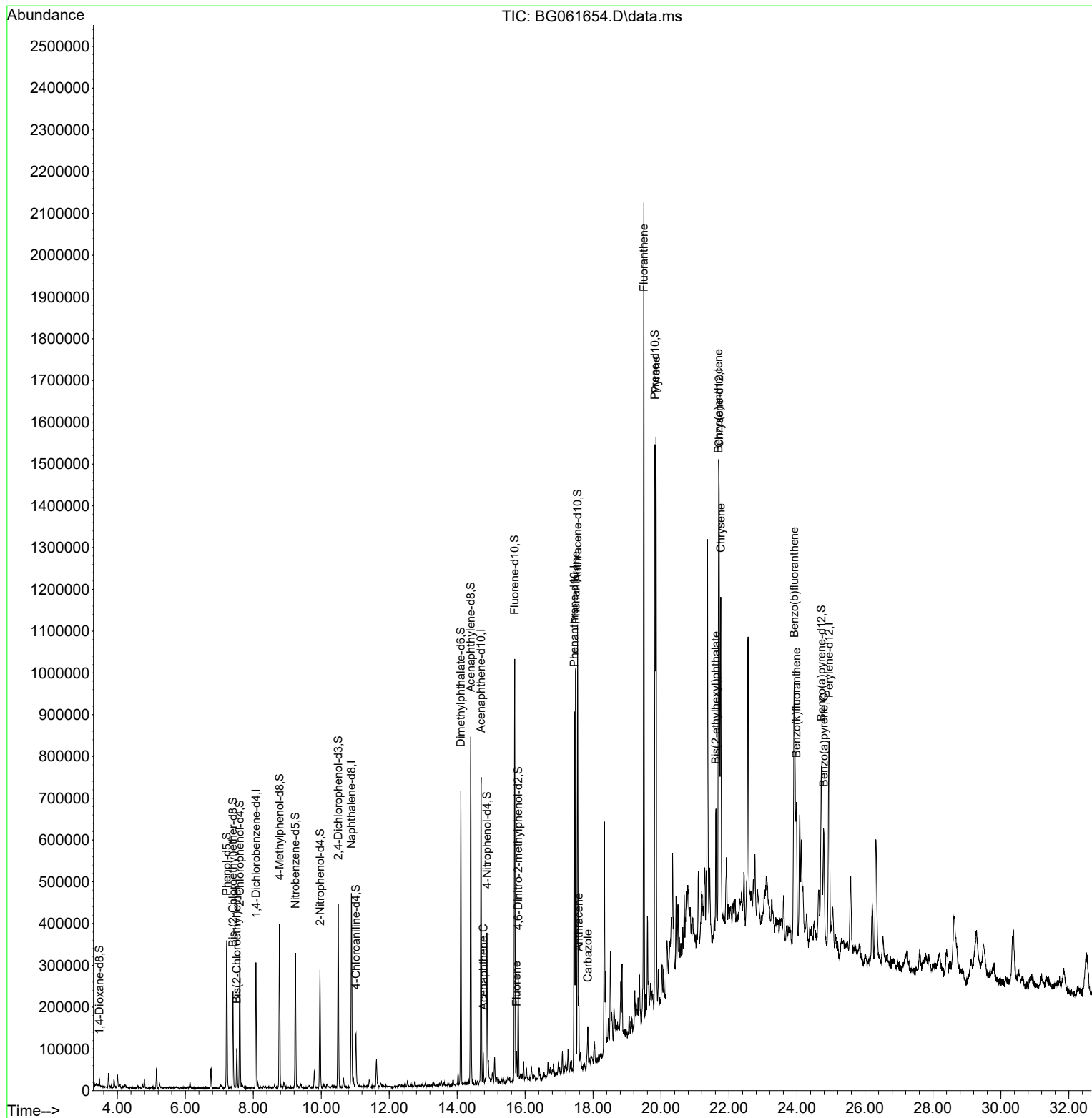
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	75016	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	359846	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.706	164	248530	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	526703	20.000	ng/ul	0.00
79) Chrysene-d12	21.709	240	456946	20.000	ng/ul	0.00
88) Perylene-d12	24.941	264	566676	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.472	96	7070	3.405	ng/uL	0.00
4) Pyridine-d5	3.883	84	134	0.021	ng/ul	0.00
7) Phenol-d5	7.220	99	186596	22.913	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.403	67	108028	21.280	ng/ul	0.00
11) 2-Chlorophenol-d4	7.602	132	128612	23.014	ng/ul	0.00
15) 4-Methylphenol-d8	8.772	113	133619	21.224	ng/ul	0.00
21) Nitrobenzene-d5	9.242	128	65616	26.855	ng/ul	0.00
24) 2-Nitrophenol-d4	9.964	143	78377	31.672	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	147509	25.174	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	65239	7.354	ng/ul	0.00
46) Dimethylphthalate-d6	14.106	166	442060	23.114	ng/ul	0.00
49) Acenaphthylene-d8	14.400	160	523437	24.973	ng/ul	0.00
54) 4-Nitrophenol-d4	14.876	143	71131	21.656	ng/ul	0.00
60) Fluorene-d10	15.693	176	403586	24.104	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	46445	20.622	ng/ul	0.00
73) Anthracene-d10	17.544	188	604027	25.124	ng/ul	0.00
81) Pyrene-d10	19.823	212	578932	22.682	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.723	264	443817	16.398	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.514	93	33313	5.165	ng/ul#	16
52) Acenaphthene	14.770	153	23944	1.478	ng/ul#	86
61) Fluorene	15.746	166	27224	1.451	ng/ul#	82
72) Phenanthrene	17.491	178	591122	21.333	ng/ul	97
74) Anthracene	17.579	178	106680	3.765	ng/ul	98
77) Carbazole	17.843	167	56977	2.368	ng/ul	93
80) Fluoranthene	19.494	202	1161334	39.214	ng/ul	98
82) Pyrene	19.853	202	838599	26.631	ng/ul	99
85) Benzo(a)anthracene	21.692	228	540847	16.862	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.615	149	121284	7.196	ng/ul	98
87) Chrysene	21.756	228	571247	18.822	ng/ul	100
90) Benzo(b)fluoranthene	23.918	252	804280	23.610	ng/ul	98
91) Benzo(k)fluoranthene	23.983	252	264060	7.537	ng/ul	97
93) Benzo(a)pyrene	24.788	252	296280	9.034	ng/ul	97

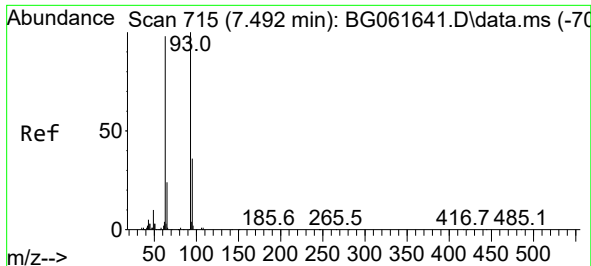
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
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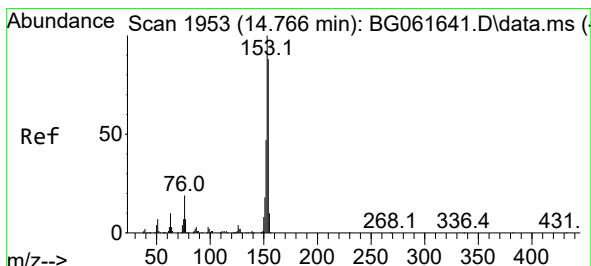
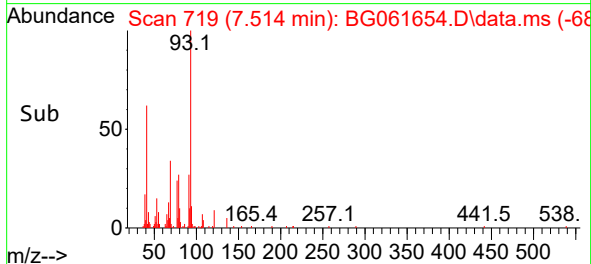
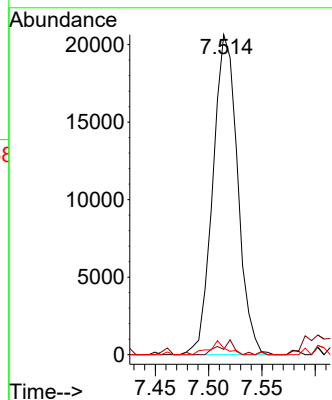
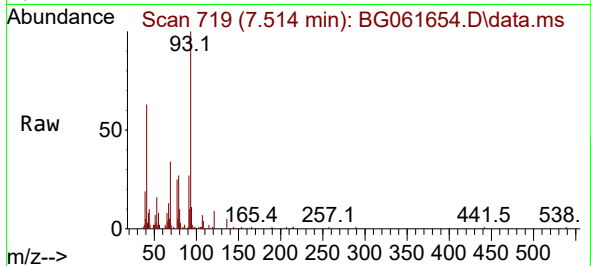




#10
Bis(2-Chloroethyl)ether
Concen: 5.165 ng/ul
RT: 7.514 min Scan# 715
Delta R.T. 0.025 min
Lab File: BG061654.D
Acq: 22 Jun 2024 18:31

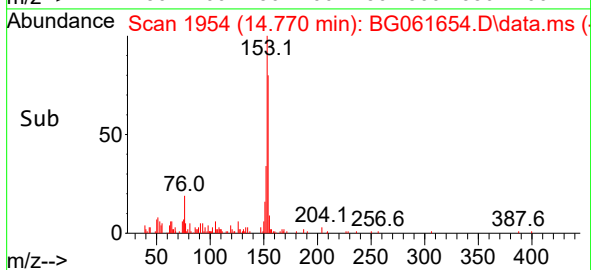
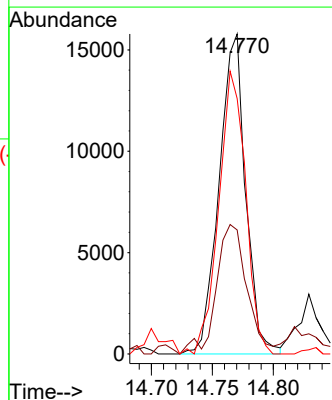
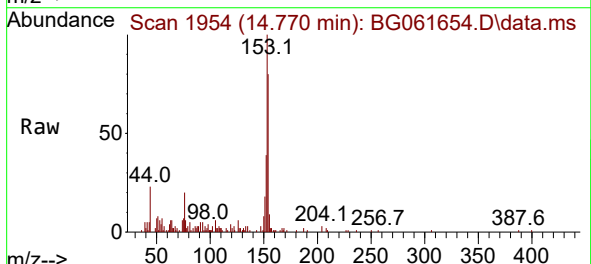
Instrument :
BNA_G
ClientSampleId :
A4C73

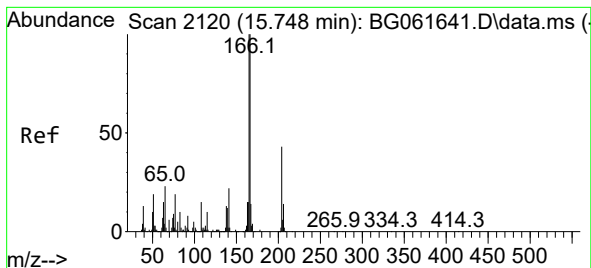
Tgt Ion: 93 Resp: 33313
Ion Ratio Lower Upper
93 100
63 1.6 72.5 108.7#
95 2.0 21.8 32.8#



#52
Acenaphthene
Concen: 1.478 ng/ul
RT: 14.770 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG061654.D
Acq: 22 Jun 2024 18:31

Tgt Ion: 153 Resp: 23944
Ion Ratio Lower Upper
153 100
152 38.8 40.0 60.0#
154 79.8 74.1 111.1





#61

Fluorene

Concen: 1.451 ng/ul

RT: 15.746 min Scan# 2120

Delta R.T. -0.004 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

Instrument :

BNA_G

ClientSampleId :

A4C73

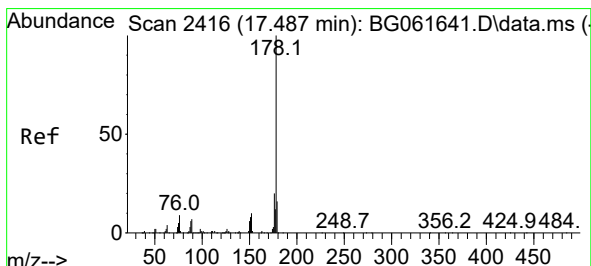
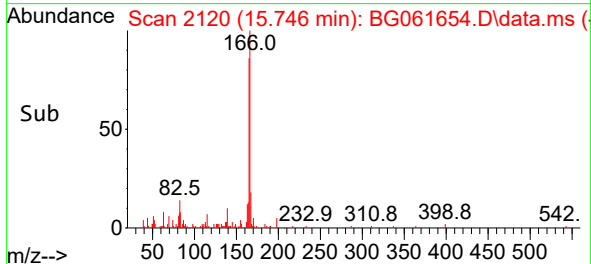
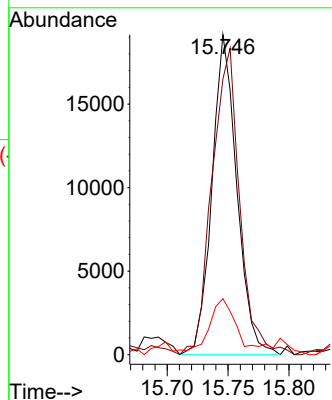
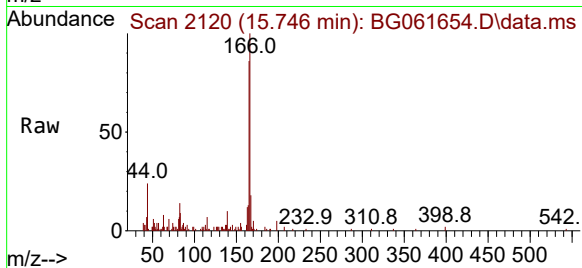
Tgt Ion:166 Resp: 27224

Ion Ratio Lower Upper

166 100

165 86.1 84.9 127.3

167 17.5 10.9 16.3#



#72

Phenanthrene

Concen: 21.333 ng/ul

RT: 17.491 min Scan# 2417

Delta R.T. 0.002 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

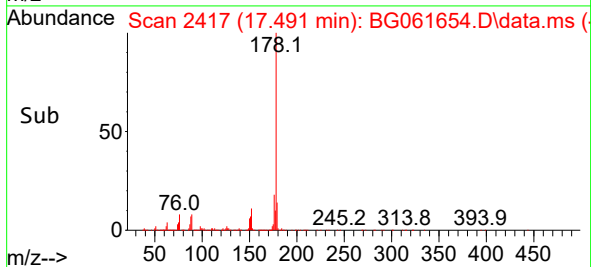
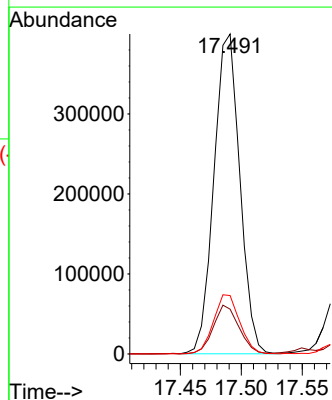
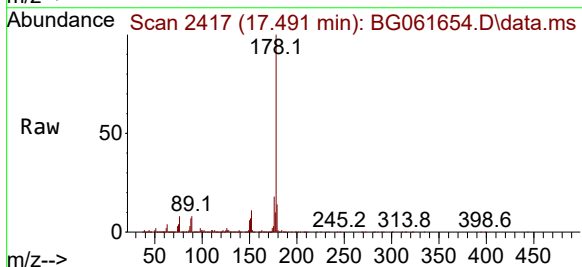
Tgt Ion:178 Resp: 591122

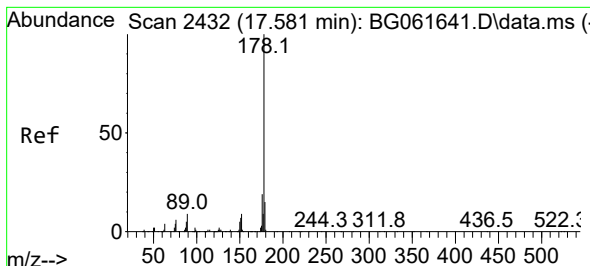
Ion Ratio Lower Upper

178 100

179 14.0 12.0 18.0

176 18.3 16.2 24.2

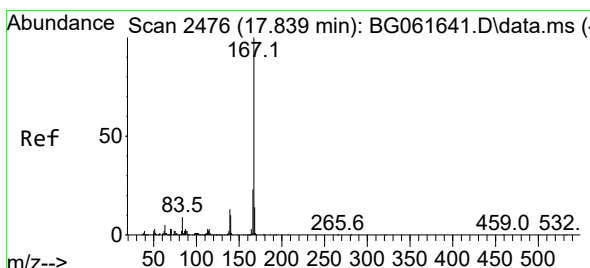
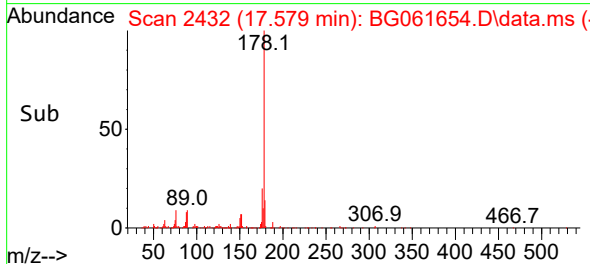
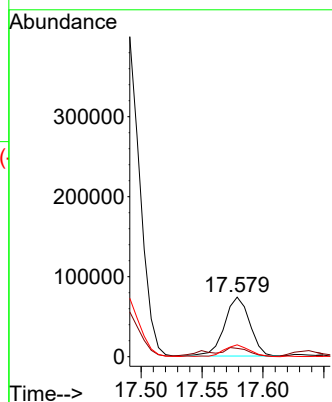
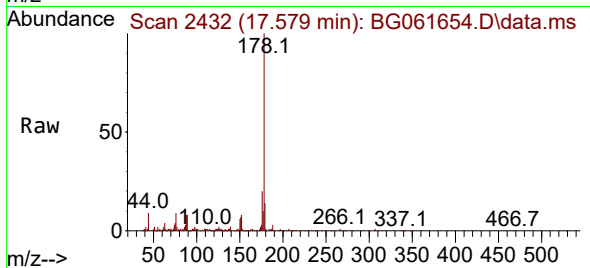




#74
Anthracene
Concen: 3.765 ng/ul
RT: 17.579 min Scan# 2432
Delta R.T. 0.002 min
Lab File: BG061654.D
Acq: 22 Jun 2024 18:31

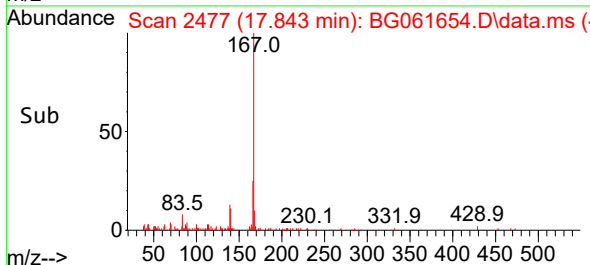
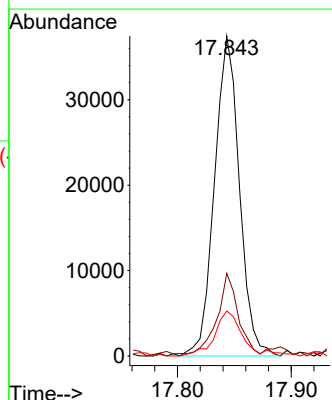
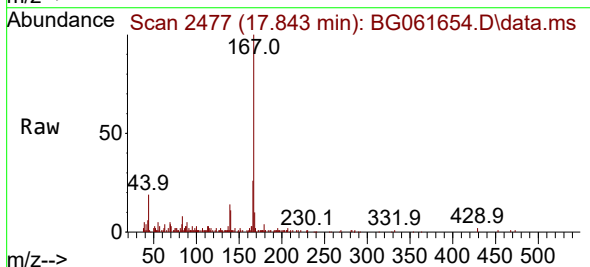
Instrument :
BNA_G
ClientSampleId :
A4C73

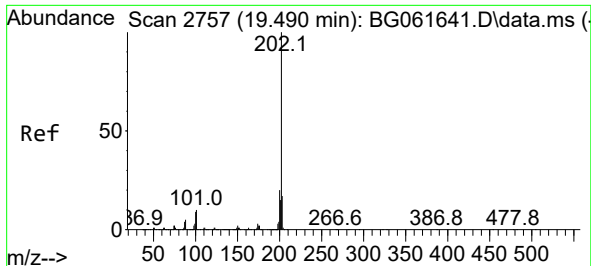
Tgt Ion:178 Resp: 106680
Ion Ratio Lower Upper
178 100
179 14.0 11.4 17.2
176 19.8 14.7 22.1



#77
Carbazole
Concen: 2.368 ng/ul
RT: 17.843 min Scan# 2477
Delta R.T. 0.002 min
Lab File: BG061654.D
Acq: 22 Jun 2024 18:31

Tgt Ion:167 Resp: 56977
Ion Ratio Lower Upper
167 100
166 25.8 17.5 26.3
139 14.0 9.4 14.2

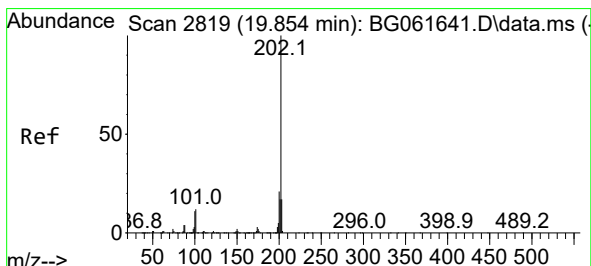
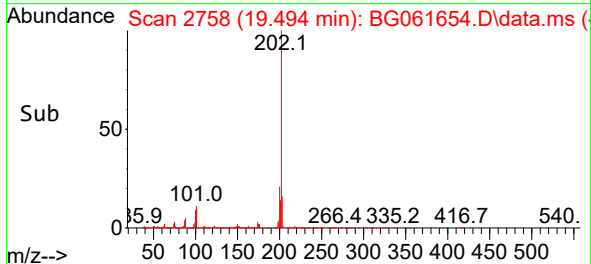
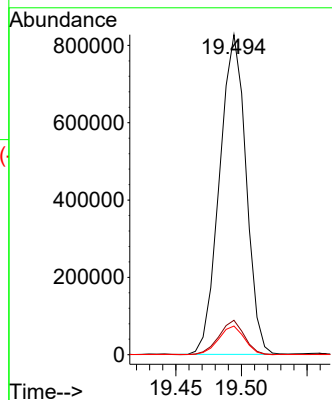
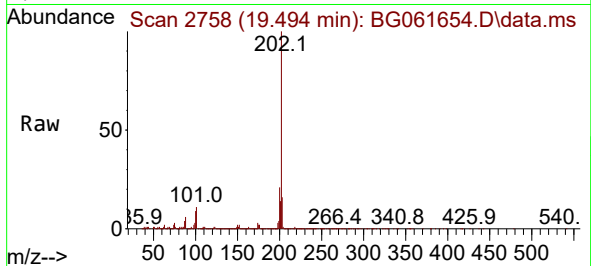




#80
Fluoranthene
Concen: 39.214 ng/ul
RT: 19.494 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG061654.D
Acq: 22 Jun 2024 18:31

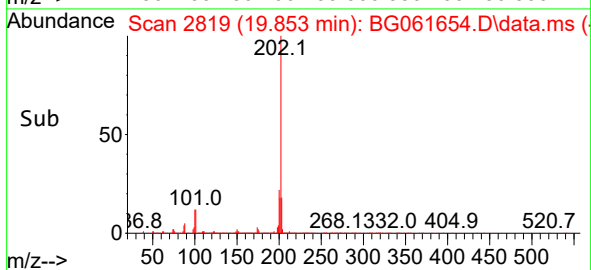
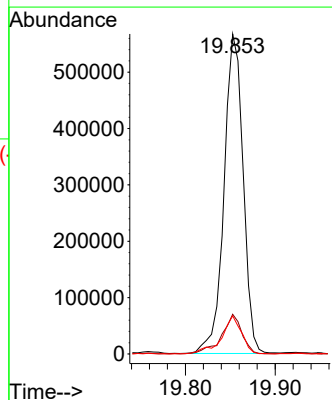
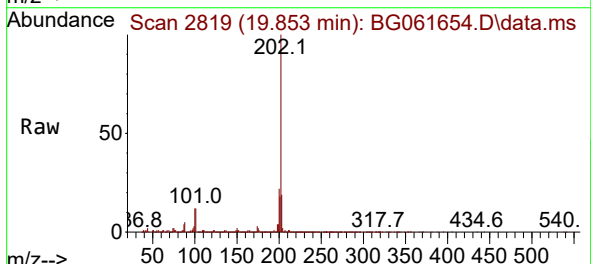
Instrument :
BNA_G
ClientSampleId :
A4C73

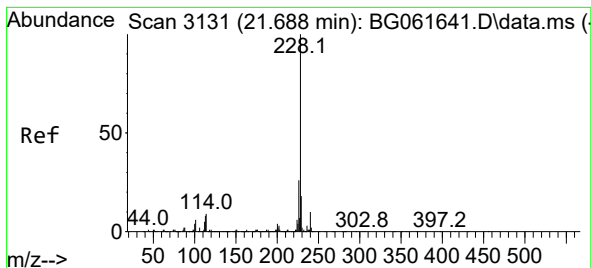
Tgt Ion:202 Resp: 1161334
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 8.9 7.7 11.5



#82
Pyrene
Concen: 26.631 ng/ul
RT: 19.853 min Scan# 2819
Delta R.T. 0.002 min
Lab File: BG061654.D
Acq: 22 Jun 2024 18:31

Tgt Ion:202 Resp: 838599
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 11.9 9.9 14.9





#85

Benzo(a)anthracene

Concen: 16.862 ng/ul

RT: 21.692 min Scan# 3119

Delta R.T. 0.002 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

Instrument :

BNA_G

ClientSampleId :

A4C73

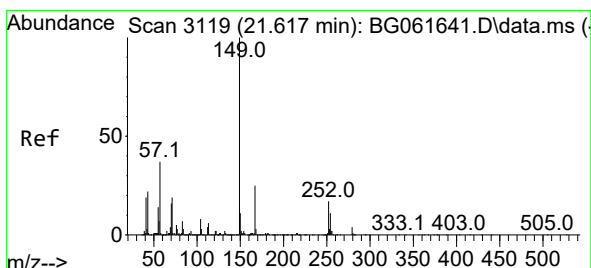
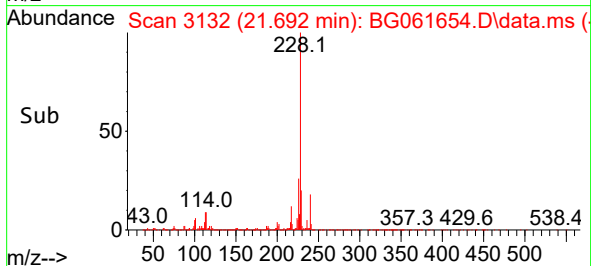
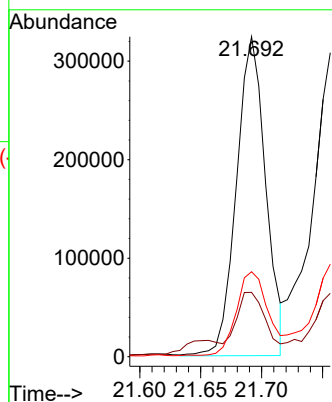
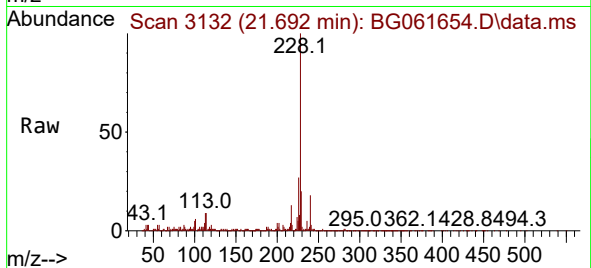
Tgt Ion:228 Resp: 540847

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.8

226 26.6 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 7.196 ng/ul

RT: 21.615 min Scan# 3119

Delta R.T. -0.010 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

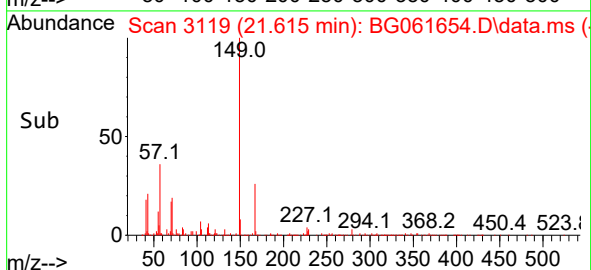
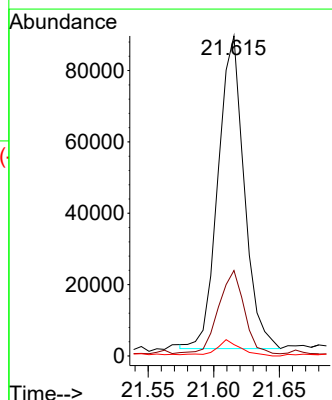
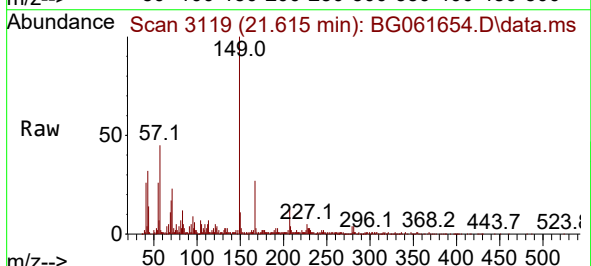
Tgt Ion:149 Resp: 121284

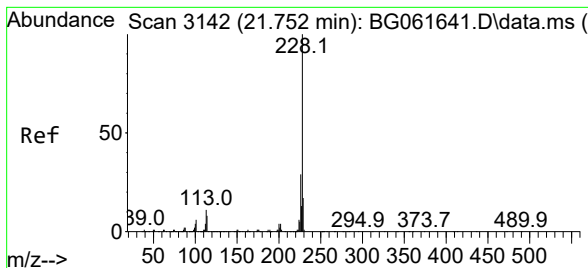
Ion Ratio Lower Upper

149 100

167 26.7 20.5 30.7

279 3.5 2.9 4.3





#87

Chrysene

Concen: 18.822 ng/ul

RT: 21.756 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

Instrument :

BNA_G

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A4C73

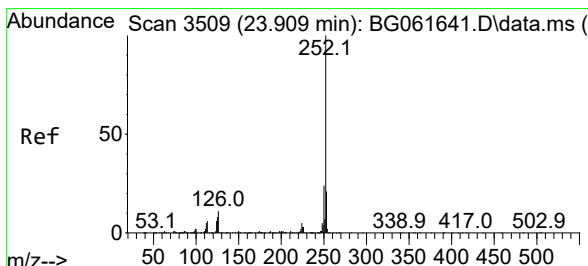
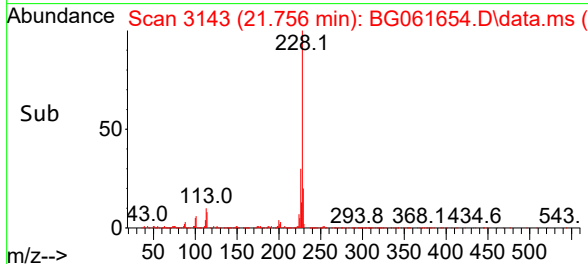
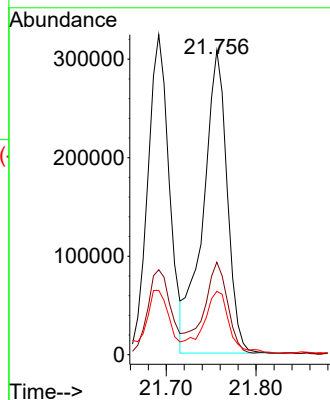
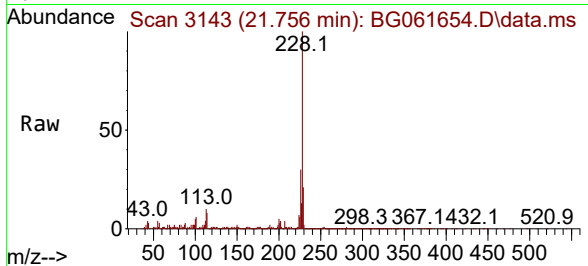
Tgt Ion:228 Resp: 571247

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 20.8 16.5 24.7



#90

Benzo(b)fluoranthene

Concen: 23.610 ng/ul

RT: 23.918 min Scan# 3511

Delta R.T. 0.002 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

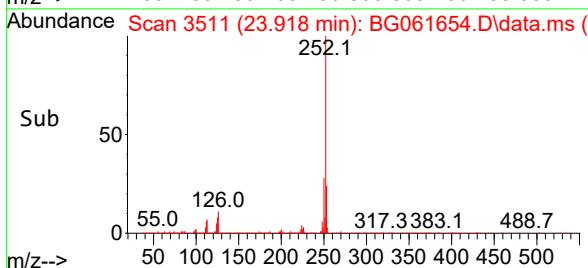
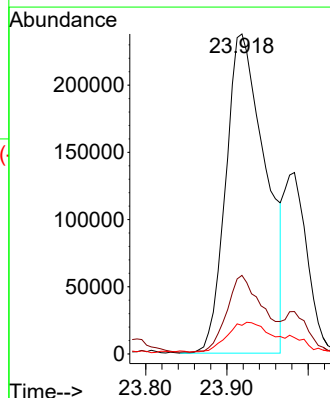
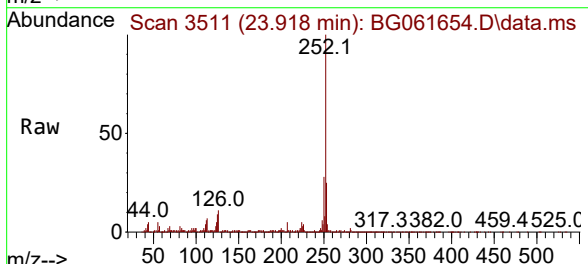
Tgt Ion:252 Resp: 804280

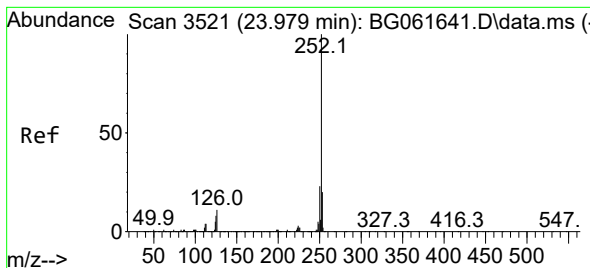
Ion Ratio Lower Upper

252 100

253 24.5 18.6 27.8

125 8.9 7.0 10.6





#91

Benzo(k)fluoranthene

Concen: 7.537 ng/ul

RT: 23.983 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

Instrument :

BNA_G

ClientSampleId :

A4C73

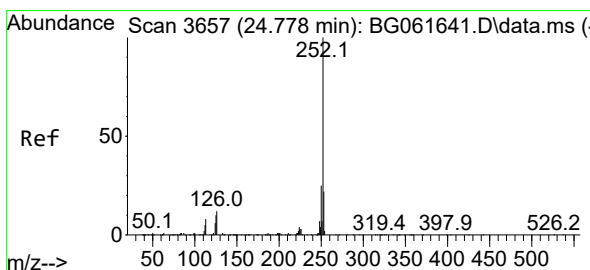
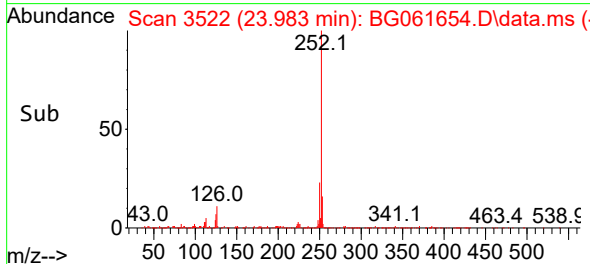
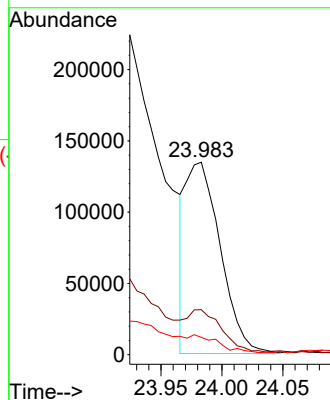
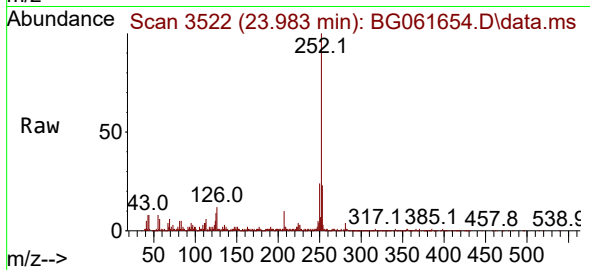
Tgt Ion:252 Resp: 264060

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

125 9.0 6.2 9.2



#93

Benzo(a)pyrene

Concen: 9.034 ng/ul

RT: 24.788 min Scan# 3659

Delta R.T. -0.004 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

Tgt Ion:252 Resp: 296280

Ion Ratio Lower Upper

252 100

253 22.0 16.8 25.2

125 9.4 6.5 9.7

