

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061541.D
 Acq On : 7 Jun 2024 20:20
 Operator : MA/JU
 Sample : P2640-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C15

Quant Time: Jun 07 21:49:57 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

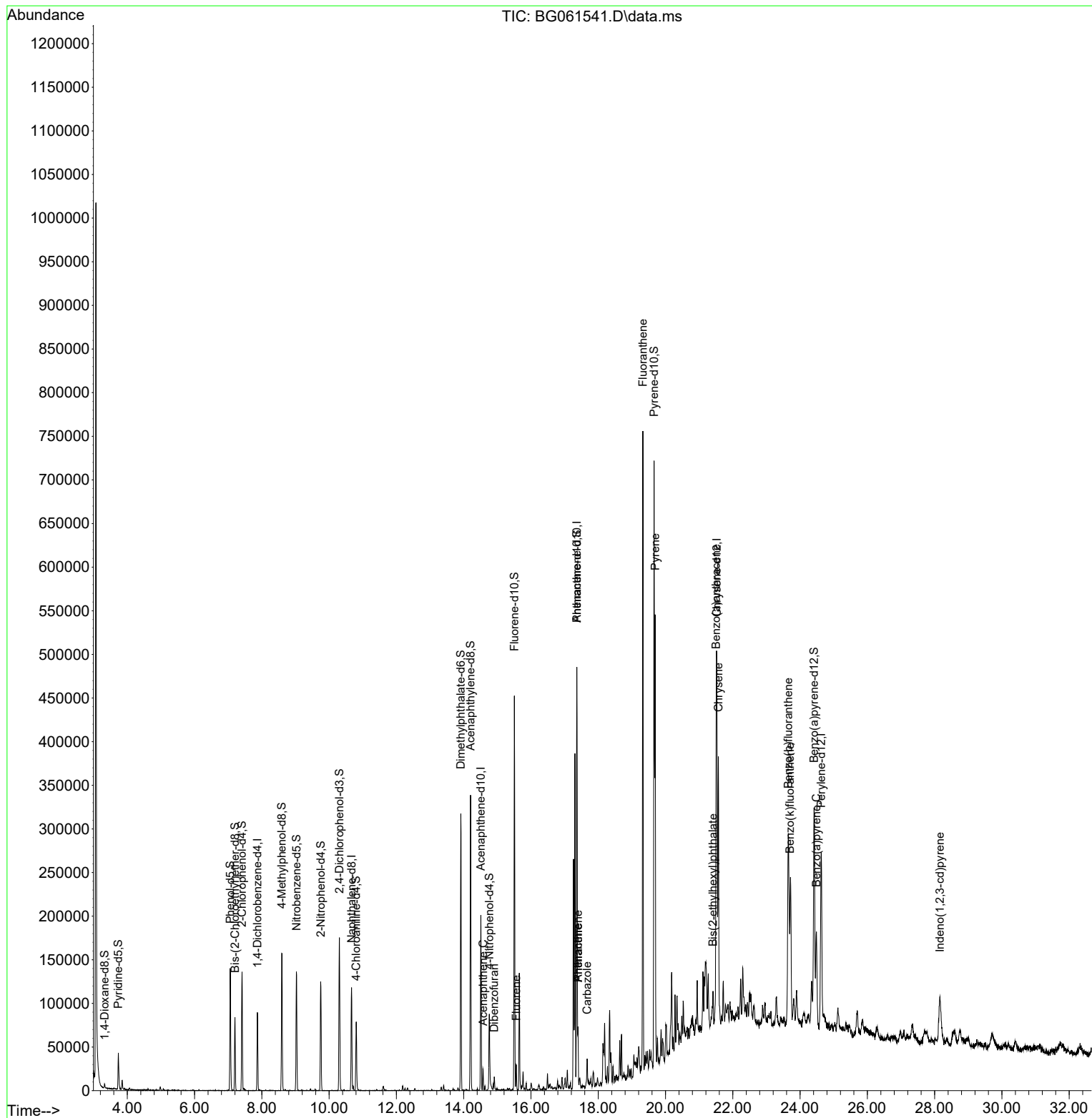
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	23458	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	93485	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	72472	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.364	188	296872	20.000	ng/ul	0.10
79) Chrysene-d12	21.524	240	176947	20.000	ng/ul	0.00
88) Perylene-d12	24.626	264	208705	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	2328	5.554	ng/uL	-0.03
4) Pyridine-d5	3.733	84	17347	11.633	ng/ul	-0.04
7) Phenol-d5	7.059	99	66012	34.267	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67	37628	31.077	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.411	132	54698	38.366	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	53286	32.440	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	28425	39.492	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	32363	38.419	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	67962	41.384	ng/ul	0.00
31) 4-Chloroaniline-d4	10.801	131	40557	18.877	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	210416	37.435	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	229850	39.334	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	21186	30.487	ng/ul	0.00
60) Fluorene-d10	15.508	176	182664	37.641	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.725	200	228	0.127	ng/ul	0.08
73) Anthracene-d10	17.364	188	296872	22.682	ng/ul	0.00
81) Pyrene-d10	19.662	212	322891	35.539	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.415	264	275209	27.429	ng/ul	0.02
Target Compounds						
					Qvalue	
52) Acenaphthene	14.579	153	10234	2.408	ng/ul	94
56) Dibenzofuran	14.908	168	8171	1.344	ng/ul	99
61) Fluorene	15.566	166	11879	2.259	ng/ul	94
72) Phenanthrene	17.399	178	42871	2.975	ng/ul	97
74) Anthracene	17.399	178	42797	2.873	ng/ul	95
77) Carbazole	17.670	167	19710	1.627	ng/ul	97
80) Fluoranthene	19.327	202	464894	42.654	ng/ul	99
82) Pyrene	19.691	202	340732	30.118	ng/ul	97
85) Benzo(a)anthracene	21.506	228	216375	17.722	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.412	149	13216	2.297	ng/ul	94
87) Chrysene	21.571	228	225993	20.102	ng/ul	97
90) Benzo(b)fluoranthene	23.651	252	288526	23.219	ng/ul	99
91) Benzo(k)fluoranthene	23.704	252	93230	7.391	ng/ul	94
93) Benzo(a)pyrene	24.485	252	115055	9.751	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.157	276	87783	6.152	ng/ul	97

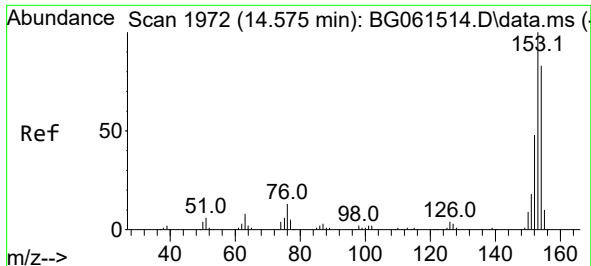
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
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Quant Time: Jun 07 21:49:57 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

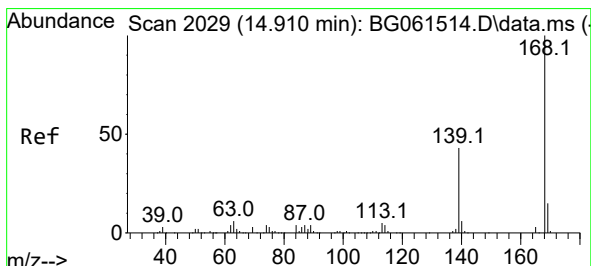
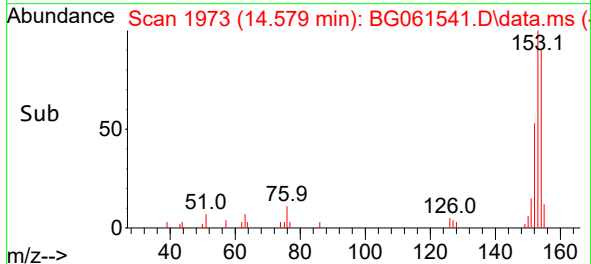
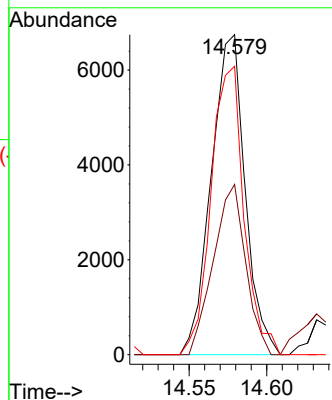
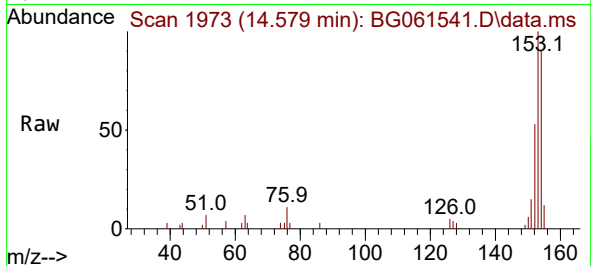




#52
Acenaphthene
Concen: 2.408 ng/ul
RT: 14.579 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BG061541.D
Acq: 7 Jun 2024 20:20

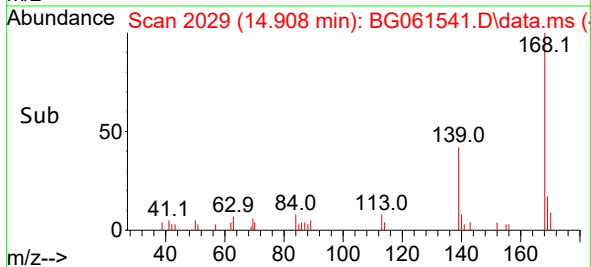
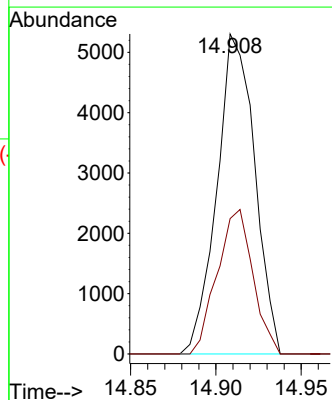
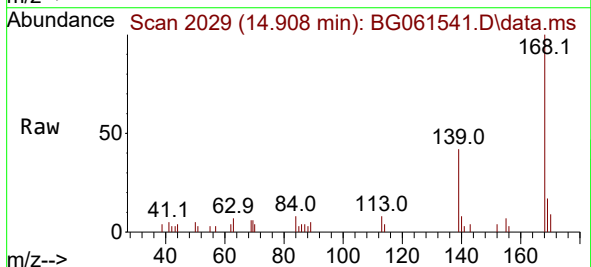
Instrument :
BNA_G
ClientSampleId :
A4C15

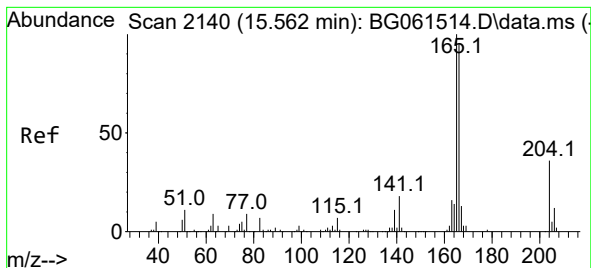
Tgt Ion:153 Resp: 10234
Ion Ratio Lower Upper
153 100
152 53.2 37.8 56.8
154 90.2 69.0 103.6



#56
Dibenzofuran
Concen: 1.344 ng/ul
RT: 14.908 min Scan# 2029
Delta R.T. -0.001 min
Lab File: BG061541.D
Acq: 7 Jun 2024 20:20

Tgt Ion:168 Resp: 8171
Ion Ratio Lower Upper
168 100
139 42.3 33.4 50.2





#61

Fluorene

Concen: 2.259 ng/ul

RT: 15.566 min Scan# 2140

Delta R.T. 0.005 min

Lab File: BG061541.D

Acq: 7 Jun 2024 20:20

Instrument :

BNA_G

ClientSampleId :

A4C15

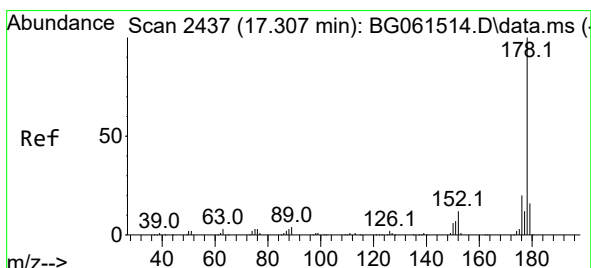
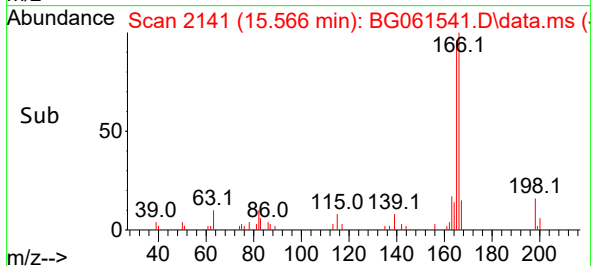
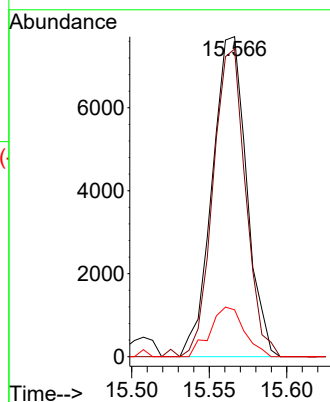
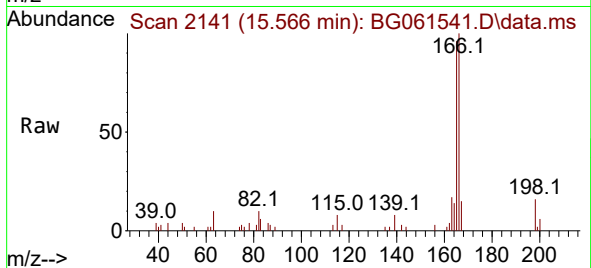
Tgt Ion:166 Resp: 11879

Ion Ratio Lower Upper

166 100

165 96.2 81.8 122.8

167 14.7 10.6 16.0



#72

Phenanthrene

Concen: 2.975 ng/ul

RT: 17.399 min Scan# 2453

Delta R.T. 0.093 min

Lab File: BG061541.D

Acq: 7 Jun 2024 20:20

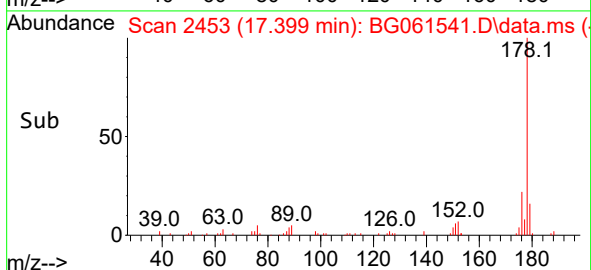
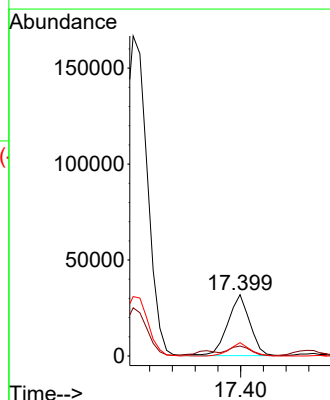
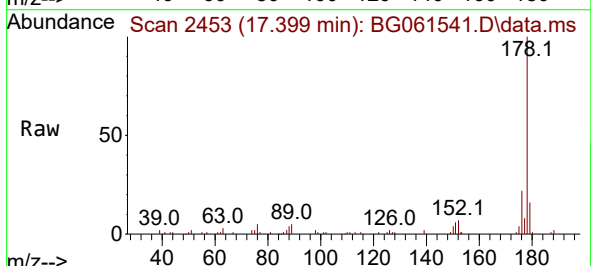
Tgt Ion:178 Resp: 42871

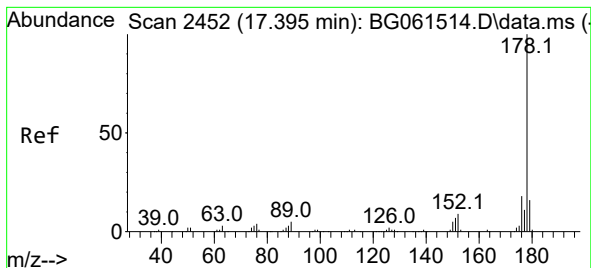
Ion Ratio Lower Upper

178 100

179 16.3 12.7 19.1

176 21.7 15.5 23.3





#74

Anthracene

Concen: 2.873 ng/ul

RT: 17.399 min Scan# 2452

Delta R.T. 0.005 min

Lab File: BG061541.D

Acq: 7 Jun 2024 20:20

Instrument :

BNA_G

ClientSampleId :

A4C15

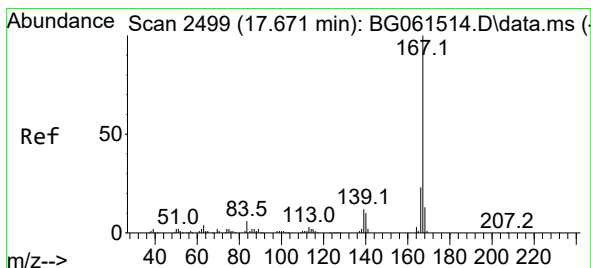
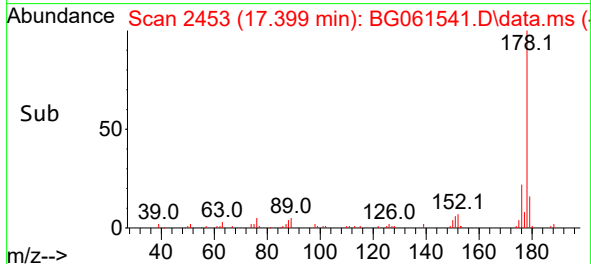
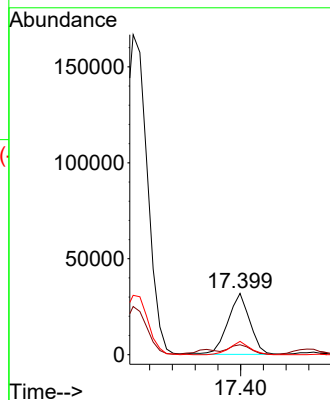
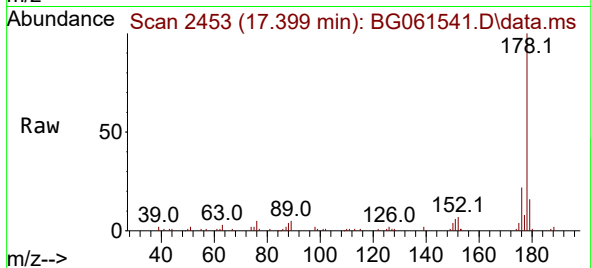
Tgt Ion:178 Resp: 42797

Ion Ratio Lower Upper

178 100

179 16.3 11.8 17.6

176 21.7 14.9 22.3



#77

Carbazole

Concen: 1.627 ng/ul

RT: 17.670 min Scan# 2499

Delta R.T. -0.001 min

Lab File: BG061541.D

Acq: 7 Jun 2024 20:20

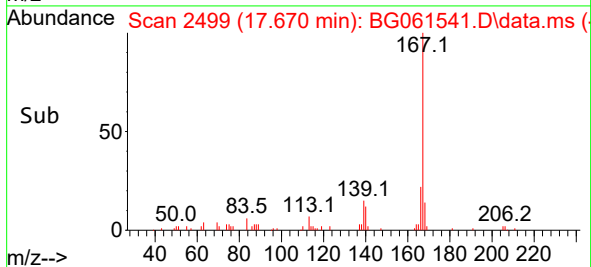
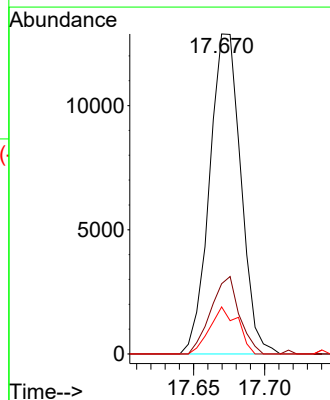
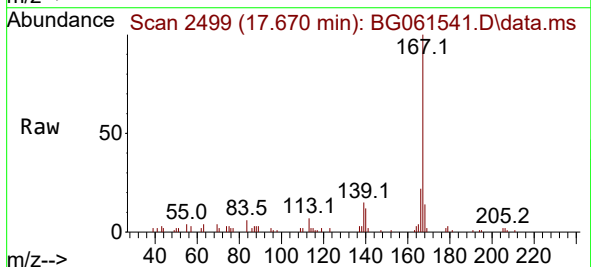
Tgt Ion:167 Resp: 19710

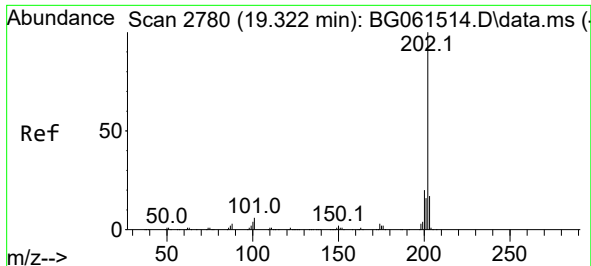
Ion Ratio Lower Upper

167 100

166 22.0 18.6 28.0

139 14.7 10.6 15.8

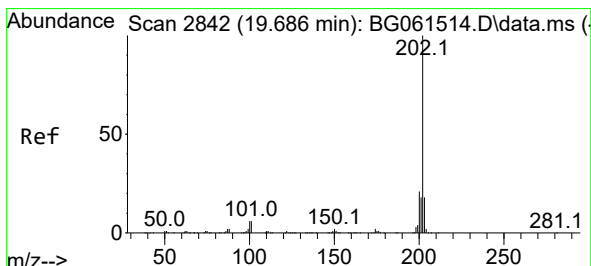
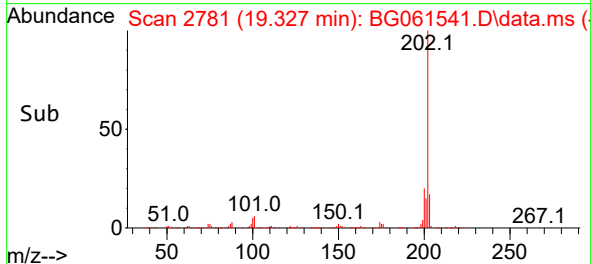
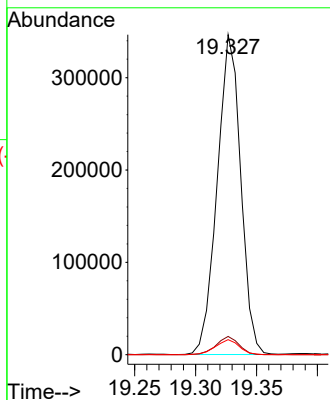
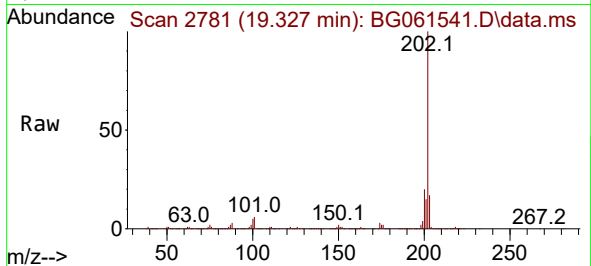




#80
Fluoranthene
Concen: 42.654 ng/ul
RT: 19.327 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG061541.D
Acq: 7 Jun 2024 20:20

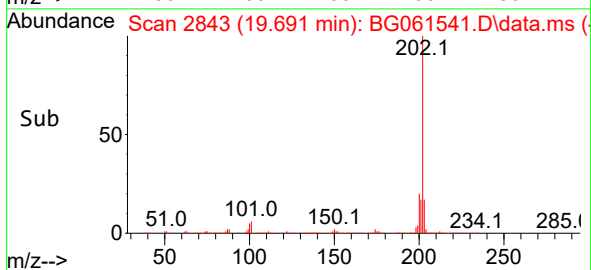
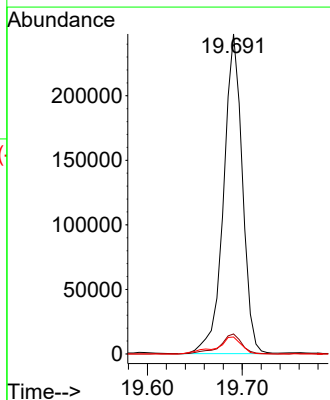
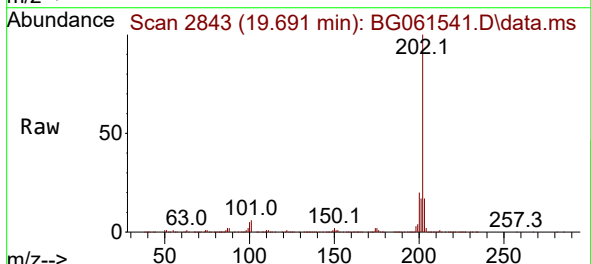
Instrument :
BNA_G
ClientSampleId :
A4C15

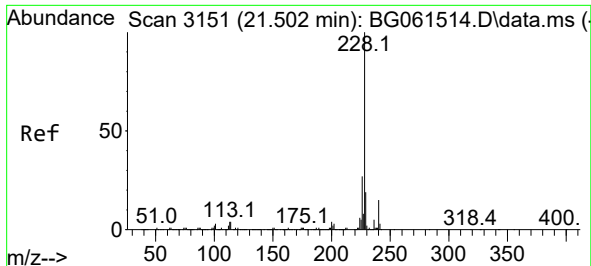
Tgt Ion:202 Resp: 464894
Ion Ratio Lower Upper
202 100
101 5.7 4.8 7.2
100 4.7 4.1 6.1



#82
Pyrene
Concen: 30.118 ng/ul
RT: 19.691 min Scan# 2843
Delta R.T. 0.005 min
Lab File: BG061541.D
Acq: 7 Jun 2024 20:20

Tgt Ion:202 Resp: 340732
Ion Ratio Lower Upper
202 100
101 6.2 5.7 8.5
100 5.3 5.1 7.7

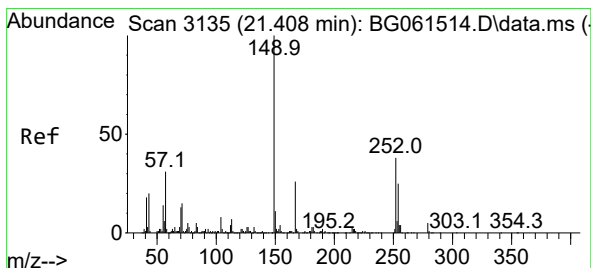
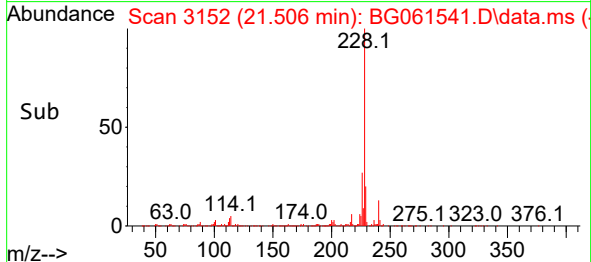
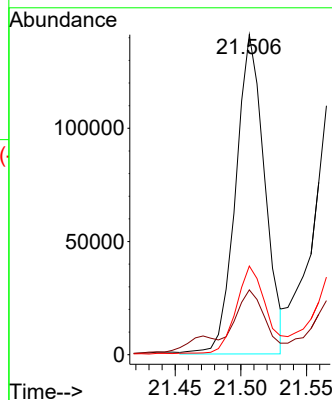
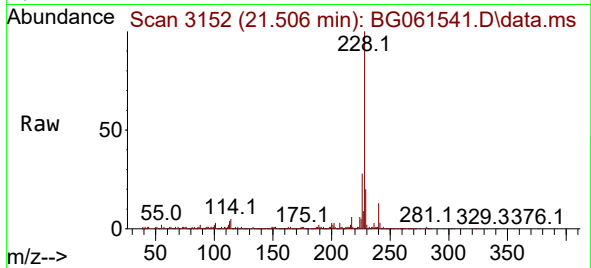




#85
Benzo(a)anthracene
Concen: 17.722 ng/ul
RT: 21.506 min Scan# 3151
Delta R.T. 0.005 min
Lab File: BG061541.D
Acq: 7 Jun 2024 20:20

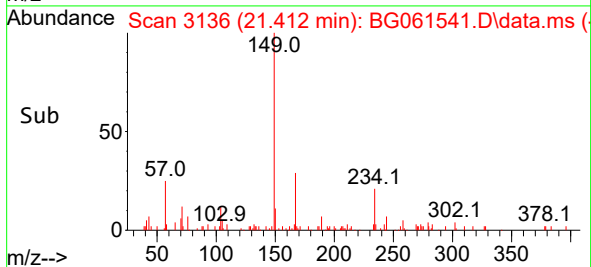
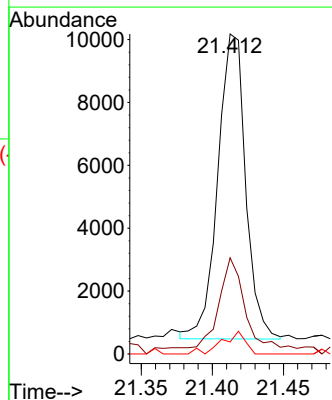
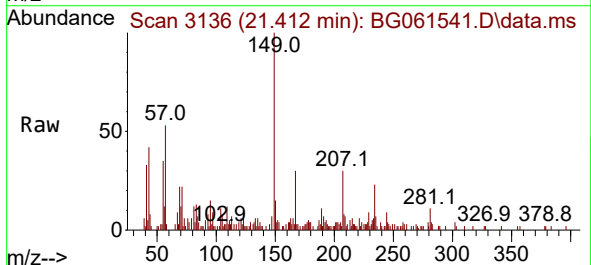
Instrument :
BNA_G
ClientSampleId :
A4C15

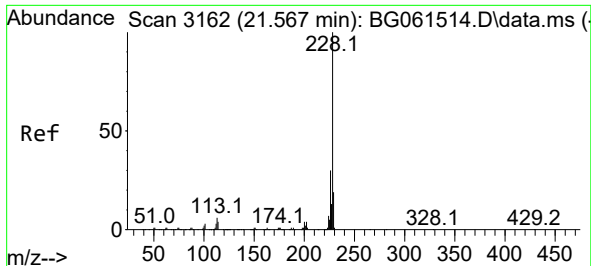
Tgt Ion:228 Resp: 216375
Ion Ratio Lower Upper
228 100
229 20.2 15.2 22.8
226 27.7 21.4 32.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.297 ng/ul
RT: 21.412 min Scan# 3136
Delta R.T. 0.005 min
Lab File: BG061541.D
Acq: 7 Jun 2024 20:20

Tgt Ion:149 Resp: 13216
Ion Ratio Lower Upper
149 100
167 30.1 21.1 31.7
279 3.8 3.3 4.9





#87

Chrysene

Concen: 20.102 ng/ul

RT: 21.571 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG061541.D

Acq: 7 Jun 2024 20:20

Instrument :

BNA_G

ClientSampleId :

A4C15

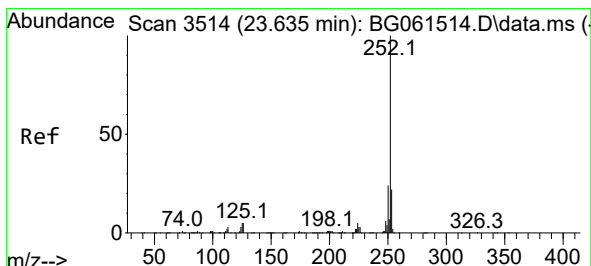
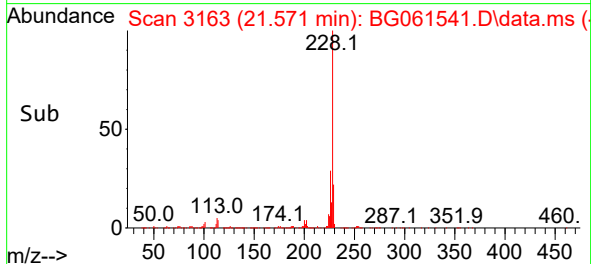
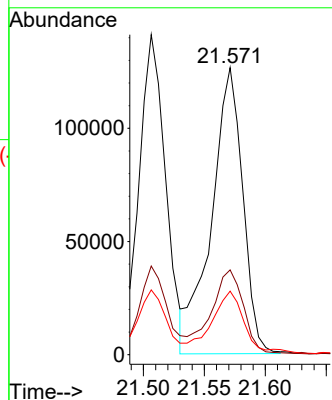
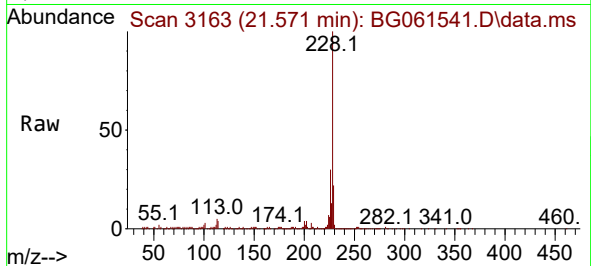
Tgt Ion:228 Resp: 225993

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.0

229 22.2 15.4 23.2



#90

Benzo(b)fluoranthene

Concen: 23.219 ng/ul

RT: 23.651 min Scan# 3517

Delta R.T. 0.017 min

Lab File: BG061541.D

Acq: 7 Jun 2024 20:20

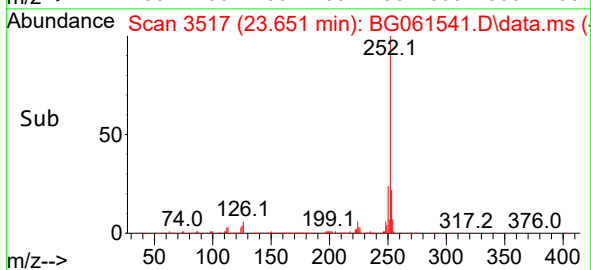
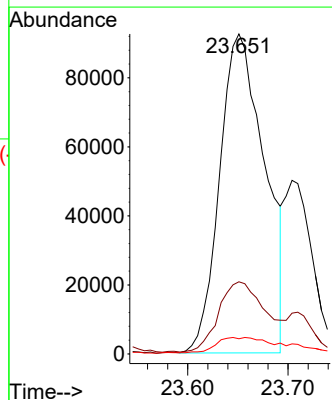
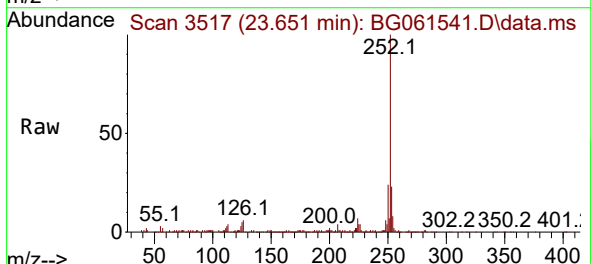
Tgt Ion:252 Resp: 288526

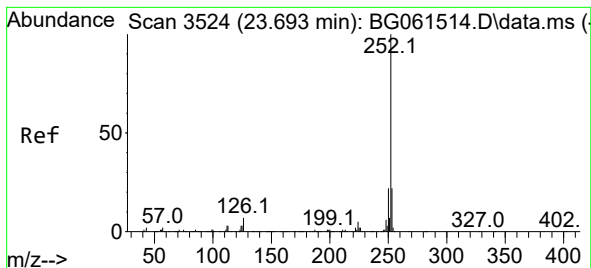
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 4.7 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 7.391 ng/ul

RT: 23.704 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG061541.D

Acq: 7 Jun 2024 20:20

Instrument :

BNA_G

ClientSampleId :

A4C15

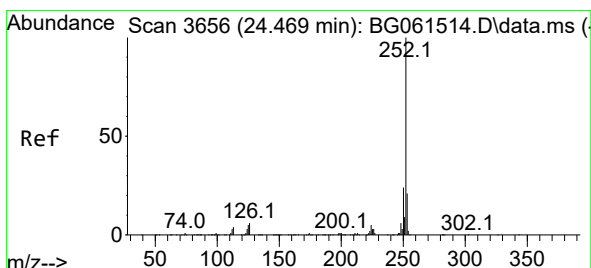
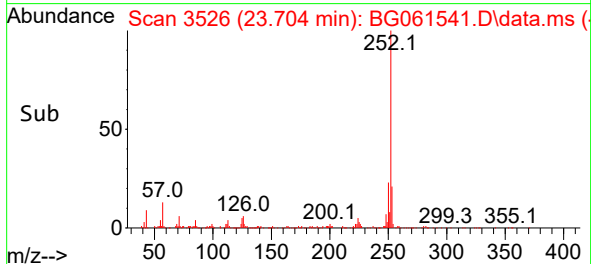
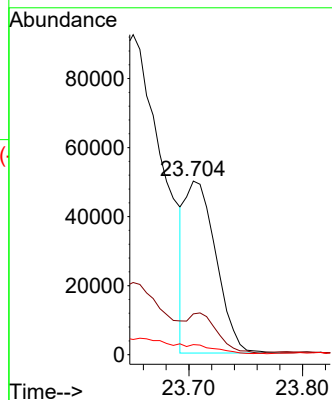
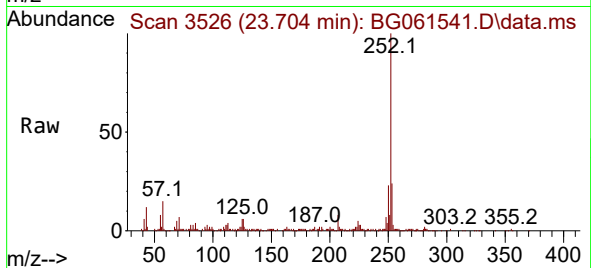
Tgt Ion:252 Resp: 93230

Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

125 5.8 4.3 6.5



#93

Benzo(a)pyrene

Concen: 9.751 ng/ul

RT: 24.485 min Scan# 3659

Delta R.T. 0.017 min

Lab File: BG061541.D

Acq: 7 Jun 2024 20:20

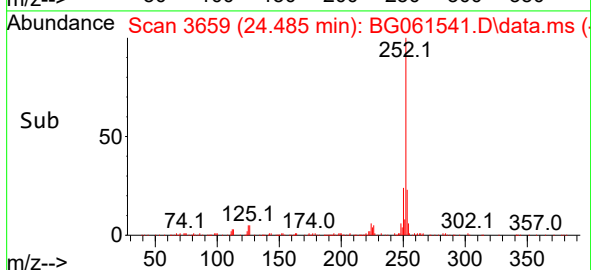
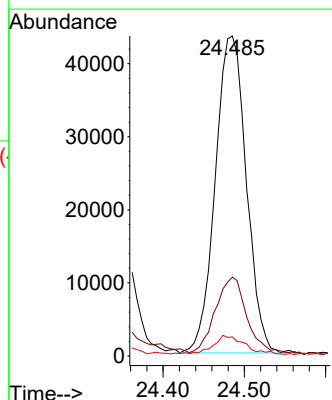
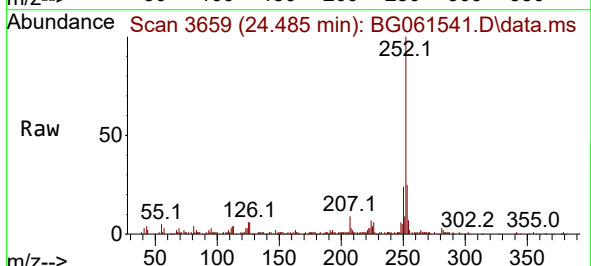
Tgt Ion:252 Resp: 115055

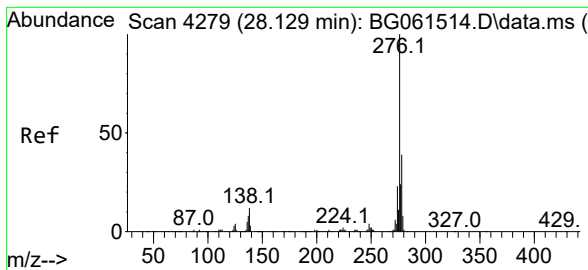
Ion Ratio Lower Upper

252 100

253 24.7 16.4 24.6#

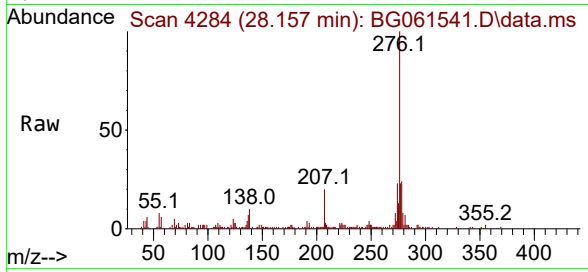
125 6.0 4.3 6.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 6.152 ng/ul
RT: 28.157 min Scan# 41
Delta R.T. 0.023 min
Lab File: BG061541.D
Acq: 7 Jun 2024 20:20

Instrument :
BNA_G
ClientSampleId :
A4C15



Tgt Ion:276 Resp: 87783
Ion Ratio Lower Upper
276 100
138 10.5 8.6 13.0
277 22.8 19.7 29.5

