

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061923.D
 Acq On : 6 Jul 2024 10:01
 Operator : MA/JU
 Sample : P2982-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CF0

Quant Time: Jul 08 01:41:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

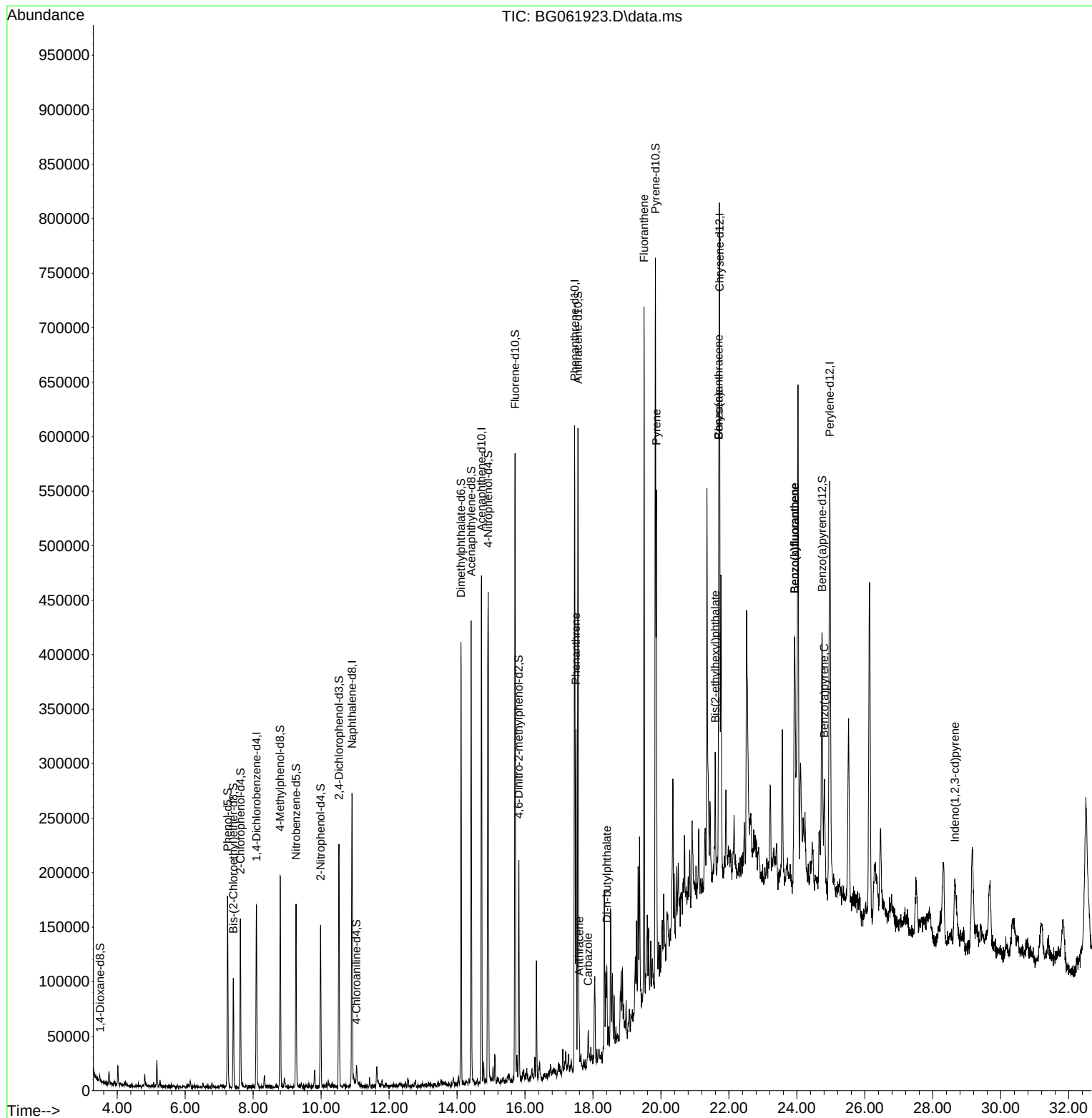
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	39948	20.000	ng/ul	0.00
20) Naphthalene-d8	10.906	136	210532	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.719	164	158549	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	363843	20.000	ng/ul	0.00
79) Chrysene-d12	21.723	240	309180	20.000	ng/ul	# 0.00
88) Perylene-d12	24.966	264	375972	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.491	96	2150	2.022	ng/uL	0.00
4) Pyridine-d5	3.896	84	368	0.113	ng/ul	0.00
7) Phenol-d5	7.246	99	85148	19.477	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	44787	16.177	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	56533	18.852	ng/ul	0.00
15) 4-Methylphenol-d8	8.791	113	62812	18.248	ng/ul	0.00
21) Nitrobenzene-d5	9.261	128	32514	20.306	ng/ul	0.00
24) 2-Nitrophenol-d4	9.983	143	35828	19.594	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.524	165	70157	19.892	ng/ul	0.00
31) 4-Chloroaniline-d4	11.035	131	8704	1.700	ng/ul	0.00
46) Dimethylphthalate-d6	14.114	166	240899	18.481	ng/ul	0.00
49) Acenaphthylene-d8	14.414	160	272028	19.958	ng/ul	0.00
54) 4-Nitrophenol-d4	14.913	143	38320	18.409	ng/ul	0.00
60) Fluorene-d10	15.706	176	215881	19.673	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	35396	18.524	ng/ul	-0.01
73) Anthracene-d10	17.557	188	325524	19.163	ng/ul	0.00
81) Pyrene-d10	19.837	212	329295	18.107	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.743	264	253471	13.594	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.498	178	180375	9.402	ng/ul	99
74) Anthracene	17.592	178	30313	1.529	ng/ul	96
77) Carbazole	17.857	167	16939	1.015	ng/ul#	93
78) Di-n-butylphthalate	18.409	149	49425	2.307	ng/ul#	97
80) Fluoranthene	19.502	202	377712	17.550	ng/ul#	95
82) Pyrene	19.866	202	278004	12.505	ng/ul	97
85) Benzo(a)anthracene	21.699	228	167107	7.465	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.599	149	40273	3.008	ng/ul#	96
87) Chrysene	21.699	228	165875	7.915	ng/ul	99
90) Benzo(b)fluoranthene	23.932	252	269558	11.380	ng/ul#	97
91) Benzo(k)fluoranthene	23.932	252	269558	11.412	ng/ul	97
93) Benzo(a)pyrene	24.807	252	98909	4.410	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.650	276	54544	1.903	ng/ul#	95

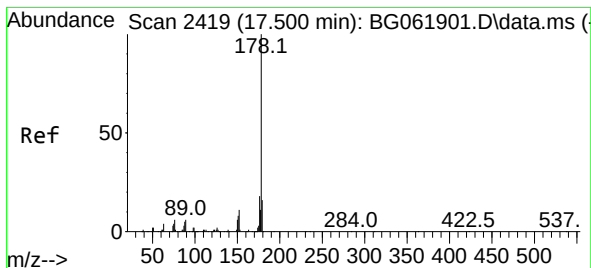
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061923.D
Acq On : 6 Jul 2024 10:01
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Quant Time: Jul 08 01:41:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 9.402 ng/ul

RT: 17.498 min Scan# 2419

Delta R.T. -0.008 min

Lab File: BG061923.D

Acq: 6 Jul 2024 10:01

Instrument :

BNA_G

ClientSampleId :

A4CF0

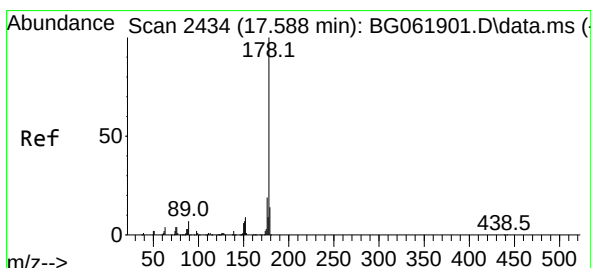
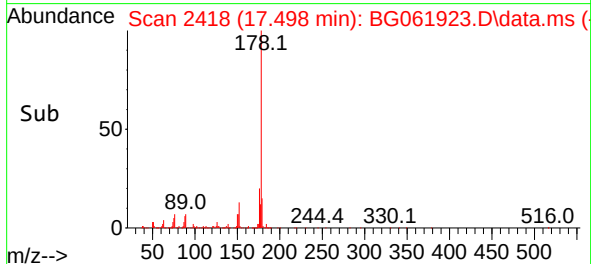
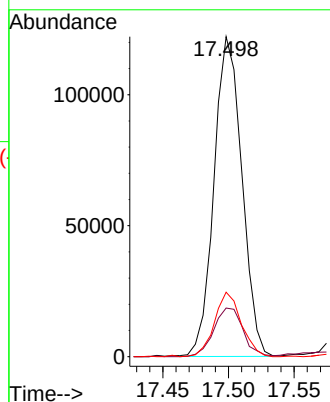
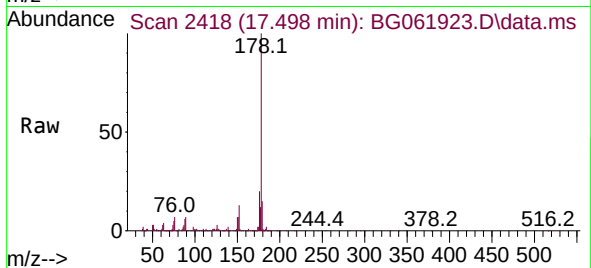
Tgt Ion:178 Resp: 180375

Ion Ratio Lower Upper

178 100

179 15.2 11.9 17.9

176 20.2 15.5 23.3



#74

Anthracene

Concen: 1.529 ng/ul

RT: 17.592 min Scan# 2434

Delta R.T. -0.003 min

Lab File: BG061923.D

Acq: 6 Jul 2024 10:01

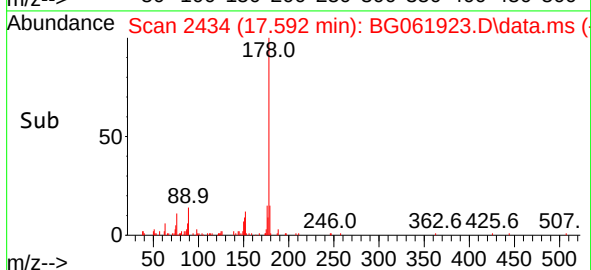
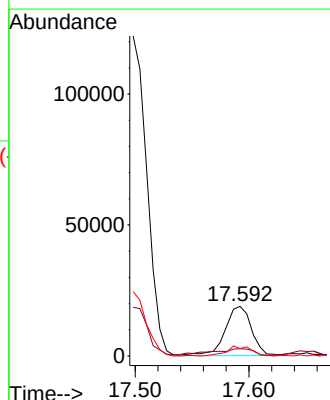
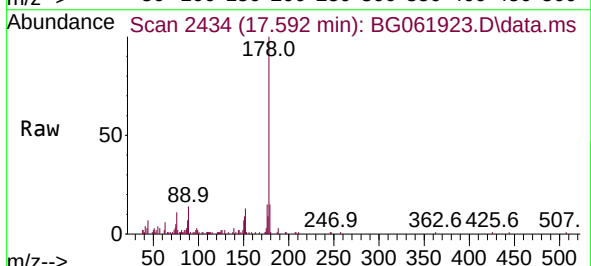
Tgt Ion:178 Resp: 30313

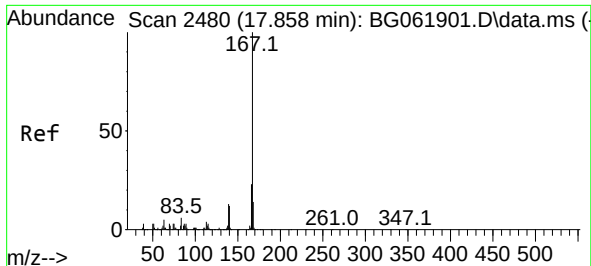
Ion Ratio Lower Upper

178 100

179 14.7 11.9 17.9

176 15.0 14.7 22.1

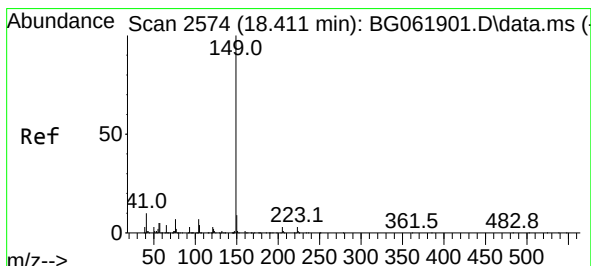
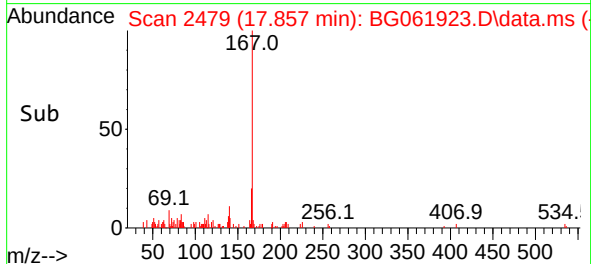
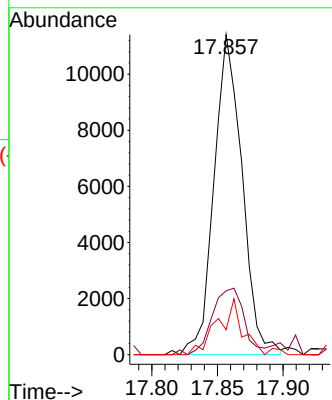
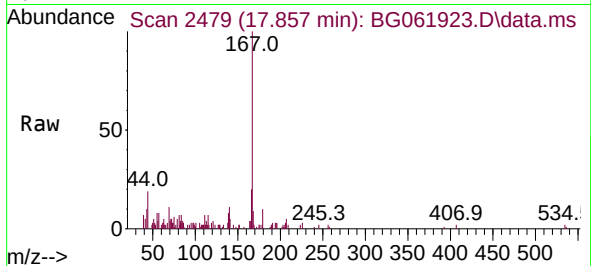




#77
Carbazole
Concen: 1.015 ng/ul
RT: 17.857 min Scan# 2480
Delta R.T. -0.008 min
Lab File: BG061923.D
Acq: 6 Jul 2024 10:01

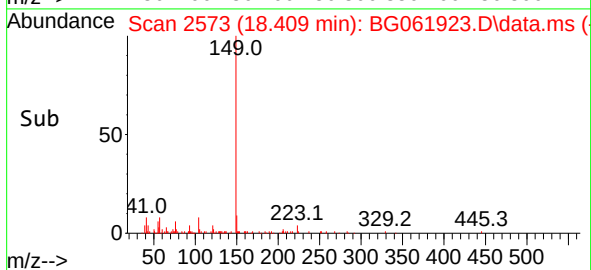
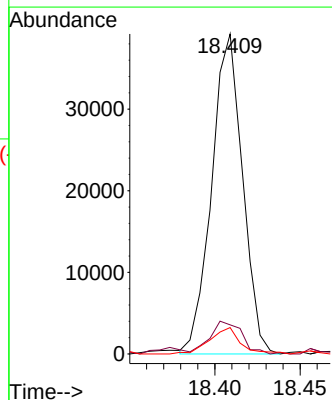
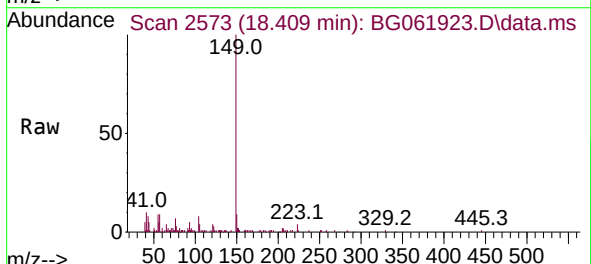
Instrument :
BNA_G
ClientSampleId :
A4CF0

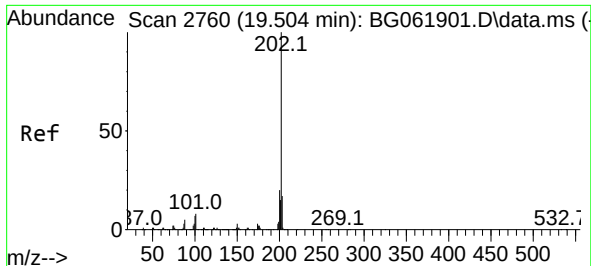
Tgt Ion:167 Resp: 16939
Ion Ratio Lower Upper
167 100
166 20.0 18.2 27.2
139 7.8 9.6 14.4#



#78
Di-n-butylphthalate
Concen: 2.307 ng/ul
RT: 18.409 min Scan# 2573
Delta R.T. -0.003 min
Lab File: BG061923.D
Acq: 6 Jul 2024 10:01

Tgt Ion:149 Resp: 49425
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 8.3 5.0 7.4#

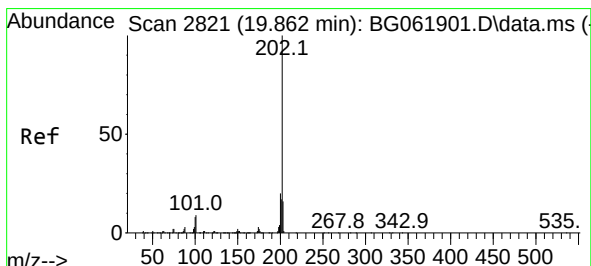
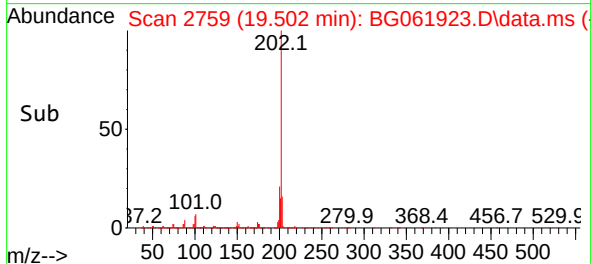
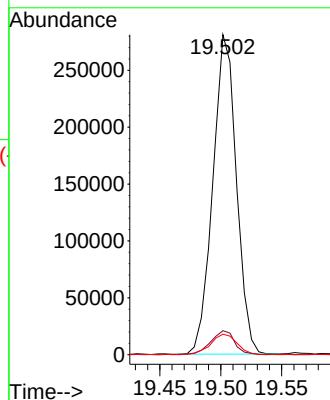
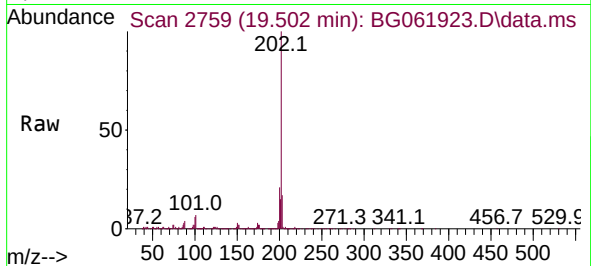




#80
Fluoranthene
Concen: 17.550 ng/u1
RT: 19.502 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG061923.D
Acq: 6 Jul 2024 10:01

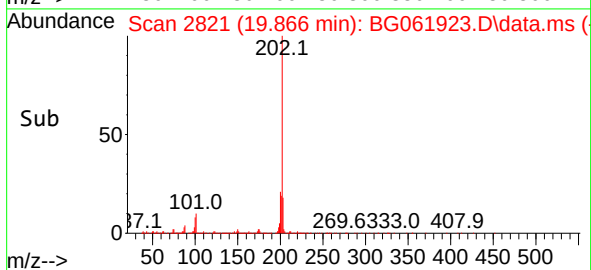
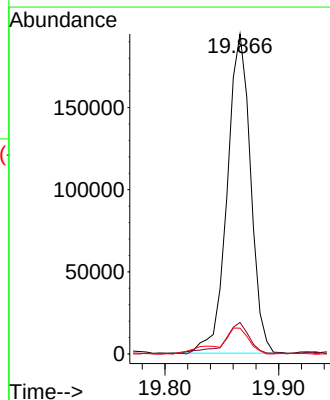
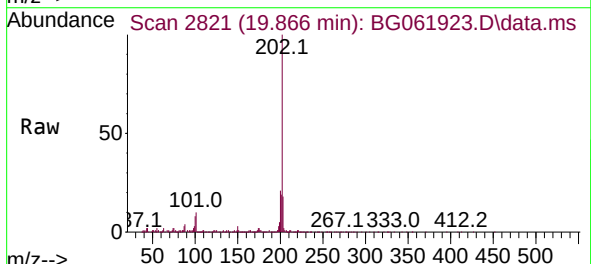
Instrument :
BNA_G
ClientSampleId :
A4CF0

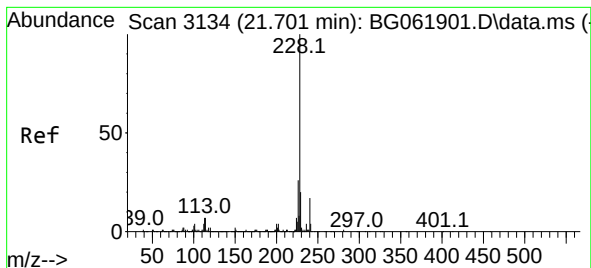
Tgt Ion:202 Resp: 377712
Ion Ratio Lower Upper
202 100
101 7.5 7.4 11.2
100 6.4 6.6 10.0#



#82
Pyrene
Concen: 12.505 ng/u1
RT: 19.866 min Scan# 2821
Delta R.T. -0.003 min
Lab File: BG061923.D
Acq: 6 Jul 2024 10:01

Tgt Ion:202 Resp: 278004
Ion Ratio Lower Upper
202 100
101 9.8 8.8 13.2
100 8.1 7.6 11.4





#85

Benzo(a)anthracene

Concen: 7.465 ng/ul

RT: 21.699 min Scan# 3113

Delta R.T. -0.003 min

Lab File: BG061923.D

Acq: 6 Jul 2024 10:01

Instrument :

BNA_G

ClientSampleId :

A4CF0

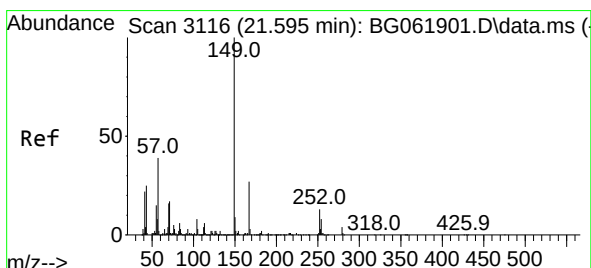
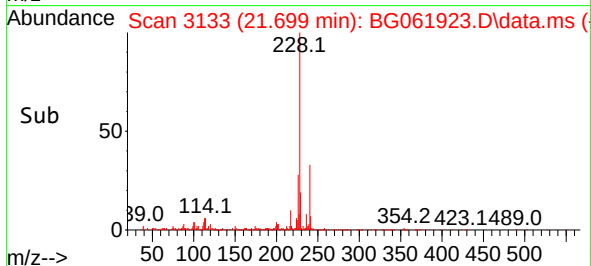
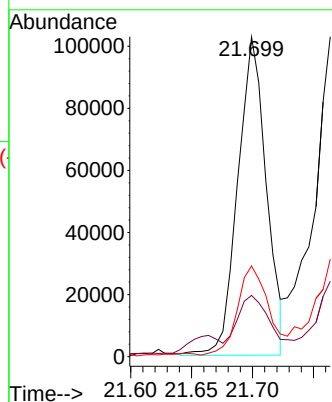
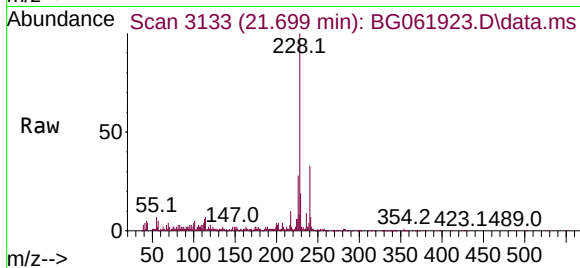
Tgt Ion:228 Resp: 167107

Ion Ratio Lower Upper

228 100

229 19.2 15.7 23.5

226 28.4 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.008 ng/ul

RT: 21.599 min Scan# 3116

Delta R.T. -0.003 min

Lab File: BG061923.D

Acq: 6 Jul 2024 10:01

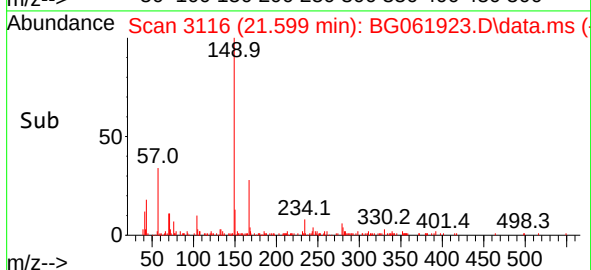
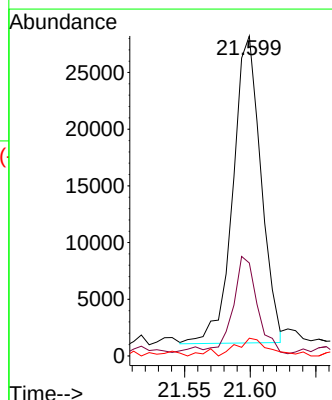
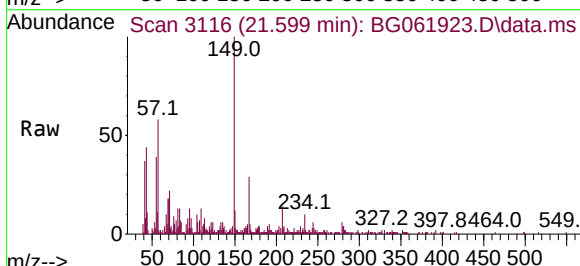
Tgt Ion:149 Resp: 40273

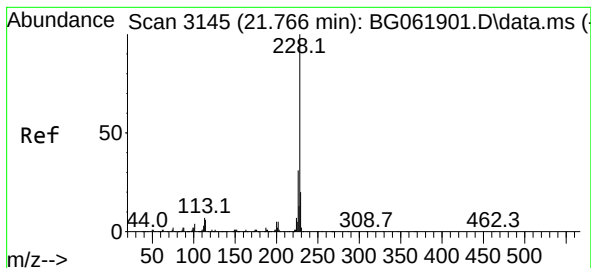
Ion Ratio Lower Upper

149 100

167 29.1 21.7 32.5

279 5.6 2.8 4.2#





#87

Chrysene

Concen: 7.915 ng/ul

RT: 21.699 min Scan# 3145

Delta R.T. -0.073 min

Lab File: BG061923.D

Acq: 6 Jul 2024 10:01

Instrument :

BNA_G

ClientSampleId :

A4CF0

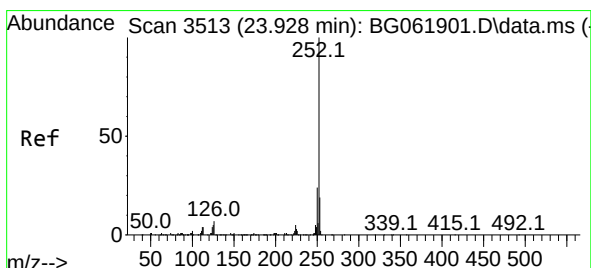
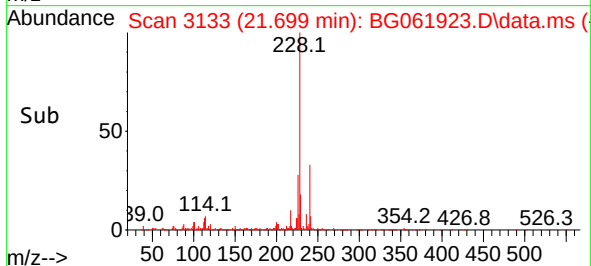
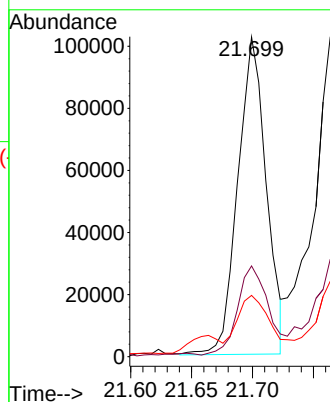
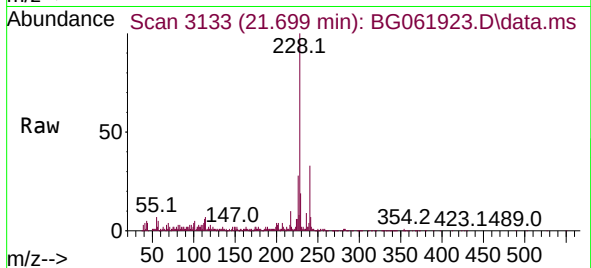
Tgt Ion:228 Resp: 165875

Ion Ratio Lower Upper

228 100

226 28.4 23.3 34.9

229 19.2 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 11.380 ng/ul

RT: 23.932 min Scan# 3513

Delta R.T. -0.003 min

Lab File: BG061923.D

Acq: 6 Jul 2024 10:01

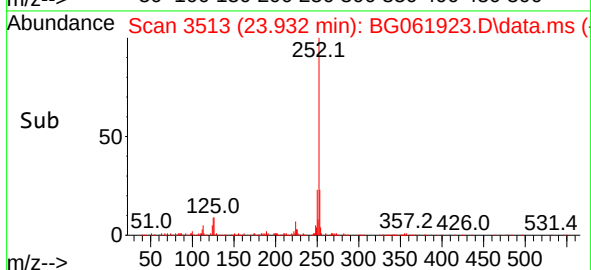
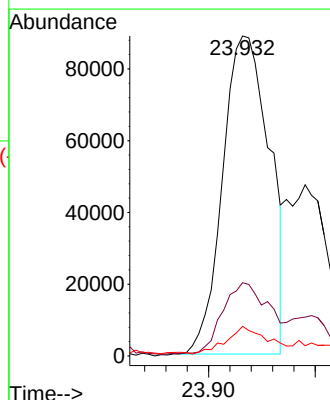
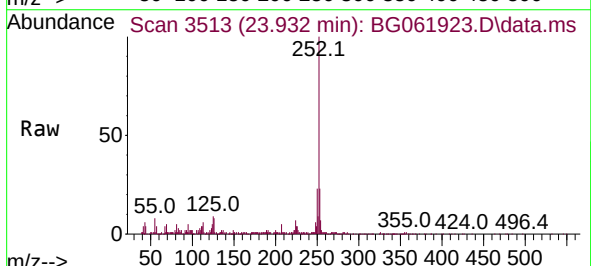
Tgt Ion:252 Resp: 269558

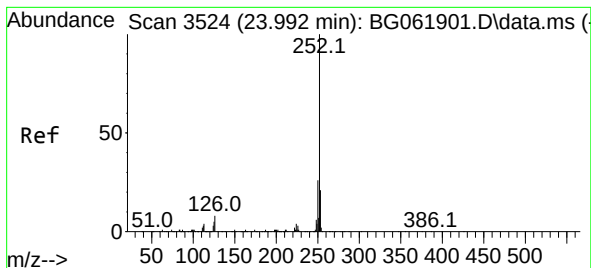
Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 9.2 6.1 9.1#





#91

Benzo(k)fluoranthene

Concen: 11.412 ng/ul

RT: 23.932 min Scan# 3513

Delta R.T. -0.073 min

Lab File: BG061923.D

Acq: 6 Jul 2024 10:01

Instrument :

BNA_G

ClientSampleId :

A4CF0

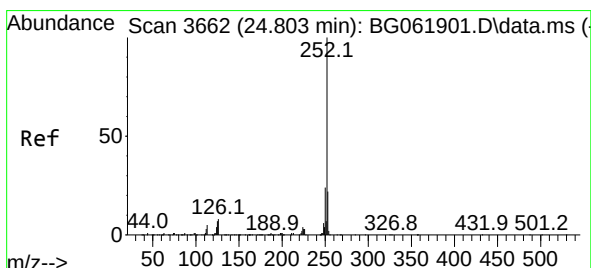
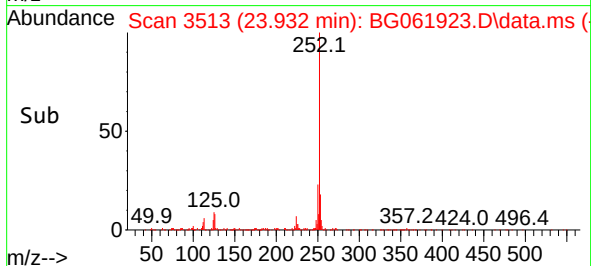
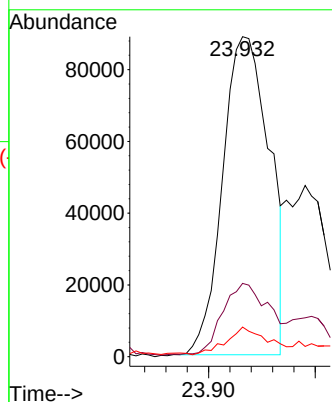
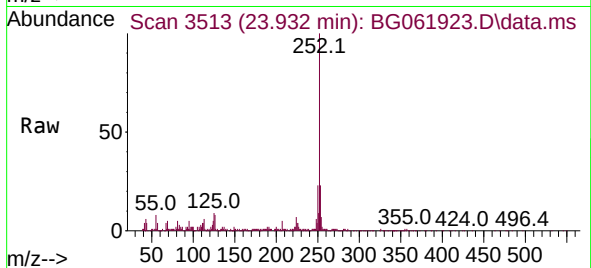
Tgt Ion:252 Resp: 269558

Ion Ratio Lower Upper

252 100

253 22.9 19.3 28.9

125 9.2 6.3 9.5



#93

Benzo(a)pyrene

Concen: 4.410 ng/ul

RT: 24.807 min Scan# 3662

Delta R.T. -0.008 min

Lab File: BG061923.D

Acq: 6 Jul 2024 10:01

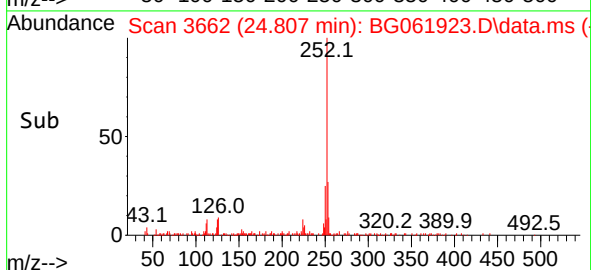
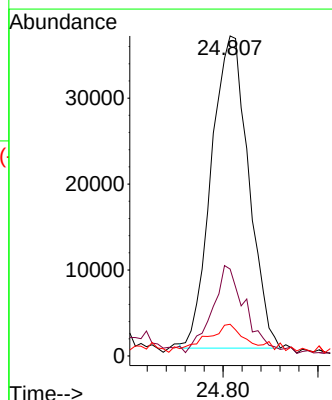
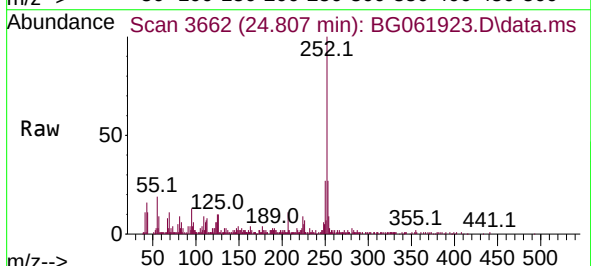
Tgt Ion:252 Resp: 98909

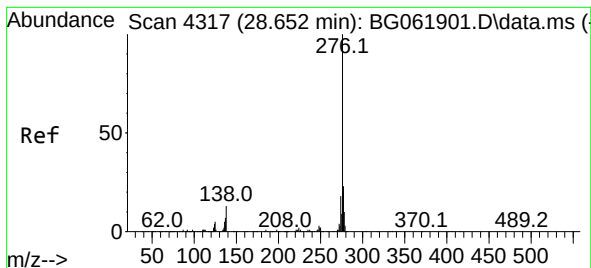
Ion Ratio Lower Upper

252 100

253 27.1 16.5 24.7#

125 9.9 7.4 11.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.903 ng/ul

RT: 28.650 min Scan# 41

Delta R.T. -0.014 min

Lab File: BG061923.D

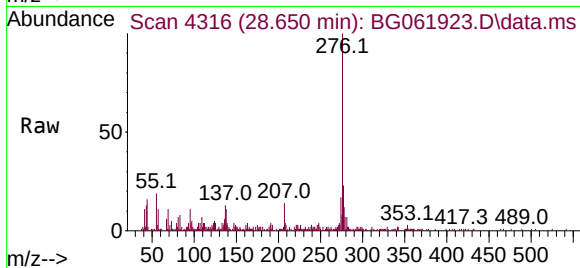
Acq: 6 Jul 2024 10:01

Instrument :

BNA_G

ClientSampleId :

A4CF0



Tgt Ion:276 Resp: 54544

Ion Ratio Lower Upper

276 100

138 11.1 11.9 17.9#

277 23.2 19.3 28.9

