

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061924.D
 Acq On : 6 Jul 2024 10:41
 Operator : MA/JU
 Sample : P2982-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT2

Quant Time: Jul 08 01:41:48 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

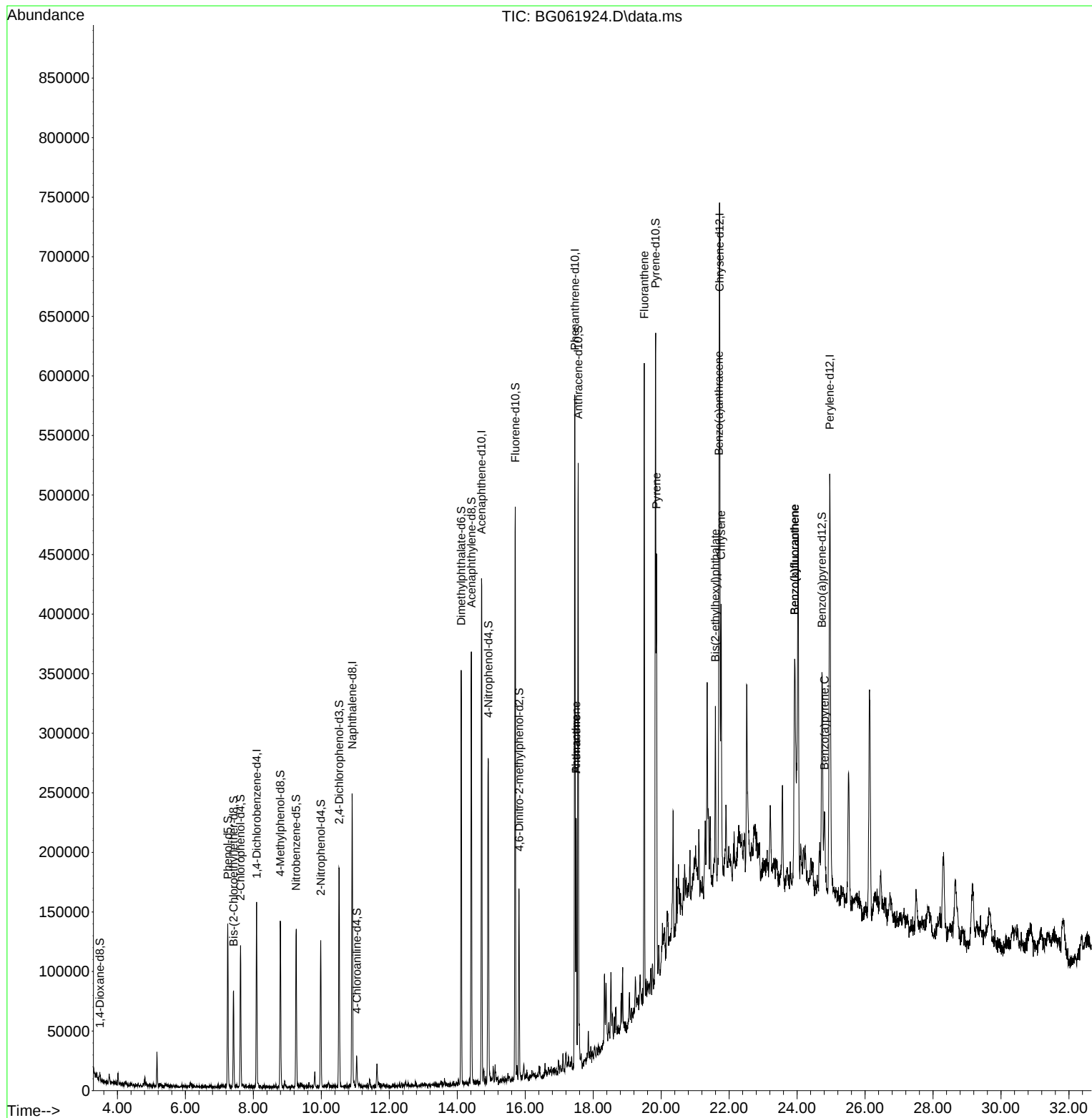
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	35107	20.000	ng/u1	0.00
20) Naphthalene-d8	10.908	136	181805	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.715	164	143317	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.459	188	334772	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.719	240	285167	20.000	ng/u1	0.00
88) Perylene-d12	24.962	264	351724	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	2132	2.282	ng/uL	0.00
4) Pyridine-d5	3.899	84	285	0.099	ng/u1	0.00
7) Phenol-d5	7.248	99	65373	17.015	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	37228	15.301	ng/u1	0.00
11) 2-Chlorophenol-d4	7.624	132	45633	17.315	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	46942	15.518	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	25728	18.607	ng/u1	0.00
24) 2-Nitrophenol-d4	9.986	143	30254	19.160	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	57354	18.832	ng/u1	0.00
31) 4-Chloroaniline-d4	11.043	131	11212	2.536	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	213620	18.130	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	231660	18.803	ng/u1	0.00
54) 4-Nitrophenol-d4	14.915	143	28261	15.019	ng/u1	0.00
60) Fluorene-d10	15.708	176	187576	18.911	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	29912	17.013	ng/u1	0.00
73) Anthracene-d10	17.559	188	288417	18.453	ng/u1	0.00
81) Pyrene-d10	19.839	212	276530	16.486	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.733	264	198977	11.407	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.500	178	125434	7.106	ng/u1	97
74) Anthracene	17.500	178	125434	6.876	ng/u1	96
80) Fluoranthene	19.504	202	317805	16.010	ng/u1#	93
82) Pyrene	19.862	202	219470	10.703	ng/u1	96
85) Benzo(a)anthracene	21.701	228	135065	6.542	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.596	149	52388	4.242	ng/u1#	97
87) Chrysene	21.766	228	167702	8.676	ng/u1	94
90) Benzo(b)fluoranthene	23.928	252	244475	11.032	ng/u1	96
91) Benzo(k)fluoranthene	23.928	252	244475	11.063	ng/u1	99
93) Benzo(a)pyrene	24.809	252	76080	3.626	ng/u1	95

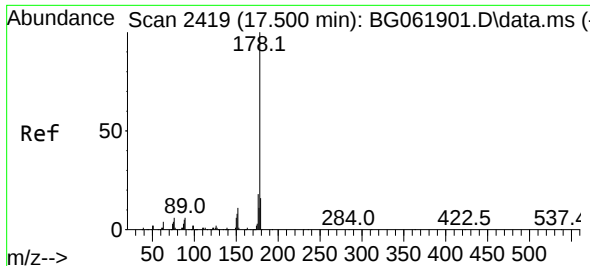
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061924.D
Acq On : 6 Jul 2024 10:41
Operator : MA/JU
Sample : P2982-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CT2

Quant Time: Jul 08 01:41:48 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

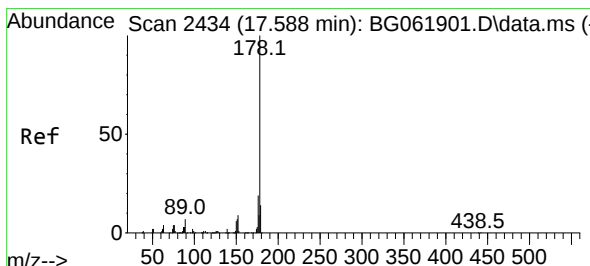
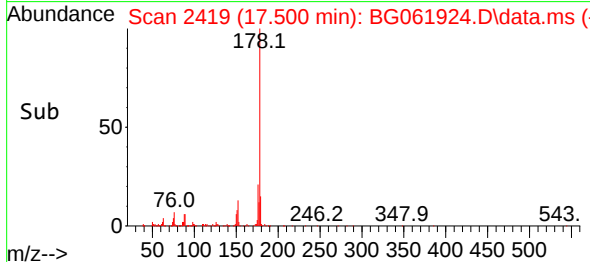
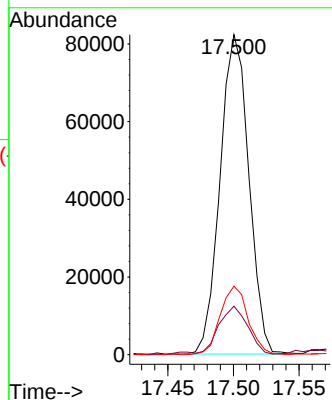
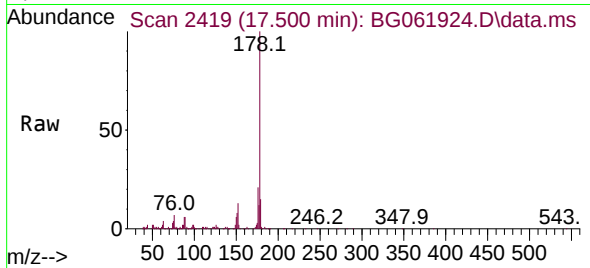




#72
Phenanthrene
Concen: 7.106 ng/ul
RT: 17.500 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BG061924.D
Acq: 6 Jul 2024 10:41

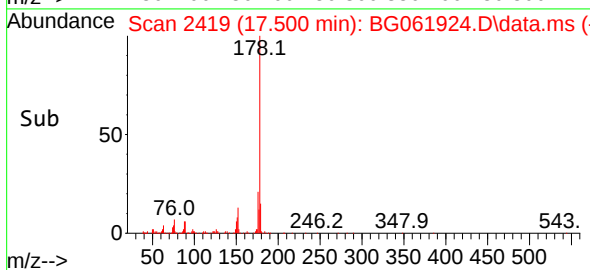
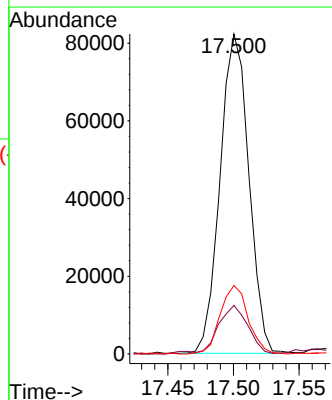
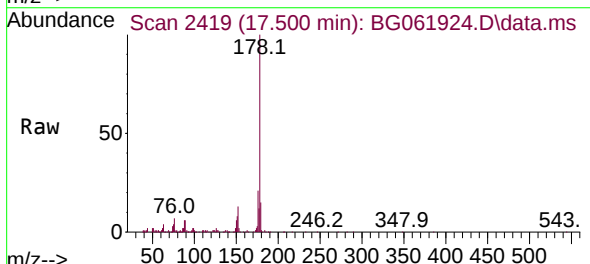
Instrument :
BNA_G
ClientSampleId :
A4CT2

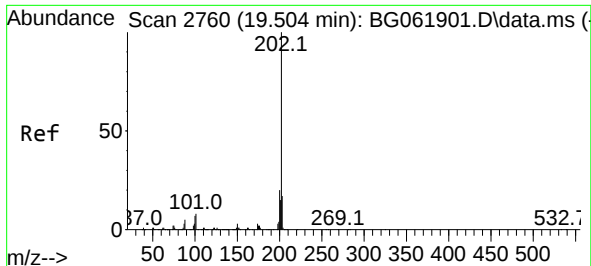
Tgt Ion:178 Resp: 125434
Ion Ratio Lower Upper
178 100
179 15.2 11.9 17.9
176 21.4 15.5 23.3



#74
Anthracene
Concen: 6.876 ng/ul
RT: 17.500 min Scan# 2419
Delta R.T. -0.094 min
Lab File: BG061924.D
Acq: 6 Jul 2024 10:41

Tgt Ion:178 Resp: 125434
Ion Ratio Lower Upper
178 100
179 15.2 11.9 17.9
176 21.4 14.7 22.1

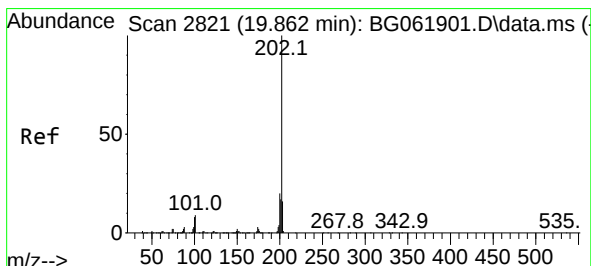
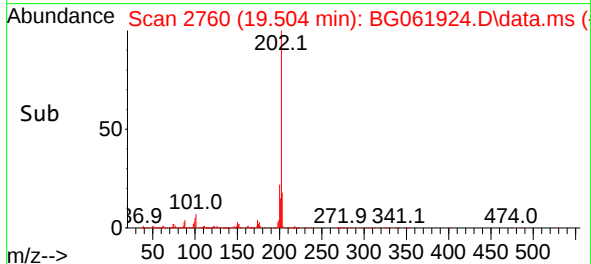
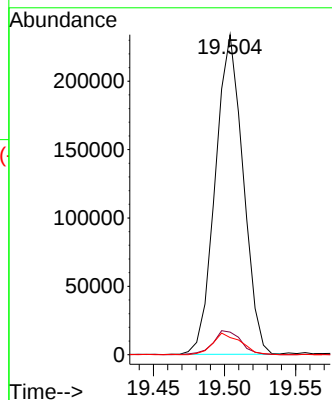
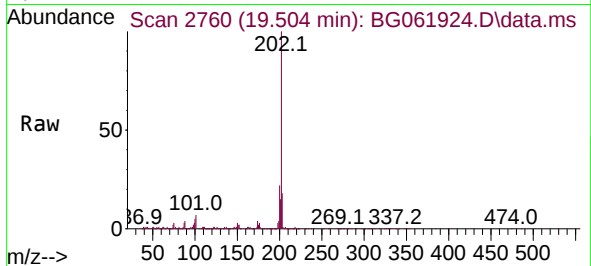




#80
Fluoranthene
Concen: 16.010 ng/ul
RT: 19.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG061924.D
Acq: 6 Jul 2024 10:41

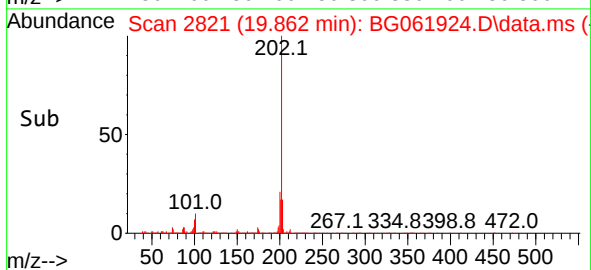
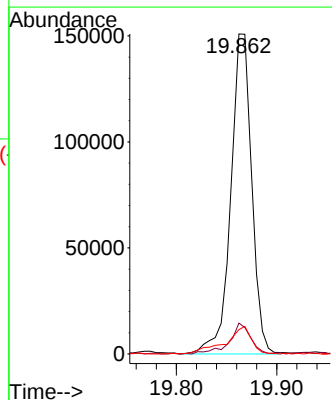
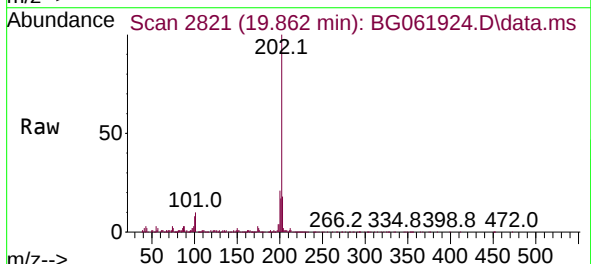
Instrument :
BNA_G
ClientSampleId :
A4CT2

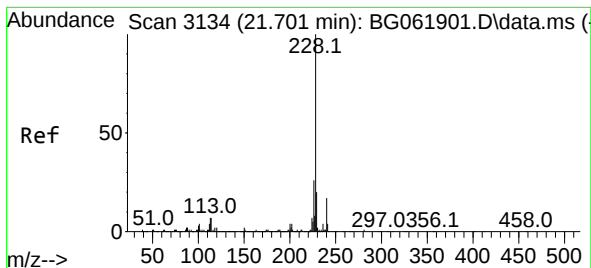
Tgt Ion:202 Resp: 317805
Ion Ratio Lower Upper
202 100
101 7.1 7.4 11.2#
100 5.4 6.6 10.0#



#82
Pyrene
Concen: 10.703 ng/ul
RT: 19.862 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BG061924.D
Acq: 6 Jul 2024 10:41

Tgt Ion:202 Resp: 219470
Ion Ratio Lower Upper
202 100
101 9.7 8.8 13.2
100 7.6 7.6 11.4





#85

Benzo(a)anthracene

Concen: 6.542 ng/ul

RT: 21.701 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BG061924.D

Acq: 6 Jul 2024 10:41

Instrument :

BNA_G

ClientSampleId :

A4CT2

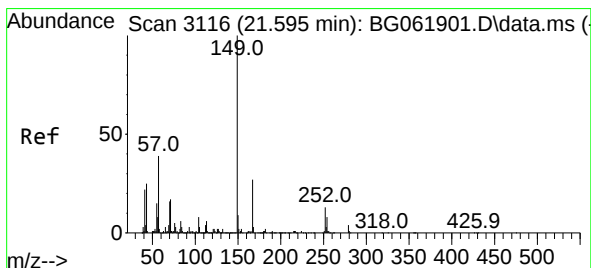
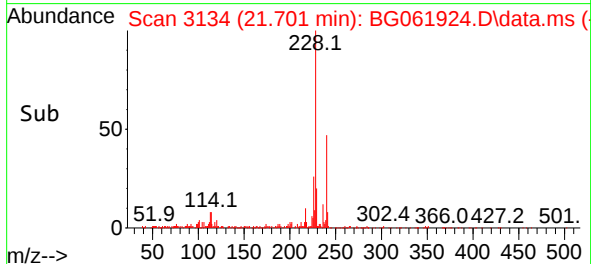
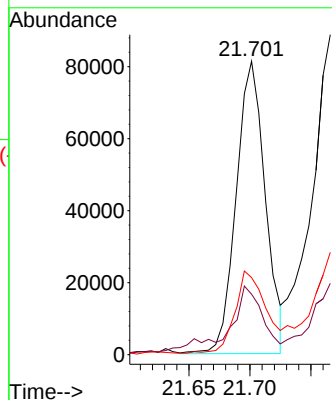
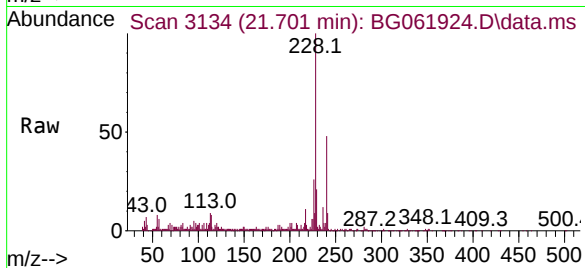
Tgt Ion:228 Resp: 135065

Ion Ratio Lower Upper

228 100

229 20.6 15.7 23.5

226 26.3 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.242 ng/ul

RT: 21.596 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BG061924.D

Acq: 6 Jul 2024 10:41

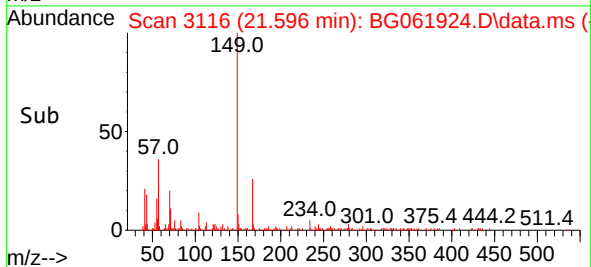
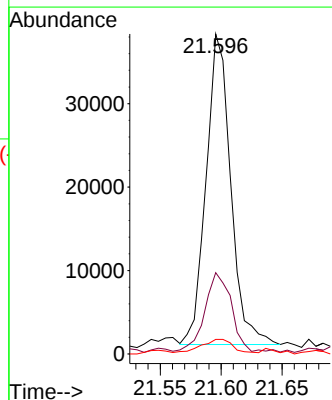
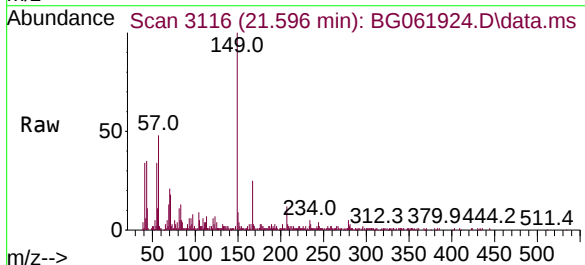
Tgt Ion:149 Resp: 52388

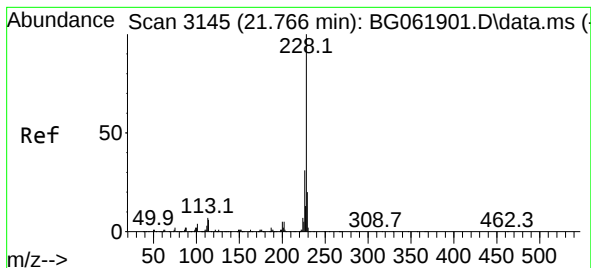
Ion Ratio Lower Upper

149 100

167 25.4 21.7 32.5

279 4.5 2.8 4.2#





#87

Chrysene

Concen: 8.676 ng/ul

RT: 21.766 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BG061924.D

Acq: 6 Jul 2024 10:41

Instrument :

BNA_G

ClientSampleId :

A4CT2

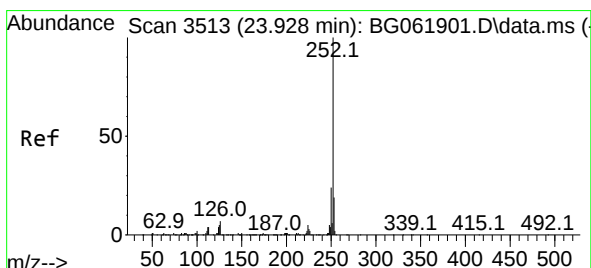
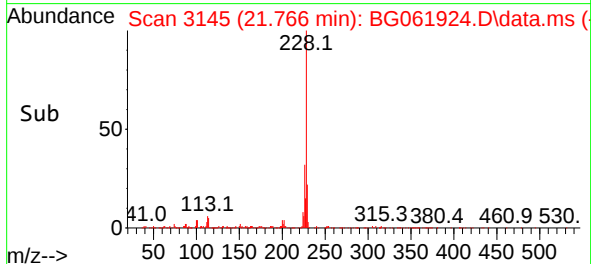
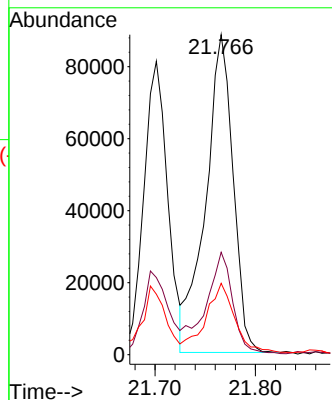
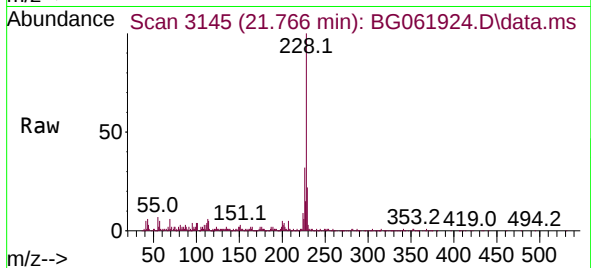
Tgt Ion:228 Resp: 167702

Ion Ratio Lower Upper

228 100

226 32.0 23.3 34.9

229 22.3 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 11.032 ng/ul

RT: 23.928 min Scan# 3513

Delta R.T. -0.006 min

Lab File: BG061924.D

Acq: 6 Jul 2024 10:41

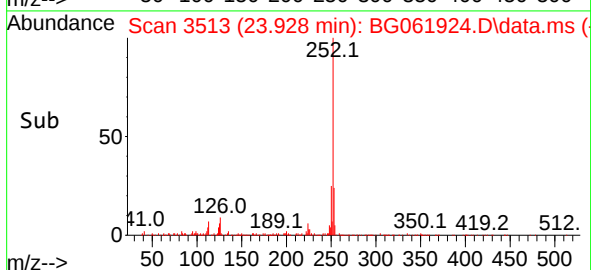
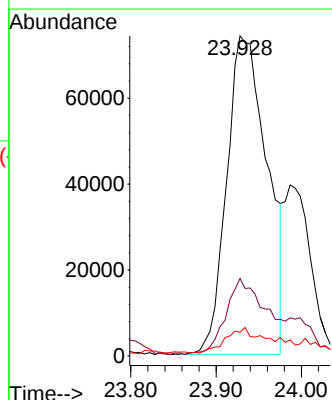
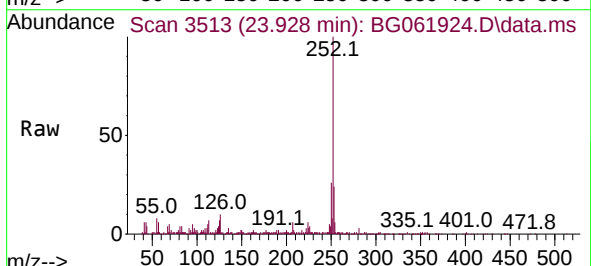
Tgt Ion:252 Resp: 244475

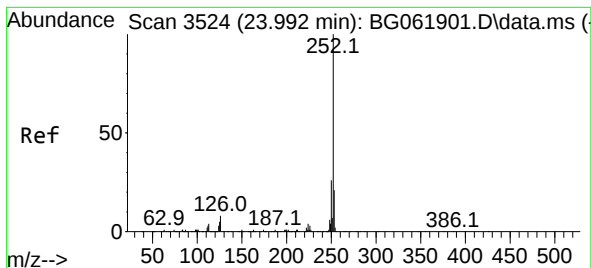
Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

125 7.4 6.1 9.1





#91

Benzo(k)fluoranthene

Concen: 11.063 ng/ul

RT: 23.928 min Scan# 3

Delta R.T. -0.077 min

Lab File: BG061924.D

Acq: 6 Jul 2024 10:41

Instrument :

BNA_G

ClientSampleId :

A4CT2

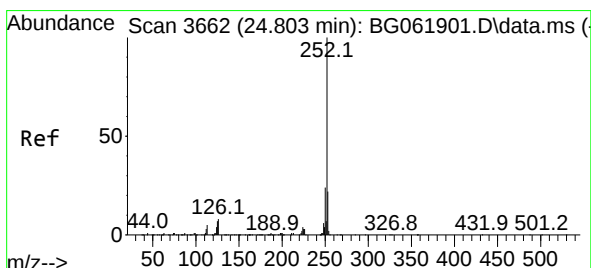
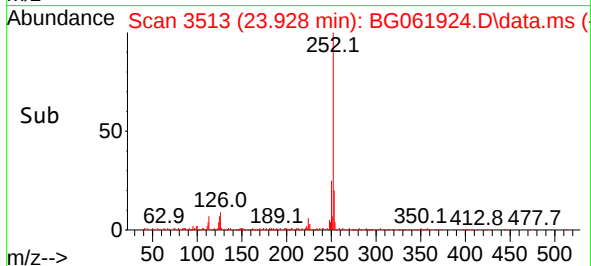
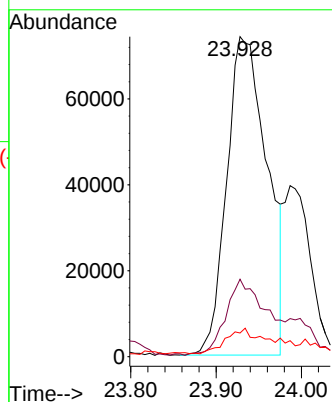
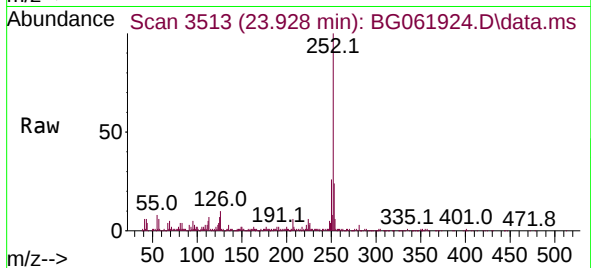
Tgt Ion:252 Resp: 244475

Ion Ratio Lower Upper

252 100

253 24.2 19.3 28.9

125 7.4 6.3 9.5



#93

Benzo(a)pyrene

Concen: 3.626 ng/ul

RT: 24.809 min Scan# 3663

Delta R.T. -0.006 min

Lab File: BG061924.D

Acq: 6 Jul 2024 10:41

Tgt Ion:252 Resp: 76080

Ion Ratio Lower Upper

252 100

253 22.8 16.5 24.7

125 11.2 7.4 11.2

