

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061921.D
 Acq On : 6 Jul 2024 8:40
 Operator : MA/JU
 Sample : P2982-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CF2

Quant Time: Jul 08 01:41:04 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)

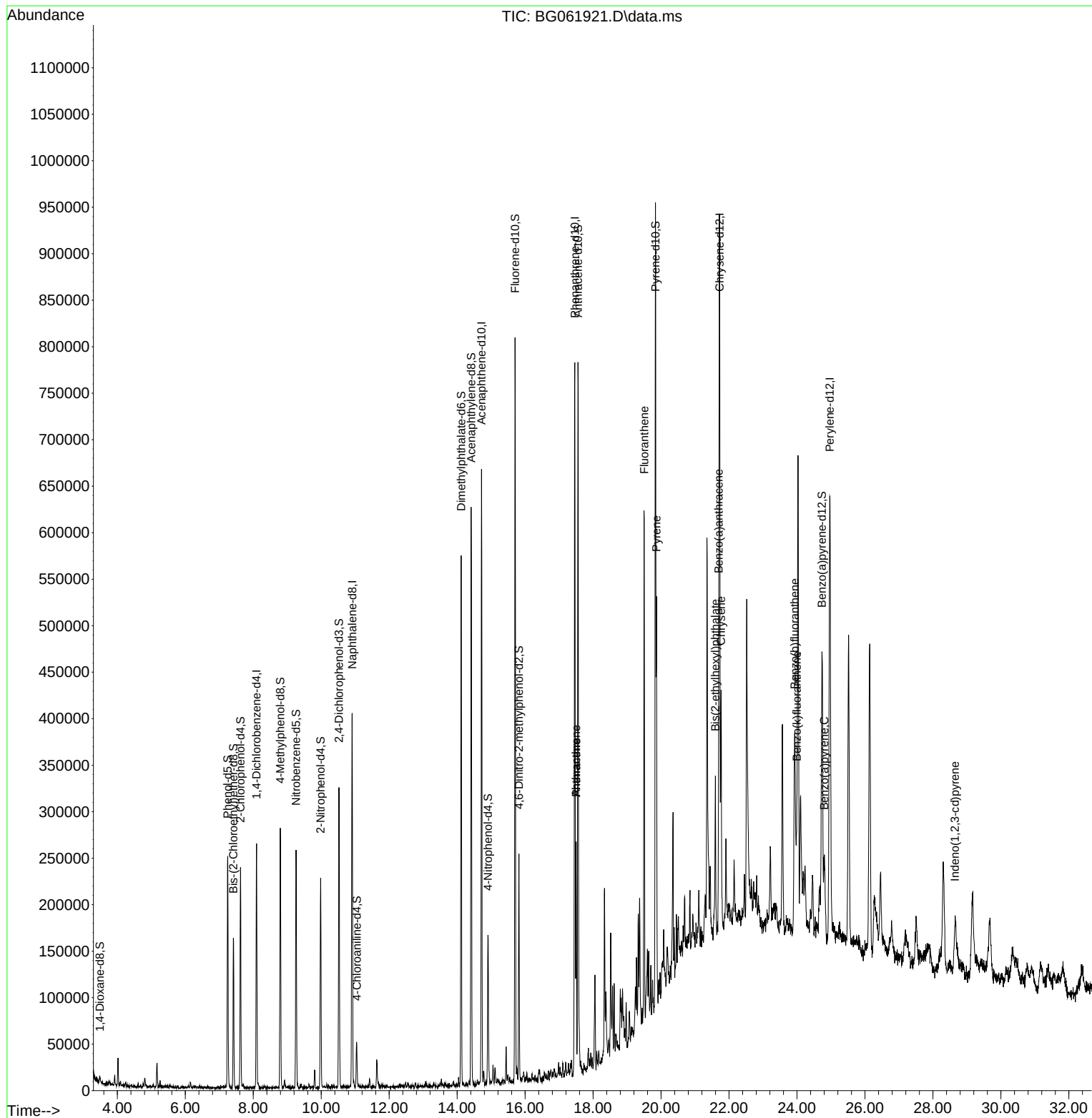
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	62419	20.000	ng/u1	0.00
20) Naphthalene-d8	10.909	136	309029	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.717	164	212862	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.460	188	471356	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.720	240	410678	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	502859	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.483	96	3762	2.265	ng/uL	0.00
4) Pyridine-d5	3.918	84	552	0.108	ng/u1	0.01
7) Phenol-d5	7.243	99	120069	17.577	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.413	67	72883	16.848	ng/u1	0.00
11) 2-Chlorophenol-d4	7.625	132	88725	18.936	ng/u1	0.00
15) 4-Methylphenol-d8	8.794	113	90042	16.742	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	47277	20.116	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	54918	20.462	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	105779	20.433	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.044	131	21676	2.884	ng/u1	0.00
46) Dimethylphthalate-d6	14.117	166	343620	19.635	ng/u1	0.00
49) Acenaphthylene-d8	14.411	160	389032	21.260	ng/u1	0.00
54) 4-Nitrophenol-d4	14.905	143	25451	9.107	ng/u1	-0.01
60) Fluorene-d10	15.704	176	303935	20.631	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	41809	16.889	ng/u1	-0.01
73) Anthracene-d10	17.555	188	453417	20.603	ng/u1	0.00
81) Pyrene-d10	19.834	212	443551	18.362	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.734	264	347091	13.917	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.502	178	147480	5.934	ng/u1	97
74) Anthracene	17.502	178	147805	5.755	ng/u1	95
80) Fluoranthene	19.505	202	344952	12.067	ng/u1#	94
82) Pyrene	19.864	202	254584	8.621	ng/u1#	96
85) Benzo(a)anthracene	21.697	228	163719	5.506	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.597	149	61608	3.464	ng/u1#	95
87) Chrysene	21.767	228	183981	6.609	ng/u1	99
90) Benzo(b)fluoranthene	23.929	252	260084	8.209	ng/u1	99
91) Benzo(k)fluoranthene	23.994	252	98285	3.111	ng/u1	98
93) Benzo(a)pyrene	24.805	252	98755	3.292	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.647	276	67294	1.755	ng/u1	97

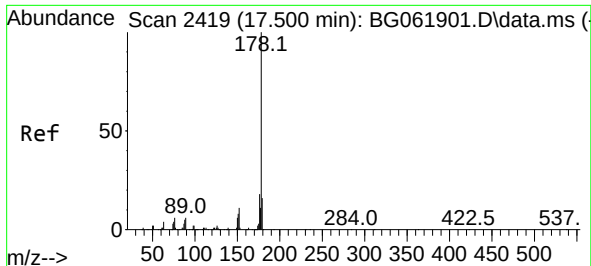
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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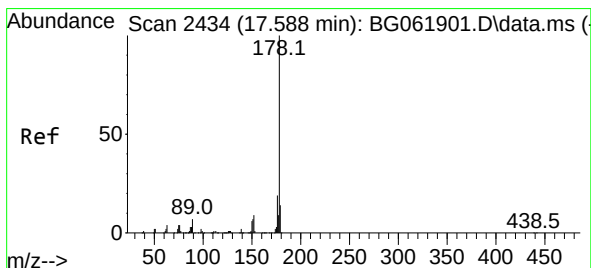
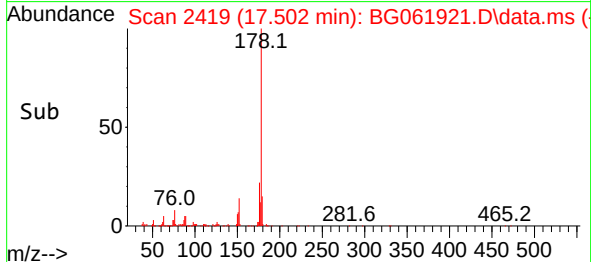
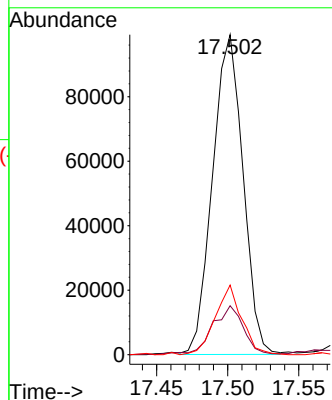
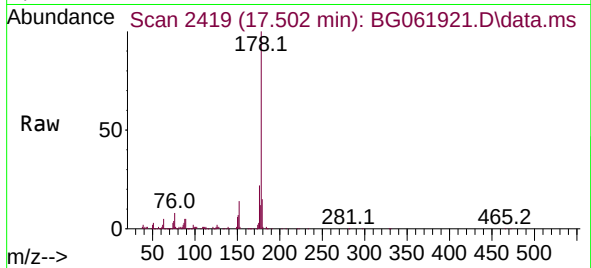




#72
 Phenanthrene
 Concen: 5.934 ng/ul
 RT: 17.502 min Scan# 2419
 Delta R.T. -0.005 min
 Lab File: BG061921.D
 Acq: 6 Jul 2024 8:40

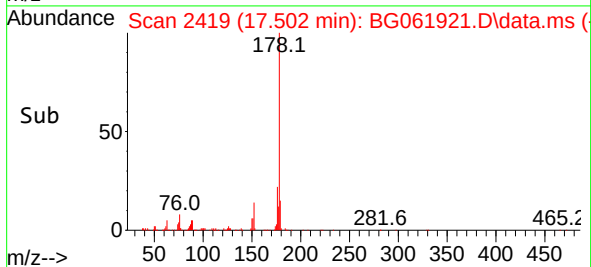
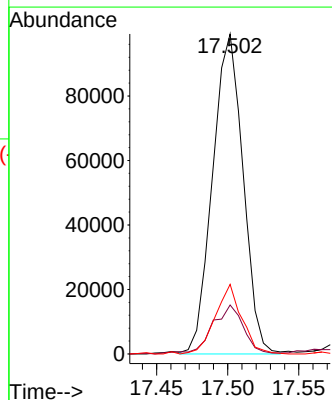
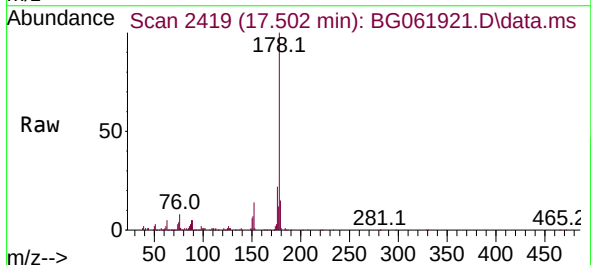
Instrument :
 BNA_G
 ClientSampleId :
 A4CF2

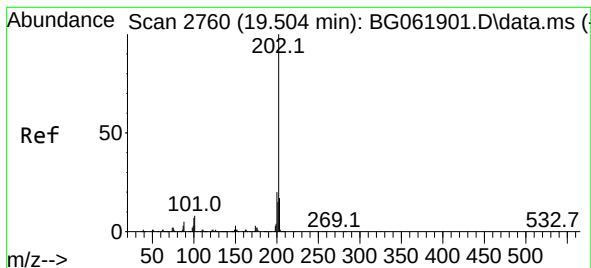
Tgt Ion:178 Resp: 147480
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.9 17.9
 176 21.7 15.5 23.3



#74
 Anthracene
 Concen: 5.755 ng/ul
 RT: 17.502 min Scan# 2419
 Delta R.T. -0.093 min
 Lab File: BG061921.D
 Acq: 6 Jul 2024 8:40

Tgt Ion:178 Resp: 147805
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.9 17.9
 176 21.7 14.7 22.1





#80

Fluoranthene

Concen: 12.067 ng/ul

RT: 19.505 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

Instrument :

BNA_G

ClientSampleId :

A4CF2

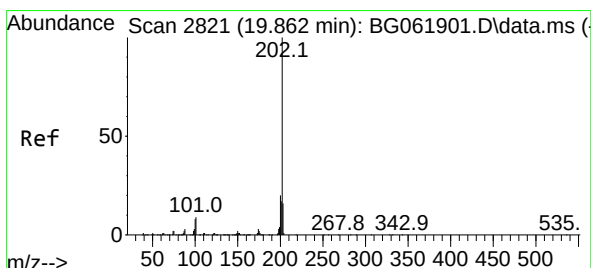
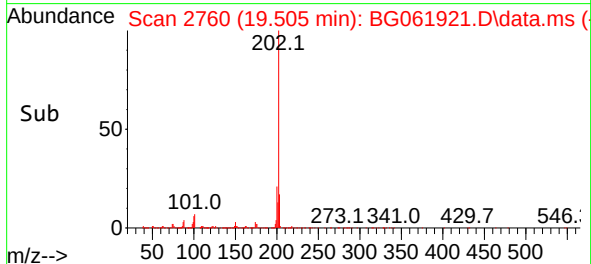
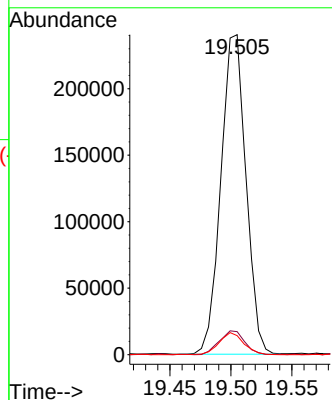
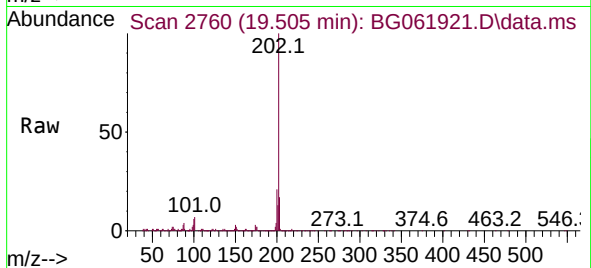
Tgt Ion:202 Resp: 344952

Ion Ratio Lower Upper

202 100

101 7.2 7.4 11.2#

100 6.0 6.6 10.0#



#82

Pyrene

Concen: 8.621 ng/ul

RT: 19.864 min Scan# 2821

Delta R.T. -0.005 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

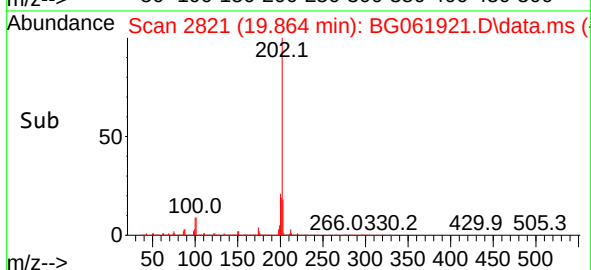
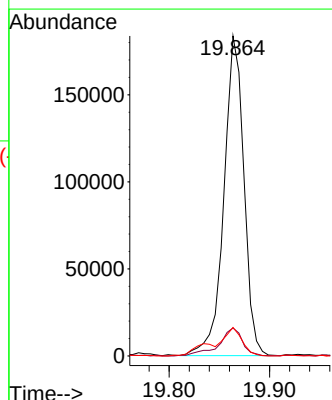
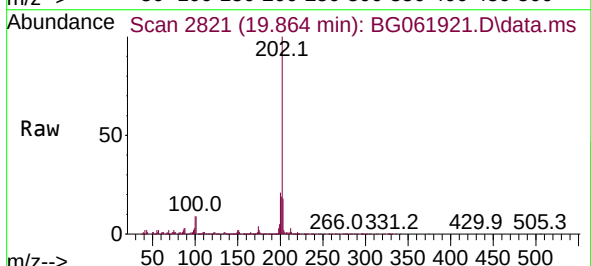
Tgt Ion:202 Resp: 254584

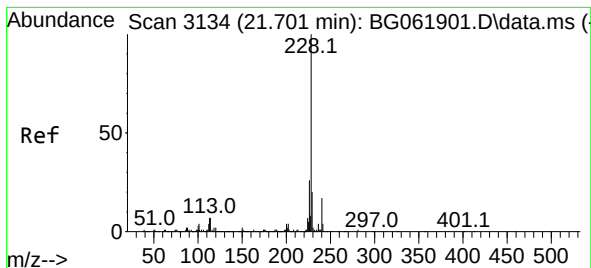
Ion Ratio Lower Upper

202 100

101 8.8 8.8 13.2#

100 8.9 7.6 11.4





#85

Benzo(a)anthracene

Concen: 5.506 ng/ul

RT: 21.697 min Scan# 3113

Delta R.T. -0.005 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

Instrument :

BNA_G

ClientSampleId :

A4CF2

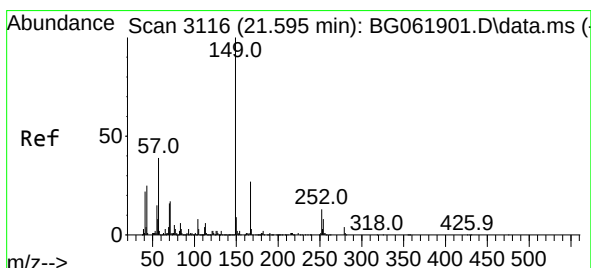
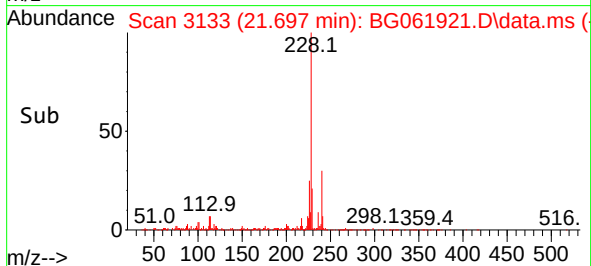
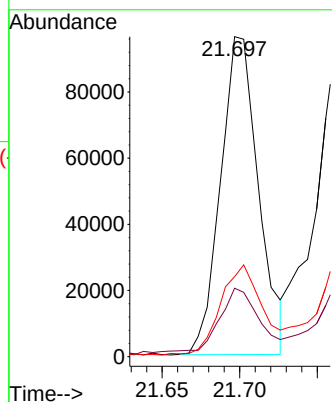
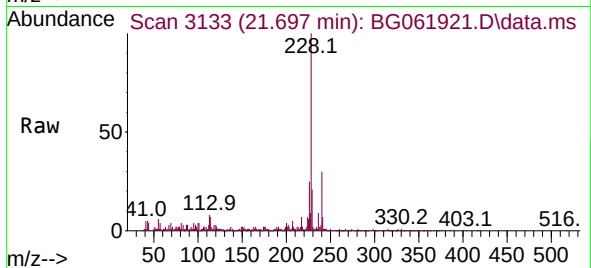
Tgt Ion:228 Resp: 163719

Ion Ratio Lower Upper

228 100

229 21.4 15.7 23.5

226 25.0 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.464 ng/ul

RT: 21.597 min Scan# 3116

Delta R.T. -0.005 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

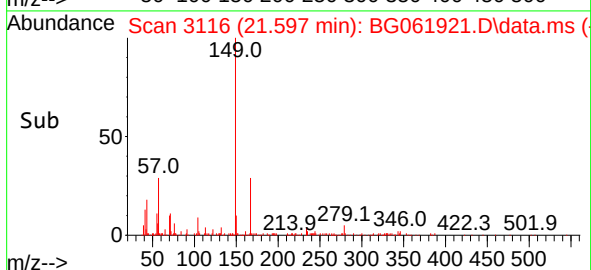
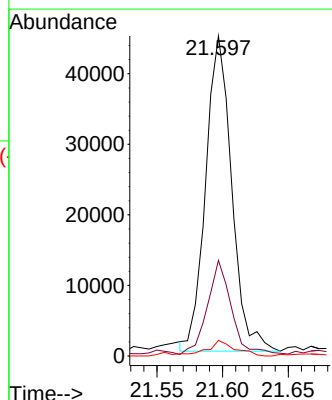
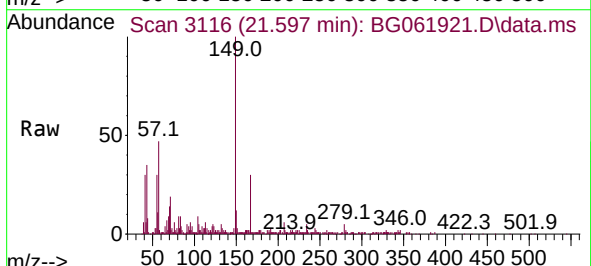
Tgt Ion:149 Resp: 61608

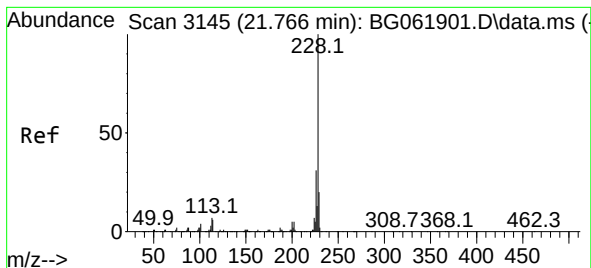
Ion Ratio Lower Upper

149 100

167 29.9 21.7 32.5

279 4.8 2.8 4.2#





#87

Chrysene

Concen: 6.609 ng/ul

RT: 21.767 min Scan# 3145

Delta R.T. -0.005 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

Instrument :

BNA_G

ClientSampleId :

A4CF2

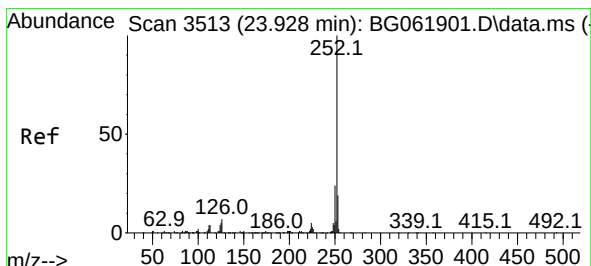
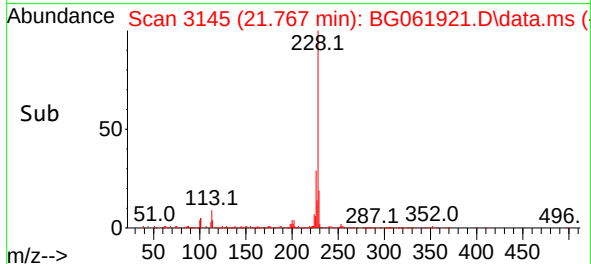
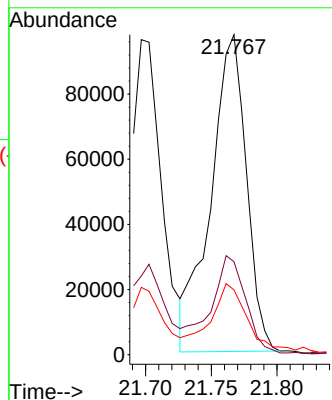
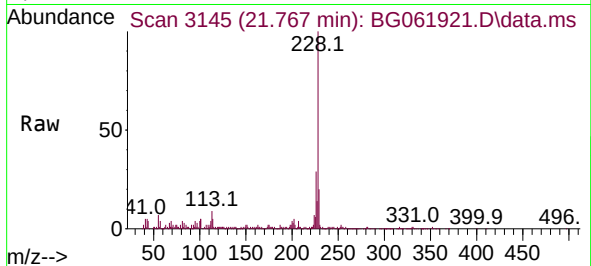
Tgt Ion:228 Resp: 183981

Ion Ratio Lower Upper

228 100

226 29.0 23.3 34.9

229 20.3 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 8.209 ng/ul

RT: 23.929 min Scan# 3513

Delta R.T. -0.005 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

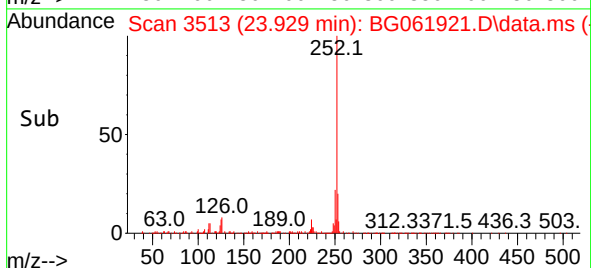
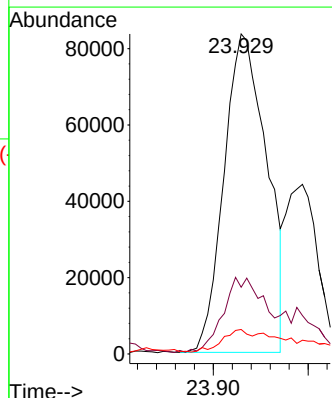
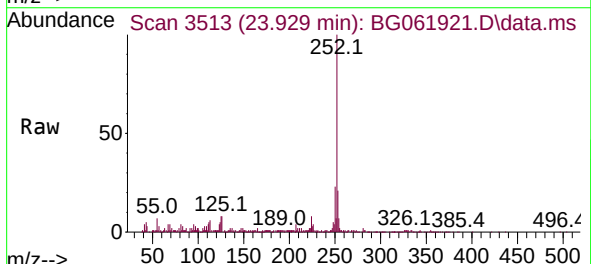
Tgt Ion:252 Resp: 260084

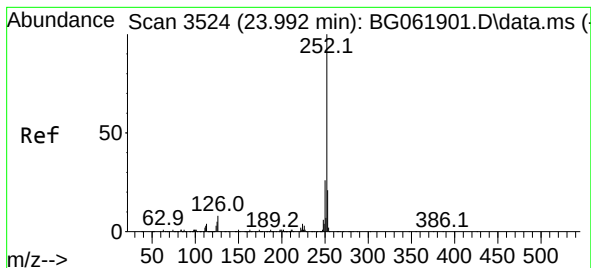
Ion Ratio Lower Upper

252 100

253 20.9 17.2 25.8

125 7.6 6.1 9.1





#91

Benzo(k)fluoranthene

Concen: 3.111 ng/ul

RT: 23.994 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG061921.D

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Instrument :

BNA_G

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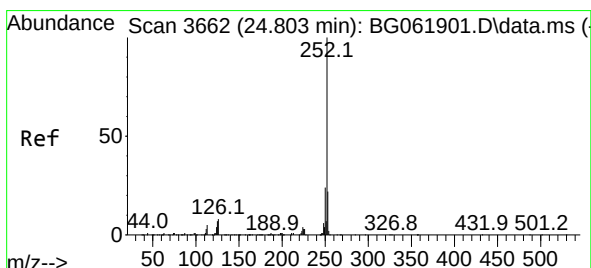
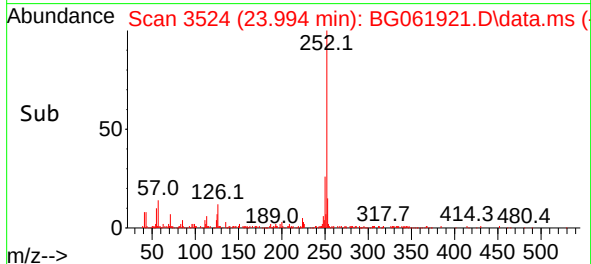
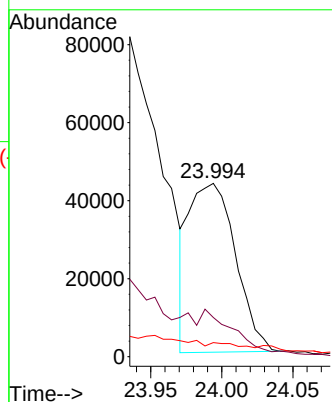
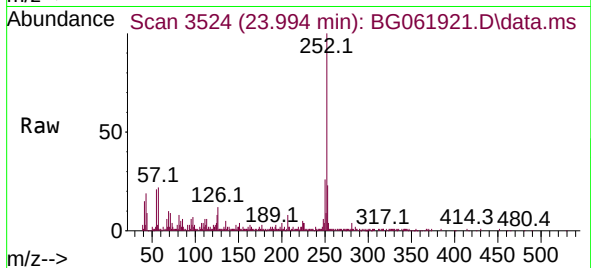
Tgt Ion:252 Resp: 98285

Ion Ratio Lower Upper

252 100

253 22.7 19.3 28.9

125 8.1 6.3 9.5



#93

Benzo(a)pyrene

Concen: 3.292 ng/ul

RT: 24.805 min Scan# 3662

Delta R.T. -0.011 min

Lab File: BG061921.D

Acq: 6 Jul 2024 8:40

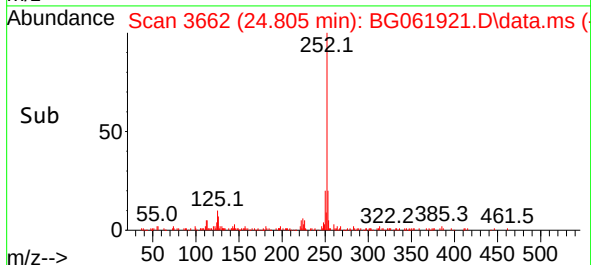
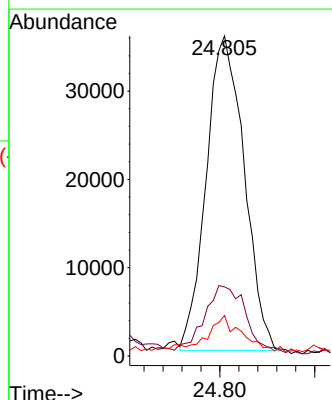
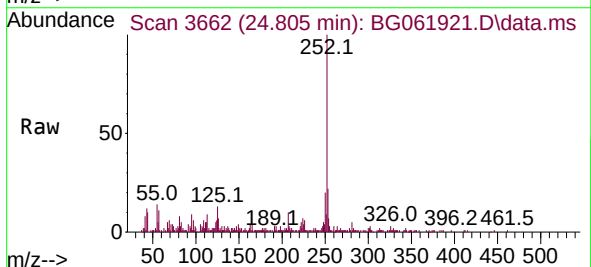
Tgt Ion:252 Resp: 98755

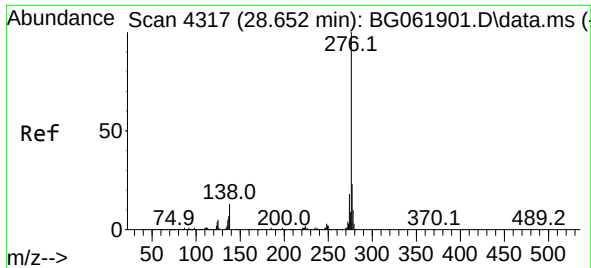
Ion Ratio Lower Upper

252 100

253 21.6 16.5 24.7

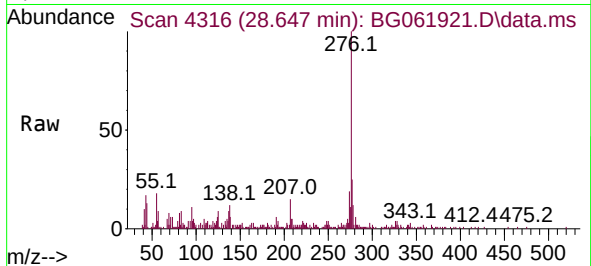
125 12.6 7.4 11.2#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.755 ng/ul
 RT: 28.647 min Scan# 41
 Delta R.T. -0.017 min
 Lab File: BG061921.D
 Acq: 6 Jul 2024 8:40

Instrument :
 BNA_G
 ClientSampleId :
 A4CF2



Tgt Ion:276 Resp: 67294
 Ion Ratio Lower Upper
 276 100
 138 17.6 11.9 17.9
 277 24.6 19.3 28.9

