

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058210.D
 Acq On : 13 Jul 2023 23:41
 Operator : CG/JU
 Sample : 03414-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46G3

Quant Time: Jul 14 02:48:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

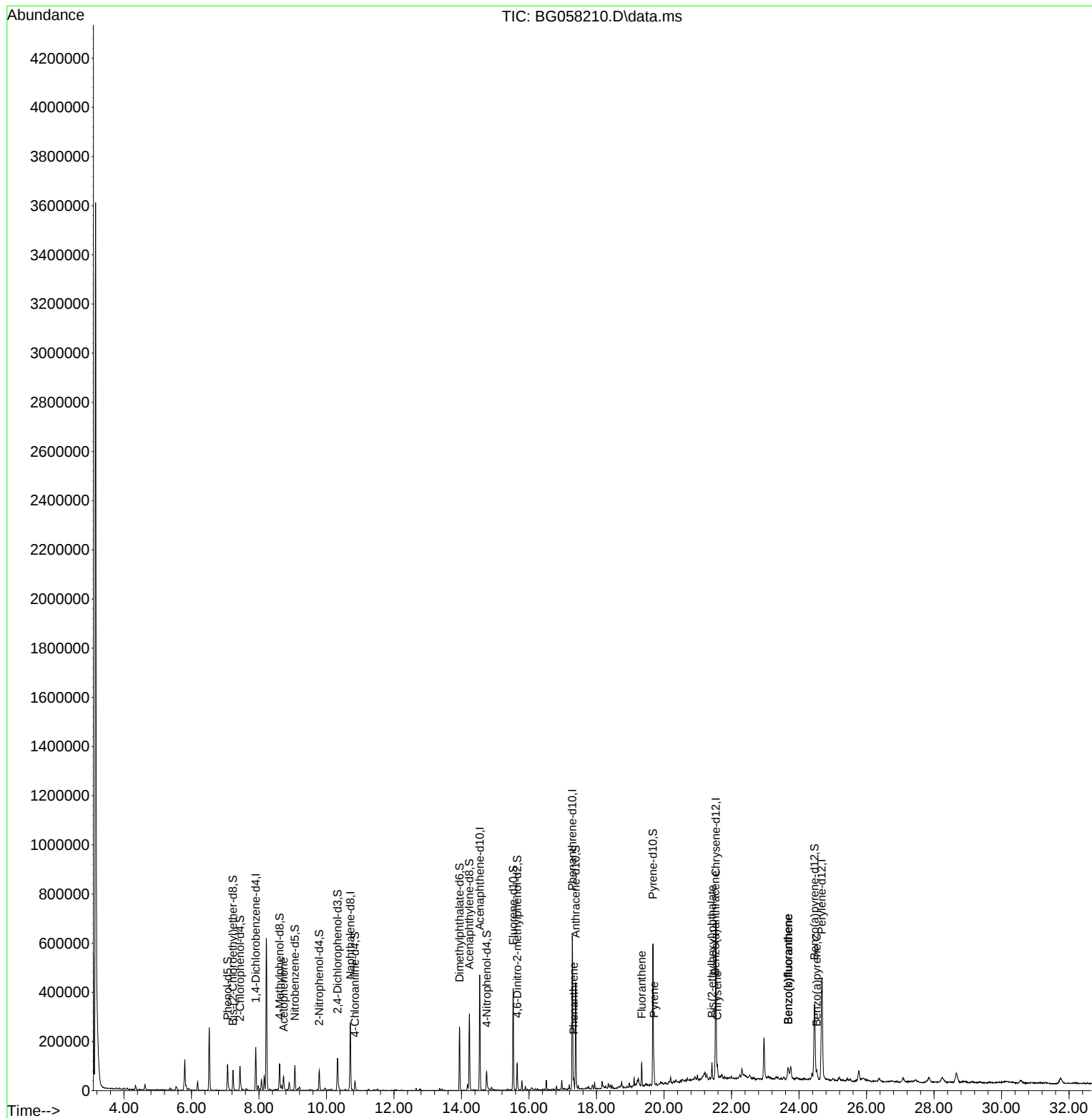
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	50724	20.000	ng/u1	0.00
20) Naphthalene-d8	10.708	136	237614	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	170085	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	408459	20.000	ng/u1	0.00
79) Chrysene-d12	21.536	240	371773	20.000	ng/u1	0.00
88) Perylene-d12	24.674	264	450271	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	1132	0.781	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.071	99	68708	13.264	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	42570	13.637	ng/u1	0.00
11) 2-Chlorophenol-d4	7.435	132	49273	13.791	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	44594	11.409	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	25500	13.167	ng/u1	0.00
24) 2-Nitrophenol-d4	9.786	143	28407	13.956	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.326	165	53226	13.632	ng/u1	0.00
31) 4-Chloroaniline-d4	10.843	131	22233	3.756	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	188209	14.025	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	212577	14.516	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	24833	10.474	ng/u1	0.00
60) Fluorene-d10	15.532	176	171680	15.064	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	25171	11.349	ng/u1	0.00
73) Anthracene-d10	17.382	188	265343	14.000	ng/u1	0.00
81) Pyrene-d10	19.674	212	341123	14.569	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.457	264	322544	14.060	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.728	105	33140	5.110	ng/u1	99
72) Phenanthrene	17.324	178	23276	1.120	ng/u1	97
80) Fluoranthene	19.339	202	59022	2.175	ng/u1	97
82) Pyrene	19.703	202	53346	1.953	ng/u1	99
85) Benzo(a)anthracene	21.519	228	34705	1.300	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	25433	1.603	ng/u1	99
87) Chrysene	21.578	228	37624	1.504	ng/u1	98
90) Benzo(b)fluoranthene	23.681	252	56603	2.030	ng/u1#	96
91) Benzo(k)fluoranthene	23.681	252	56603	2.071	ng/u1#	95
93) Benzo(a)pyrene	24.521	252	33045	1.339	ng/u1	99

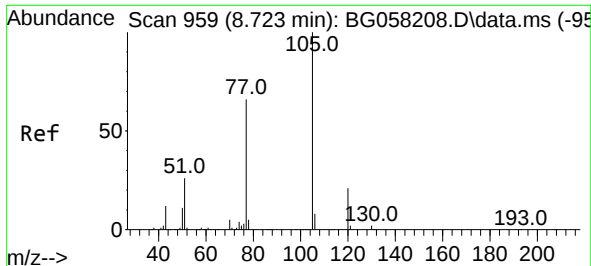
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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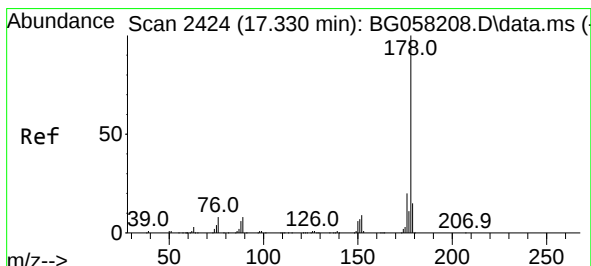
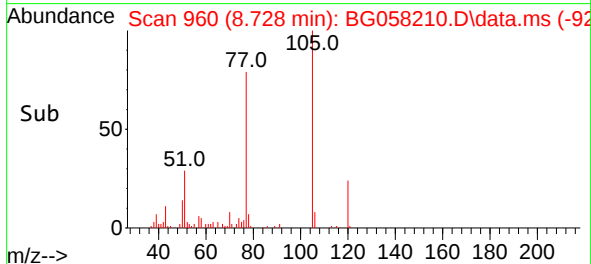
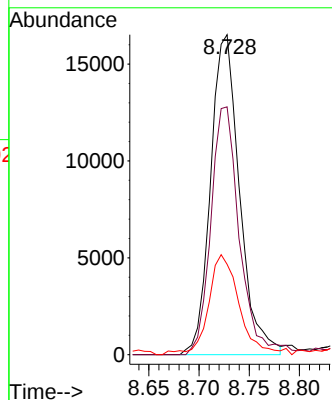
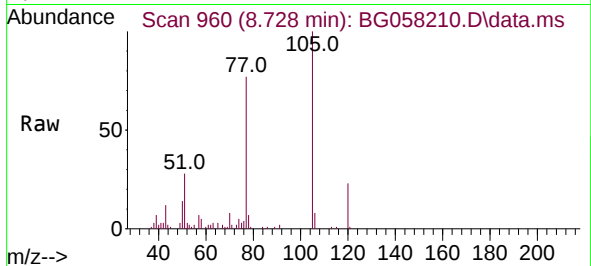




#16
Acetophenone
Concen: 5.110 ng/ul
RT: 8.728 min Scan# 959
Delta R.T. 0.006 min
Lab File: BG058210.D
Acq: 13 Jul 2023 23:41

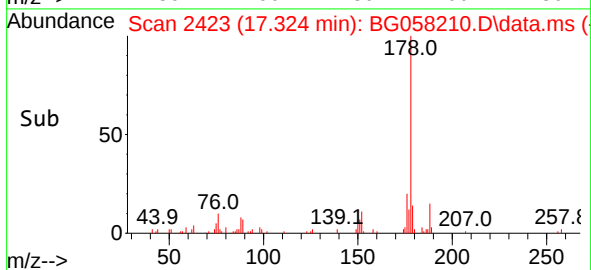
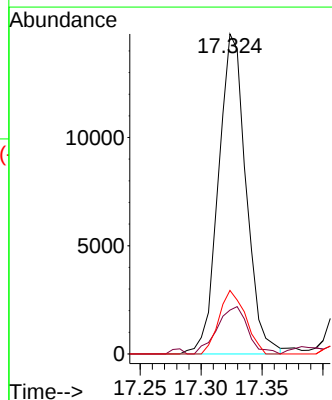
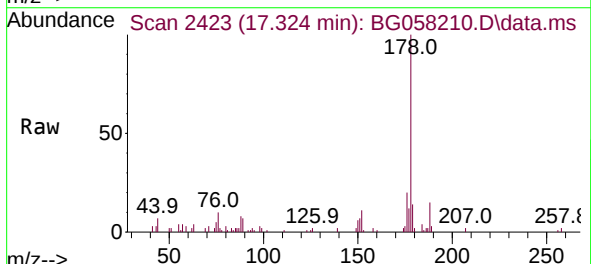
Instrument :
BNA_G
ClientSampleId :
A46G3

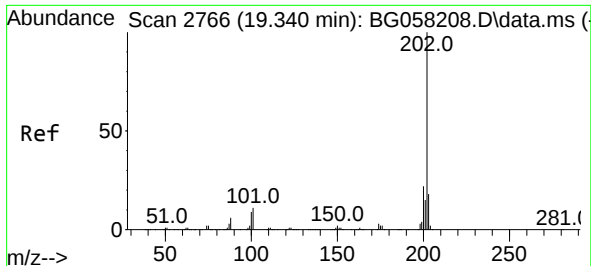
Tgt Ion:105 Resp: 33140
Ion Ratio Lower Upper
105 100
77 77.4 61.2 91.8
51 28.3 23.5 35.3



#72
Phenanthrene
Concen: 1.120 ng/ul
RT: 17.324 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG058210.D
Acq: 13 Jul 2023 23:41

Tgt Ion:178 Resp: 23276
Ion Ratio Lower Upper
178 100
179 13.7 12.8 19.2
176 19.9 15.7 23.5

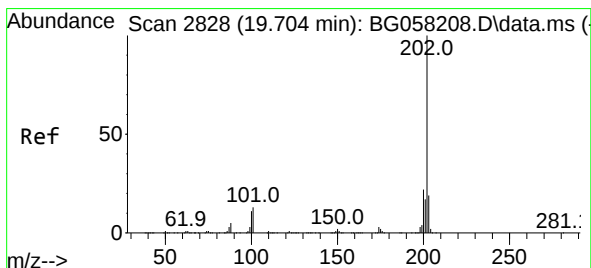
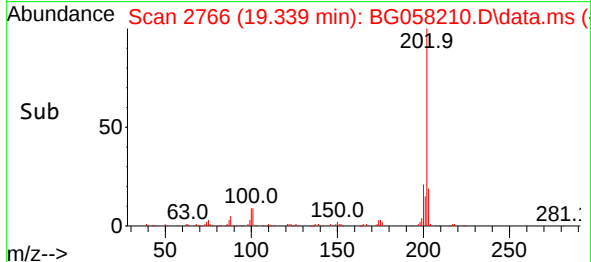
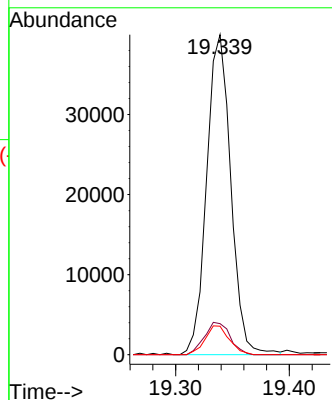
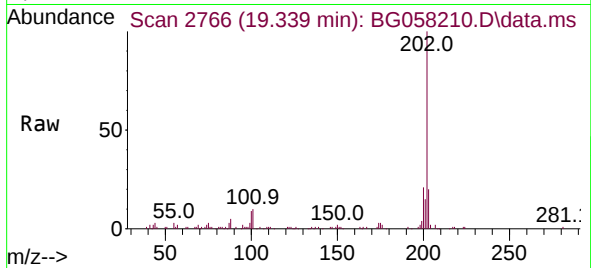




#80
Fluoranthene
Concen: 2.175 ng/ul
RT: 19.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058210.D
Acq: 13 Jul 2023 23:41

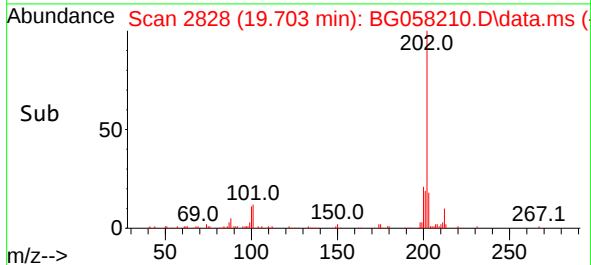
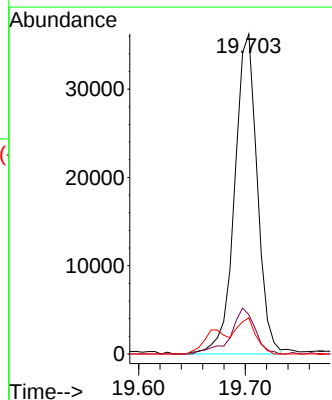
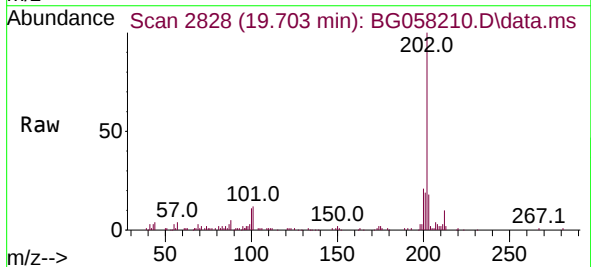
Instrument :
BNA_G
ClientSampleId :
A46G3

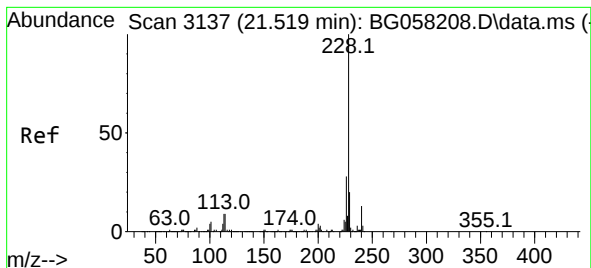
Tgt Ion:202 Resp: 59022
Ion Ratio Lower Upper
202 100
101 9.7 9.1 13.7
100 8.9 7.1 10.7



#82
Pyrene
Concen: 1.953 ng/ul
RT: 19.703 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BG058210.D
Acq: 13 Jul 2023 23:41

Tgt Ion:202 Resp: 53346
Ion Ratio Lower Upper
202 100
101 12.3 10.2 15.2
100 11.3 8.9 13.3





#85

Benzo(a)anthracene

Concen: 1.300 ng/ul

RT: 21.519 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BG058210.D

Acq: 13 Jul 2023 23:41

Instrument :

BNA_G

ClientSampleId :

A46G3

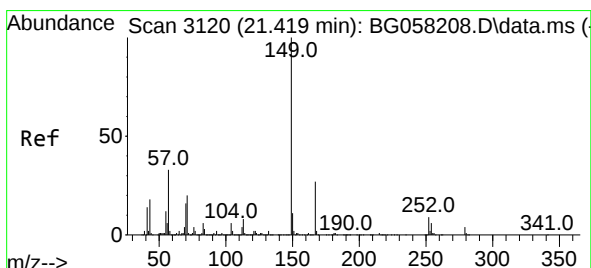
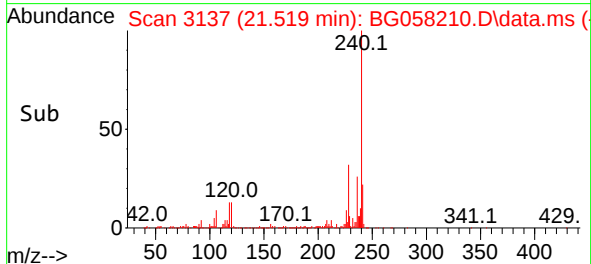
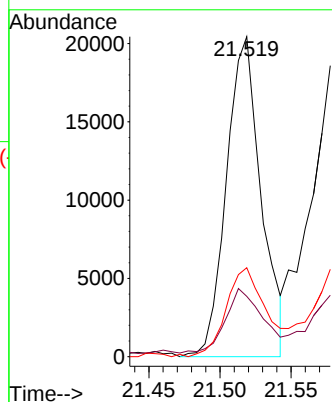
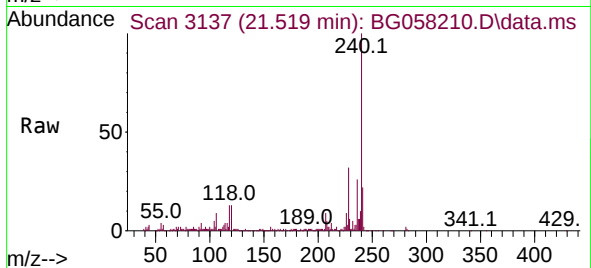
Tgt Ion:228 Resp: 34705

Ion Ratio Lower Upper

228 100

229 18.8 16.0 24.0

226 27.8 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.603 ng/ul

RT: 21.419 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BG058210.D

Acq: 13 Jul 2023 23:41

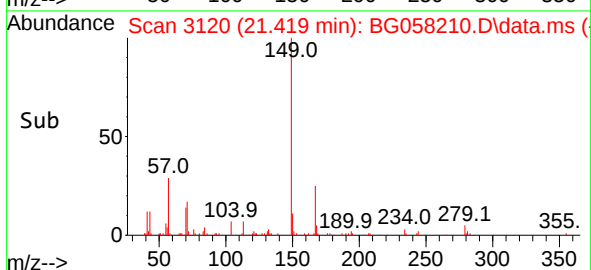
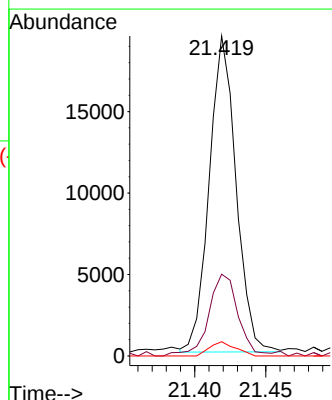
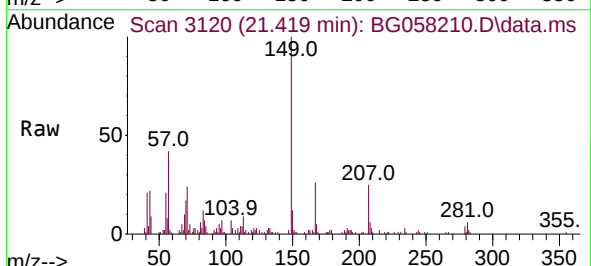
Tgt Ion:149 Resp: 25433

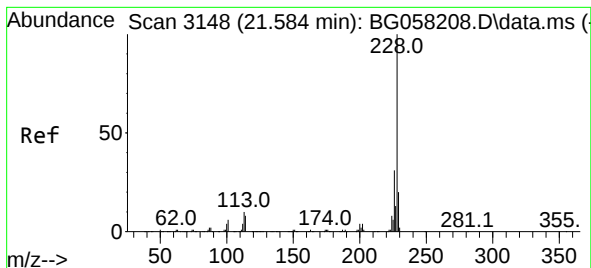
Ion Ratio Lower Upper

149 100

167 25.5 20.9 31.3

279 4.5 3.1 4.7





#87

Chrysene

Concen: 1.504 ng/ul

RT: 21.578 min Scan# 3148

Delta R.T. -0.012 min

Lab File: BG058210.D

Acq: 13 Jul 2023 23:41

Instrument :

BNA_G

ClientSampleId :

A46G3

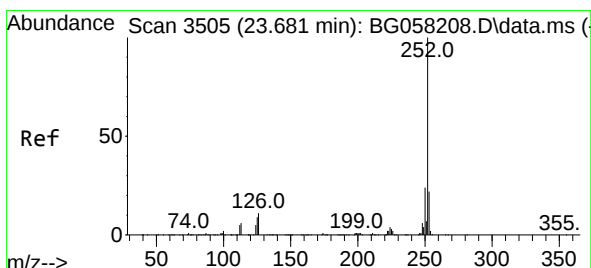
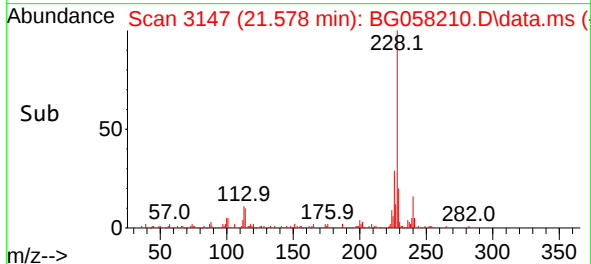
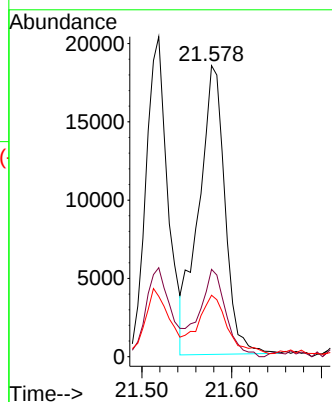
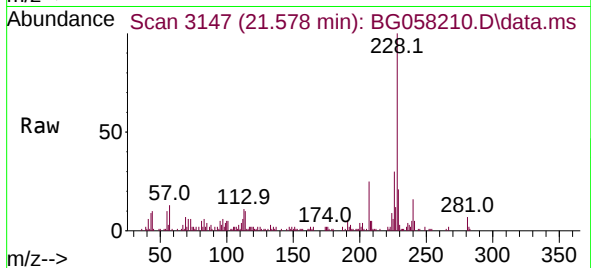
Tgt Ion:228 Resp: 37624

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 21.1 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 2.030 ng/ul

RT: 23.681 min Scan# 3505

Delta R.T. -0.006 min

Lab File: BG058210.D

Acq: 13 Jul 2023 23:41

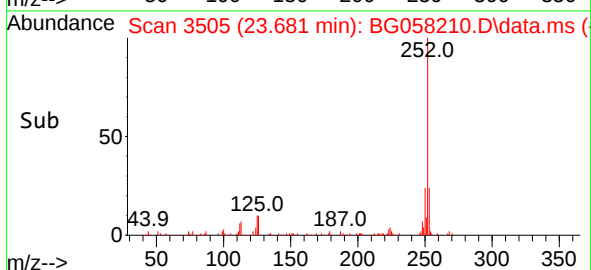
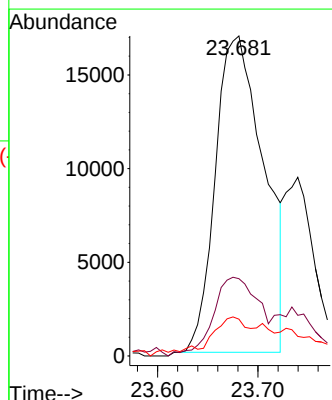
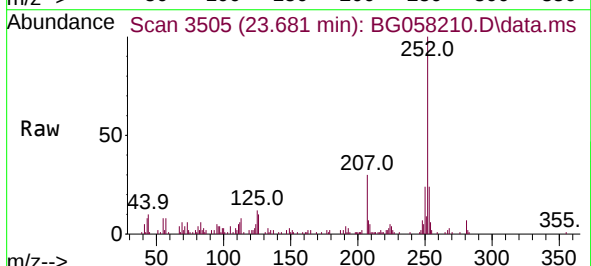
Tgt Ion:252 Resp: 56603

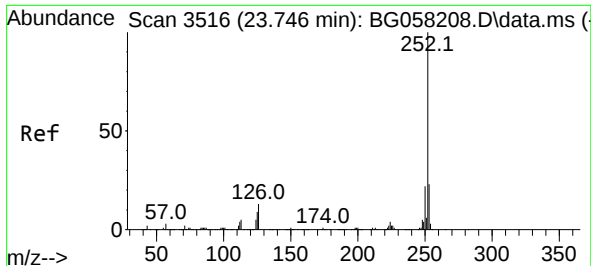
Ion Ratio Lower Upper

252 100

253 24.2 18.1 27.1

125 11.5 7.5 11.3#

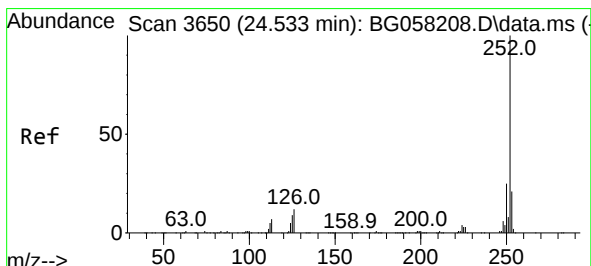
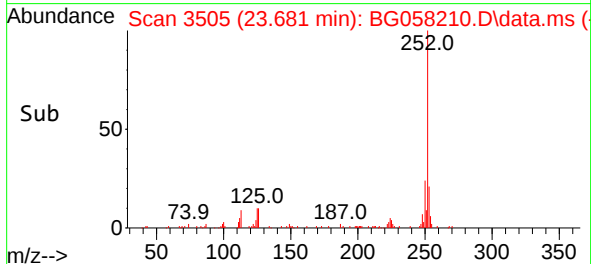
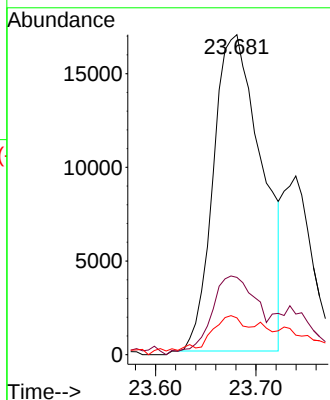
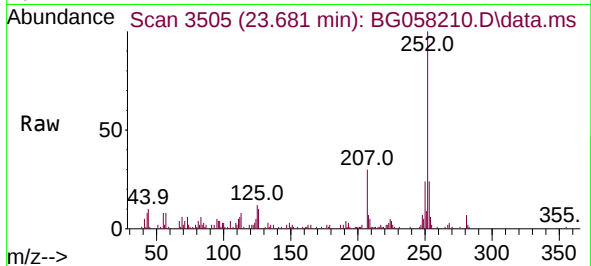




#91
Benzo(k)fluoranthene
Concen: 2.071 ng/ul
RT: 23.681 min Scan# 31
Delta R.T. -0.071 min
Lab File: BG058210.D
Acq: 13 Jul 2023 23:41

Instrument :
BNA_G
ClientSampleId :
A46G3

Tgt Ion:252 Resp: 56603
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 11.5 7.4 11.2#



#93
Benzo(a)pyrene
Concen: 1.339 ng/ul
RT: 24.521 min Scan# 3648
Delta R.T. -0.018 min
Lab File: BG058210.D
Acq: 13 Jul 2023 23:41

Tgt Ion:252 Resp: 33045
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.6 8.3 12.5

