

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057990.D
 Acq On : 4 Jul 2023 16:52
 Operator : CG/JU
 Sample : 03247-18
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 00:13:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

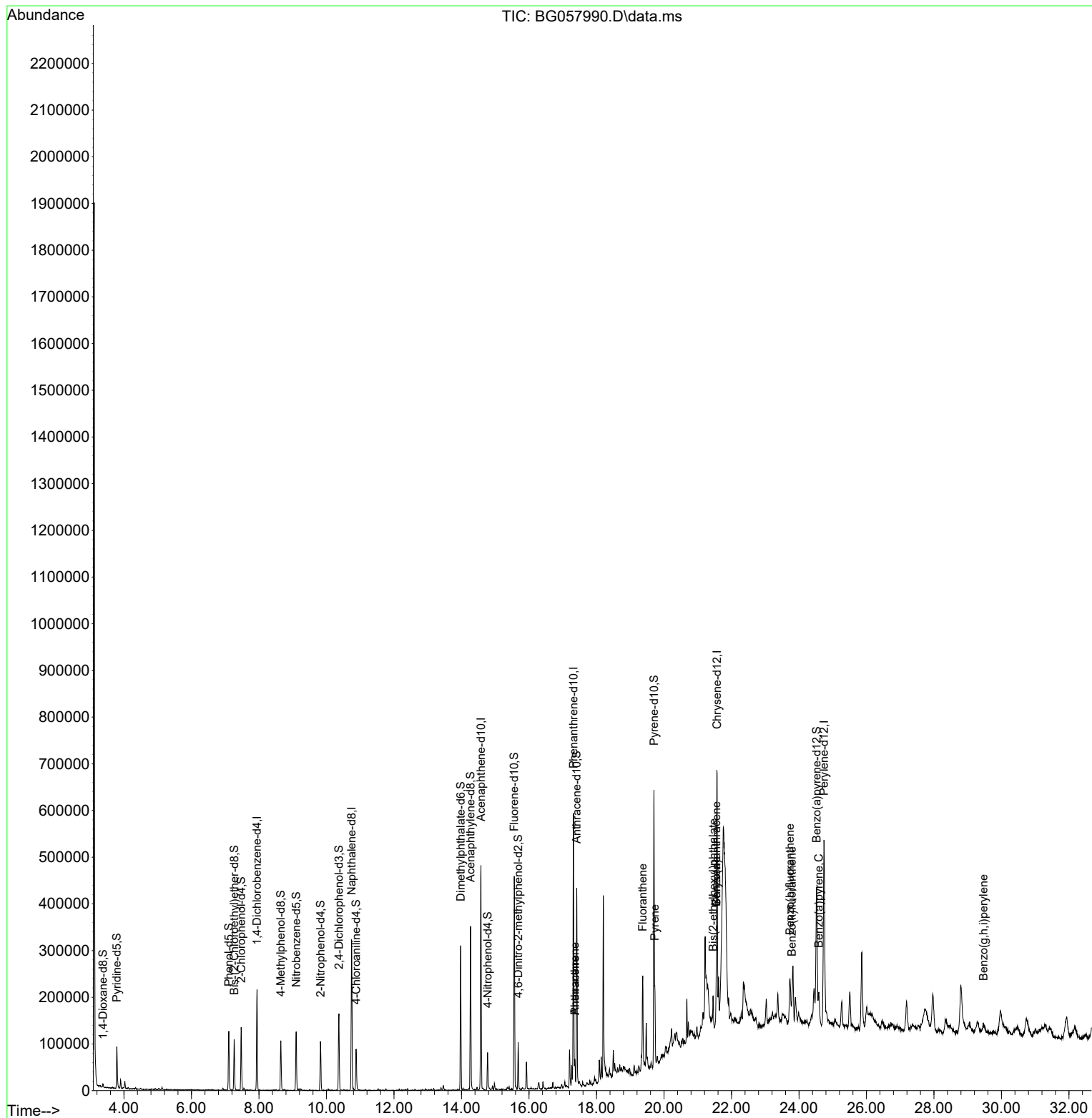
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	59672	20.000	ng/ul	0.00
20) Naphthalene-d8	10.744	136	270459	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	176754	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.319	188	384935	20.000	ng/ul	0.00
79) Chrysene-d12	21.573	240	312530	20.000	ng/ul	0.00
88) Perylene-d12	24.740	264	382525	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	3875	2.274	ng/uL	0.00
4) Pyridine-d5	3.788	84	48380	9.352	ng/ul	0.00
7) Phenol-d5	7.107	99	81252	13.333	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	51207	13.944	ng/ul	0.00
11) 2-Chlorophenol-d4	7.472	132	62766	14.934	ng/ul	0.00
15) 4-Methylphenol-d8	8.647	113	42718	9.290	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	33349	15.129	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	35366	15.265	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	65204	14.671	ng/ul	0.00
31) 4-Chloroaniline-d4	10.879	131	51554	7.651	ng/ul	0.00
46) Dimethylphthalate-d6	13.976	166	211741	15.183	ng/ul	0.00
49) Acenaphthylene-d8	14.270	160	240382	15.795	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	23074	9.365	ng/ul	0.00
60) Fluorene-d10	15.562	176	185103	15.629	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	21321	10.200	ng/ul	0.00
73) Anthracene-d10	17.413	188	265580	14.868	ng/ul	0.00
81) Pyrene-d10	19.704	212	329611	16.746	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.522	264	325935	16.724	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.360	178	34324	1.753	ng/ul	99
74) Anthracene	17.360	178	34324	1.732	ng/ul	99
80) Fluoranthene	19.369	202	108512	4.758	ng/ul	99
82) Pyrene	19.728	202	94514	4.117	ng/ul	99
85) Benzo(a)anthracene	21.549	228	58821	2.621	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.455	149	23541	1.765	ng/ul	98
87) Chrysene	21.549	228	57996	2.757	ng/ul	97
90) Benzo(b)fluoranthene	23.729	252	122608	5.177	ng/ul#	97
91) Benzo(k)fluoranthene	23.788	252	38272	1.649	ng/ul#	93
93) Benzo(a)pyrene	24.587	252	70534	3.365	ng/ul	96
96) Benzo(g,h,i)perylene	29.469	276	42601	1.874	ng/ul#	93

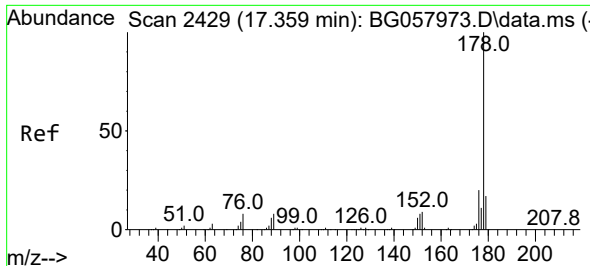
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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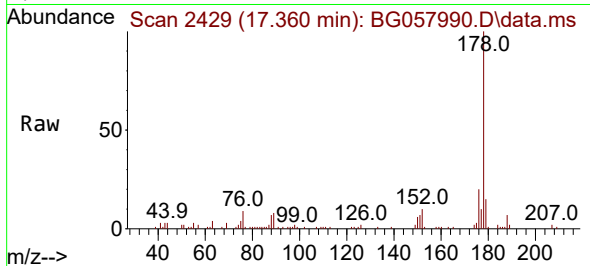
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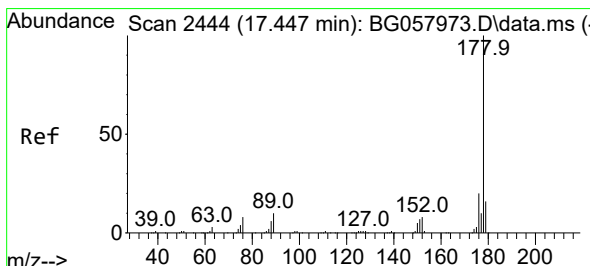
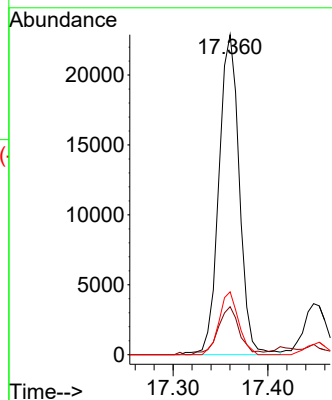
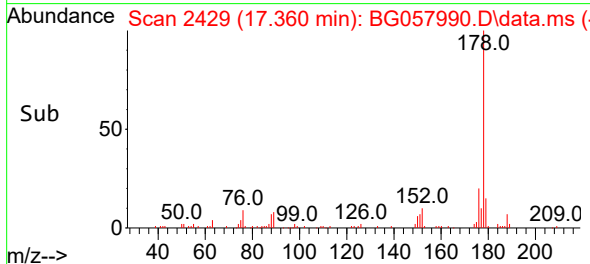


#72
Phenanthrene
Concen: 1.753 ng/ul
RT: 17.360 min Scan# 2429
Delta R.T. 0.001 min
Lab File: BG057990.D
Acq: 4 Jul 2023 16:52

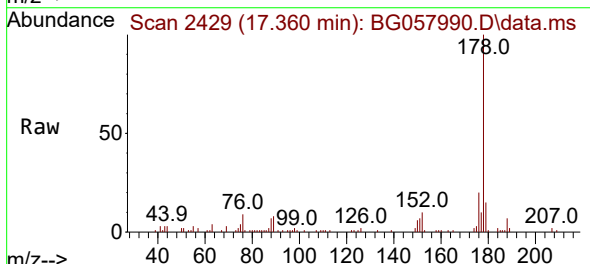
Instrument :
BNA_G
ClientSampleId :



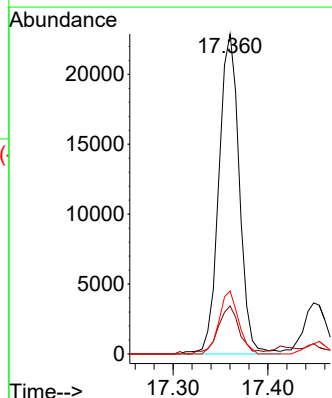
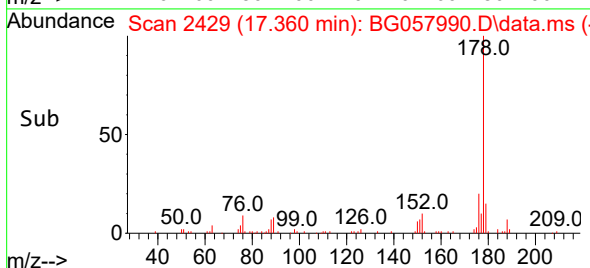
Tgt Ion:178 Resp: 34324
Ion Ratio Lower Upper
178 100
179 15.0 12.8 19.2
176 19.6 15.7 23.5

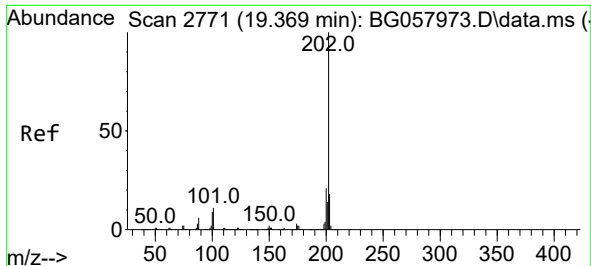


#74
Anthracene
Concen: 1.732 ng/ul
RT: 17.360 min Scan# 2429
Delta R.T. -0.087 min
Lab File: BG057990.D
Acq: 4 Jul 2023 16:52



Tgt Ion:178 Resp: 34324
Ion Ratio Lower Upper
178 100
179 15.0 12.6 18.8
176 19.6 15.4 23.2

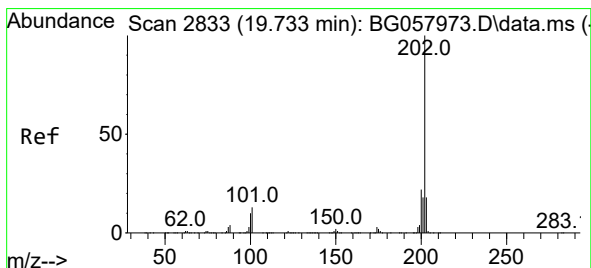
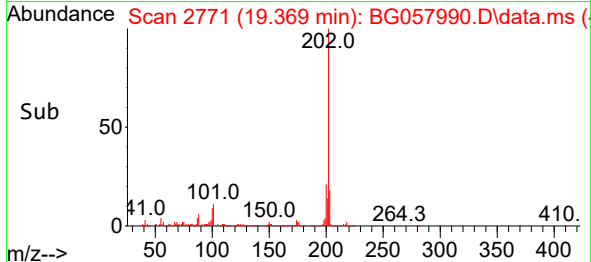
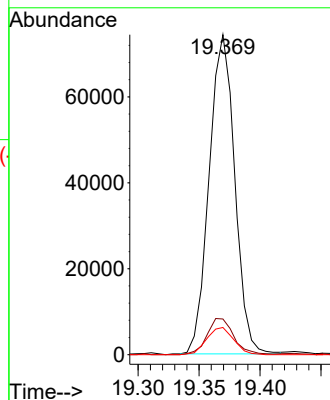
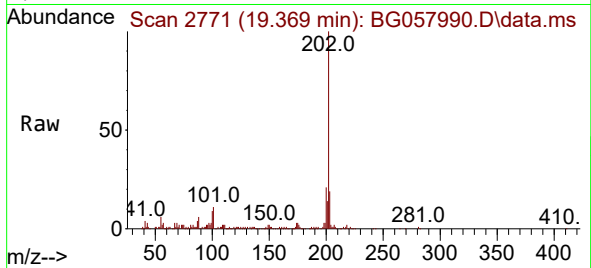




#80
Fluoranthene
Concen: 4.758 ng/ul
RT: 19.369 min Scan# 2771
Delta R.T. 0.001 min
Lab File: BG057990.D
Acq: 4 Jul 2023 16:52

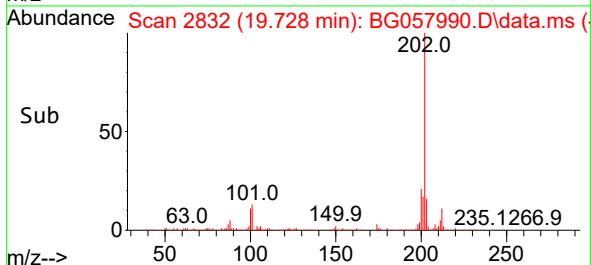
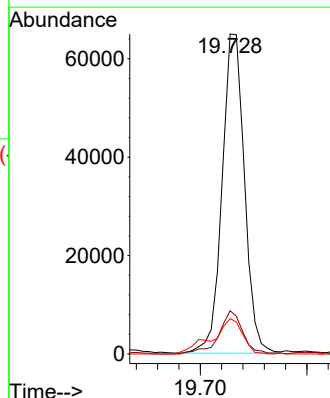
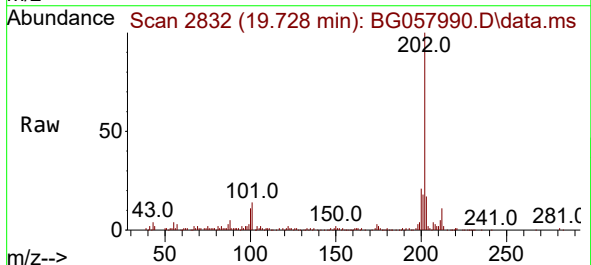
Instrument :
BNA_G
ClientSampleId :

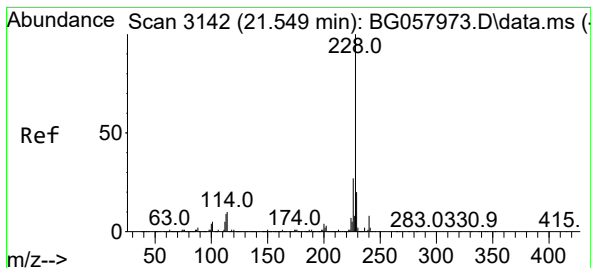
Tgt Ion:202 Resp: 108512
Ion Ratio Lower Upper
202 100
101 11.2 9.1 13.7
100 8.5 7.1 10.7



#82
Pyrene
Concen: 4.117 ng/ul
RT: 19.728 min Scan# 2832
Delta R.T. -0.005 min
Lab File: BG057990.D
Acq: 4 Jul 2023 16:52

Tgt Ion:202 Resp: 94514
Ion Ratio Lower Upper
202 100
101 13.5 10.2 15.2
100 11.0 8.9 13.3





#85

Benzo(a)anthracene

Concen: 2.621 ng/ul

RT: 21.549 min Scan# 3142

Delta R.T. 0.001 min

Lab File: BG057990.D

Acq: 4 Jul 2023 16:52

Instrument :

BNA_G

ClientSampleId :

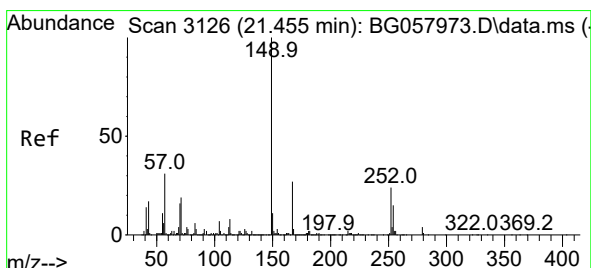
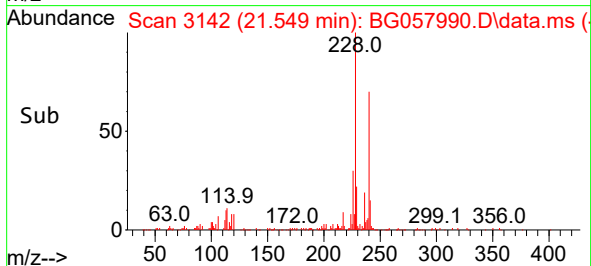
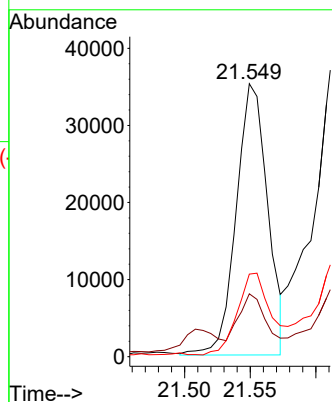
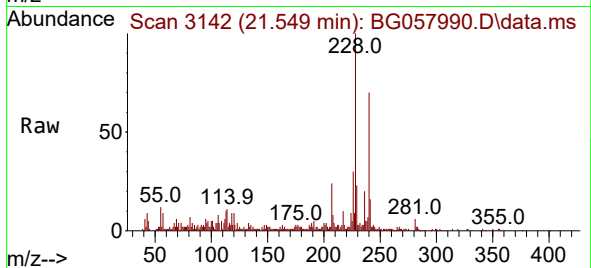
Tgt Ion:228 Resp: 58821

Ion Ratio Lower Upper

228 100

229 23.0 16.0 24.0

226 30.3 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.765 ng/ul

RT: 21.455 min Scan# 3126

Delta R.T. 0.001 min

Lab File: BG057990.D

Acq: 4 Jul 2023 16:52

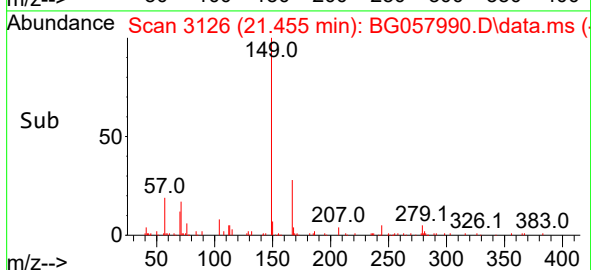
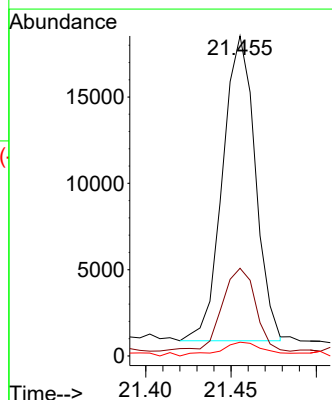
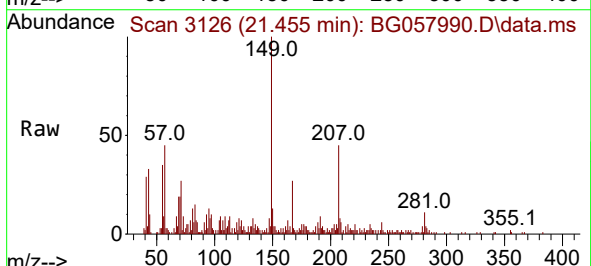
Tgt Ion:149 Resp: 23541

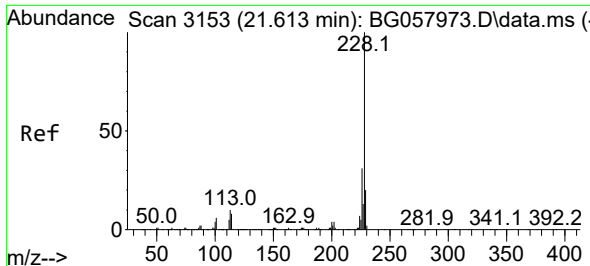
Ion Ratio Lower Upper

149 100

167 27.4 20.9 31.3

279 4.3 3.1 4.7

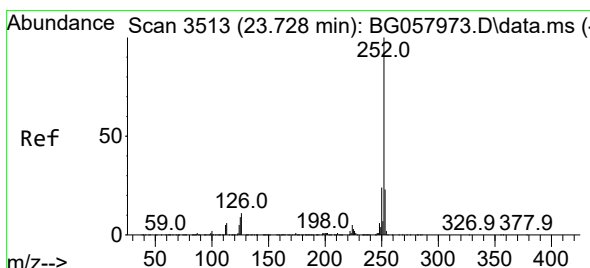
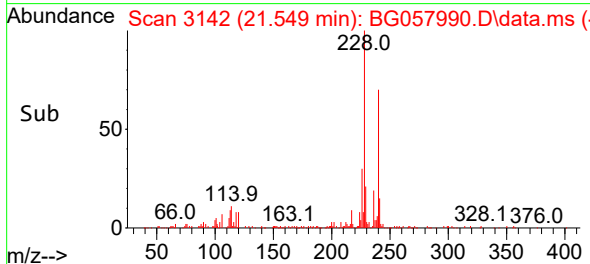
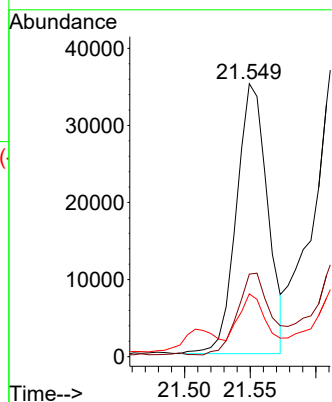
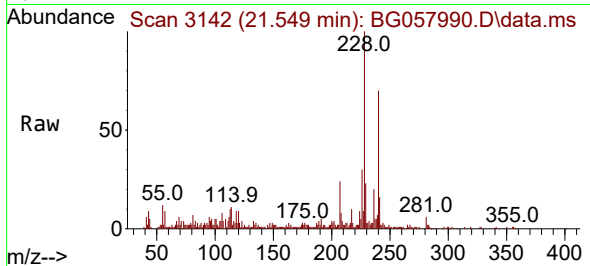




#87
Chrysene
Concen: 2.757 ng/ul
RT: 21.549 min Scan# 3153
Delta R.T. -0.064 min
Lab File: BG057990.D
Acq: 4 Jul 2023 16:52

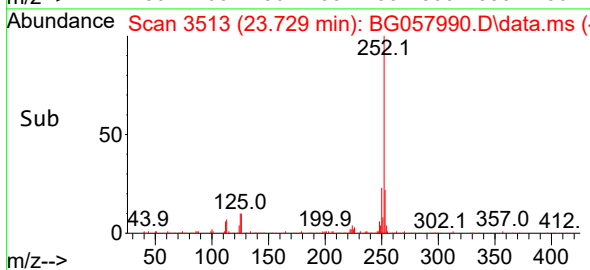
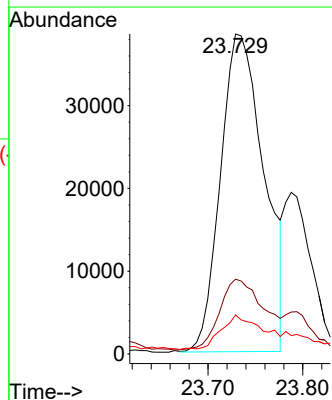
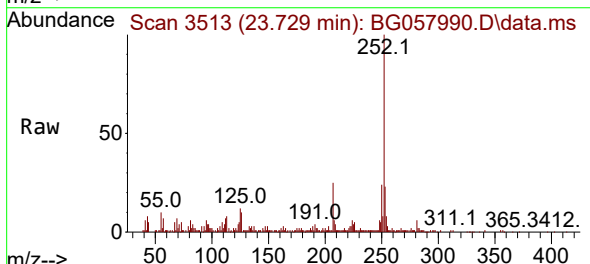
Instrument :
BNA_G
ClientSampleId :

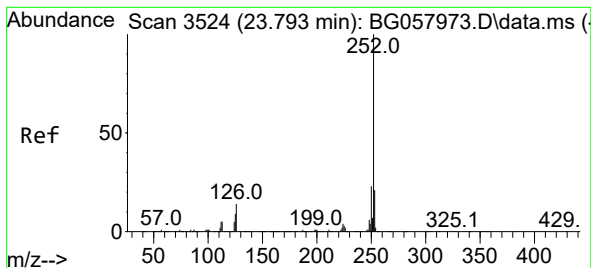
Tgt Ion:228 Resp: 57996
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 23.0 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 5.177 ng/ul
RT: 23.729 min Scan# 3513
Delta R.T. 0.001 min
Lab File: BG057990.D
Acq: 4 Jul 2023 16:52

Tgt Ion:252 Resp: 122608
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 12.2 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 1.649 ng/ul

RT: 23.788 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG057990.D

Acq: 4 Jul 2023 16:52

Instrument :

BNA_G

ClientSampleId :

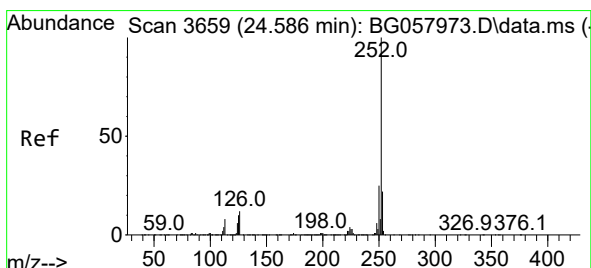
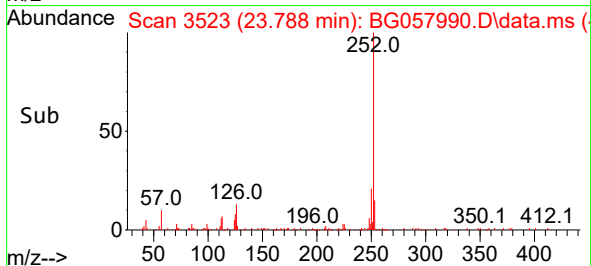
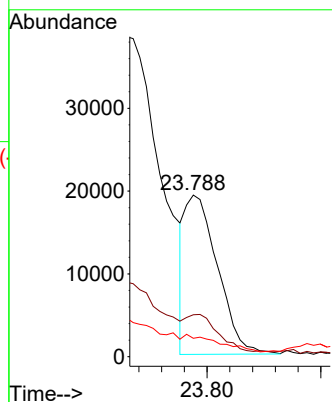
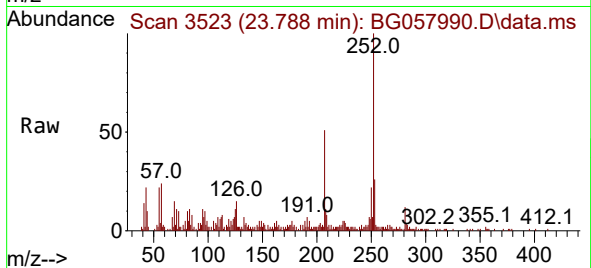
Tgt Ion:252 Resp: 38272

Ion Ratio Lower Upper

252 100

253 26.0 17.7 26.5

125 11.4 7.4 11.2#



#93

Benzo(a)pyrene

Concen: 3.365 ng/ul

RT: 24.587 min Scan# 3659

Delta R.T. 0.001 min

Lab File: BG057990.D

Acq: 4 Jul 2023 16:52

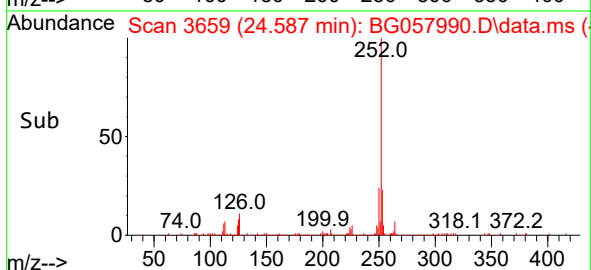
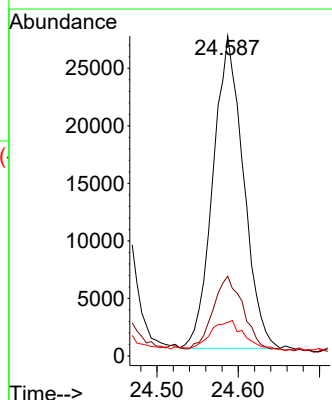
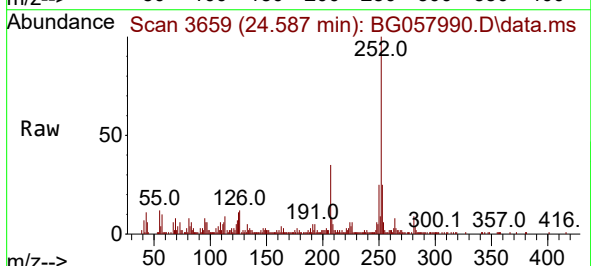
Tgt Ion:252 Resp: 70534

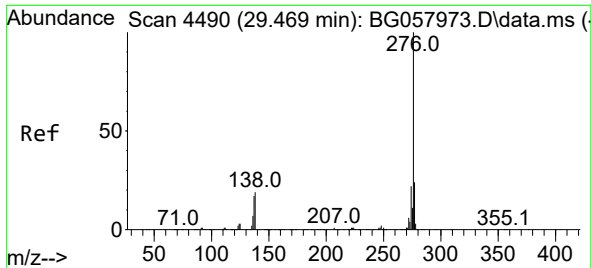
Ion Ratio Lower Upper

252 100

253 25.0 17.8 26.6

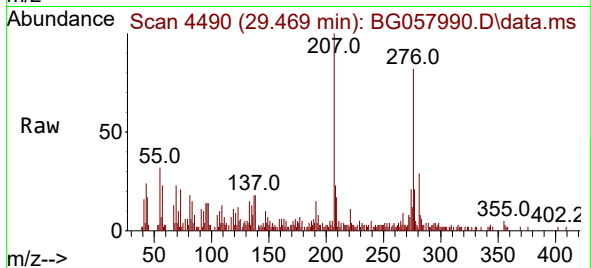
125 10.5 8.3 12.5





#96
 Benzo(g,h,i)perylene
 Concen: 1.874 ng/ul
 RT: 29.469 min Scan# 44
 Delta R.T. 0.001 min
 Lab File: BG057990.D
 Acq: 4 Jul 2023 16:52

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:	276	Resp:	42601
Ion Ratio	Lower	Upper	
276	100		
138	21.8	14.2	21.2#
277	25.8	18.6	27.8

