

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057278.D
 Acq On : 2 May 2023 14:24
 Operator : CG/JU
 Sample : 02417-17DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 01:05:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

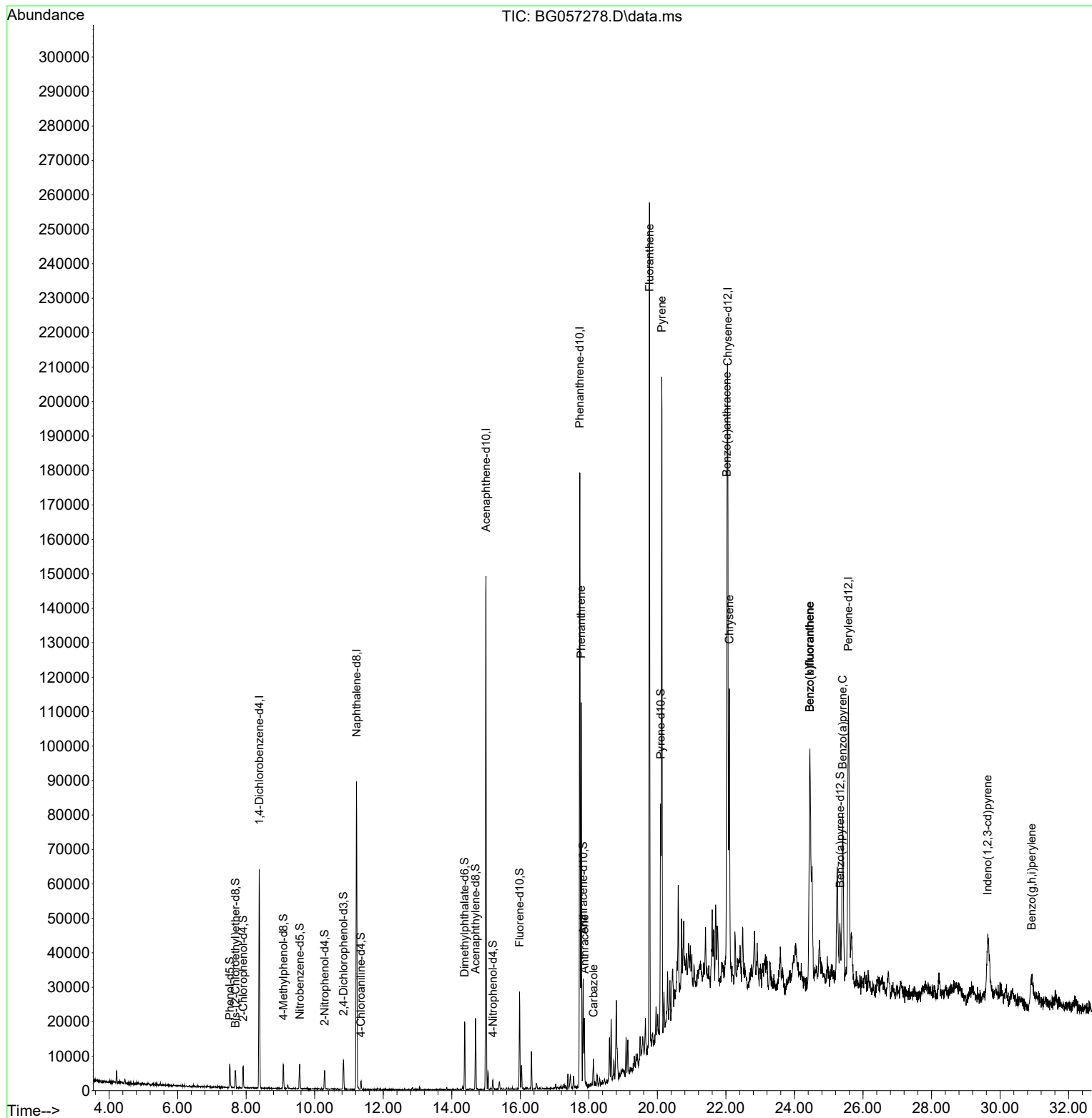
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	18269	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136	73513	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.999	164	53764	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	116963	20.000	ng/ul	0.00
79) Chrysene-d12	22.054	240	94595	20.000	ng/ul	# 0.00
88) Perylene-d12	25.572	264	101315	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.673	96	127	0.306	ng/uL	0.01
4) Pyridine-d5	4.101	84	382	0.292	ng/ul	0.00
7) Phenol-d5	7.520	99	4628	2.679	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.691	67	2891	2.845	ng/ul	0.00
11) 2-Chlorophenol-d4	7.914	132	3457	3.036	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	2956	2.251	ng/ul	0.00
21) Nitrobenzene-d5	9.565	128	1841	3.145	ng/ul	0.00
24) 2-Nitrophenol-d4	10.293	143	2142	3.135	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.839	165	4310	3.270	ng/ul	0.00
31) 4-Chloroaniline-d4	11.351	131	1981	1.134	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	14437	3.389	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	15911	3.323	ng/ul	0.00
54) 4-Nitrophenol-d4	15.204	143	813	1.311	ng/ul	0.03
60) Fluorene-d10	15.980	176	12422	3.130	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.109	200	141	0.203	ng/ul	0.01
73) Anthracene-d10	17.836	188	18824	3.526	ng/ul	0.00
81) Pyrene-d10	20.097	212	21508	3.831	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.337	264	19355	3.750	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.777	178	73250	12.026	ng/ul	97
74) Anthracene	17.871	178	14618	2.389	ng/ul	96
77) Carbazole	18.135	167	5243	1.025	ng/ul	94
80) Fluoranthene	19.769	202	156971	23.535	ng/ul#	97
82) Pyrene	20.127	202	127455	18.876	ng/ul	98
85) Benzo(a)anthracene	22.030	228	71048	10.620	ng/ul	99
87) Chrysene	22.101	228	65186	10.327	ng/ul	93
90) Benzo(b)fluoranthene	24.445	252	88331	12.590	ng/ul#	97
91) Benzo(k)fluoranthene	24.445	252	88331	12.941	ng/ul#	99
93) Benzo(a)pyrene	25.408	252	59353	9.799	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.637	276	14231	1.880	ng/ul	98
96) Benzo(g,h,i)perylene	30.924	276	25688	4.192	ng/ul#	97

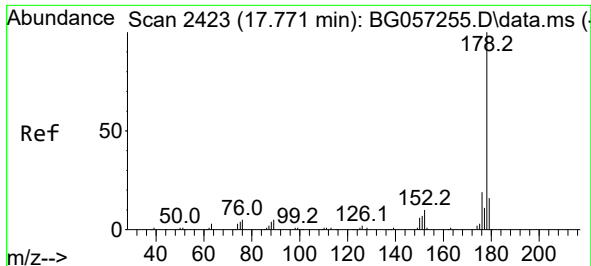
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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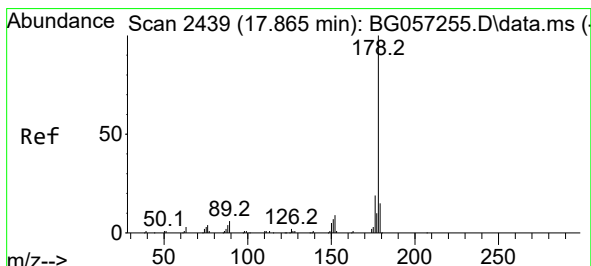
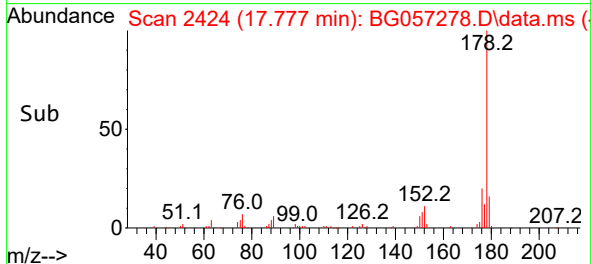
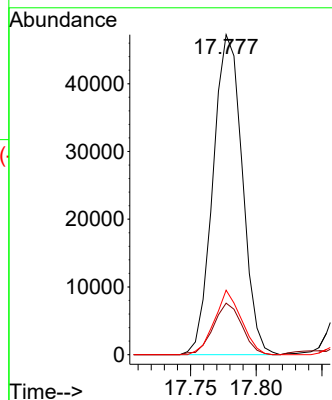
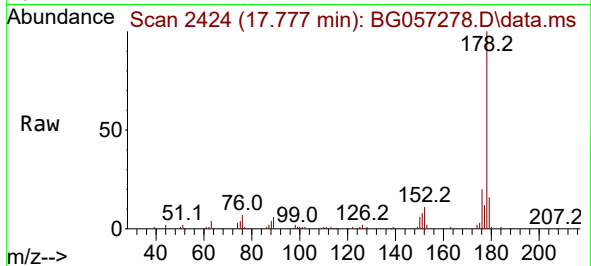




#72
Phenanthrene
Concen: 12.026 ng/ul
RT: 17.777 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG057278.D
Acq: 2 May 2023 14:24

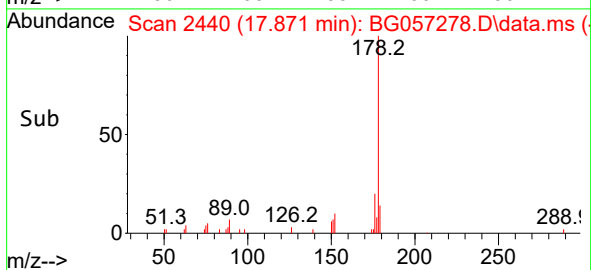
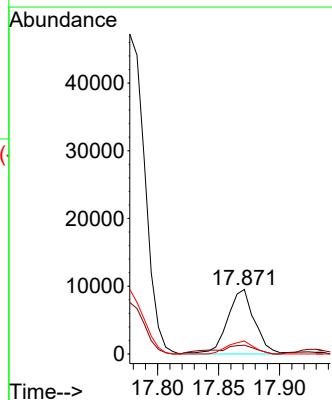
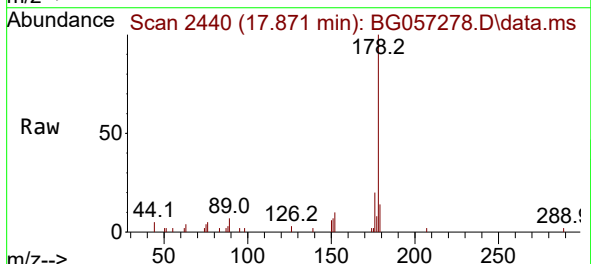
Instrument :
BNA_G
ClientSampleId :

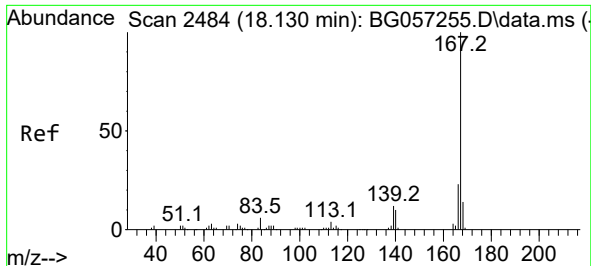
Tgt Ion:178 Resp: 73250
Ion Ratio Lower Upper
178 100
179 16.1 11.8 17.8
176 20.2 15.4 23.0



#74
Anthracene
Concen: 2.389 ng/ul
RT: 17.871 min Scan# 2440
Delta R.T. 0.003 min
Lab File: BG057278.D
Acq: 2 May 2023 14:24

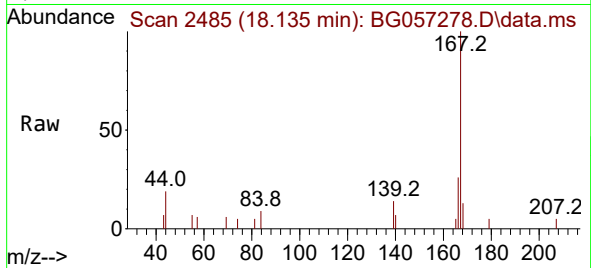
Tgt Ion:178 Resp: 14618
Ion Ratio Lower Upper
178 100
179 13.6 12.5 18.7
176 20.2 14.7 22.1



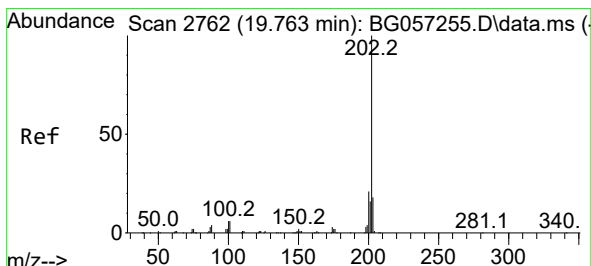
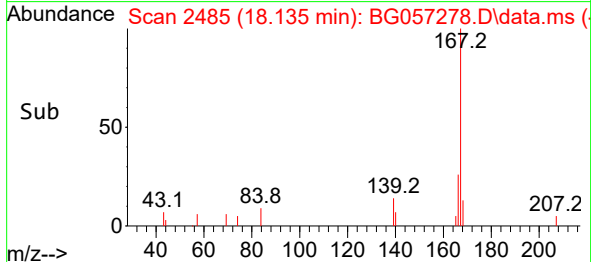
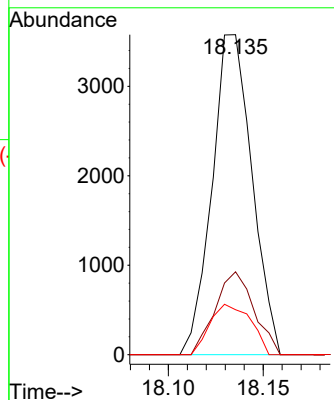


#77
 Carbazole
 Concen: 1.025 ng/ul
 RT: 18.135 min Scan# 2485
 Delta R.T. 0.003 min
 Lab File: BG057278.D
 Acq: 2 May 2023 14:24

Instrument :
 BNA_G
 ClientSampleId :

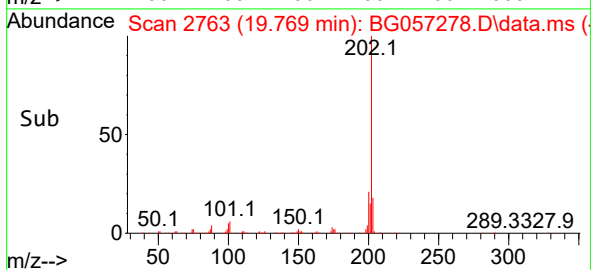
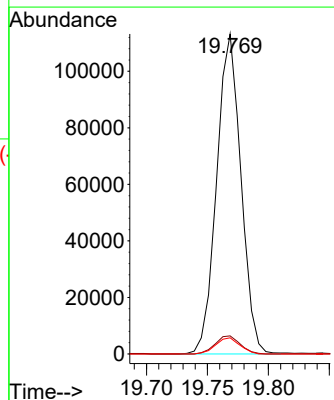
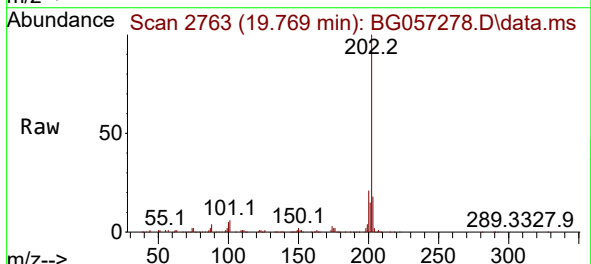


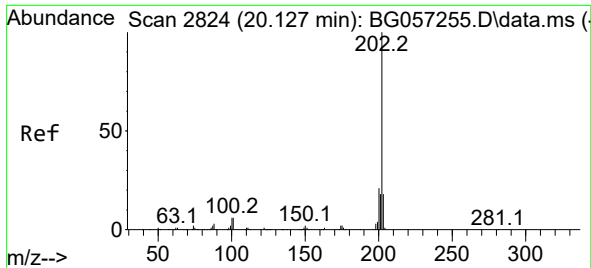
Tgt Ion:167 Resp: 5243
 Ion Ratio Lower Upper
 167 100
 166 25.9 18.0 27.0
 139 14.0 10.3 15.5



#80
 Fluoranthene
 Concen: 23.535 ng/ul
 RT: 19.769 min Scan# 2763
 Delta R.T. 0.003 min
 Lab File: BG057278.D
 Acq: 2 May 2023 14:24

Tgt Ion:202 Resp: 156971
 Ion Ratio Lower Upper
 202 100
 101 5.6 5.8 8.6#
 100 5.1 4.6 7.0

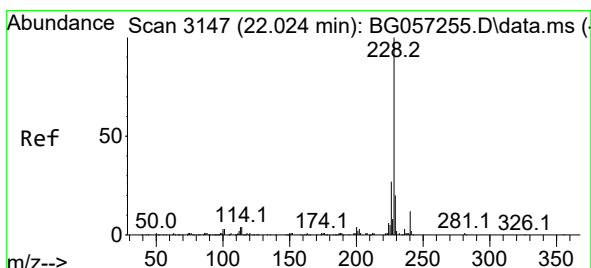
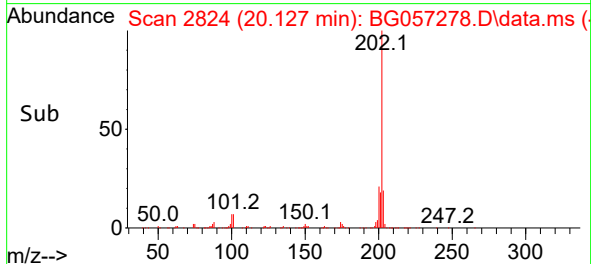
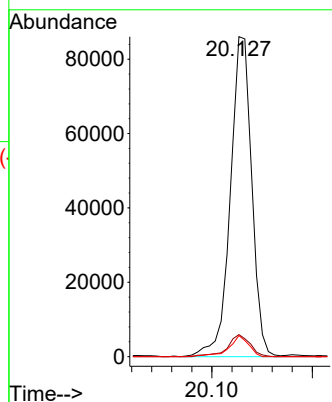
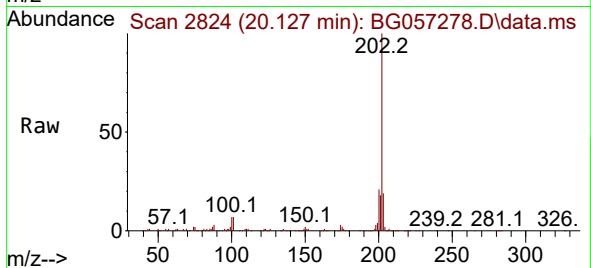




#82
 Pyrene
 Concen: 18.876 ng/ul
 RT: 20.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057278.D
 Acq: 2 May 2023 14:24

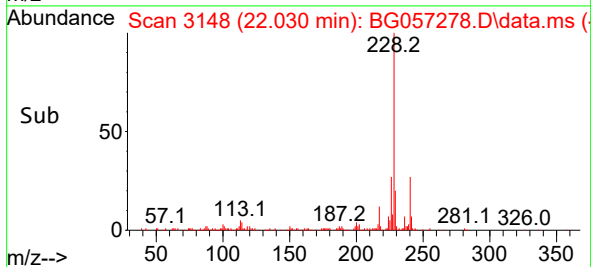
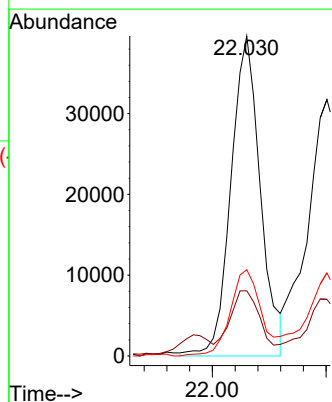
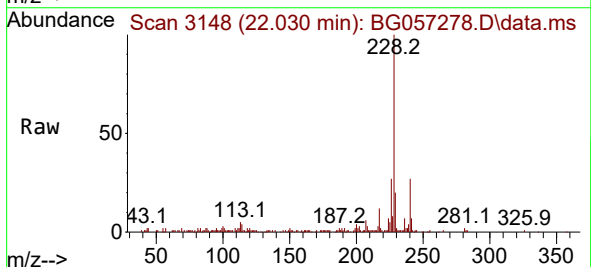
Instrument :
 BNA_G
 ClientSampleId :

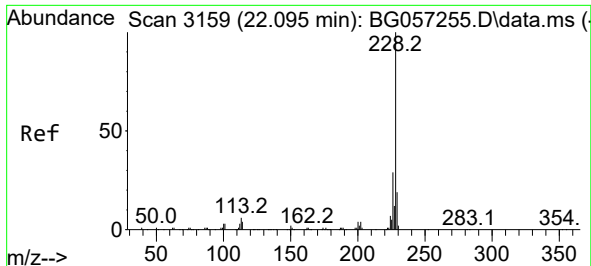
Tgt Ion:202 Resp: 127455
 Ion Ratio Lower Upper
 202 100
 101 6.9 5.7 8.5
 100 6.6 6.0 9.0



#85
 Benzo(a)anthracene
 Concen: 10.620 ng/ul
 RT: 22.030 min Scan# 3148
 Delta R.T. 0.003 min
 Lab File: BG057278.D
 Acq: 2 May 2023 14:24

Tgt Ion:228 Resp: 71048
 Ion Ratio Lower Upper
 228 100
 229 20.3 15.8 23.6
 226 27.0 21.7 32.5

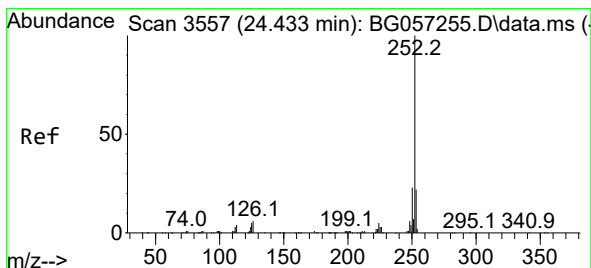
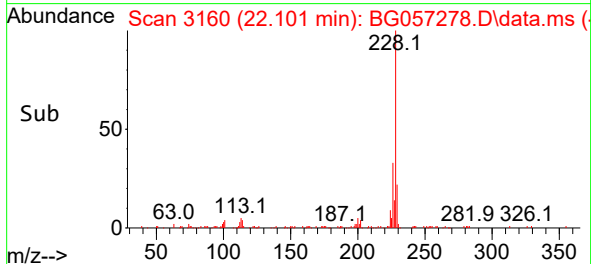
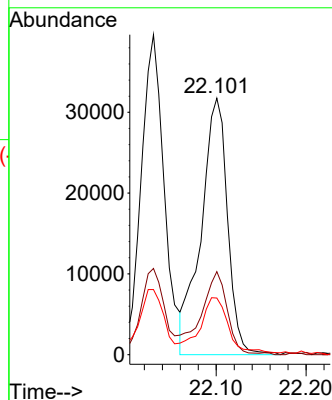
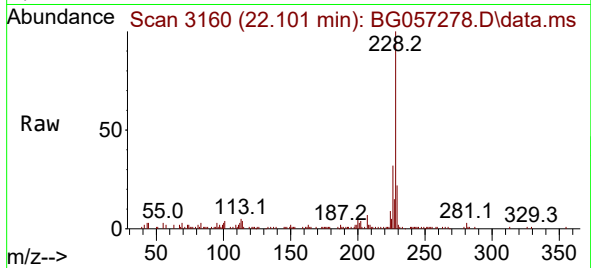




#87
Chrysene
Concen: 10.327 ng/ul
RT: 22.101 min Scan# 3159
Delta R.T. 0.003 min
Lab File: BG057278.D
Acq: 2 May 2023 14:24

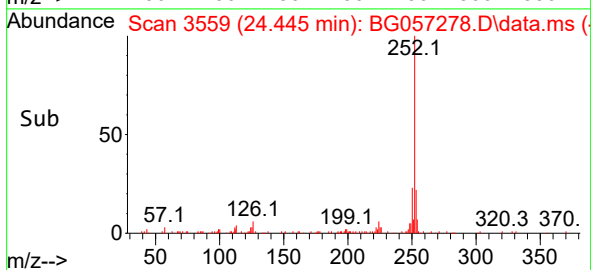
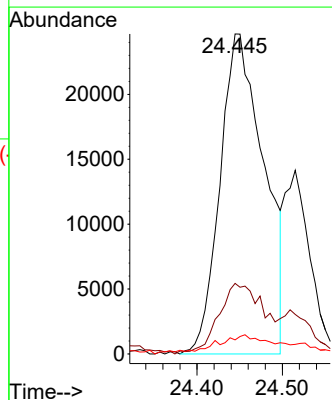
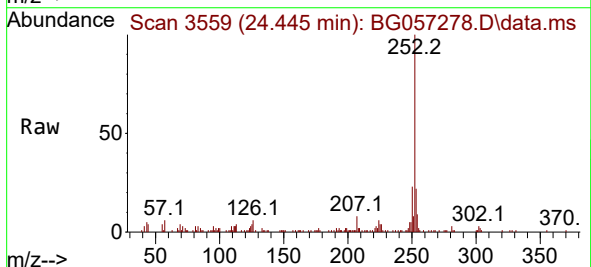
Instrument :
BNA_G
ClientSampleId :

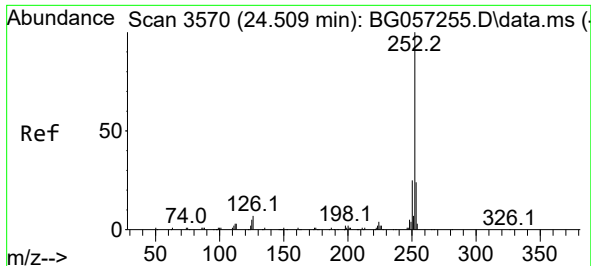
Tgt Ion:228 Resp: 65186
Ion Ratio Lower Upper
228 100
226 32.3 22.8 34.2
229 22.1 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 12.590 ng/ul
RT: 24.445 min Scan# 3559
Delta R.T. 0.009 min
Lab File: BG057278.D
Acq: 2 May 2023 14:24

Tgt Ion:252 Resp: 88331
Ion Ratio Lower Upper
252 100
253 22.1 16.7 25.1
125 4.4 4.8 7.2#

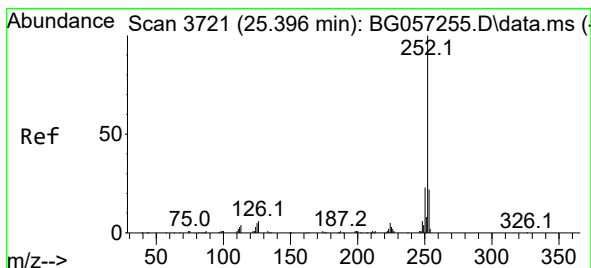
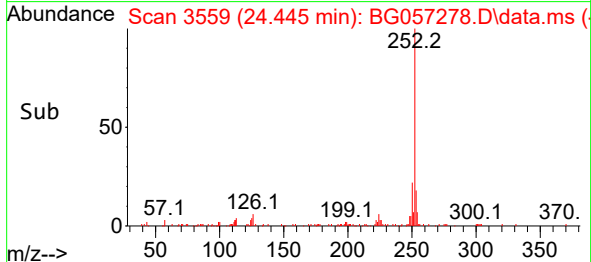
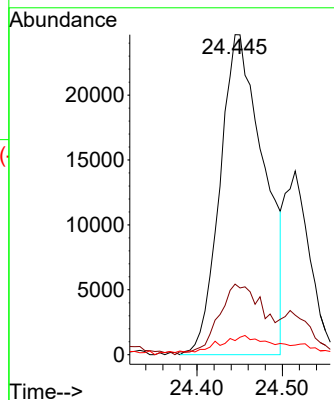
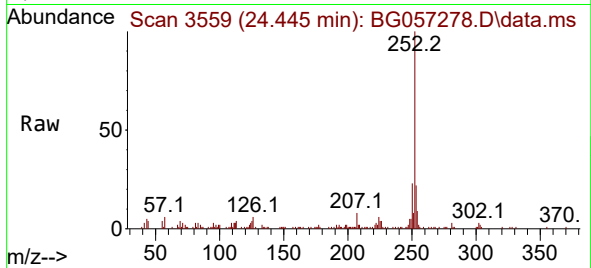




#91
Benzo(k)fluoranthene
Concen: 12.941 ng/ul
RT: 24.445 min Scan# 31
Delta R.T. -0.068 min
Lab File: BG057278.D
Acq: 2 May 2023 14:24

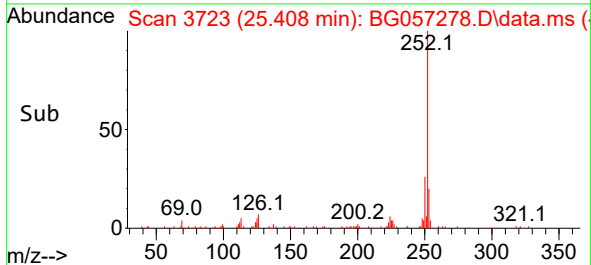
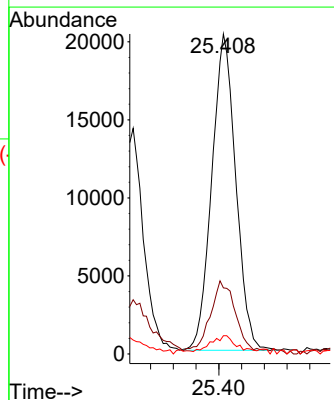
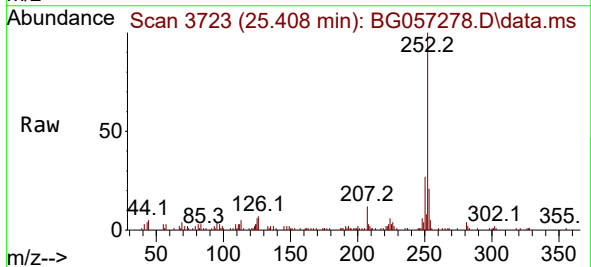
Instrument :
BNA_G
ClientSampleId :

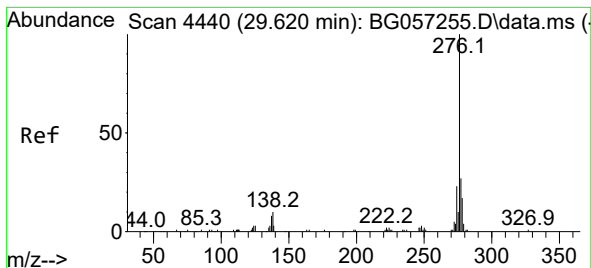
Tgt Ion:252 Resp: 88331
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 4.4 4.5 6.7#



#93
Benzo(a)pyrene
Concen: 9.799 ng/ul
RT: 25.408 min Scan# 3723
Delta R.T. 0.009 min
Lab File: BG057278.D
Acq: 2 May 2023 14:24

Tgt Ion:252 Resp: 59353
Ion Ratio Lower Upper
252 100
253 20.7 17.2 25.8
125 5.7 5.1 7.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.880 ng/ul

RT: 29.637 min Scan# 4443

Delta R.T. 0.015 min

Lab File: BG057278.D

Acq: 2 May 2023 14:24

Instrument :

BNA_G

ClientSampleId :

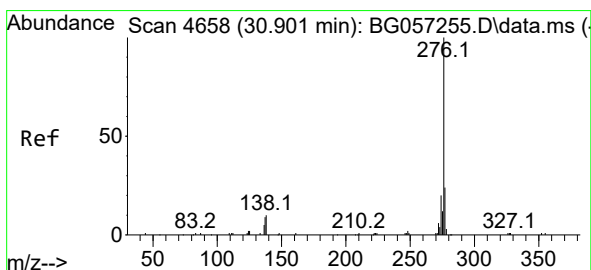
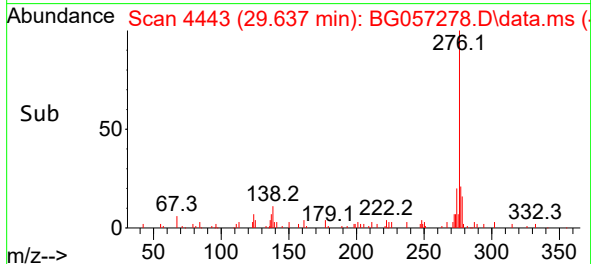
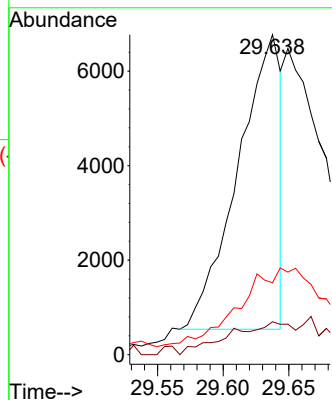
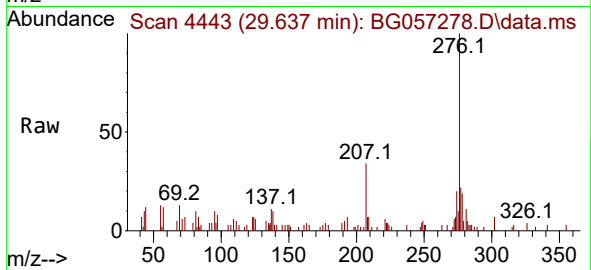
Tgt Ion:276 Resp: 14231

Ion Ratio Lower Upper

276 100

138 10.3 9.4 14.2

277 22.5 18.6 28.0



#96

Benzo(g,h,i)perylene

Concen: 4.192 ng/ul

RT: 30.924 min Scan# 4662

Delta R.T. 0.015 min

Lab File: BG057278.D

Acq: 2 May 2023 14:24

Tgt Ion:276 Resp: 25688

Ion Ratio Lower Upper

276 100

138 8.2 8.7 13.1#

277 22.6 18.4 27.6

