

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057242.D
 Acq On : 29 Apr 2023 8:36
 Operator : CG/JU
 Sample : 02417-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y0

Quant Time: May 01 00:29:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

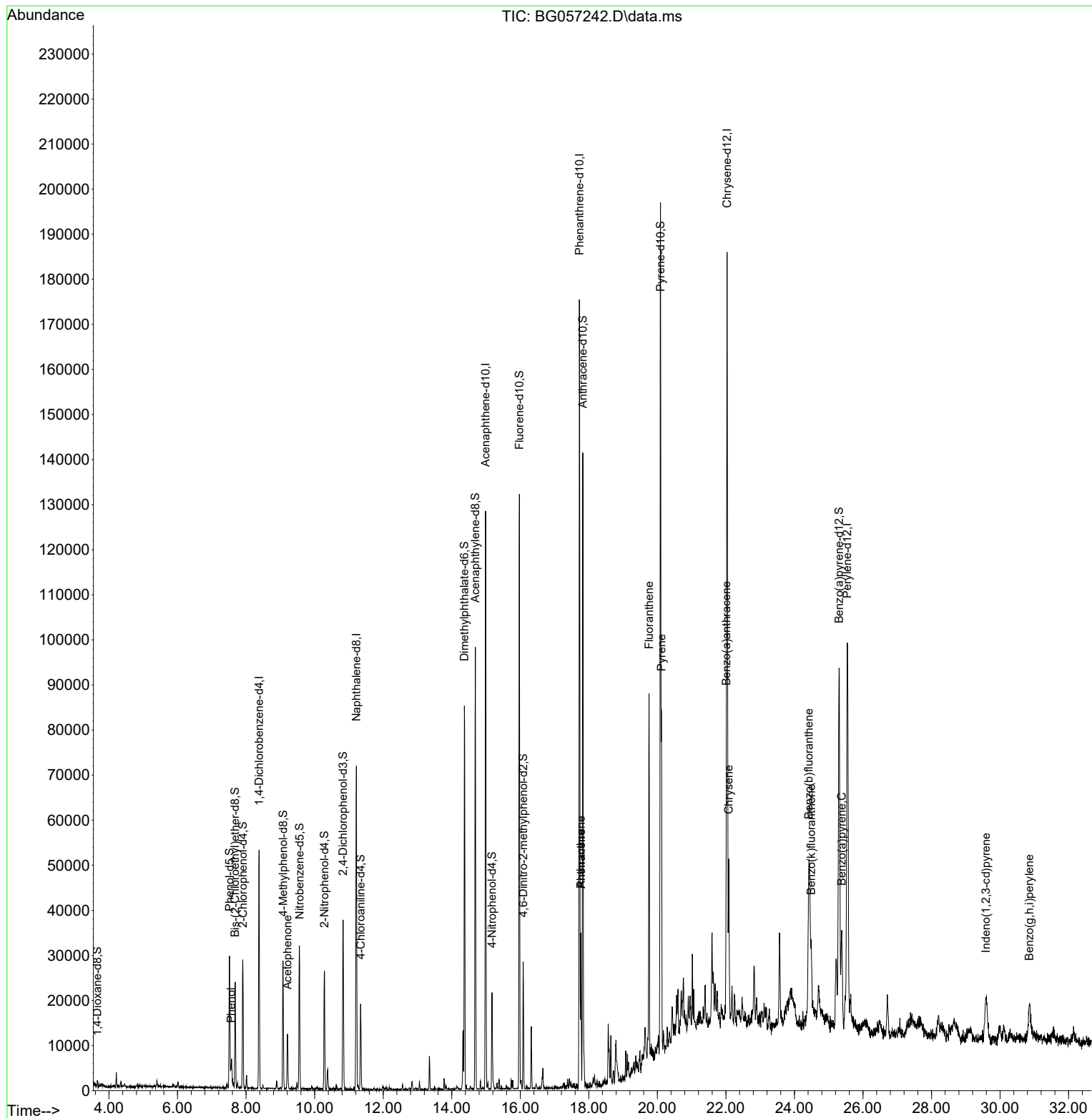
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	14542	20.000	ng/ul	0.00
20) Naphthalene-d8	11.216	136	59485	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.987	164	46863	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.725	188	117091	20.000	ng/ul	0.00
79) Chrysene-d12	22.037	240	104850	20.000	ng/ul	# 0.00
88) Perylene-d12	25.544	264	108173	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	604	1.828	ng/uL	0.00
4) Pyridine-d5	0.000	84	0	0.000	ng/ul	
7) Phenol-d5	7.515	99	16591	12.064	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	11066	13.681	ng/ul	0.00
11) 2-Chlorophenol-d4	7.909	132	13179	14.542	ng/ul	0.00
15) 4-Methylphenol-d8	9.078	113	10649	10.188	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	6918	14.604	ng/ul	0.00
24) 2-Nitrophenol-d4	10.288	143	8514	15.400	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	15738	14.755	ng/ul	0.00
31) 4-Chloroaniline-d4	11.339	131	10414	7.367	ng/ul	0.00
46) Dimethylphthalate-d6	14.370	166	56912	15.327	ng/ul	0.00
49) Acenaphthylene-d8	14.688	160	65199	15.622	ng/ul	0.00
54) 4-Nitrophenol-d4	15.175	143	5958	11.023	ng/ul	0.00
60) Fluorene-d10	15.974	176	53585	15.491	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.086	200	7691	11.086	ng/ul	0.00
73) Anthracene-d10	17.825	188	87680	16.405	ng/ul	0.00
81) Pyrene-d10	20.092	212	107015	17.195	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.303	264	93815	17.023	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.562	94	4907	3.540	ng/ul#	86
16) Acetophenone	9.207	105	7419	4.125	ng/ul	88
72) Phenanthrene	17.766	178	22099	3.624	ng/ul	96
74) Anthracene	17.766	178	22099	3.608	ng/ul	96
80) Fluoranthene	19.757	202	49714	6.725	ng/ul	99
82) Pyrene	20.122	202	48705	6.508	ng/ul#	95
85) Benzo(a)anthracene	22.013	228	26875	3.624	ng/ul	96
87) Chrysene	22.084	228	26507	3.789	ng/ul	97
90) Benzo(b)fluoranthene	24.422	252	37714	5.035	ng/ul	96
91) Benzo(k)fluoranthene	24.492	252	8836	1.212	ng/ul	96
93) Benzo(a)pyrene	25.379	252	27376	4.233	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.585	276	12448	1.540	ng/ul	96
96) Benzo(g,h,i)perylene	30.854	276	18243	2.788	ng/ul	99

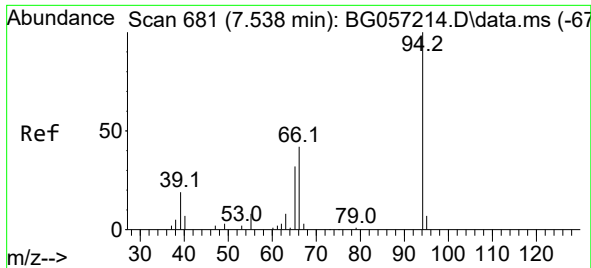
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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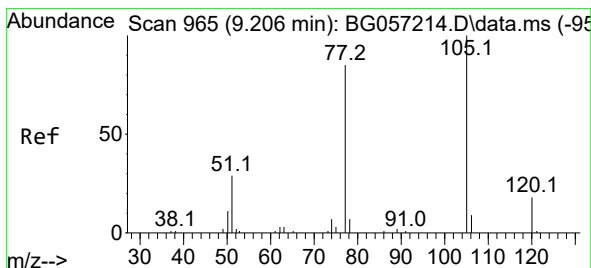
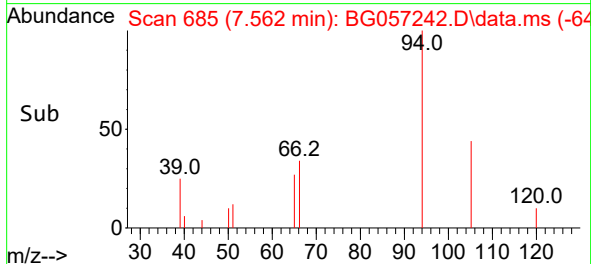
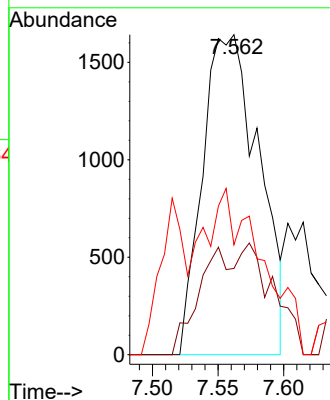
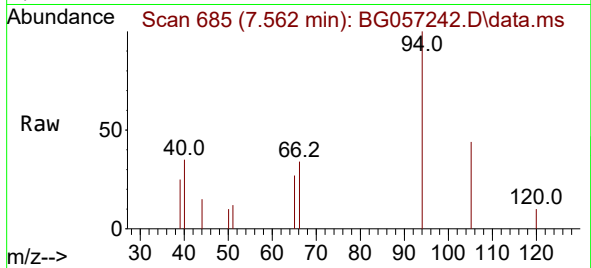




#8
Phenol
Concen: 3.540 ng/ul
RT: 7.562 min Scan# 681
Delta R.T. 0.024 min
Lab File: BG057242.D
Acq: 29 Apr 2023 8:36

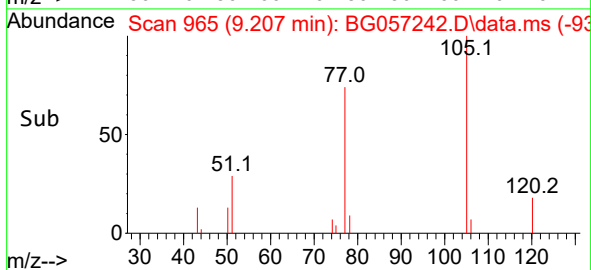
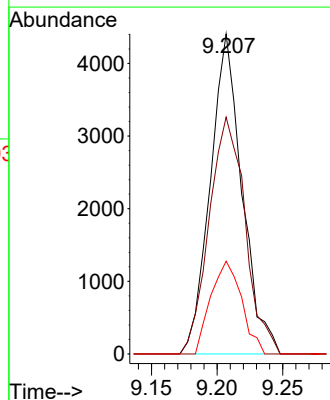
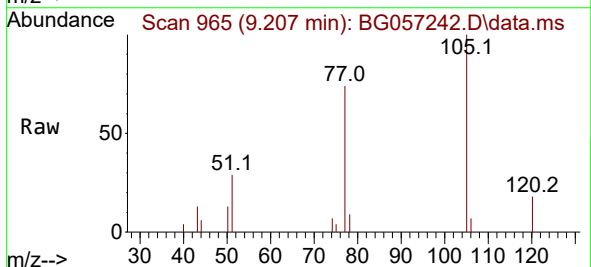
Instrument :
BNA_G
ClientSampleId :
EW8Y0

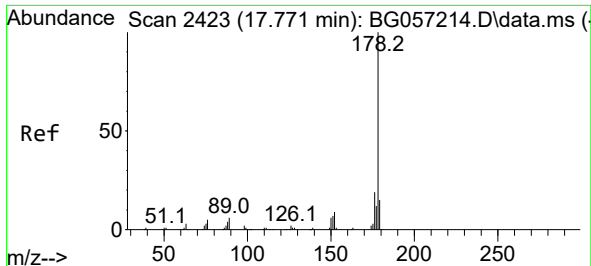
Tgt Ion: 94 Resp: 4907
Ion Ratio Lower Upper
94 100
65 27.0 25.5 38.3
66 34.3 36.9 55.3#



#16
Acetophenone
Concen: 4.125 ng/ul
RT: 9.207 min Scan# 965
Delta R.T. 0.001 min
Lab File: BG057242.D
Acq: 29 Apr 2023 8:36

Tgt Ion: 105 Resp: 7419
Ion Ratio Lower Upper
105 100
77 74.0 70.6 105.8
51 29.0 24.5 36.7

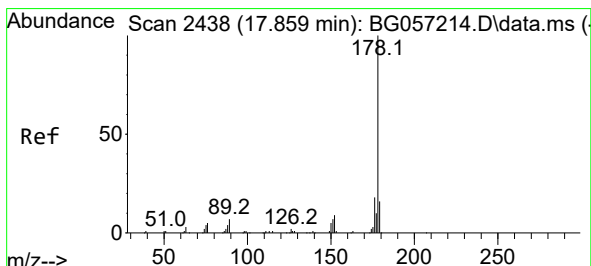
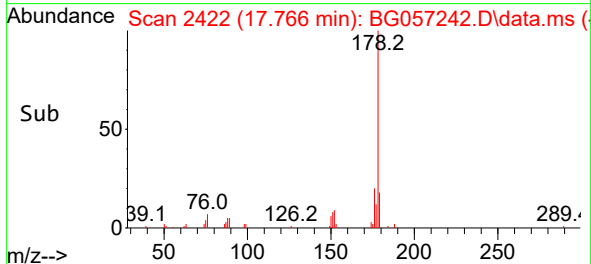
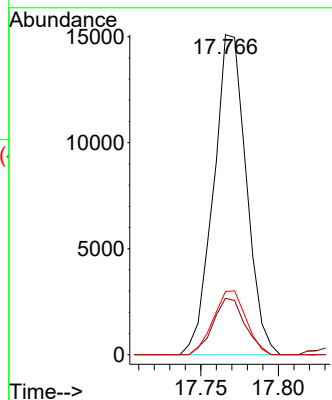
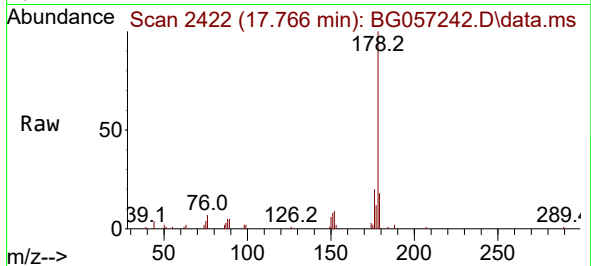




#72
Phenanthrene
Concen: 3.624 ng/ul
RT: 17.766 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BG057242.D
Acq: 29 Apr 2023 8:36

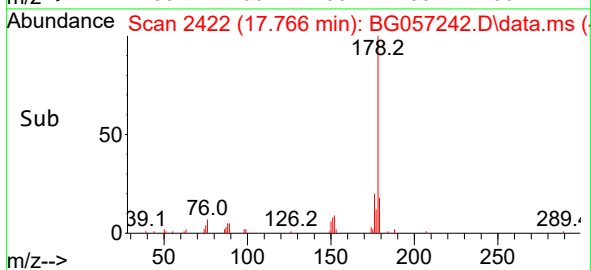
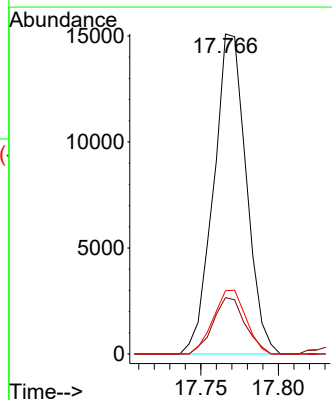
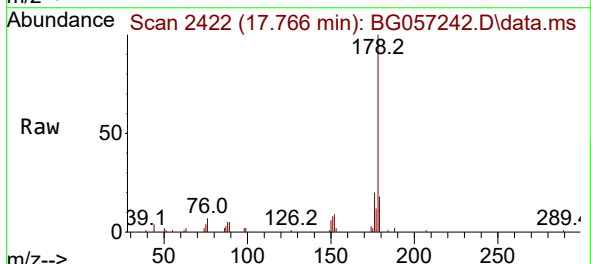
Instrument :
BNA_G
ClientSampleId :
EW8Y0

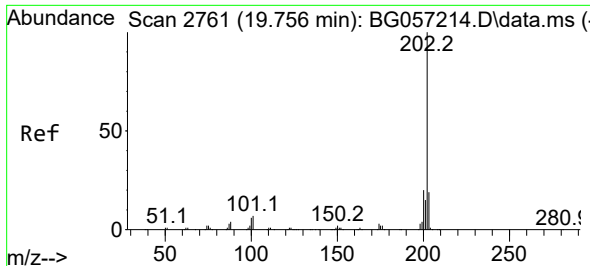
Tgt Ion:178 Resp: 22099
Ion Ratio Lower Upper
178 100
179 17.6 11.8 17.8
176 19.7 15.4 23.0



#74
Anthracene
Concen: 3.608 ng/ul
RT: 17.766 min Scan# 2422
Delta R.T. -0.093 min
Lab File: BG057242.D
Acq: 29 Apr 2023 8:36

Tgt Ion:178 Resp: 22099
Ion Ratio Lower Upper
178 100
179 17.6 12.5 18.7
176 19.7 14.7 22.1

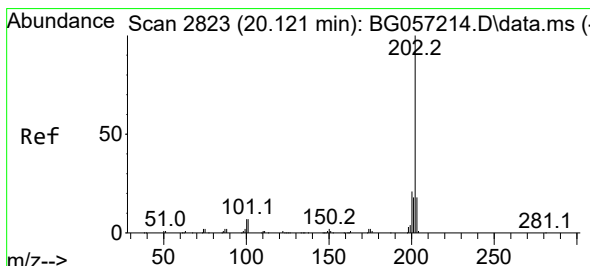
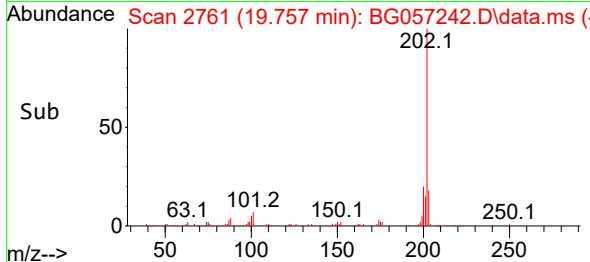
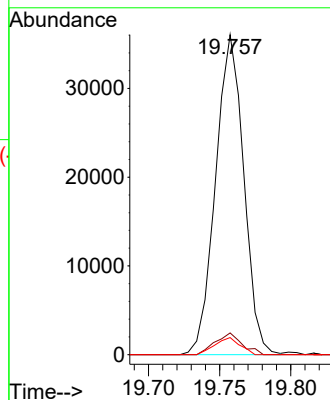
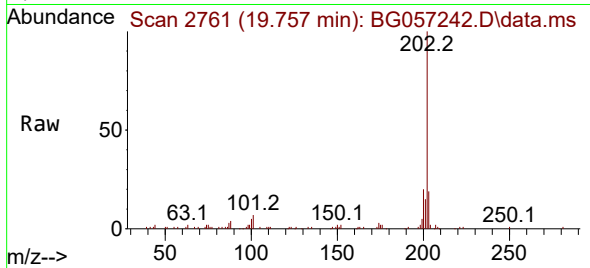




#80
Fluoranthene
Concen: 6.725 ng/u1
RT: 19.757 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057242.D
Acq: 29 Apr 2023 8:36

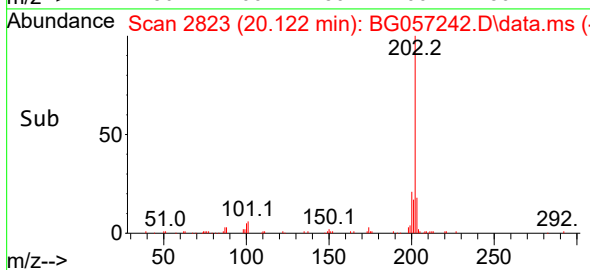
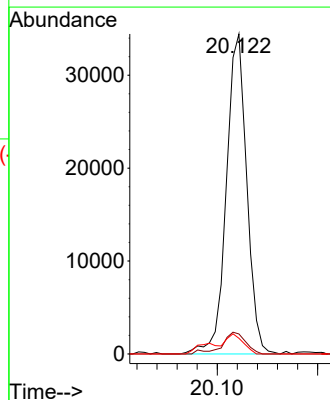
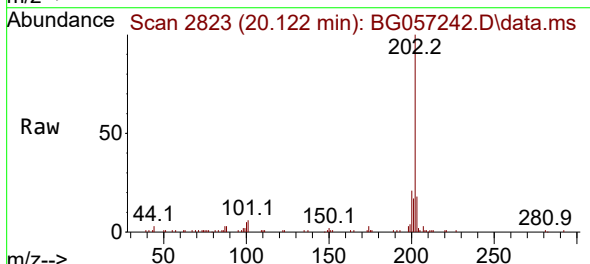
Instrument :
BNA_G
ClientSampleId :
EW8Y0

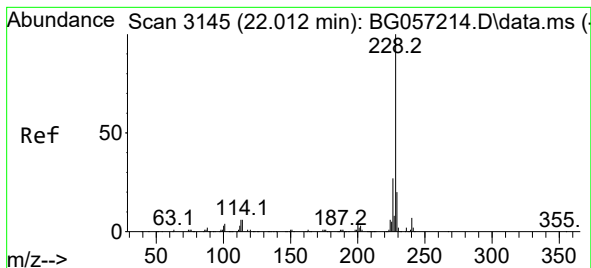
Tgt Ion:202 Resp: 49714
Ion Ratio Lower Upper
202 100
101 6.8 5.8 8.6
100 5.3 4.6 7.0



#82
Pyrene
Concen: 6.508 ng/u1
RT: 20.122 min Scan# 2823
Delta R.T. 0.001 min
Lab File: BG057242.D
Acq: 29 Apr 2023 8:36

Tgt Ion:202 Resp: 48705
Ion Ratio Lower Upper
202 100
101 6.2 5.7 8.5
100 4.9 6.0 9.0#





#85

Benzo(a)anthracene

Concen: 3.624 ng/ul

RT: 22.013 min Scan# 3145

Delta R.T. 0.001 min

Lab File: BG057242.D

Acq: 29 Apr 2023 8:36

Instrument :

BNA_G

ClientSampleId :

EW8Y0

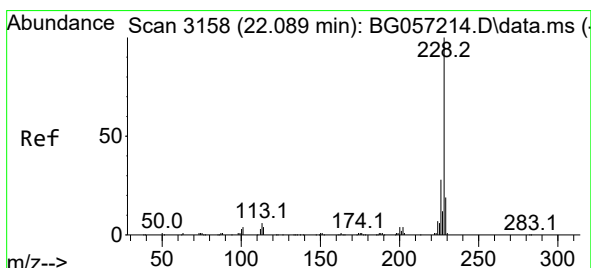
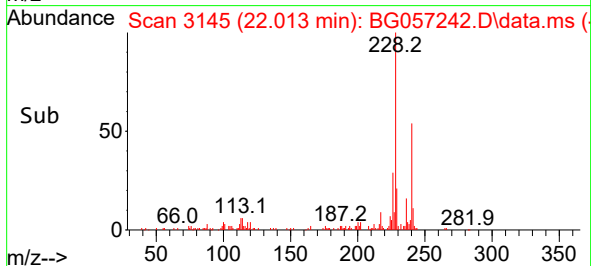
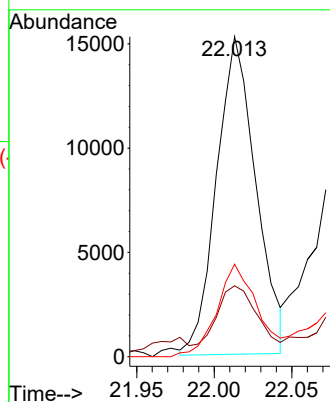
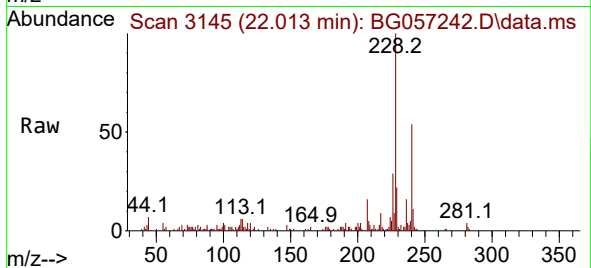
Tgt Ion:228 Resp: 26875

Ion Ratio Lower Upper

228 100

229 22.2 15.8 23.6

226 28.9 21.7 32.5



#87

Chrysene

Concen: 3.789 ng/ul

RT: 22.084 min Scan# 3157

Delta R.T. -0.005 min

Lab File: BG057242.D

Acq: 29 Apr 2023 8:36

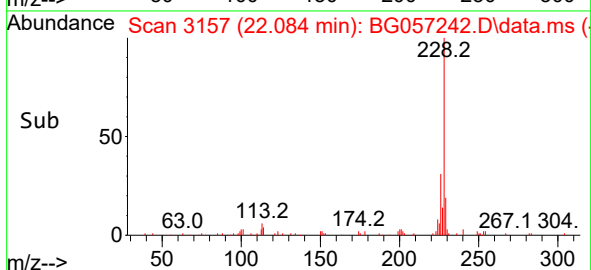
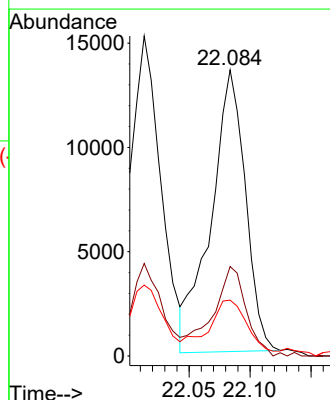
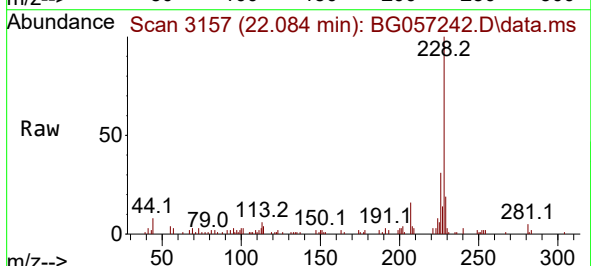
Tgt Ion:228 Resp: 26507

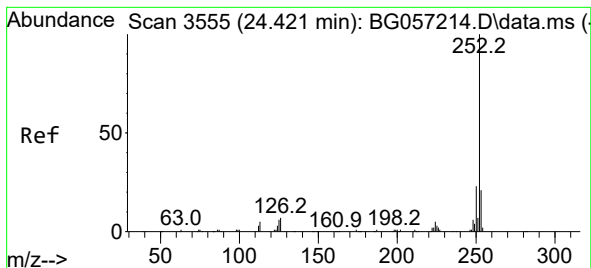
Ion Ratio Lower Upper

228 100

226 31.3 22.8 34.2

229 19.5 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 5.035 ng/ul

RT: 24.422 min Scan# 3555

Delta R.T. 0.001 min

Lab File: BG057242.D

Acq: 29 Apr 2023 8:36

Instrument :

BNA_G

ClientSampleId :

EW8Y0

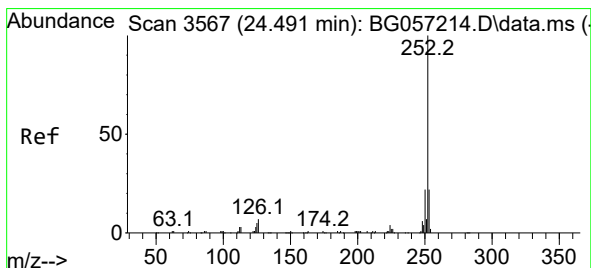
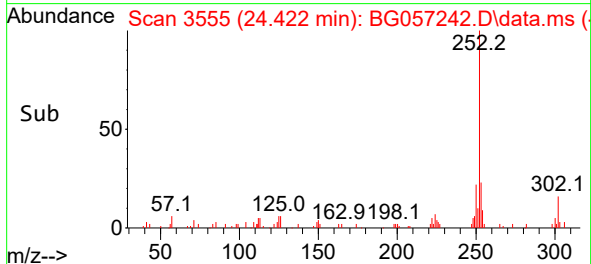
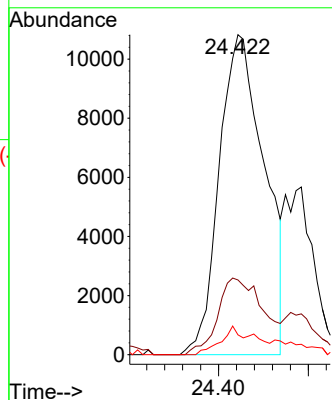
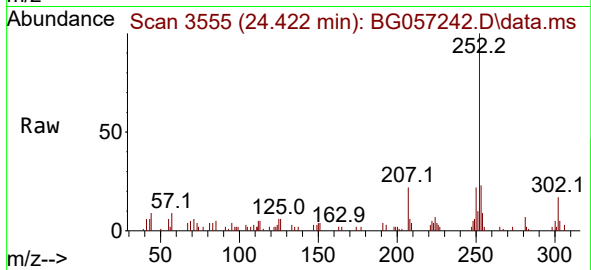
Tgt Ion:252 Resp: 37714

Ion Ratio Lower Upper

252 100

253 23.3 16.7 25.1

125 6.2 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 1.212 ng/ul

RT: 24.492 min Scan# 3567

Delta R.T. 0.001 min

Lab File: BG057242.D

Acq: 29 Apr 2023 8:36

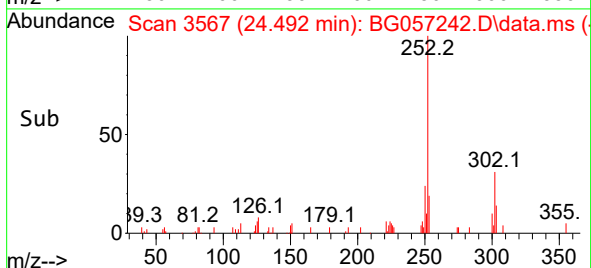
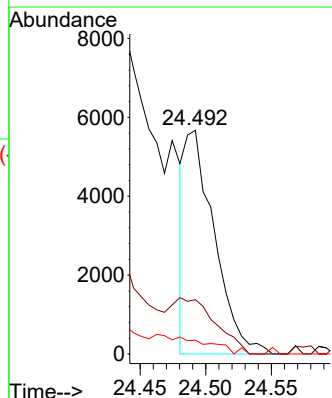
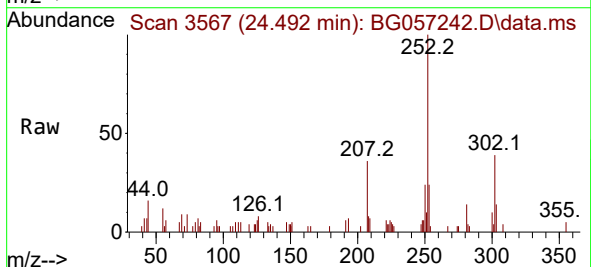
Tgt Ion:252 Resp: 8836

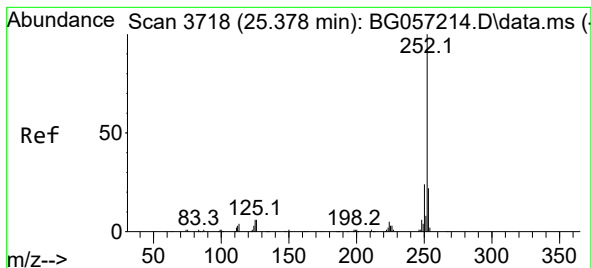
Ion Ratio Lower Upper

252 100

253 24.3 17.7 26.5

125 6.2 4.5 6.7





#93

Benzo(a)pyrene

Concen: 4.233 ng/ul

RT: 25.379 min Scan# 3718

Delta R.T. 0.001 min

Lab File: BG057242.D

Acq: 29 Apr 2023 8:36

Instrument :

BNA_G

ClientSampleId :

EW8Y0

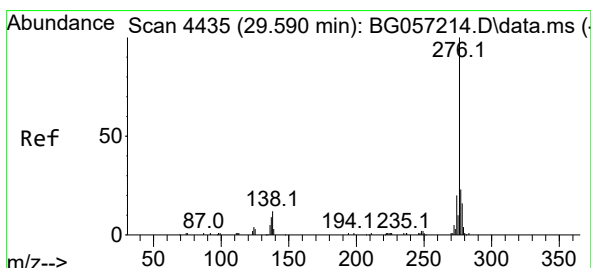
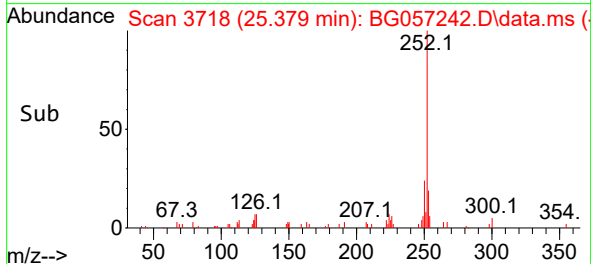
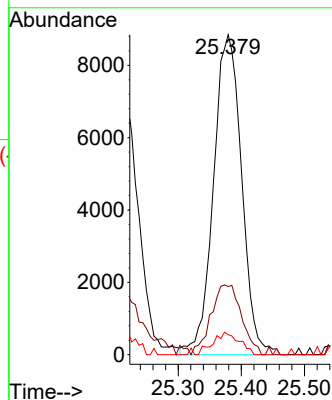
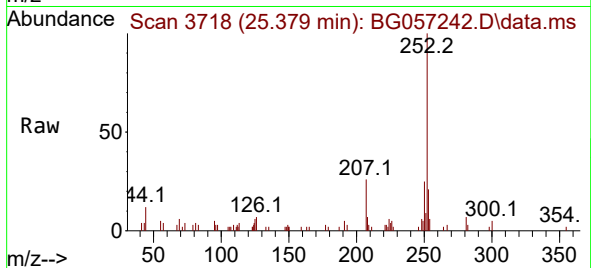
Tgt Ion:252 Resp: 27376

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 6.3 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.540 ng/ul

RT: 29.585 min Scan# 4434

Delta R.T. -0.005 min

Lab File: BG057242.D

Acq: 29 Apr 2023 8:36

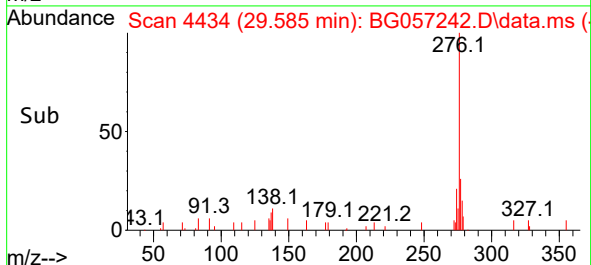
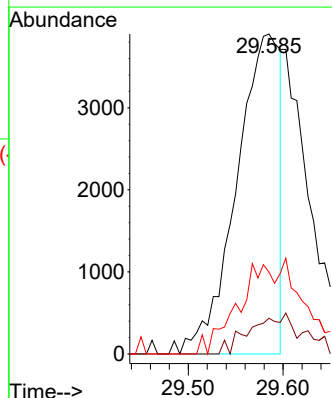
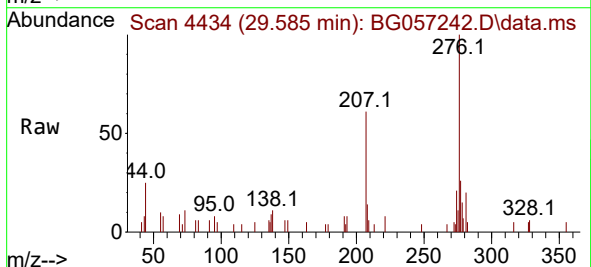
Tgt Ion:276 Resp: 12448

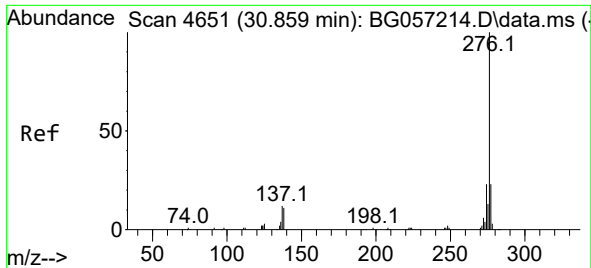
Ion Ratio Lower Upper

276 100

138 11.1 9.4 14.2

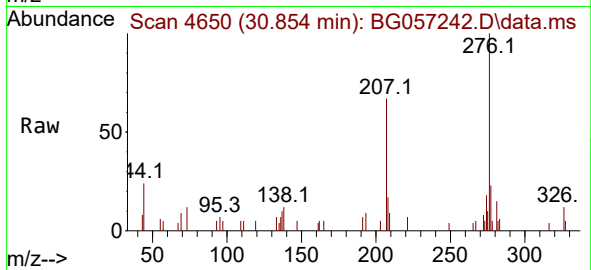
277 25.6 18.6 28.0





#96
 Benzo(g,h,i)perylene
 Concen: 2.788 ng/ul
 RT: 30.854 min Scan# 4
 Delta R.T. -0.005 min
 Lab File: BG057242.D
 Acq: 29 Apr 2023 8:36

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y0



Tgt Ion:	276	Resp:	18243
Ion	Ratio	Lower	Upper
276	100		
138	12.1	8.7	13.1
277	23.1	18.4	27.6

