

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057253.D
 Acq On : 1 May 2023 16:06
 Operator : CG/JU
 Sample : 02418-27
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW901

Quant Time: May 01 22:29:49 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)

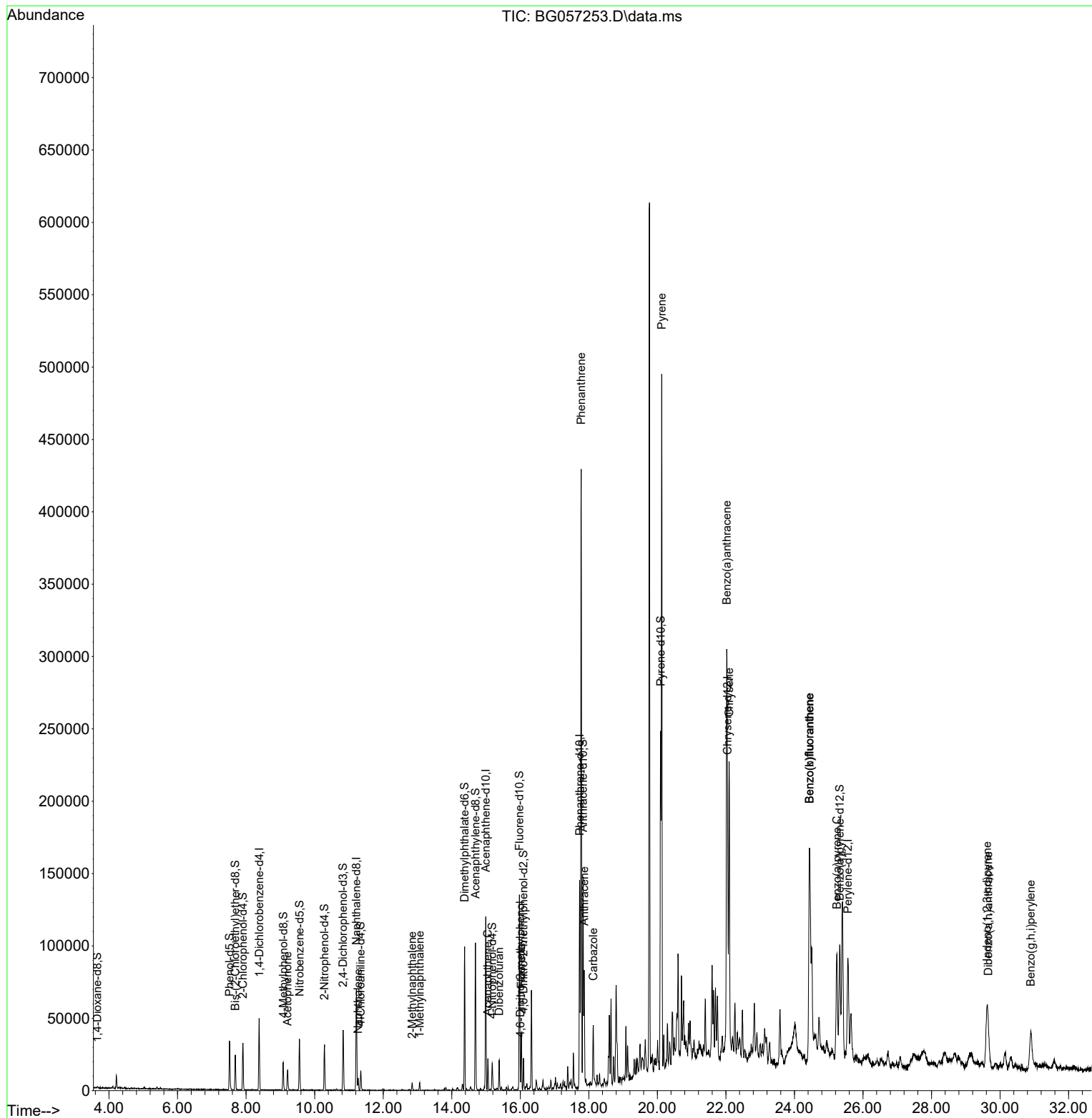
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.385	152	13536	20.000	ng/ul	0.00
20) Naphthalene-d8	11.216	136	58493	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.993	164	43264	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.731	188	96585	20.000	ng/ul	0.00
79) Chrysene-d12	22.048	240	82589	20.000	ng/ul	# 0.00
88) Perylene-d12	25.561	264	89365	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	574	1.866	ng/uL	0.00
4) Pyridine-d5	4.108	84	238	0.245	ng/ul	0.00
7) Phenol-d5	7.515	99	18786	14.675	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.686	67	11933	15.849	ng/ul	0.00
11) 2-Chlorophenol-d4	7.909	132	13673	16.208	ng/ul	0.00
15) 4-Methylphenol-d8	9.084	113	7941	8.162	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	8011	17.198	ng/ul	0.00
24) 2-Nitrophenol-d4	10.288	143	9423	17.334	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	17198	16.397	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	8232	5.922	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	63480	18.518	ng/ul	0.00
49) Acenaphthylene-d8	14.694	160	73145	18.984	ng/ul	0.00
54) 4-Nitrophenol-d4	15.181	143	5208	10.437	ng/ul	0.00
60) Fluorene-d10	15.974	176	57664	18.056	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.092	200	6196	10.827	ng/ul	0.00
73) Anthracene-d10	17.831	188	85029	19.287	ng/ul	0.00
81) Pyrene-d10	20.098	212	99816	20.361	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.321	264	92650	20.350	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	9.207	105	8701	5.197	ng/ul	95
30) Naphthalene	11.269	128	7626	2.375	ng/ul#	96
36) 2-Methylnaphthalene	12.849	142	3038	1.290	ng/ul	96
37) 1-Methylnaphthalene	13.067	142	2825	1.193	ng/ul#	93
52) Acenaphthene	15.052	153	9414	3.375	ng/ul	96
56) Dibenzofuran	15.387	168	12209	3.031	ng/ul	96
61) Fluorene	16.033	166	18937	5.559	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.004	198	714	1.224	ng/ul#	55
72) Phenanthrene	17.778	178	282170	56.101	ng/ul	100
74) Anthracene	17.866	178	52007	10.294	ng/ul	98
77) Carbazole	18.130	167	26938	6.380	ng/ul	97
82) Pyrene	20.128	202	313322	53.149	ng/ul#	97
85) Benzo(a)anthracene	22.025	228	179104	30.663	ng/ul	99
87) Chrysene	22.095	228	162822	29.546	ng/ul	96
90) Benzo(b)fluoranthene	24.439	252	201553	32.569	ng/ul	96
91) Benzo(k)fluoranthene	24.439	252	201553	33.477	ng/ul	98
93) Benzo(a)pyrene	25.238	252	86277	16.149	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.621	276	87405	13.088	ng/ul	99
95) Dibenzo(a,h)anthracene	29.656	278	12433	2.245	ng/ul	99
96) Benzo(g,h,i)perylene	30.895	276	36339	6.723	ng/ul	98

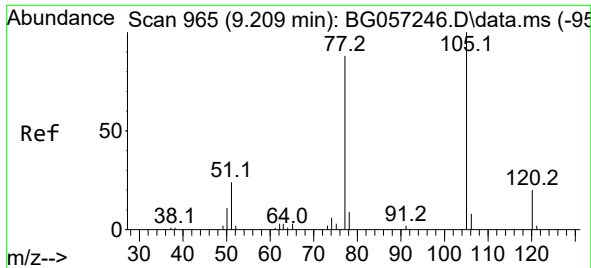
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057253.D
Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

Quant Time: May 01 22:29:49 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

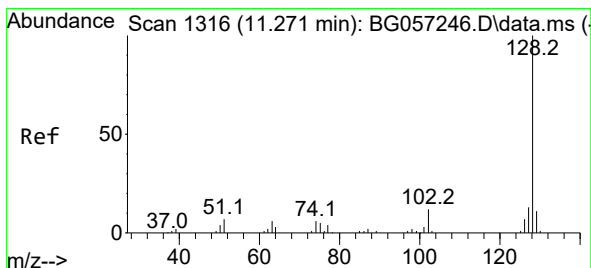
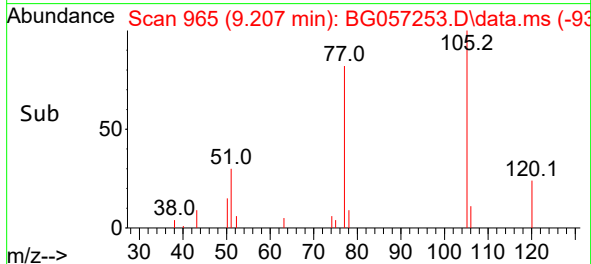
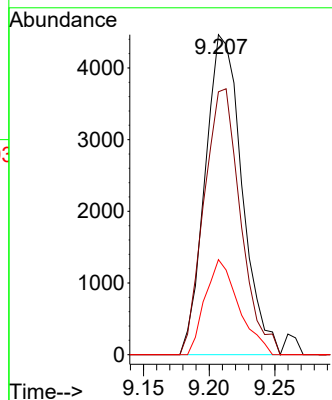
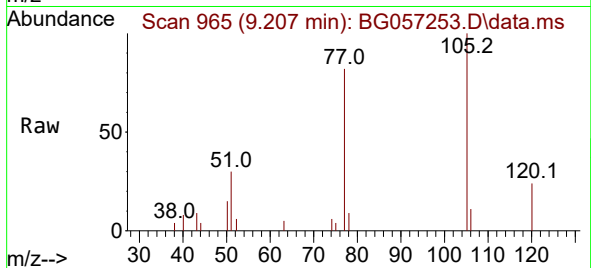




#16
Acetophenone
Concen: 5.197 ng/ul
RT: 9.207 min Scan# 901
Delta R.T. -0.002 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

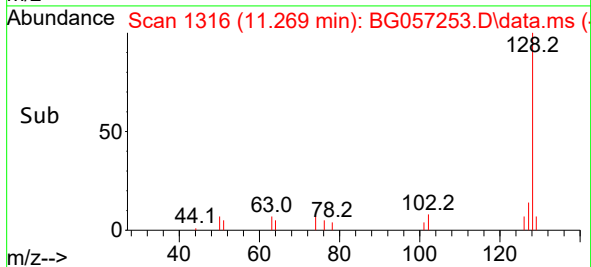
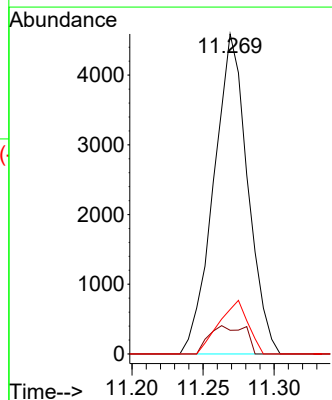
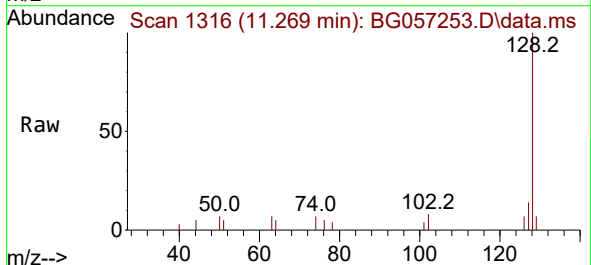
Instrument :
BNA_G
ClientSampleId :
EW901

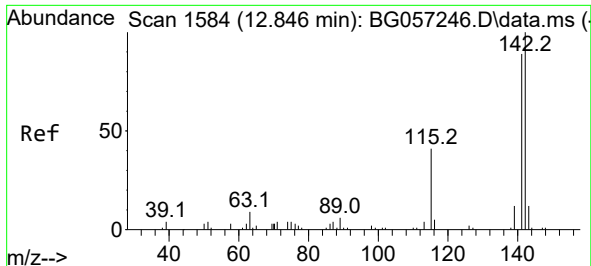
Tgt Ion:105 Resp: 8701
Ion Ratio Lower Upper
105 100
77 82.2 70.6 105.8
51 29.7 24.5 36.7



#30
Naphthalene
Concen: 2.375 ng/ul
RT: 11.269 min Scan# 1316
Delta R.T. -0.002 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

Tgt Ion:128 Resp: 7626
Ion Ratio Lower Upper
128 100
129 7.4 8.5 12.7#
127 13.9 11.4 17.0

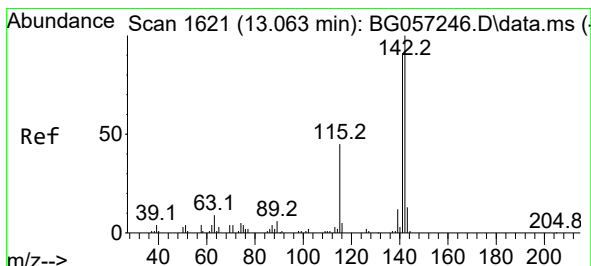
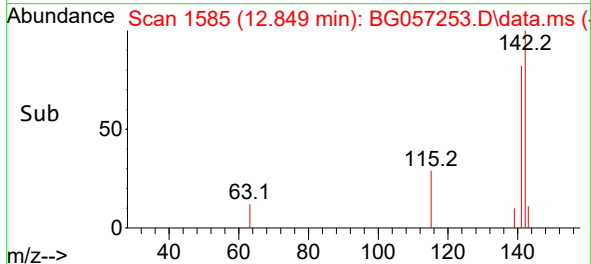
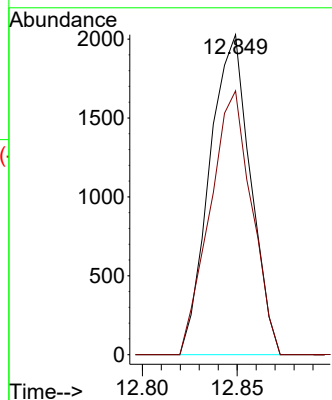
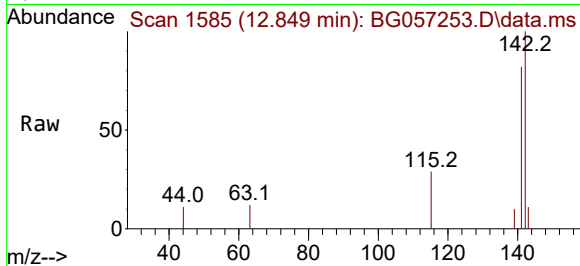




#36
2-Methylnaphthalene
Concen: 1.290 ng/ul
RT: 12.849 min Scan# 1584
Delta R.T. 0.003 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

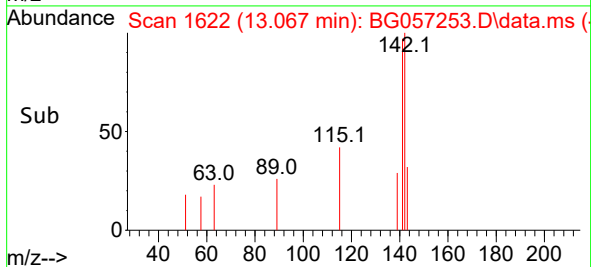
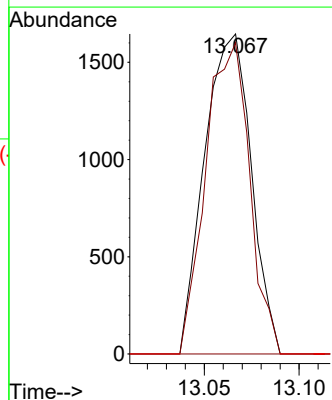
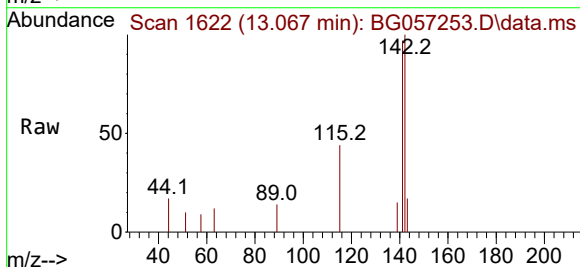
Instrument :
BNA_G
ClientSampleId :
EW901

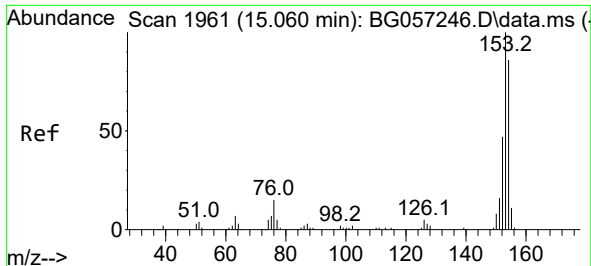
Tgt Ion:142 Resp: 3038
Ion Ratio Lower Upper
142 100
141 82.4 68.7 103.1



#37
1-Methylnaphthalene
Concen: 1.193 ng/ul
RT: 13.067 min Scan# 1622
Delta R.T. 0.003 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

Tgt Ion:142 Resp: 2825
Ion Ratio Lower Upper
142 100
141 97.3 72.9 109.3
116 0.0 3.2 4.8#

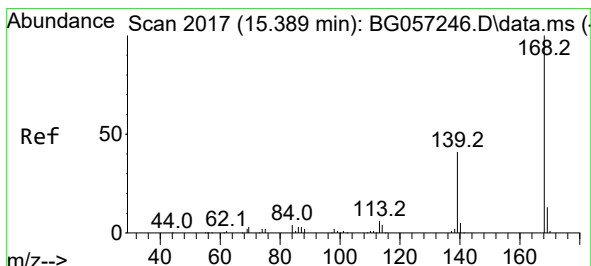
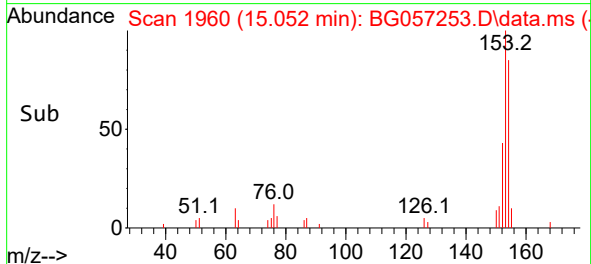
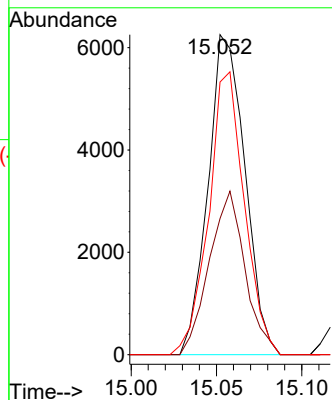
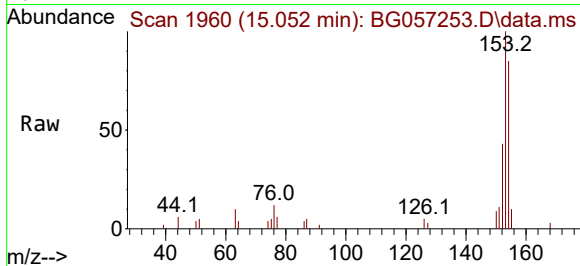




#52
Acenaphthene
Concen: 3.375 ng/ul
RT: 15.052 min Scan# 1960
Delta R.T. -0.008 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

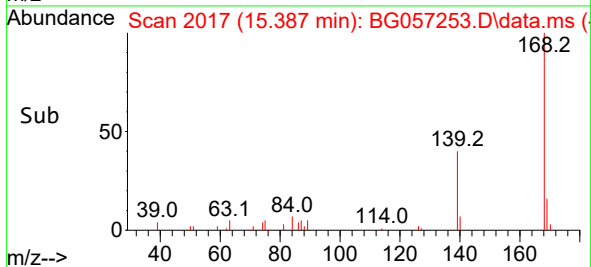
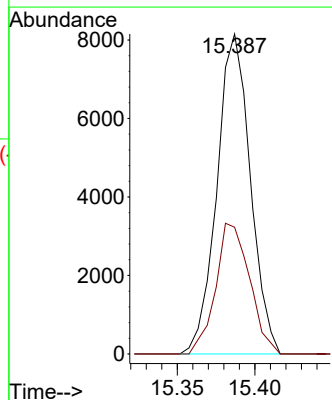
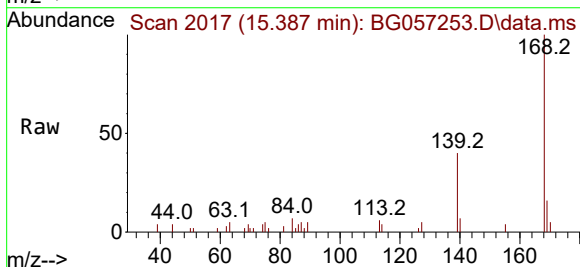
Instrument :
BNA_G
ClientSampleId :
EW901

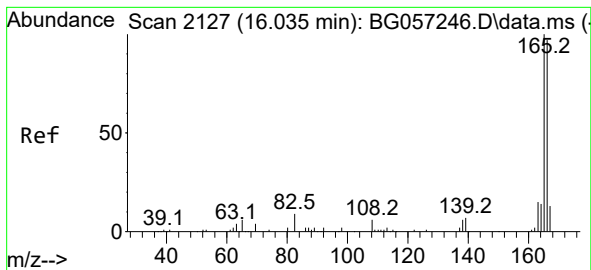
Tgt Ion:153 Resp: 9414
Ion Ratio Lower Upper
153 100
152 42.6 36.5 54.7
154 85.2 70.6 106.0



#56
Dibenzofuran
Concen: 3.031 ng/ul
RT: 15.387 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

Tgt Ion:168 Resp: 12209
Ion Ratio Lower Upper
168 100
139 39.6 29.6 44.4





#61

Fluorene

Concen: 5.559 ng/ul

RT: 16.033 min Scan# 2127

Delta R.T. -0.002 min

Lab File: BG057253.D

Acq: 1 May 2023 16:06

Instrument :

BNA_G

ClientSampleId :

EW901

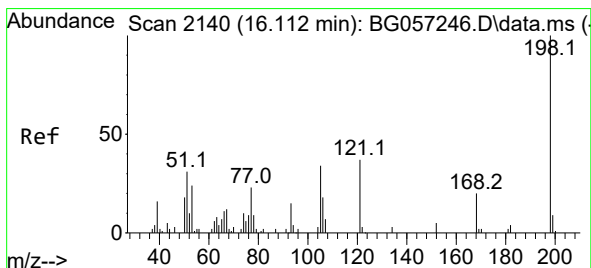
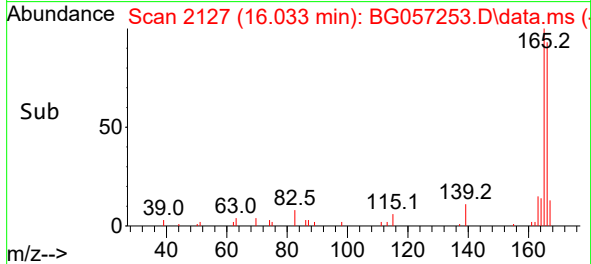
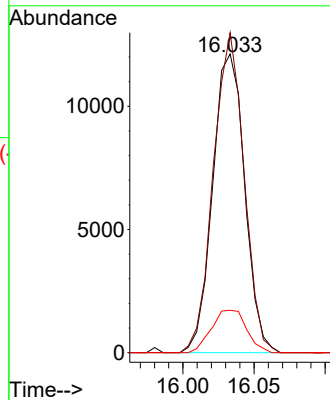
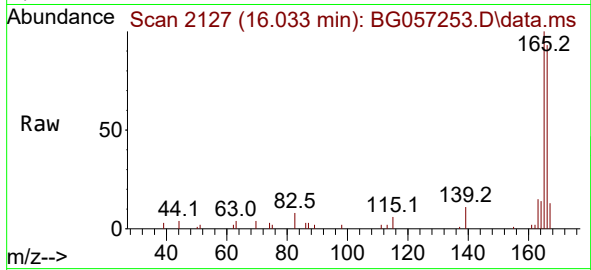
Tgt Ion:166 Resp: 18937

Ion Ratio Lower Upper

166 100

165 107.1 80.1 120.1

167 14.2 10.2 15.4



#66

4,6-Dinitro-2-methylphenol

Concen: 1.224 ng/ul

RT: 16.004 min Scan# 2122

Delta R.T. -0.108 min

Lab File: BG057253.D

Acq: 1 May 2023 16:06

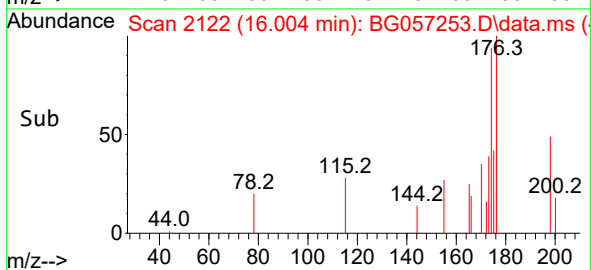
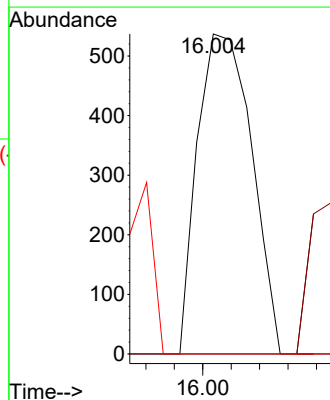
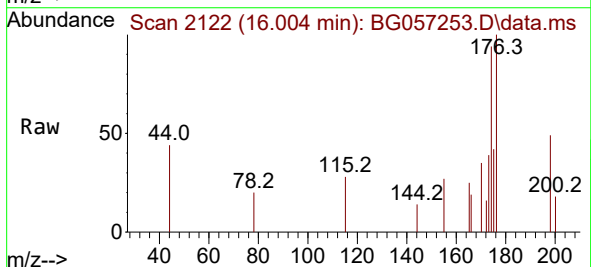
Tgt Ion:198 Resp: 714

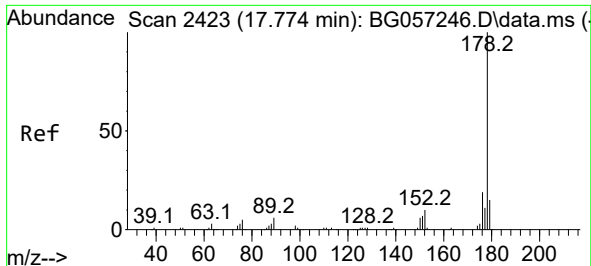
Ion Ratio Lower Upper

198 100

182 0.0 3.0 4.6#

77 0.0 20.1 30.1#

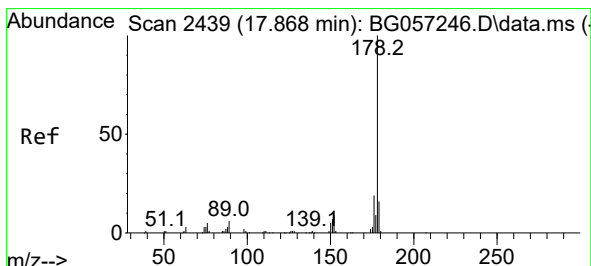
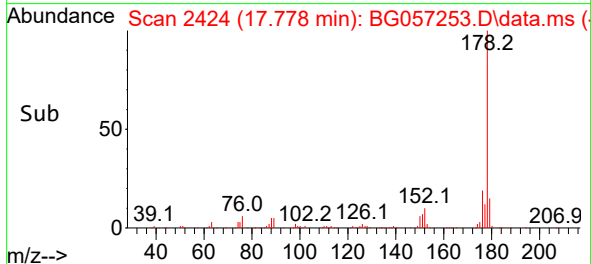
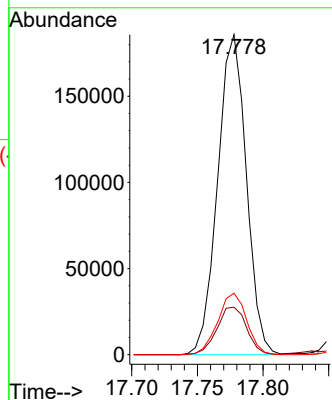
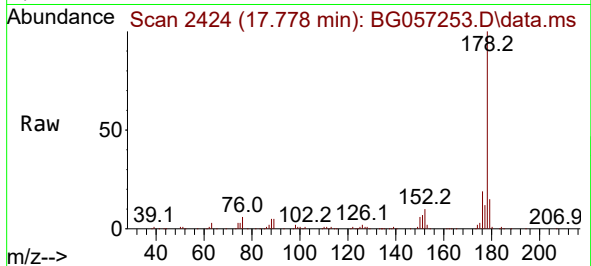




#72
Phenanthrene
Concen: 56.101 ng/ul
RT: 17.778 min Scan# 2423
Delta R.T. 0.003 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

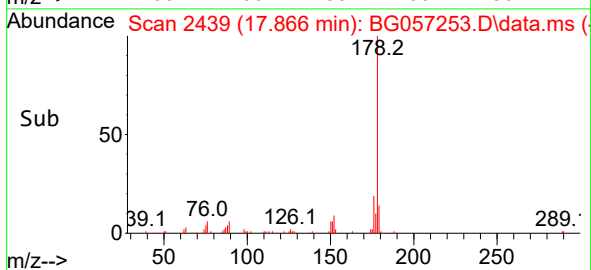
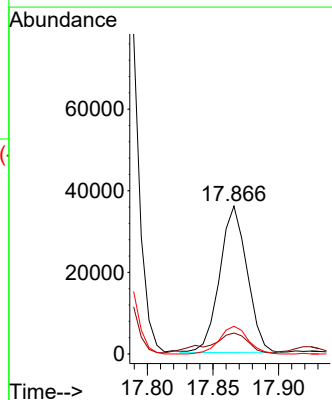
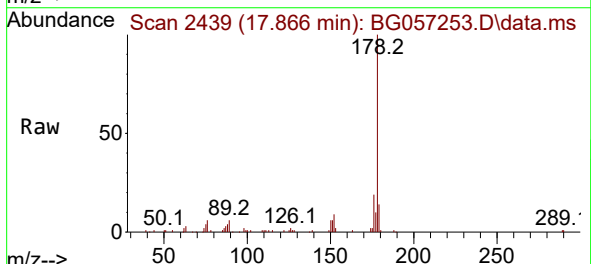
Instrument :
BNA_G
ClientSampleId :
EW901

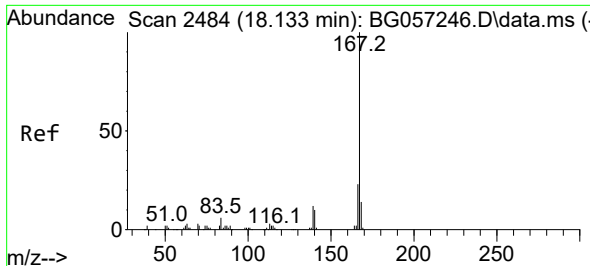
Tgt Ion:178 Resp: 282170
Ion Ratio Lower Upper
178 100
179 14.8 11.8 17.8
176 19.2 15.4 23.0



#74
Anthracene
Concen: 10.294 ng/ul
RT: 17.866 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

Tgt Ion:178 Resp: 52007
Ion Ratio Lower Upper
178 100
179 14.2 12.5 18.7
176 18.7 14.7 22.1

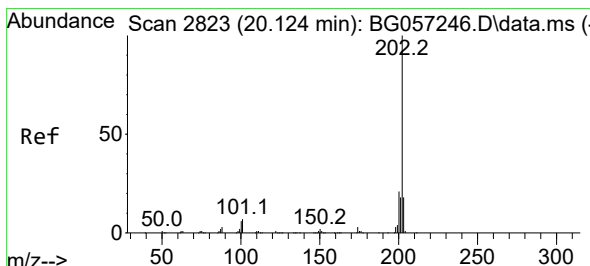
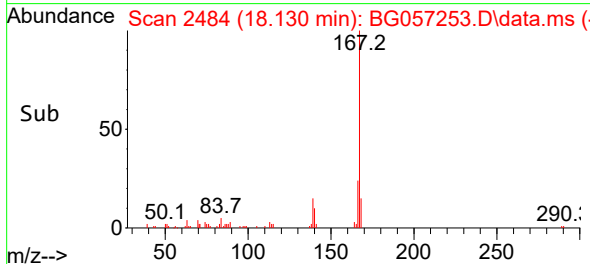
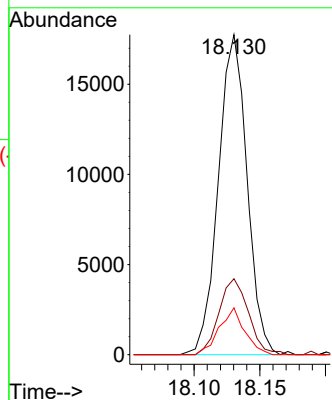
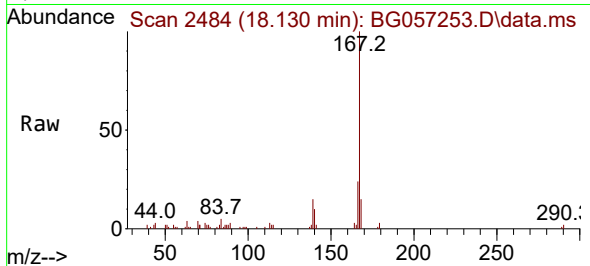




#77
 Carbazole
 Concen: 6.380 ng/ul
 RT: 18.130 min Scan# 2484
 Delta R.T. -0.002 min
 Lab File: BG057253.D
 Acq: 1 May 2023 16:06

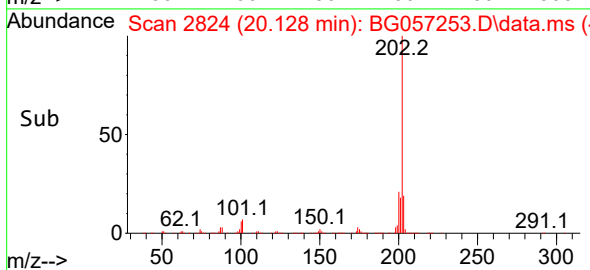
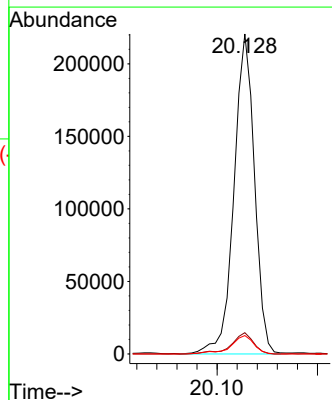
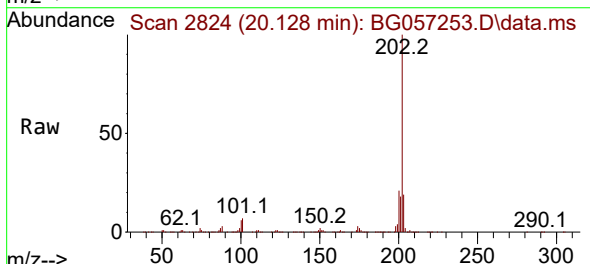
Instrument :
 BNA_G
 ClientSampleId :
 EW901

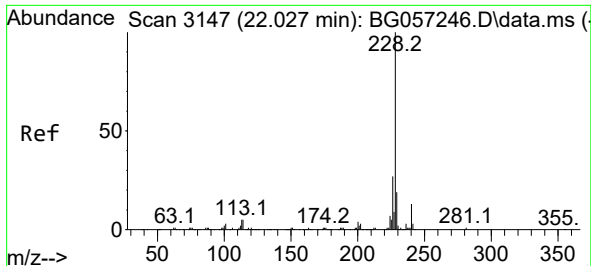
Tgt Ion:167 Resp: 26938
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.0 27.0
 139 14.7 10.3 15.5



#82
 Pyrene
 Concen: 53.149 ng/ul
 RT: 20.128 min Scan# 2824
 Delta R.T. 0.003 min
 Lab File: BG057253.D
 Acq: 1 May 2023 16:06

Tgt Ion:202 Resp: 313322
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.7 8.5
 100 5.8 6.0 9.0#

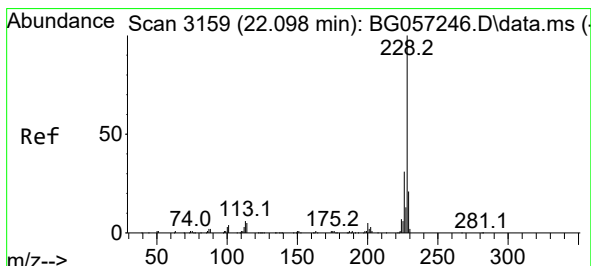
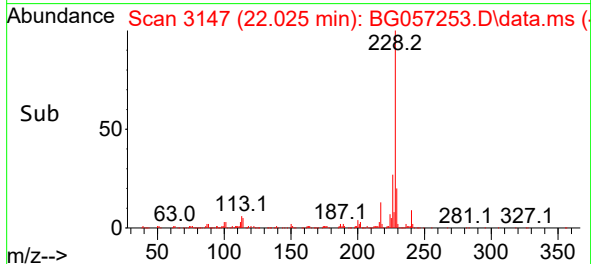
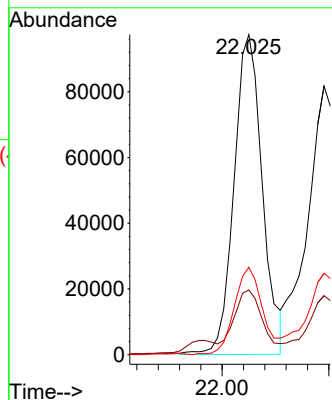
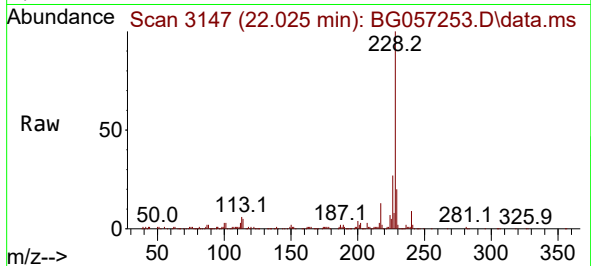




#85
Benzo(a)anthracene
Concen: 30.663 ng/ul
RT: 22.025 min Scan# 3147
Delta R.T. -0.002 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

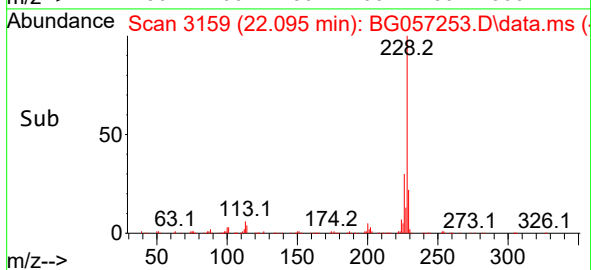
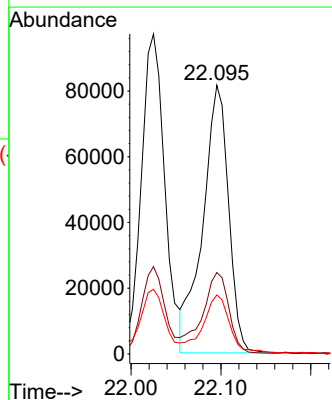
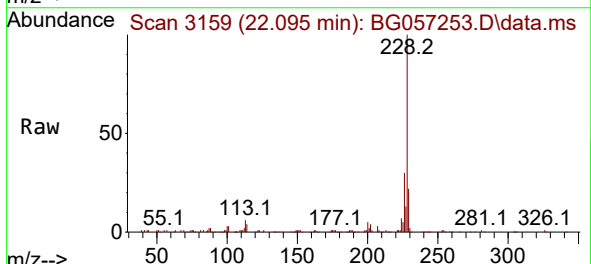
Instrument :
BNA_G
ClientSampleId :
EW901

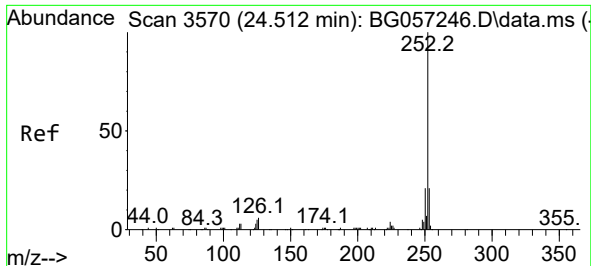
Tgt Ion:228 Resp: 179104
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 27.3 21.7 32.5



#87
Chrysene
Concen: 29.546 ng/ul
RT: 22.095 min Scan# 3159
Delta R.T. -0.002 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

Tgt Ion:228 Resp: 162822
Ion Ratio Lower Upper
228 100
226 30.3 22.8 34.2
229 22.0 15.5 23.3

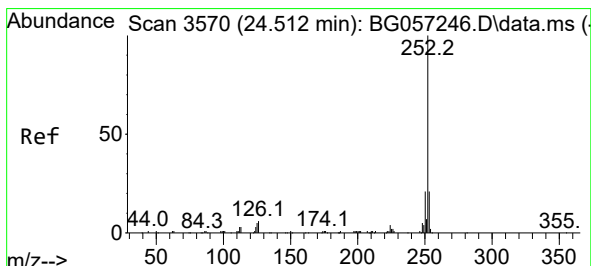
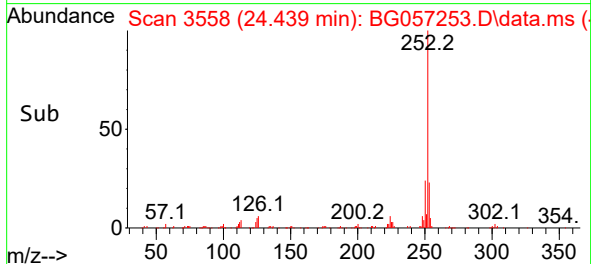
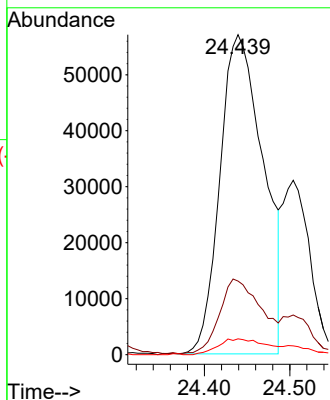
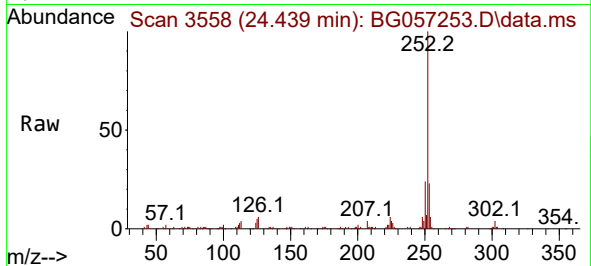




#90
Benzo(b)fluoranthene
Concen: 32.569 ng/ul
RT: 24.439 min Scan# 3558
Delta R.T. 0.003 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

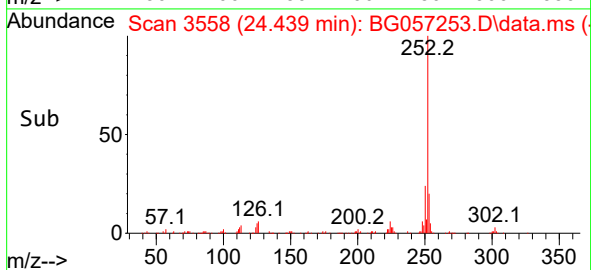
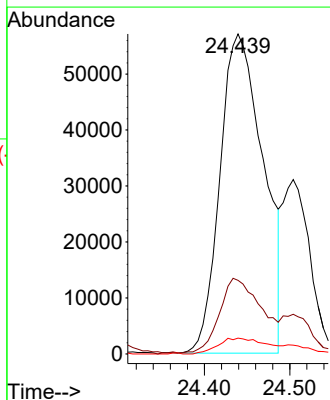
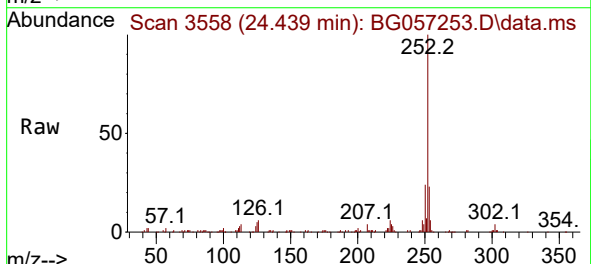
Instrument :
BNA_G
ClientSampleId :
EW901

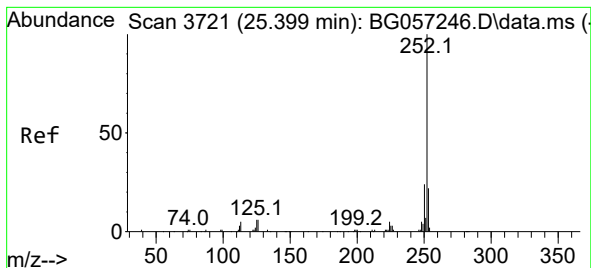
Tgt Ion:252 Resp: 201553
Ion Ratio Lower Upper
252 100
253 23.0 16.7 25.1
125 5.0 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 33.477 ng/ul
RT: 24.439 min Scan# 3558
Delta R.T. -0.073 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

Tgt Ion:252 Resp: 201553
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 5.0 4.5 6.7





#93

Benzo(a)pyrene

Concen: 16.149 ng/ul

RT: 25.238 min Scan# 3

Delta R.T. -0.161 min

Lab File: BG057253.D

Acq: 1 May 2023 16:06

Instrument :

BNA_G

ClientSampleId :

EW901

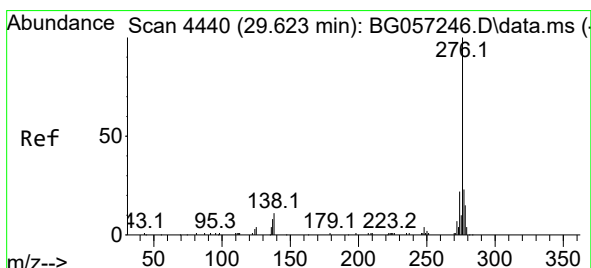
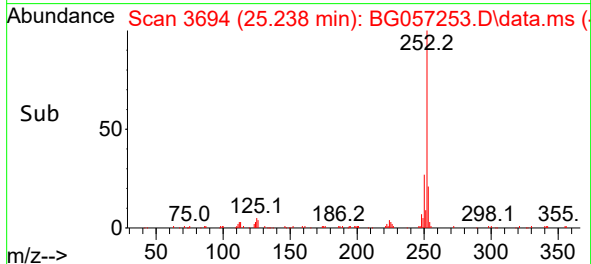
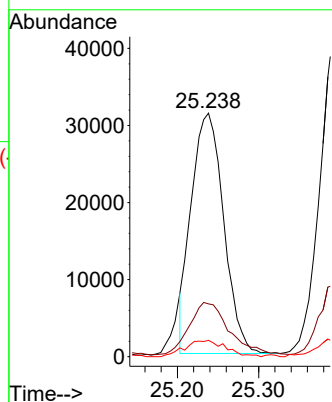
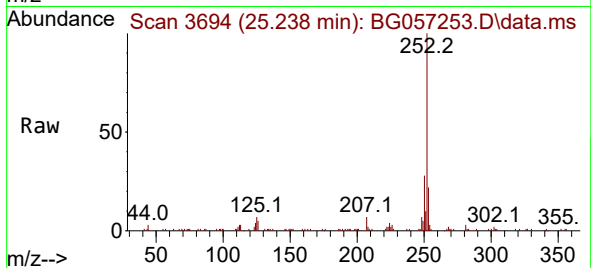
Tgt Ion:252 Resp: 86277

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 6.7 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 13.088 ng/ul

RT: 29.621 min Scan# 4440

Delta R.T. -0.002 min

Lab File: BG057253.D

Acq: 1 May 2023 16:06

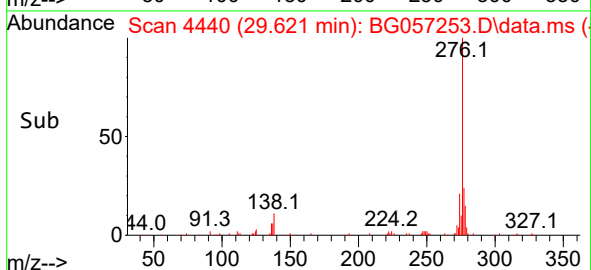
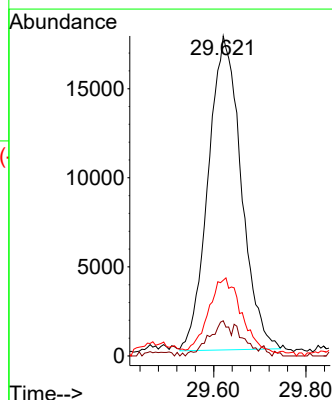
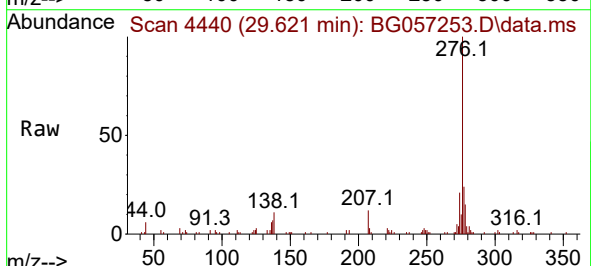
Tgt Ion:276 Resp: 87405

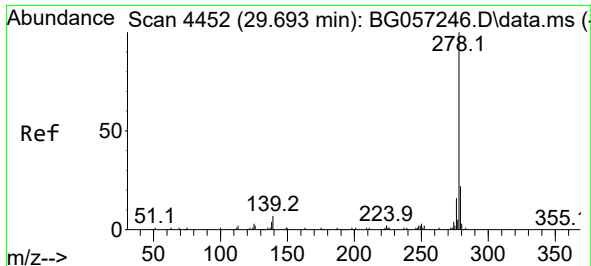
Ion Ratio Lower Upper

276 100

138 11.0 9.4 14.2

277 23.6 18.6 28.0

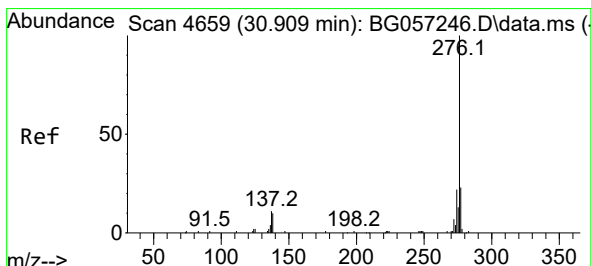
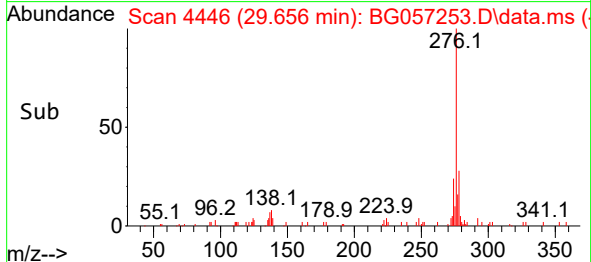
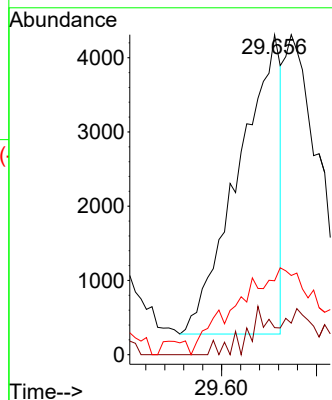
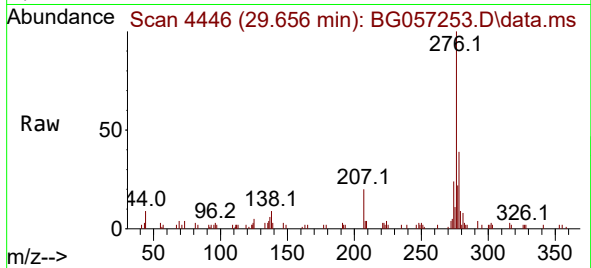




#95
Dibenzo(a,h)anthracene
Concen: 2.245 ng/ul
RT: 29.656 min Scan# 4446
Delta R.T. -0.038 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

Instrument :
BNA_G
ClientSampleId :
EW901

Tgt Ion:278 Resp: 12433
Ion Ratio Lower Upper
278 100
139 8.5 5.8 8.6
279 23.1 18.3 27.5



#96
Benzo(g,h,i)perylene
Concen: 6.723 ng/ul
RT: 30.895 min Scan# 4657
Delta R.T. -0.014 min
Lab File: BG057253.D
Acq: 1 May 2023 16:06

Tgt Ion:276 Resp: 36339
Ion Ratio Lower Upper
276 100
138 9.0 8.7 13.1
277 22.7 18.4 27.6

