

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058388.D
 Acq On : 21 Jul 2023 15:16
 Operator : CG/JU
 Sample : 03504-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 21 22:17:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

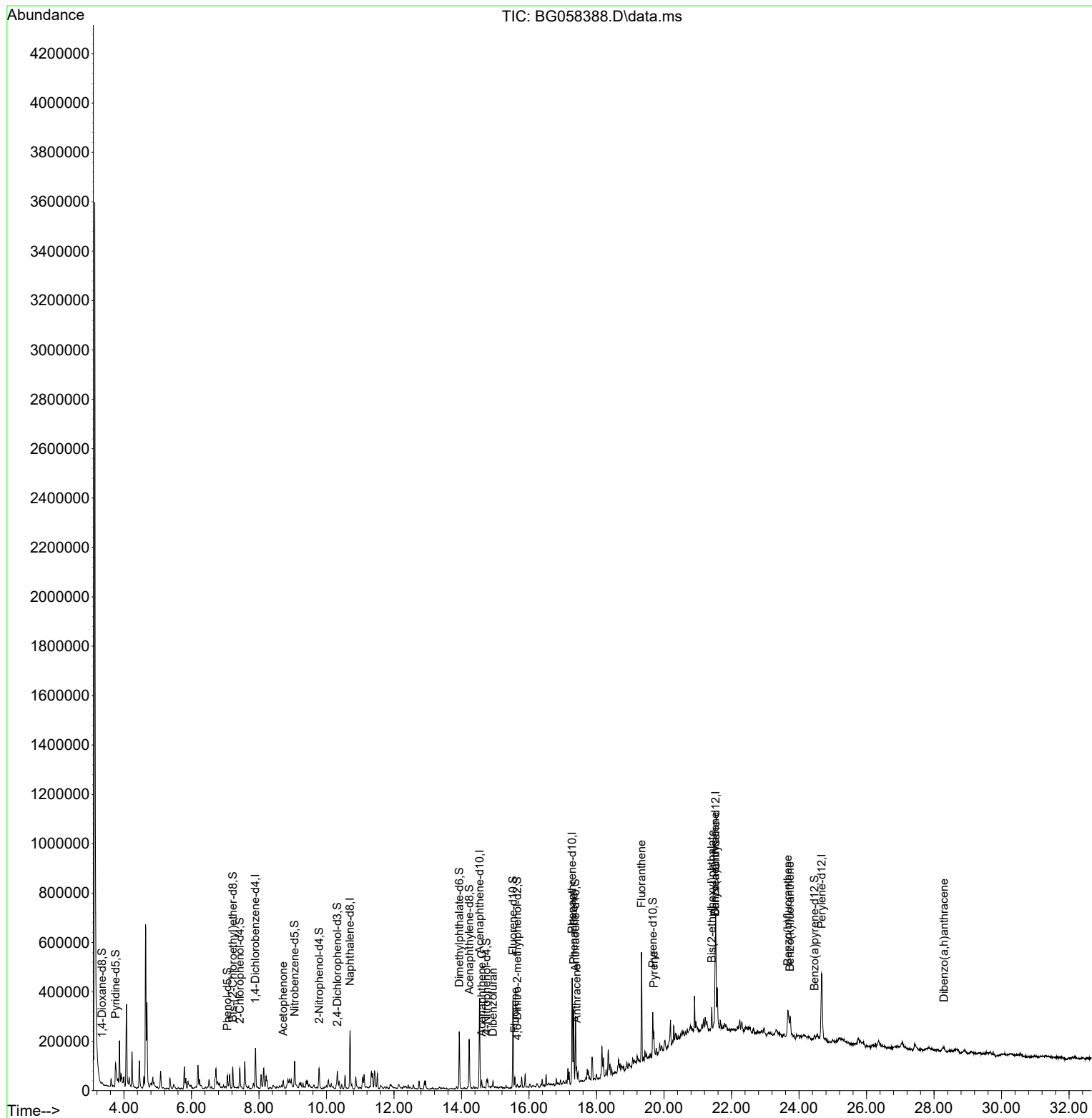
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	47033	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	194615	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	127635	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	276603	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	221318	20.000	ng/u1	0.00
88) Perylene-d12	24.668	264	280658	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	3506	2.744	ng/uL	0.00
4) Pyridine-d5	3.752	84	49291	12.996	ng/u1	0.00
7) Phenol-d5	7.066	99	33901	7.598	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	43604	15.636	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	37796	12.102	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	2900	0.852	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	24589	16.856	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	25070	15.742	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	24261	7.947	ng/u1	0.00
31) 4-Chloroaniline-d4	10.844	131	1038	0.235	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	157532	16.006	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	135850	13.171	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	13612	9.158	ng/u1	0.00
60) Fluorene-d10	15.526	176	141391	17.352	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	3101	2.200	ng/u1	0.00
73) Anthracene-d10	17.377	188	157437	13.173	ng/u1	0.00
81) Pyrene-d10	19.668	212	50189	3.839	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.457	264	20267	1.494	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.717	105	16223	2.799	ng/u1	99
52) Acenaphthene	14.598	153	11353	1.469	ng/u1	96
56) Dibenzofuran	14.933	168	12603	1.145	ng/u1	97
61) Fluorene	15.579	166	16910	1.873	ng/u1	89
72) Phenanthrene	17.324	178	190320	14.479	ng/u1	99
74) Anthracene	17.412	178	38725	2.935	ng/u1	95
80) Fluoranthene	19.334	202	275170	18.375	ng/u1	98
82) Pyrene	19.698	202	64195	4.231	ng/u1	99
85) Benzo(a)anthracene	21.513	228	143640	9.656	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.413	149	24929	2.933	ng/u1#	97
87) Chrysene	21.513	228	142385	10.091	ng/u1	96
90) Benzo(b)fluoranthene	23.670	252	111731	6.881	ng/u1#	93
91) Benzo(k)fluoranthene	23.734	252	51518	3.181	ng/u1#	90
95) Dibenzo(a,h)anthracene	28.294	278	17203	1.102	ng/u1#	75

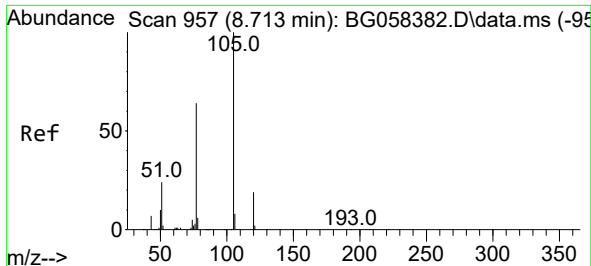
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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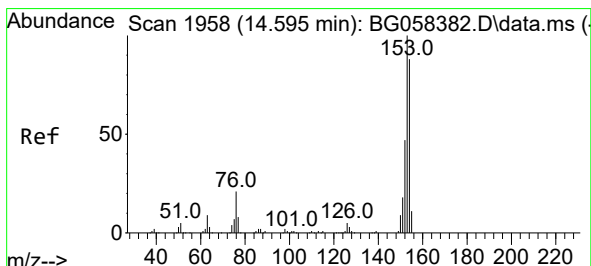
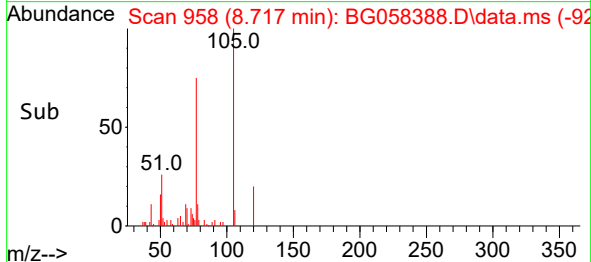
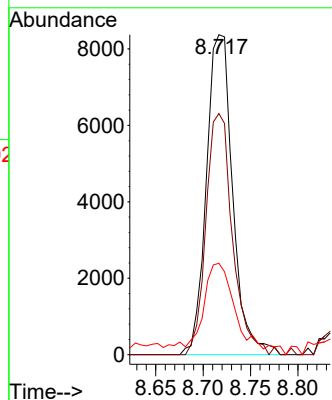
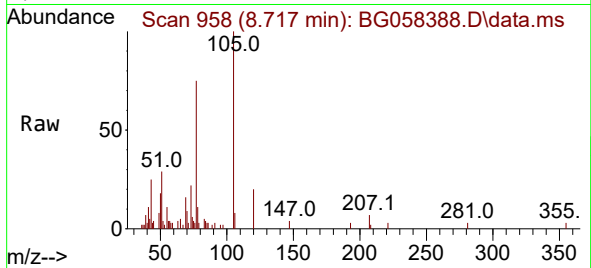




#16
Acetophenone
Concen: 2.799 ng/ul
RT: 8.717 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058388.D
Acq: 21 Jul 2023 15:16

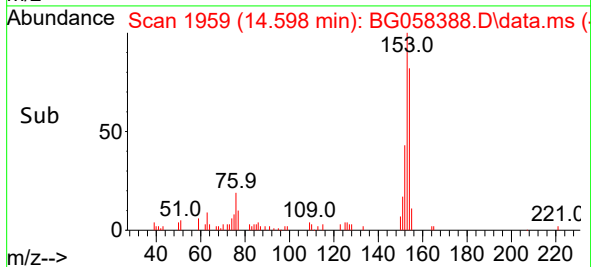
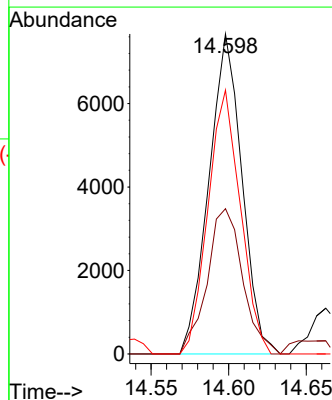
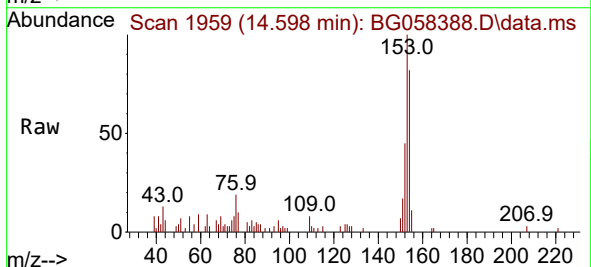
Instrument :
BNA_G
ClientSampleId :

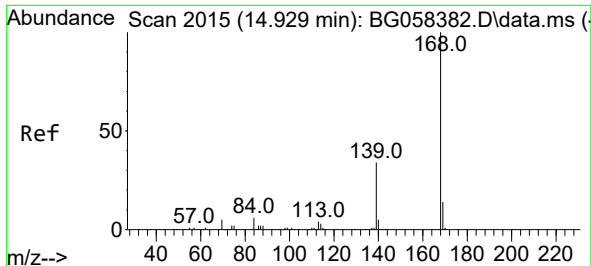
Tgt Ion:105 Resp: 16223
Ion Ratio Lower Upper
105 100
77 75.4 60.7 91.1
51 28.5 23.5 35.3



#52
Acenaphthene
Concen: 1.469 ng/ul
RT: 14.598 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BG058388.D
Acq: 21 Jul 2023 15:16

Tgt Ion:153 Resp: 11353
Ion Ratio Lower Upper
153 100
152 45.4 39.1 58.7
154 82.5 68.7 103.1

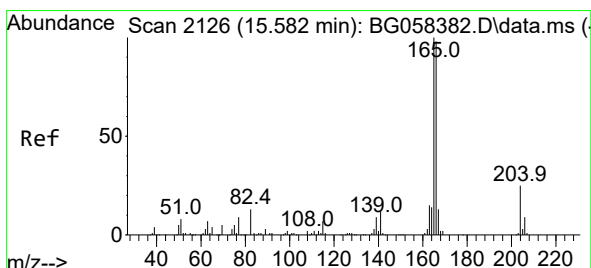
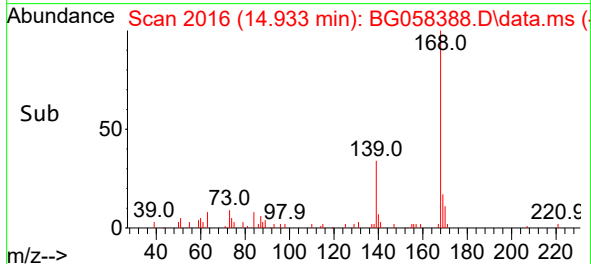
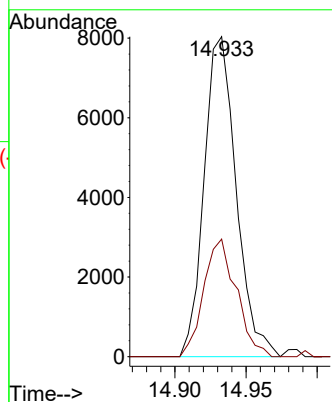
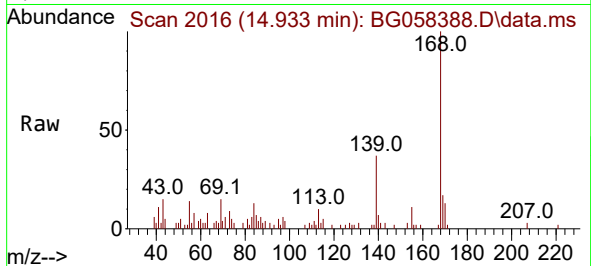




#56
Dibenzofuran
Concen: 1.145 ng/ul
RT: 14.933 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BG058388.D
Acq: 21 Jul 2023 15:16

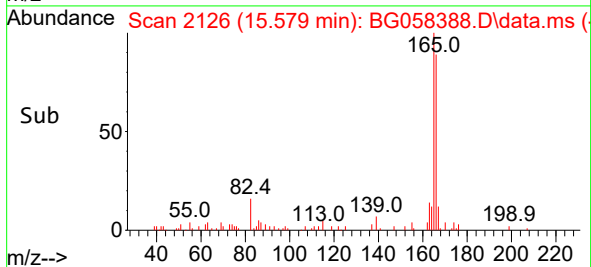
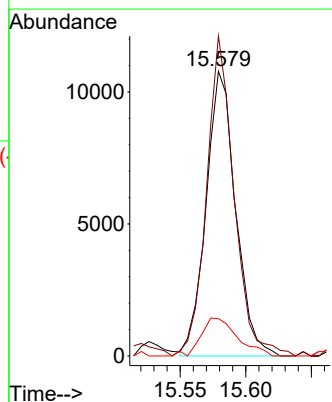
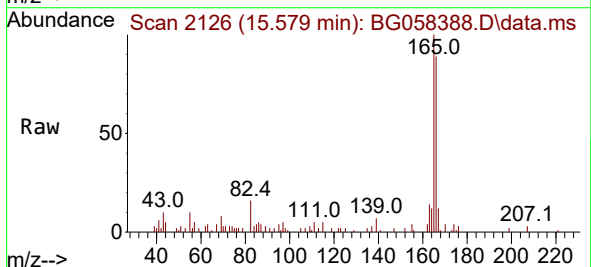
Instrument :
BNA_G
ClientSampleId :

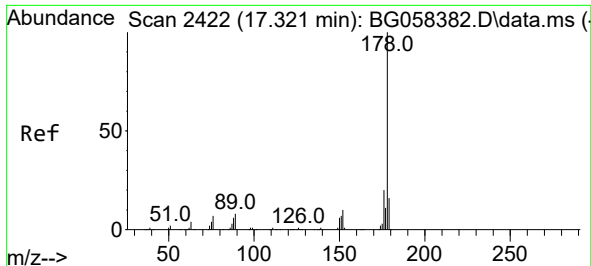
Tgt Ion:168 Resp: 12603
Ion Ratio Lower Upper
168 100
139 36.8 27.8 41.8



#61
Fluorene
Concen: 1.873 ng/ul
RT: 15.579 min Scan# 2126
Delta R.T. -0.005 min
Lab File: BG058388.D
Acq: 21 Jul 2023 15:16

Tgt Ion:166 Resp: 16910
Ion Ratio Lower Upper
166 100
165 112.4 80.2 120.2
167 13.1 10.5 15.7

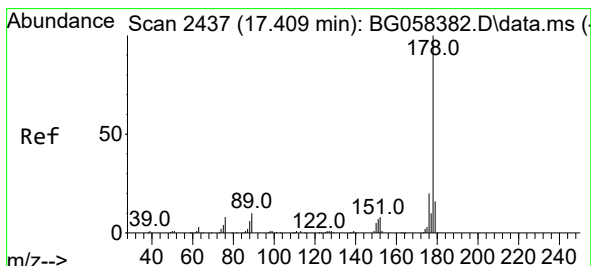
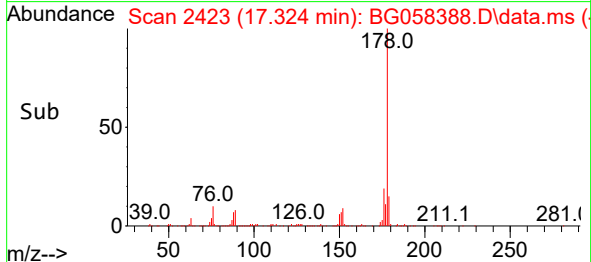
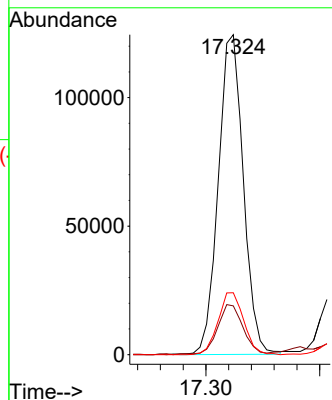
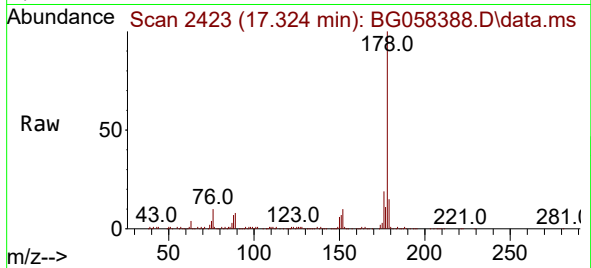




#72
Phenanthrene
Concen: 14.479 ng/ul
RT: 17.324 min Scan# 2422
Delta R.T. 0.001 min
Lab File: BG058388.D
Acq: 21 Jul 2023 15:16

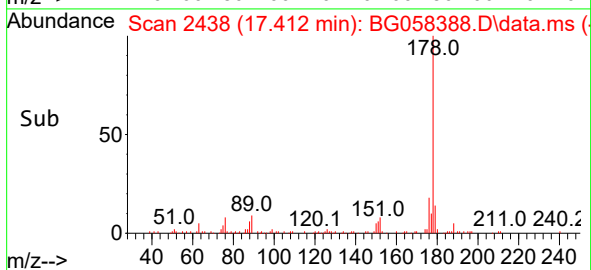
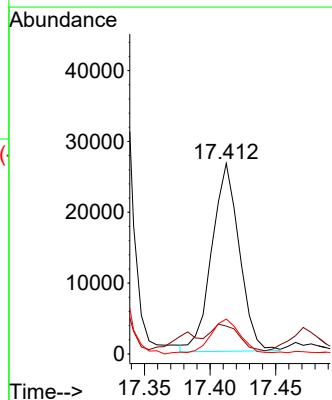
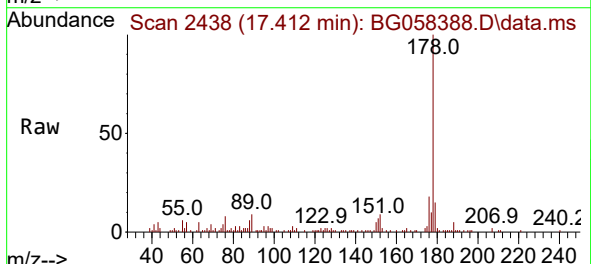
Instrument :
BNA_G
ClientSampleId :

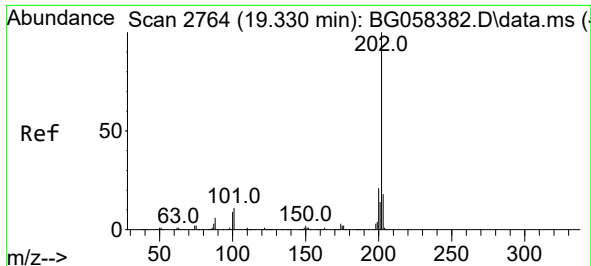
Tgt Ion:178 Resp: 190320
Ion Ratio Lower Upper
178 100
179 15.3 11.9 17.9
176 19.3 15.8 23.8



#74
Anthracene
Concen: 2.935 ng/ul
RT: 17.412 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BG058388.D
Acq: 21 Jul 2023 15:16

Tgt Ion:178 Resp: 38725
Ion Ratio Lower Upper
178 100
179 14.6 13.4 20.2
176 18.3 16.2 24.2

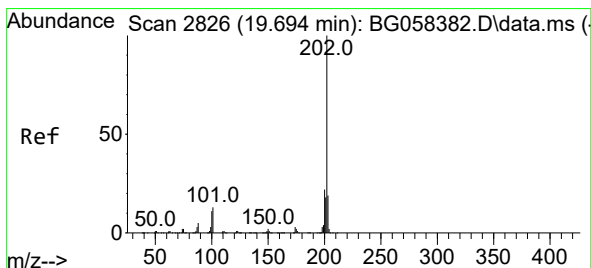
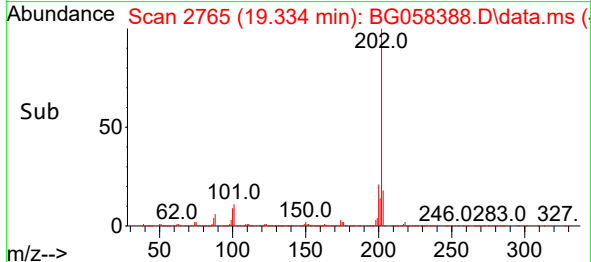
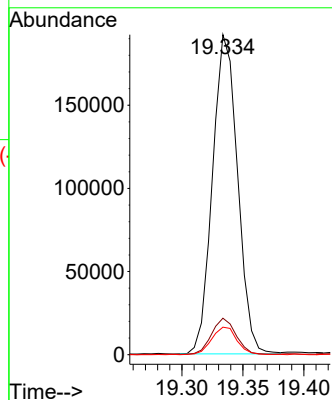
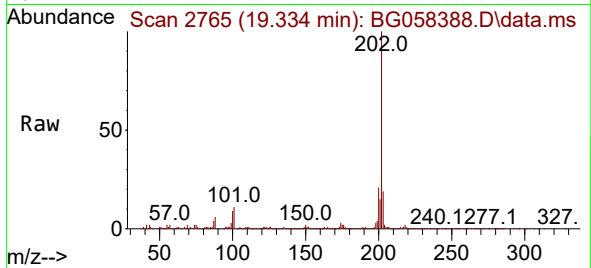




#80
Fluoranthene
Concen: 18.375 ng/ul
RT: 19.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058388.D
Acq: 21 Jul 2023 15:16

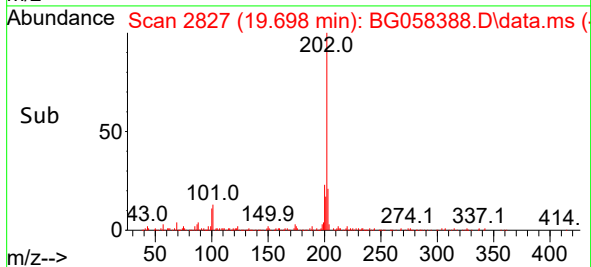
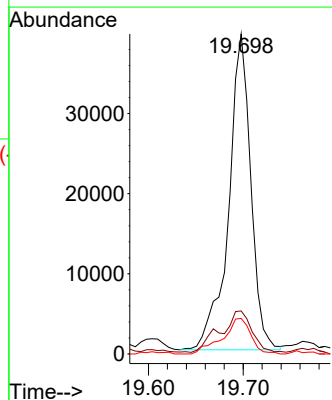
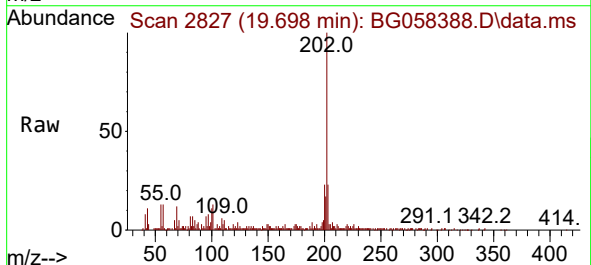
Instrument :
BNA_G
ClientSampleId :

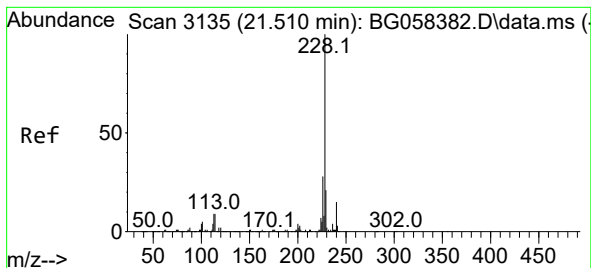
Tgt Ion:202 Resp: 275170
Ion Ratio Lower Upper
202 100
101 11.4 8.6 12.8
100 8.6 7.2 10.8



#82
Pyrene
Concen: 4.231 ng/ul
RT: 19.698 min Scan# 2827
Delta R.T. 0.001 min
Lab File: BG058388.D
Acq: 21 Jul 2023 15:16

Tgt Ion:202 Resp: 64195
Ion Ratio Lower Upper
202 100
101 13.4 10.2 15.2
100 11.1 8.9 13.3





#85

Benzo(a)anthracene

Concen: 9.656 ng/ul

RT: 21.513 min Scan# 3135

Delta R.T. 0.001 min

Lab File: BG058388.D

Acq: 21 Jul 2023 15:16

Instrument :

BNA_G

ClientSampleId :

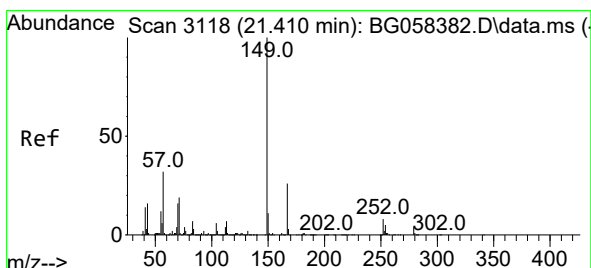
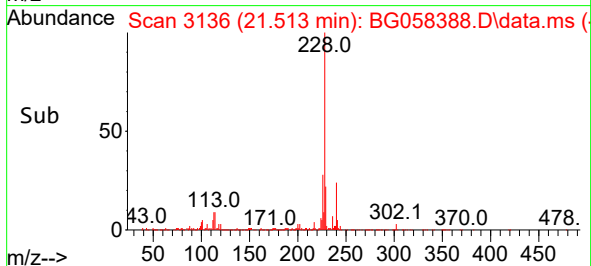
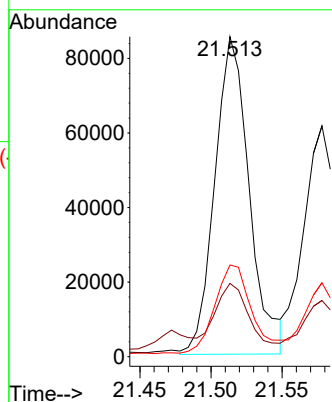
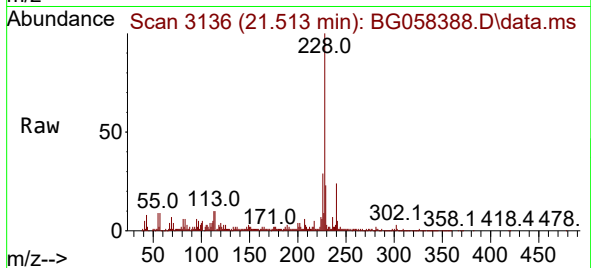
Tgt Ion:228 Resp: 143640

Ion Ratio Lower Upper

228 100

229 22.9 15.7 23.5

226 28.7 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.933 ng/ul

RT: 21.413 min Scan# 3119

Delta R.T. 0.001 min

Lab File: BG058388.D

Acq: 21 Jul 2023 15:16

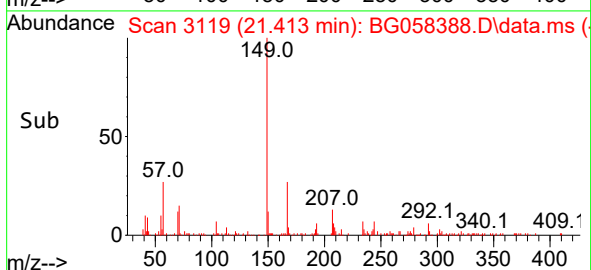
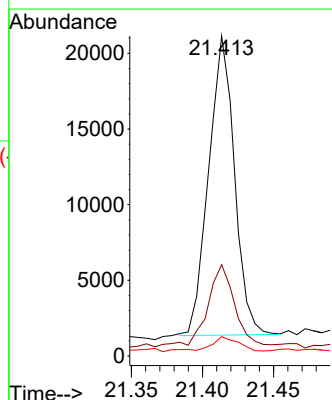
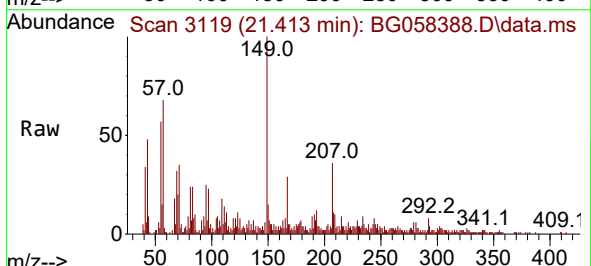
Tgt Ion:149 Resp: 24929

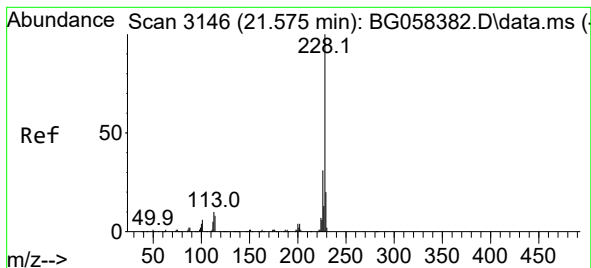
Ion Ratio Lower Upper

149 100

167 28.5 21.6 32.4

279 6.1 3.0 4.4#





#87

Chrysene

Concen: 10.091 ng/ul

RT: 21.513 min Scan# 31

Delta R.T. -0.064 min

Lab File: BG058388.D

Acq: 21 Jul 2023 15:16

Instrument :

BNA_G

ClientSampleId :

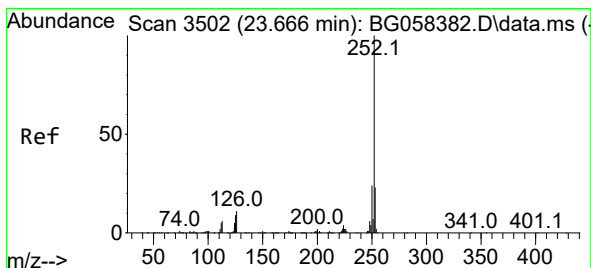
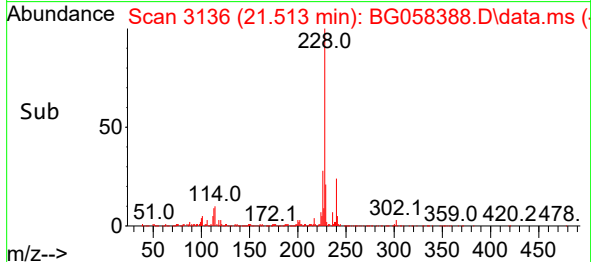
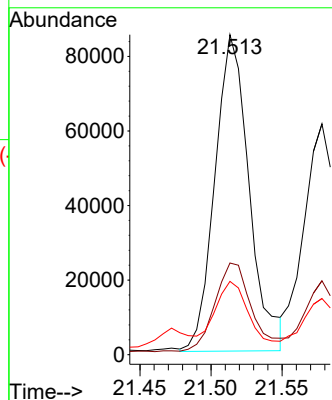
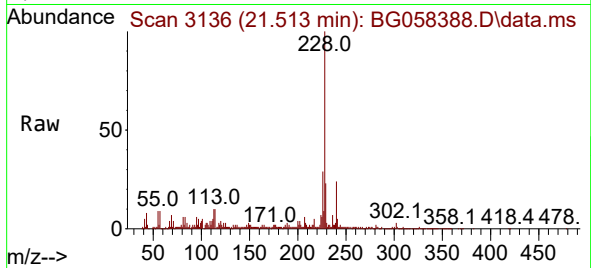
Tgt Ion:228 Resp: 142385

Ion Ratio Lower Upper

228 100

226 28.7 24.0 36.0

229 22.9 15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 6.881 ng/ul

RT: 23.670 min Scan# 3503

Delta R.T. 0.001 min

Lab File: BG058388.D

Acq: 21 Jul 2023 15:16

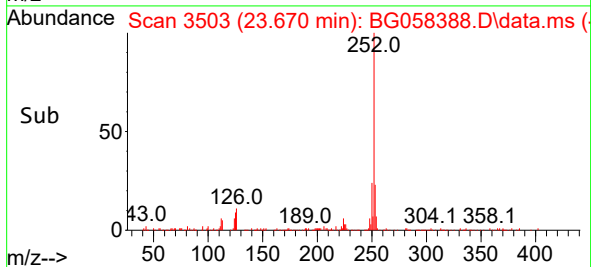
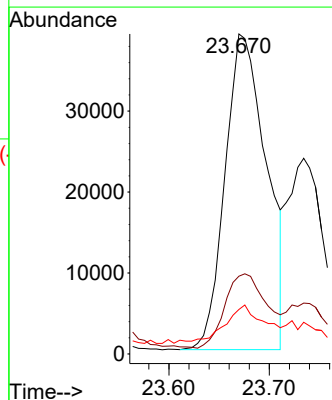
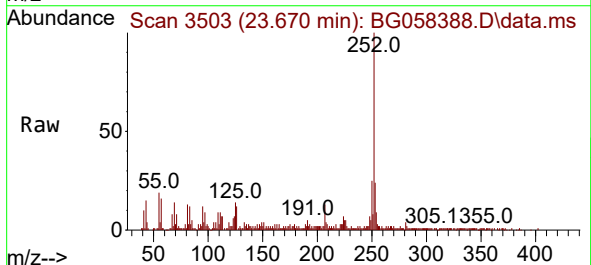
Tgt Ion:252 Resp: 111731

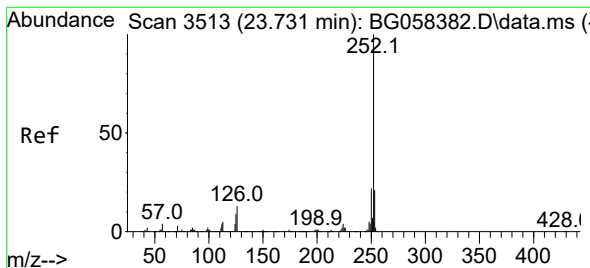
Ion Ratio Lower Upper

252 100

253 24.3 17.9 26.9

125 13.9 6.7 10.1#





#91

Benzo(k)fluoranthene

Concen: 3.181 ng/ul

RT: 23.734 min Scan# 3513

Delta R.T. 0.001 min

Lab File: BG058388.D

Acq: 21 Jul 2023 15:16

Instrument :

BNA_G

ClientSampleId :

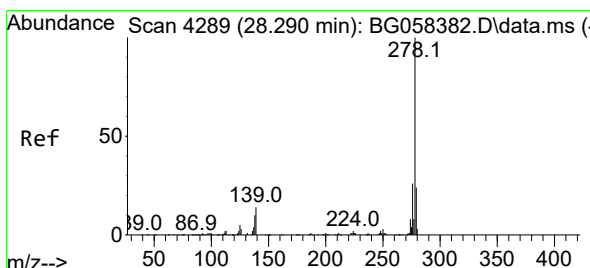
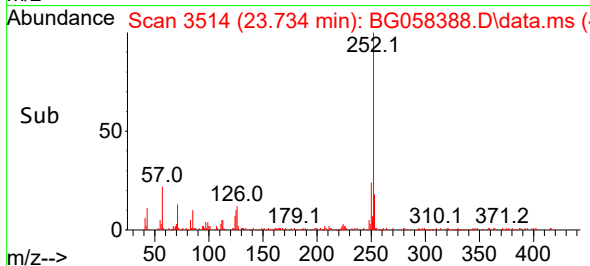
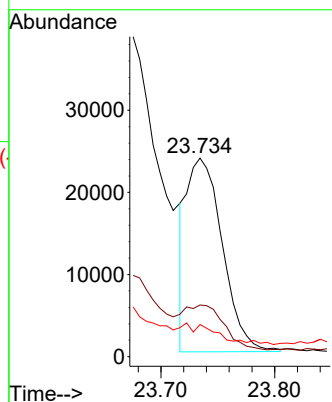
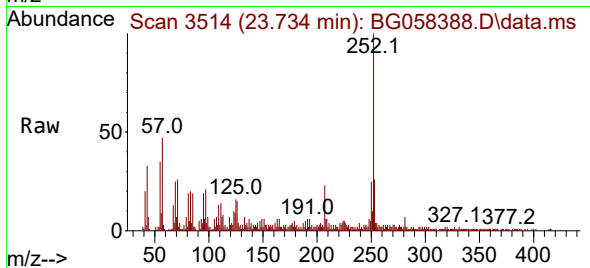
Tgt Ion:252 Resp: 51518

Ion Ratio Lower Upper

252 100

253 26.0 18.3 27.5

125 16.2 7.4 11.0#



#95

Dibenzo(a,h)anthracene

Concen: 1.102 ng/ul

RT: 28.294 min Scan# 4290

Delta R.T. 0.001 min

Lab File: BG058388.D

Acq: 21 Jul 2023 15:16

Tgt Ion:278 Resp: 17203

Ion Ratio Lower Upper

278 100

139 26.9 10.4 15.6#

279 32.5 18.4 27.6#

