

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058386.D
 Acq On : 21 Jul 2023 13:53
 Operator : CG/JU
 Sample : 03504-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 21 22:16:40 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)

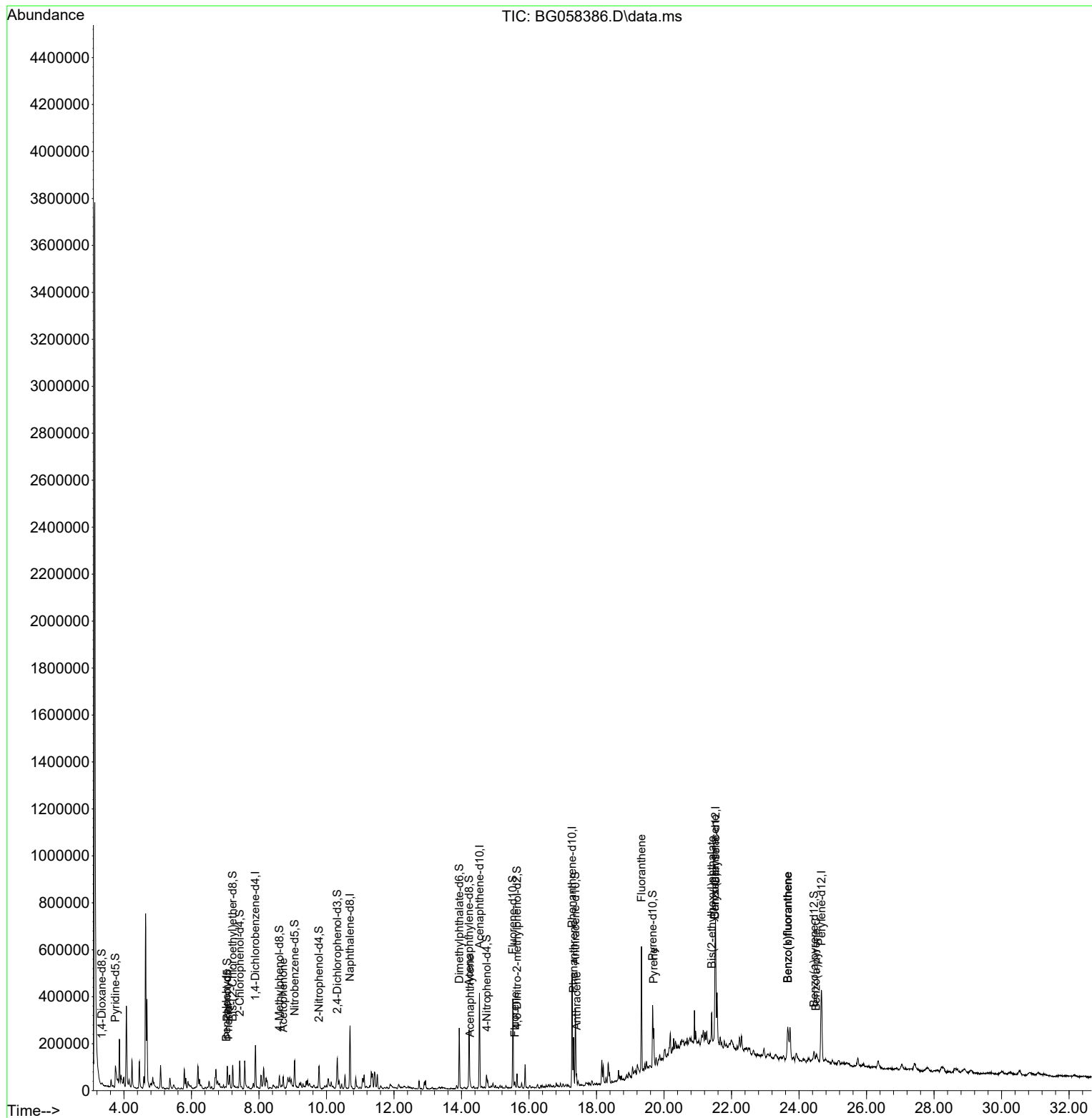
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	52325	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	221173	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	143515	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.276	188	316811	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240	254873	20.000	ng/ul	0.00
88) Perylene-d12	24.662	264	317073	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3645	2.564	ng/uL	0.00
4) Pyridine-d5	3.745	84	38726	9.178	ng/ul	0.00
7) Phenol-d5	7.059	99	60678	12.224	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67	49106	15.828	ng/ul	0.00
11) 2-Chlorophenol-d4	7.429	132	54588	15.711	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	21257	5.614	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	27184	16.397	ng/ul	0.00
24) 2-Nitrophenol-d4	9.773	143	30435	16.816	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	48244	13.905	ng/ul	0.00
31) 4-Chloroaniline-d4	10.860	131	401	0.080	ng/ul	0.02
46) Dimethylphthalate-d6	13.933	166	173007	15.633	ng/ul	0.00
49) Acenaphthylene-d8	14.221	160	174040	15.007	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.744	143	17593	10.526	ng/ul	0.00
60) Fluorene-d10	15.520	176	154864	16.902	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	12951	8.024	ng/ul	0.00
73) Anthracene-d10	17.376	188	205816	15.035	ng/ul	0.00
81) Pyrene-d10	19.662	212	102950	6.839	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.444	264	49468	3.228	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.035	77	2453	1.224	ng/ul	88
8) Phenol	7.088	94	6026	1.169	ng/ul	98
16) Acetophenone	8.716	105	25189	3.907	ng/ul	98
50) Acenaphthylene	14.256	152	18439	1.473	ng/ul	95
61) Fluorene	15.578	166	10815	1.066	ng/ul	94
72) Phenanthrene	17.317	178	129951	8.631	ng/ul	98
74) Anthracene	17.412	178	31541	2.087	ng/ul	97
80) Fluoranthene	19.333	202	338461	19.626	ng/ul	100
82) Pyrene	19.691	202	103827	5.942	ng/ul	98
85) Benzo(a)anthracene	21.507	228	168041	9.809	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.413	149	47546	4.858	ng/ul	100
87) Chrysene	21.507	228	167836	10.329	ng/ul	96
90) Benzo(b)fluoranthene	23.669	252	173474	9.456	ng/ul	99
91) Benzo(k)fluoranthene	23.669	252	173474	9.481	ng/ul	99
93) Benzo(a)pyrene	24.503	252	20907	1.281	ng/ul#	87

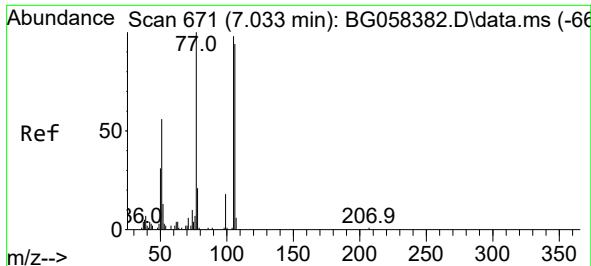
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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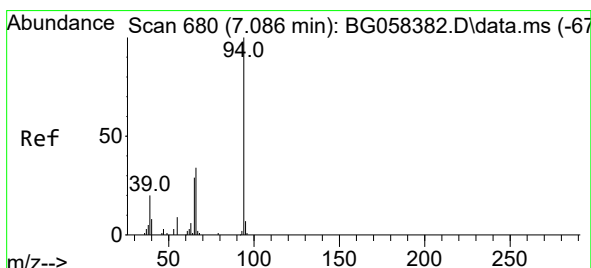
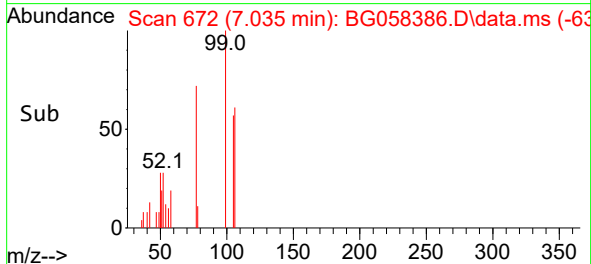
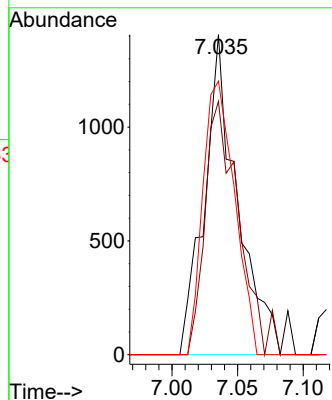
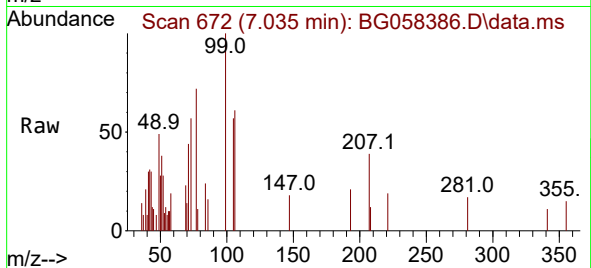




#6
Benzaldehyde
Concen: 1.224 ng/ul
RT: 7.035 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

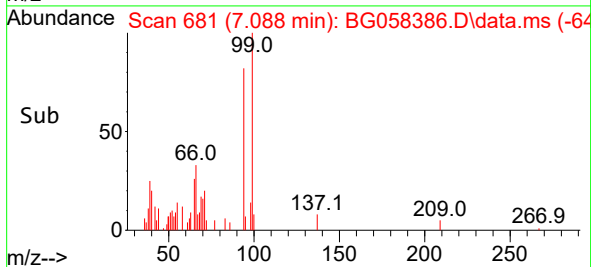
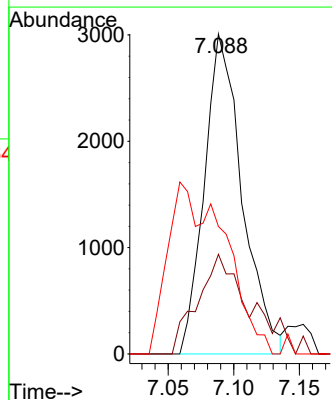
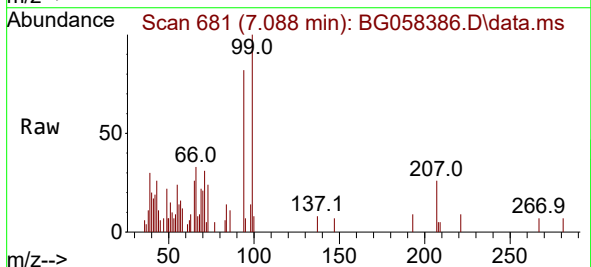
Instrument :
BNA_G
ClientSampleId :

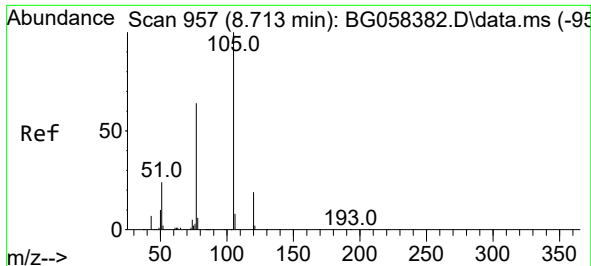
Tgt Ion: 77 Resp: 2453
Ion Ratio Lower Upper
77 100
105 79.2 78.2 117.4
106 85.5 71.6 107.4



#8
Phenol
Concen: 1.169 ng/ul
RT: 7.088 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

Tgt Ion: 94 Resp: 6026
Ion Ratio Lower Upper
94 100
65 31.2 23.8 35.8
66 39.8 31.2 46.8

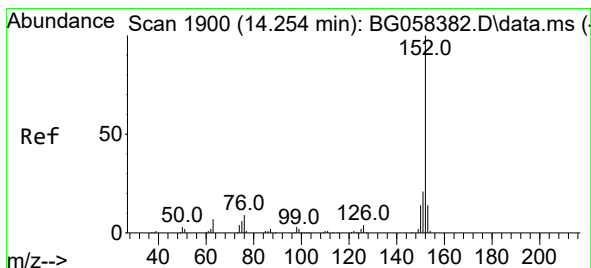
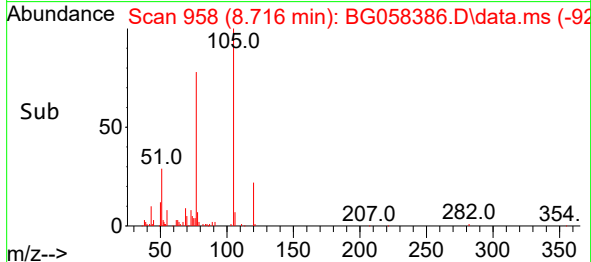
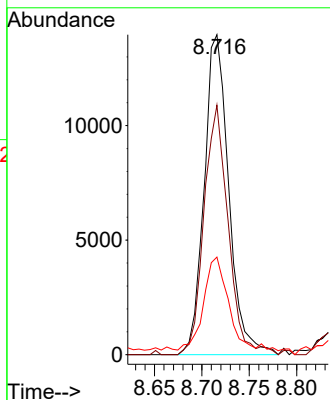
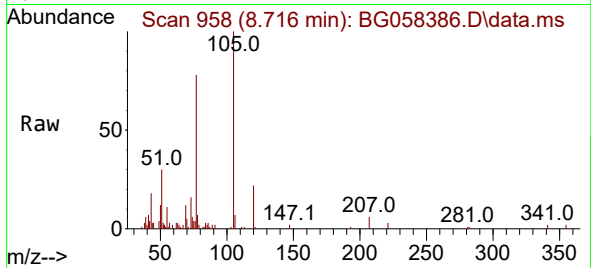




#16
Acetophenone
Concen: 3.907 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

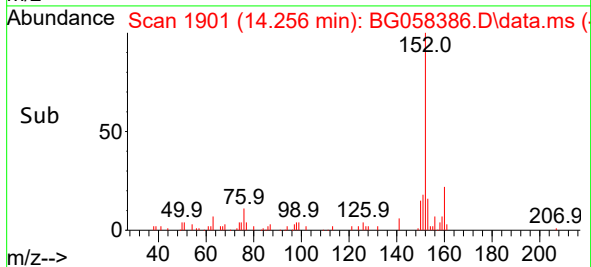
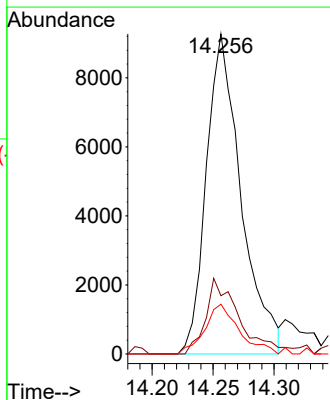
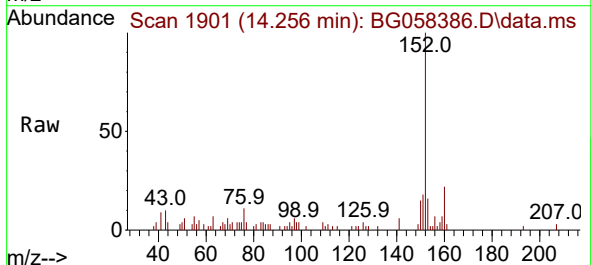
Instrument :
BNA_G
ClientSampleId :

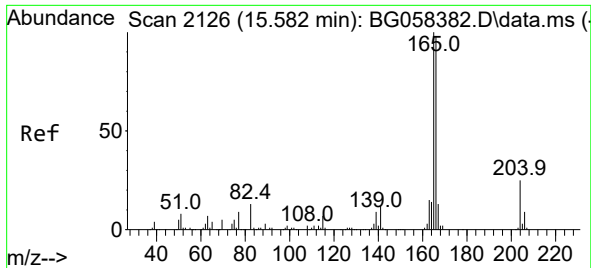
Tgt Ion:105 Resp: 25189
Ion Ratio Lower Upper
105 100
77 77.9 60.7 91.1
51 30.5 23.5 35.3



#50
Acenaphthylene
Concen: 1.473 ng/ul
RT: 14.256 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

Tgt Ion:152 Resp: 18439
Ion Ratio Lower Upper
152 100
151 18.2 16.4 24.6
153 15.5 10.6 16.0

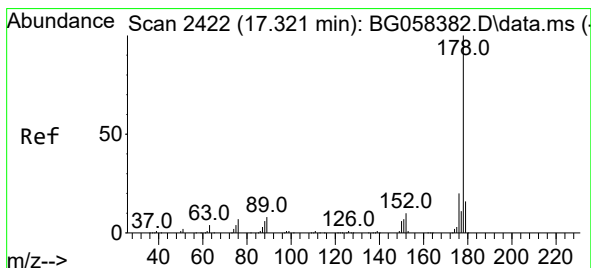
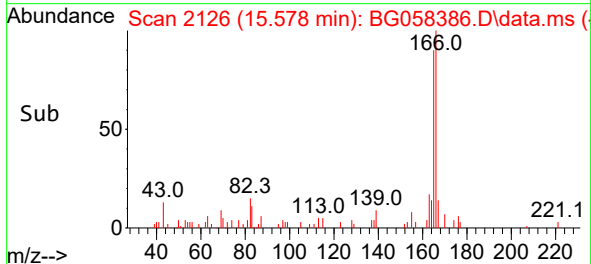
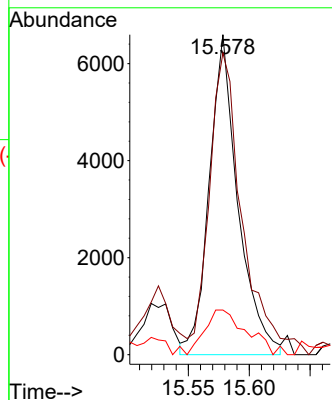
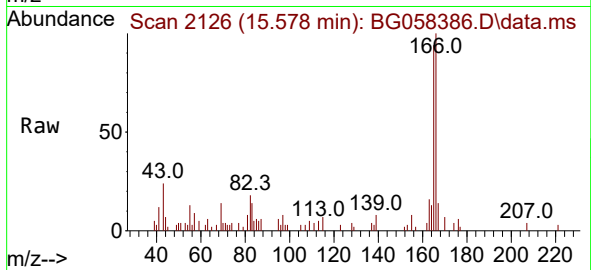




#61
Fluorene
Concen: 1.066 ng/ul
RT: 15.578 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

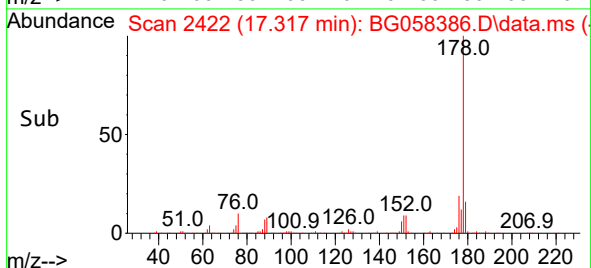
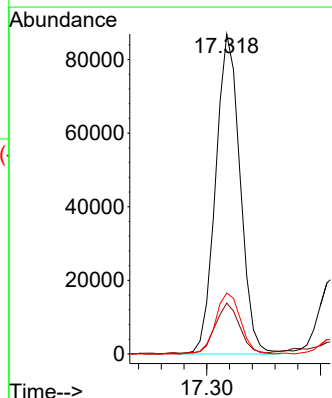
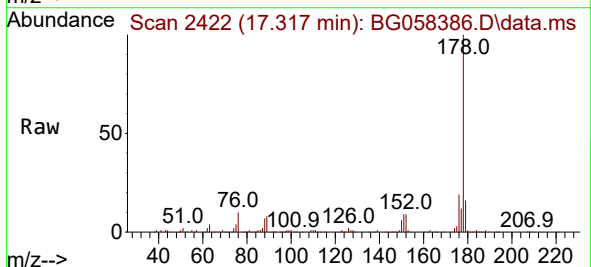
Instrument :
BNA_G
ClientSampleId :

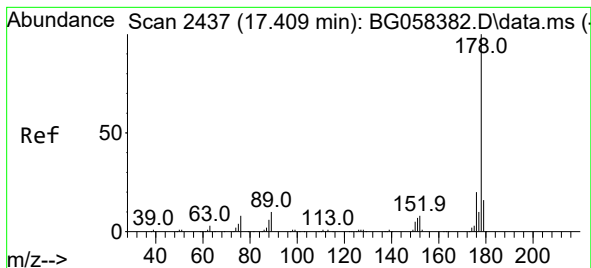
Tgt Ion:166 Resp: 10815
Ion Ratio Lower Upper
166 100
165 94.2 80.2 120.2
167 14.0 10.5 15.7



#72
Phenanthrene
Concen: 8.631 ng/ul
RT: 17.317 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

Tgt Ion:178 Resp: 129951
Ion Ratio Lower Upper
178 100
179 15.9 11.9 17.9
176 19.0 15.8 23.8





#74

Anthracene

Concen: 2.087 ng/ul

RT: 17.412 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG058386.D

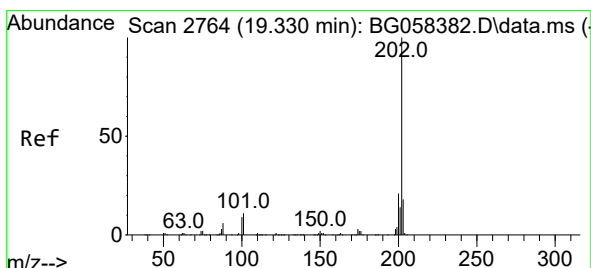
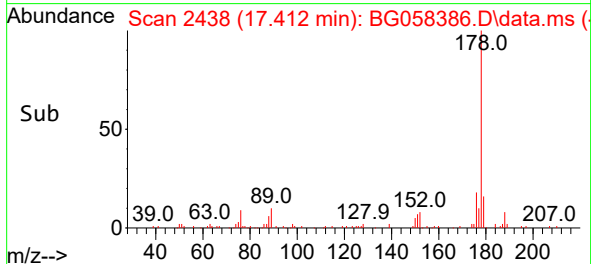
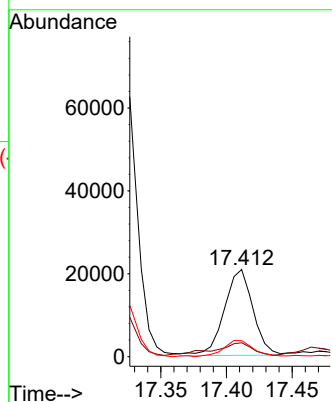
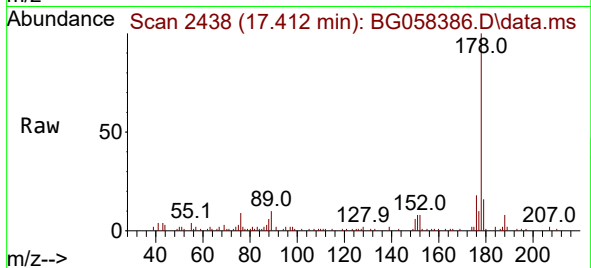
Acq: 21 Jul 2023 13:53

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:178	Resp:	31541
Ion Ratio	Lower	Upper
178	100	
179	16.0	13.4 20.2
176	18.4	16.2 24.2



#80

Fluoranthene

Concen: 19.626 ng/ul

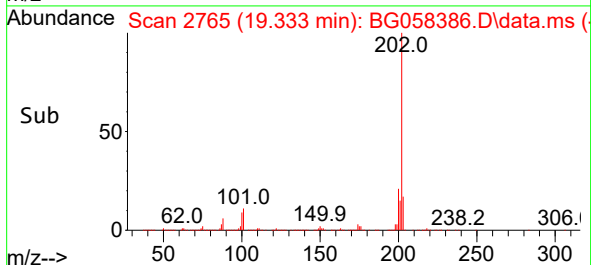
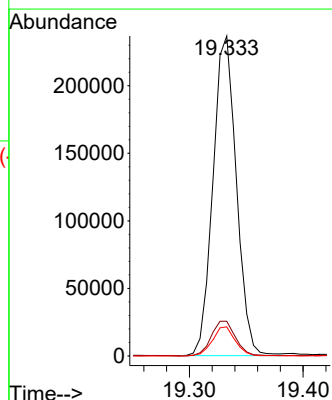
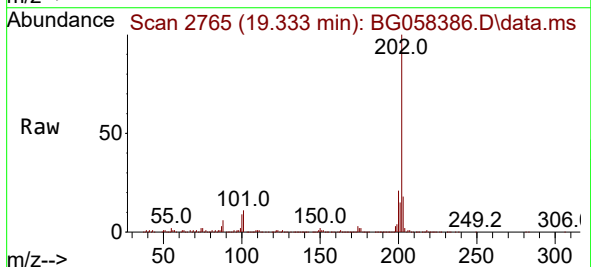
RT: 19.333 min Scan# 2765

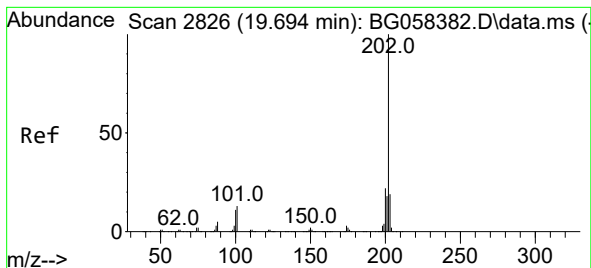
Delta R.T. 0.000 min

Lab File: BG058386.D

Acq: 21 Jul 2023 13:53

Tgt Ion:202	Resp:	338461
Ion Ratio	Lower	Upper
202	100	
101	10.9	8.6 12.8
100	9.1	7.2 10.8





#82

Pyrene

Concen: 5.942 ng/ul

RT: 19.691 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058386.D

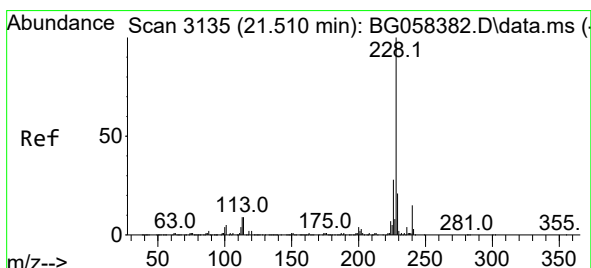
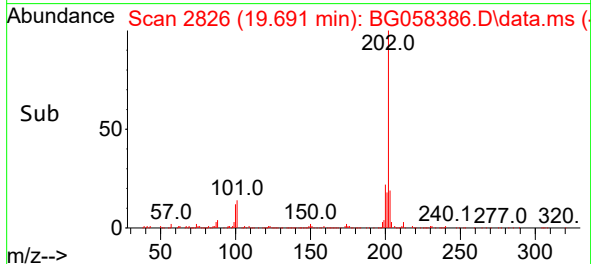
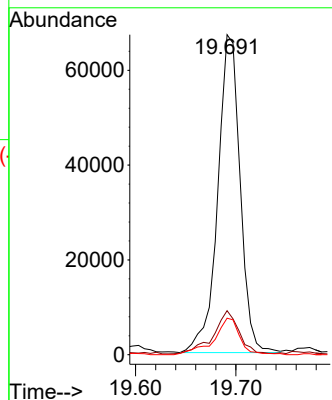
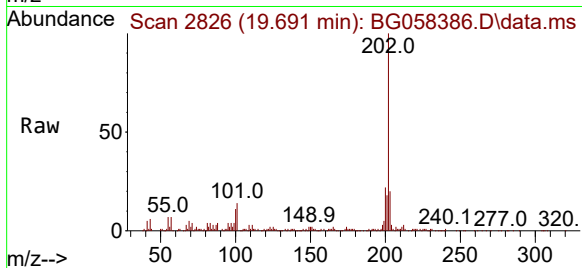
Acq: 21 Jul 2023 13:53

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	202	Resp:	103827
Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.2	15.2
100	11.4	8.9	13.3



#85

Benzo(a)anthracene

Concen: 9.809 ng/ul

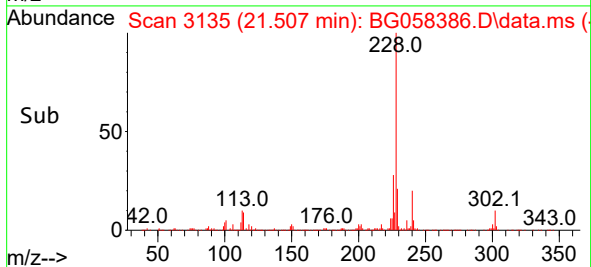
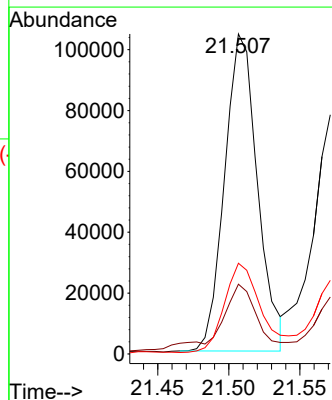
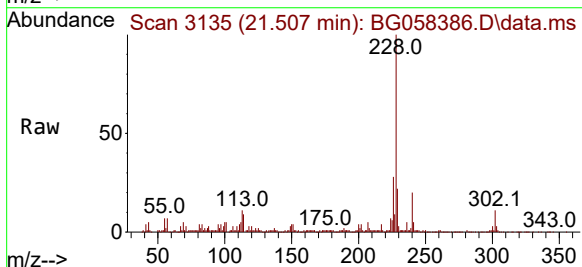
RT: 21.507 min Scan# 3135

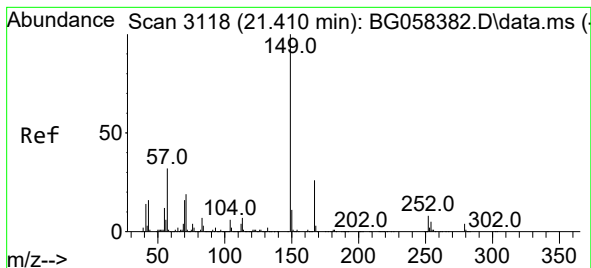
Delta R.T. -0.006 min

Lab File: BG058386.D

Acq: 21 Jul 2023 13:53

Tgt Ion:	228	Resp:	168041
Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	28.3	21.8	32.8

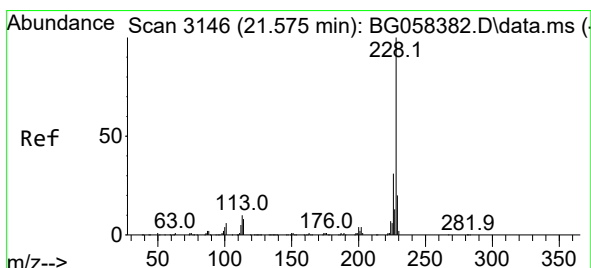
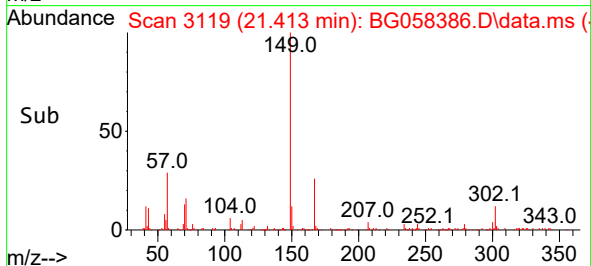
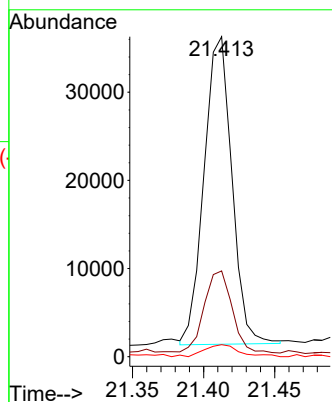
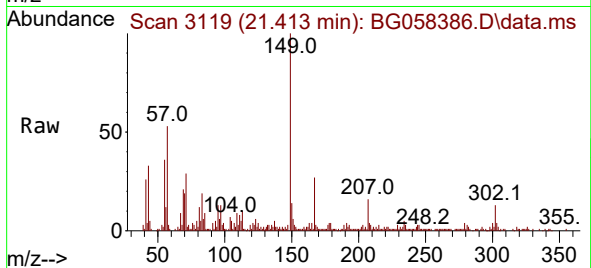




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.858 ng/ul
 RT: 21.413 min Scan# 3119
 Delta R.T. 0.000 min
 Lab File: BG058386.D
 Acq: 21 Jul 2023 13:53

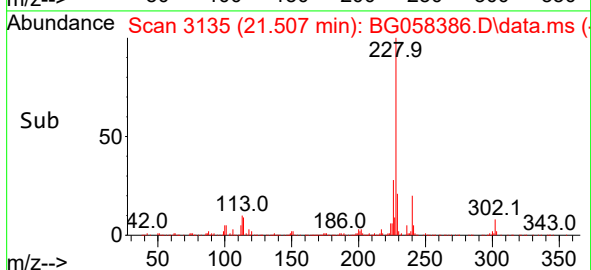
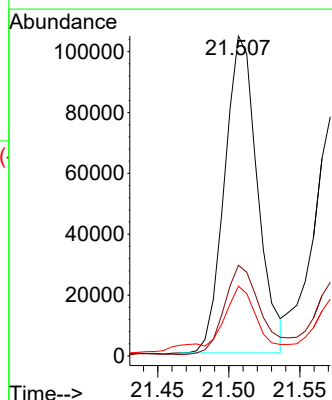
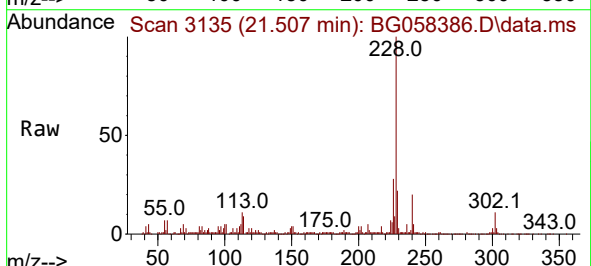
Instrument :
 BNA_G
 ClientSampleId :

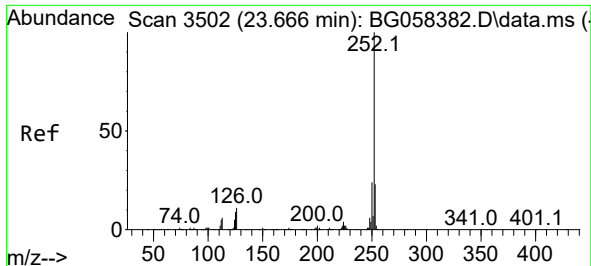
Tgt Ion:149 Resp: 47546
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.6 32.4
 279 3.8 3.0 4.4



#87
 Chrysene
 Concen: 10.329 ng/ul
 RT: 21.507 min Scan# 3135
 Delta R.T. -0.070 min
 Lab File: BG058386.D
 Acq: 21 Jul 2023 13:53

Tgt Ion:228 Resp: 167836
 Ion Ratio Lower Upper
 228 100
 226 28.3 24.0 36.0
 229 21.8 15.8 23.8

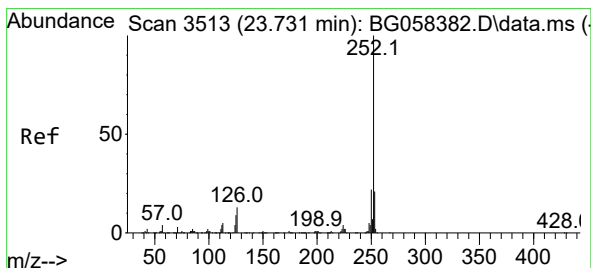
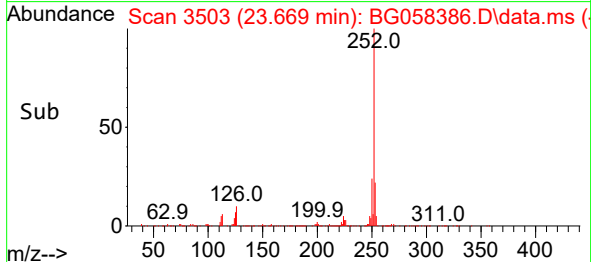
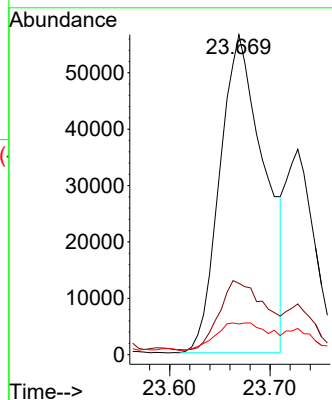
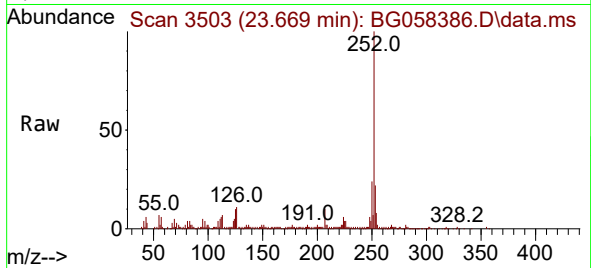




#90
Benzo(b)fluoranthene
Concen: 9.456 ng/ul
RT: 23.669 min Scan# 3503
Delta R.T. 0.000 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

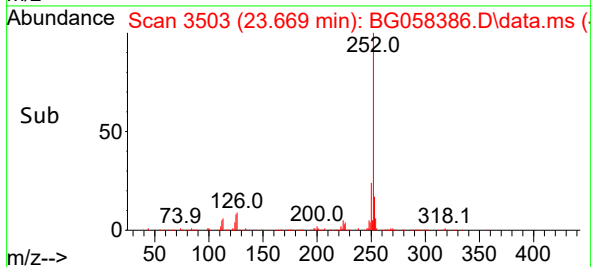
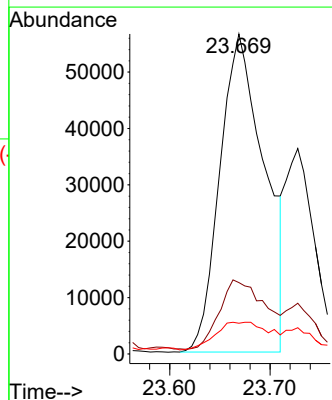
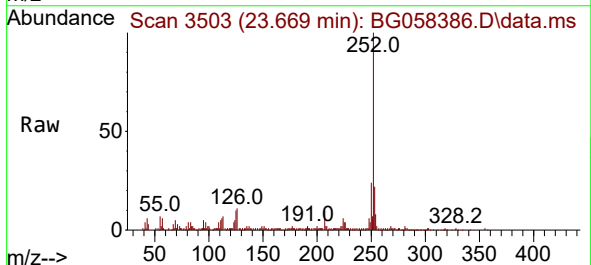
Instrument :
BNA_G
ClientSampleId :

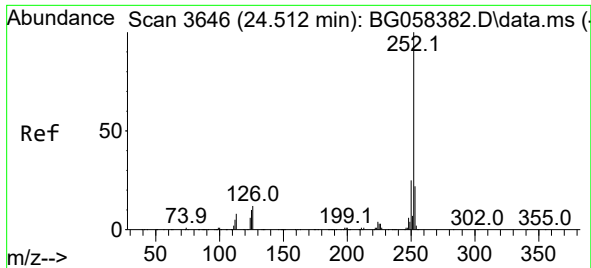
Tgt Ion:252 Resp: 173474
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.6 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 9.481 ng/ul
RT: 23.669 min Scan# 3503
Delta R.T. -0.064 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

Tgt Ion:252 Resp: 173474
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 9.6 7.4 11.0





#93
Benzo(a)pyrene
Concen: 1.281 ng/ul
RT: 24.503 min Scan# 30
Delta R.T. -0.017 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.0
125	17.9	7.7	11.5

