

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058313.D
 Acq On : 18 Jul 2023 23:18
 Operator : CG/JU
 Sample : 03644-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 04:18:45 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

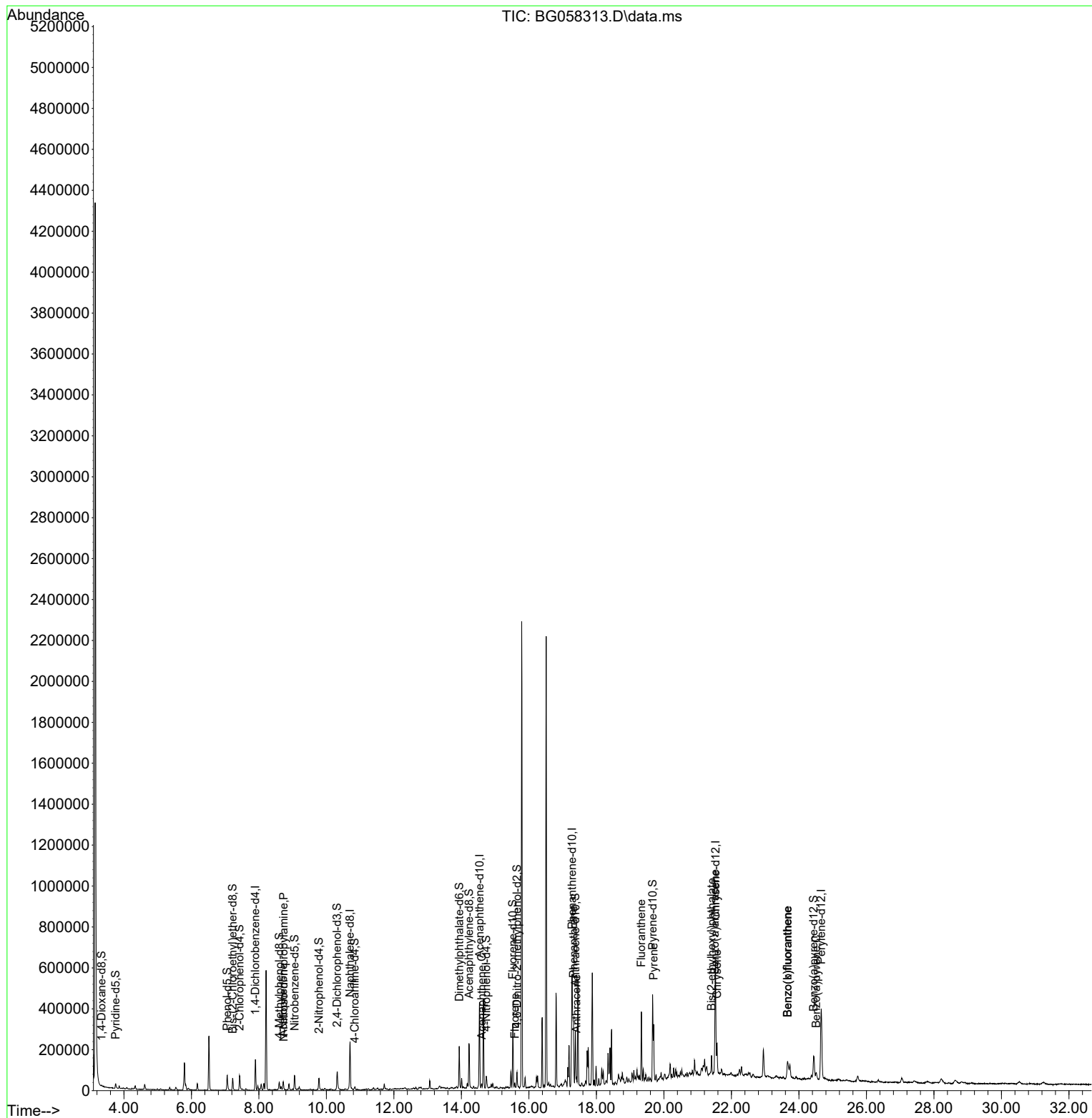
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	42094	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	198897	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	148872	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	353773	20.000	ng/ul	0.00
79) Chrysene-d12	21.528	240	290389	20.000	ng/ul	0.00
88) Perylene-d12	24.659	264	354125	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	2095	1.832	ng/uL	0.00
4) Pyridine-d5	3.754	84	12987	3.826	ng/ul	0.00
7) Phenol-d5	7.062	99	46653	11.683	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	30026	12.030	ng/ul	0.00
11) 2-Chlorophenol-d4	7.427	132	33790	12.089	ng/ul	0.00
15) 4-Methylphenol-d8	8.608	113	15620	5.128	ng/ul	0.00
21) Nitrobenzene-d5	9.054	128	17997	12.072	ng/ul	0.00
24) 2-Nitrophenol-d4	9.777	143	20189	12.404	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	35667	11.432	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	5589	1.236	ng/ul	0.00
46) Dimethylphthalate-d6	13.937	166	137259	11.956	ng/ul	0.00
49) Acenaphthylene-d8	14.225	160	151059	12.556	ng/ul	0.00
54) 4-Nitrophenol-d4	14.736	143	15749	9.084	ng/ul	0.00
60) Fluorene-d10	15.523	176	130892	13.772	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	17373	9.639	ng/ul	0.00
73) Anthracene-d10	17.374	188	165618	10.835	ng/ul	0.00
81) Pyrene-d10	19.665	212	201557	11.752	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.436	264	121927	7.124	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.719	105	19903	3.837	ng/ul	86
17) N-Nitroso-di-n-propyla...	8.737	70	4554	1.604	ng/ul#	58
52) Acenaphthene	14.601	153	9774	1.084	ng/ul	97
61) Fluorene	15.582	166	10906	1.036	ng/ul#	87
72) Phenanthrene	17.321	178	167659	9.972	ng/ul	99
74) Anthracene	17.409	178	26311	1.559	ng/ul	98
80) Fluoranthene	19.330	202	212441	10.812	ng/ul	99
82) Pyrene	19.695	202	174244	8.752	ng/ul	99
85) Benzo(a)anthracene	21.510	228	98327	5.038	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.410	149	34053	3.054	ng/ul	97
87) Chrysene	21.575	228	101529	5.484	ng/ul	97
90) Benzo(b)fluoranthene	23.666	252	99149	4.839	ng/ul#	97
91) Benzo(k)fluoranthene	23.666	252	99149	4.852	ng/ul	97
93) Benzo(a)pyrene	24.512	252	35792	1.964	ng/ul	96

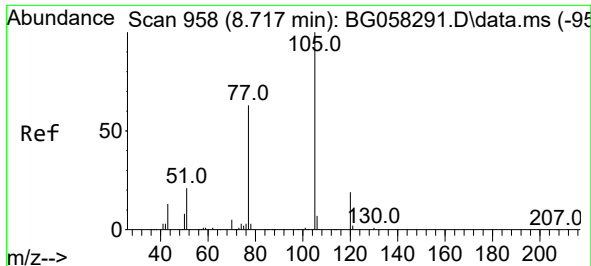
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
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Instrument :
BNA_M
ClientSampleId :

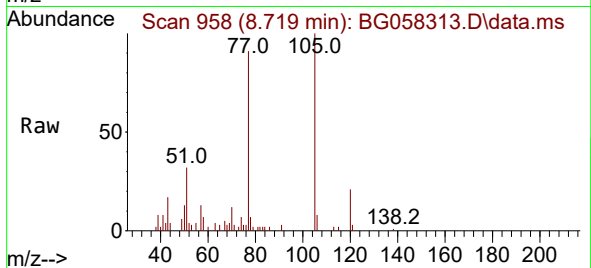
Quant Time: Jul 19 04:18:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
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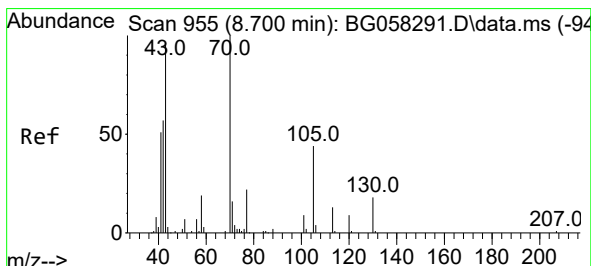
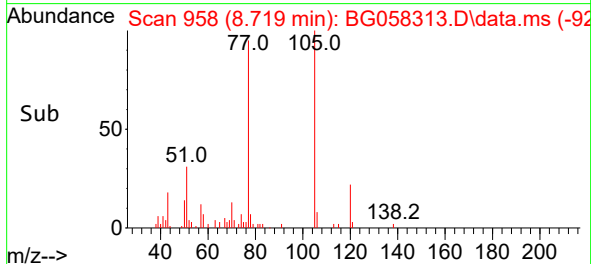
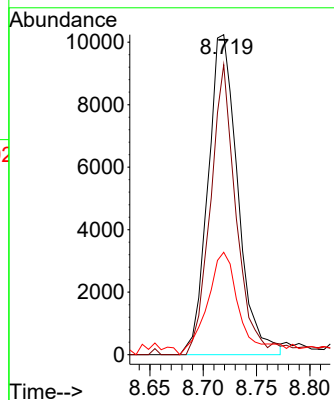


#16
Acetophenone
Concen: 3.837 ng/ul
RT: 8.719 min Scan# 911
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

Instrument :
BNA_M
ClientSampleId :

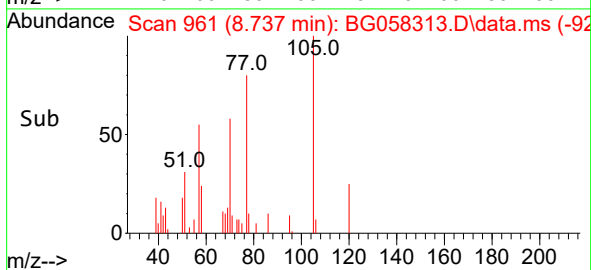
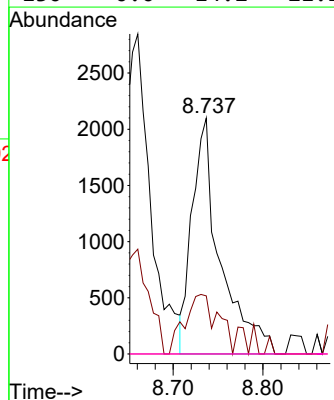
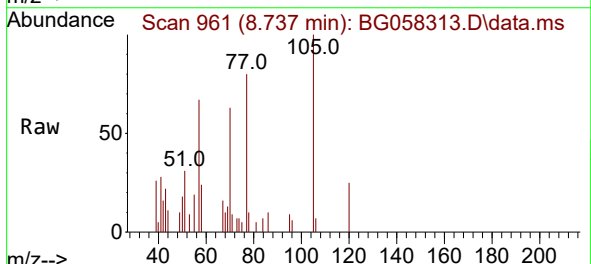


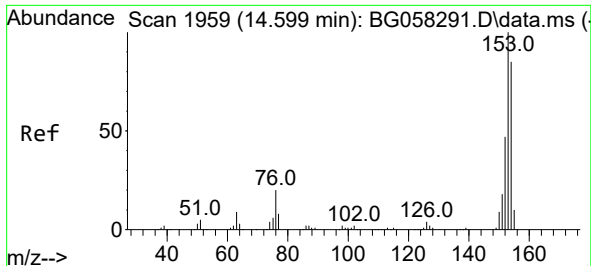
Tgt Ion:	105	Resp:	19903
Ion Ratio	Lower	Upper	
105	100		
77	90.6	60.7	91.1
51	32.0	23.5	35.3



#17
N-Nitroso-di-n-propylamine
Concen: 1.604 ng/ul
RT: 8.737 min Scan# 961
Delta R.T. 0.033 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

Tgt Ion:	70	Resp:	4554
Ion Ratio	Lower	Upper	
70	100		
42	24.7	46.6	69.8#
101	0.0	7.3	10.9#
130	0.0	14.2	21.2#

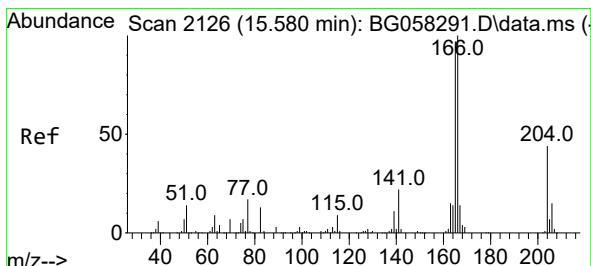
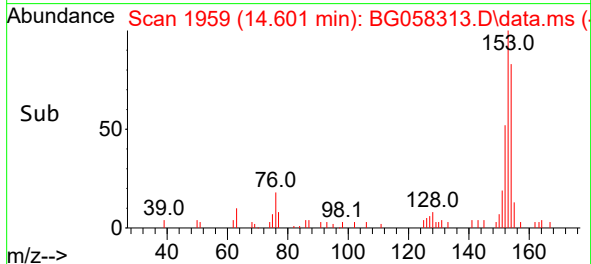
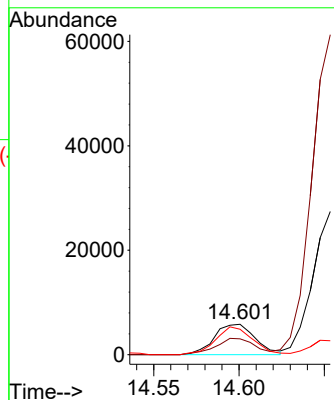
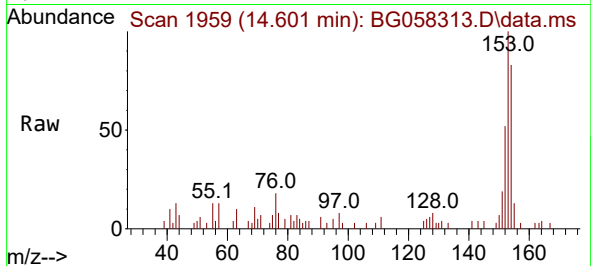




#52
Acenaphthene
Concen: 1.084 ng/ul
RT: 14.601 min Scan# 1959
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

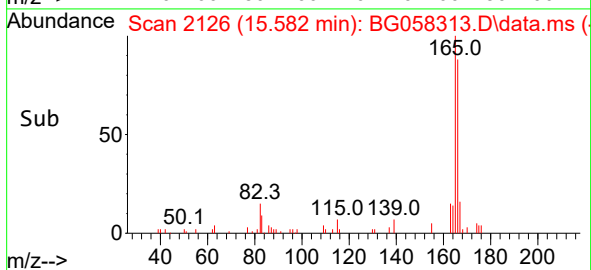
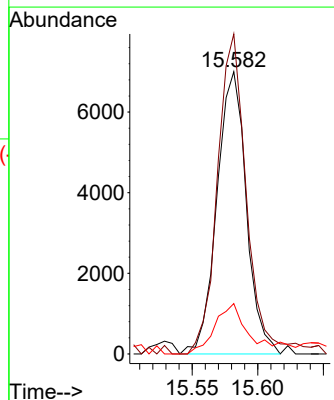
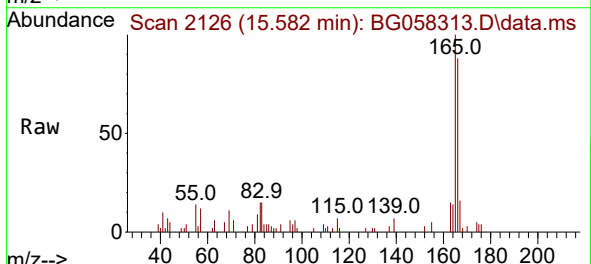
Instrument :
BNA_M
ClientSampleId :

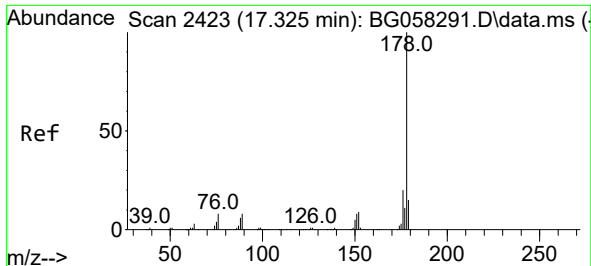
Tgt Ion:153 Resp: 9774
Ion Ratio Lower Upper
153 100
152 51.8 39.1 58.7
154 83.3 68.7 103.1



#61
Fluorene
Concen: 1.036 ng/ul
RT: 15.582 min Scan# 2126
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

Tgt Ion:166 Resp: 10906
Ion Ratio Lower Upper
166 100
165 113.4 80.2 120.2
167 17.8 10.5 15.7#

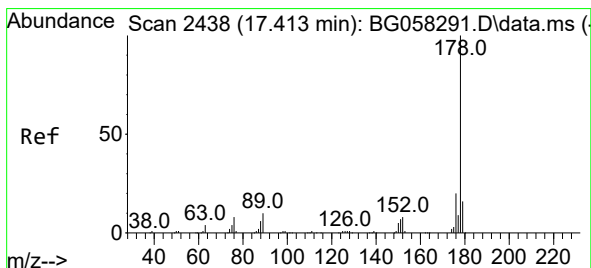
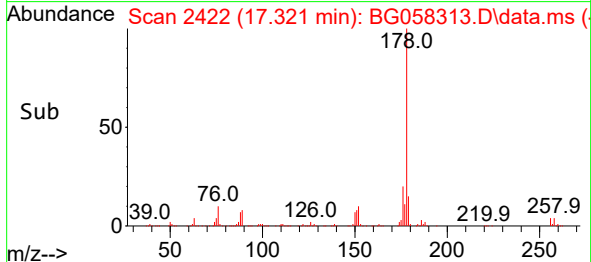
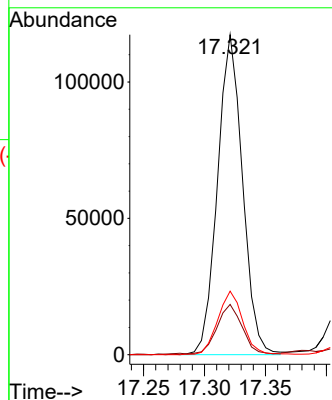
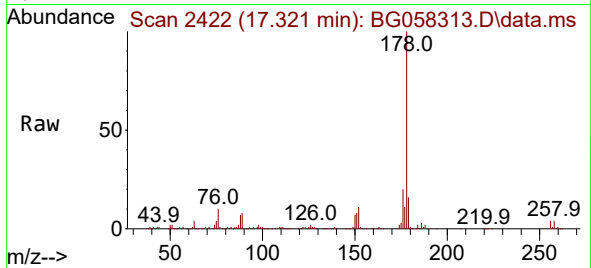




#72
Phenanthrene
Concen: 9.972 ng/ul
RT: 17.321 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

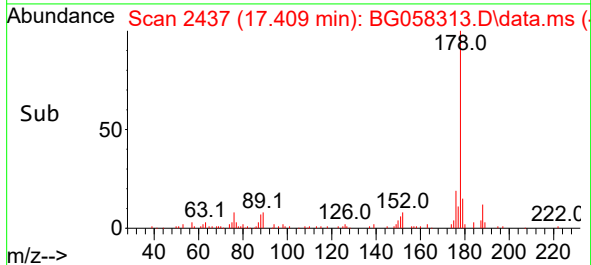
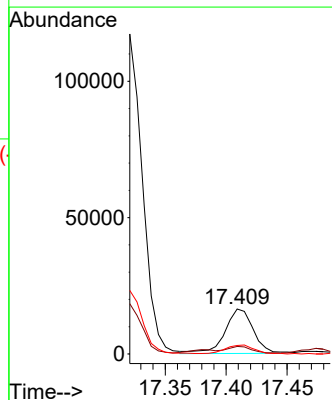
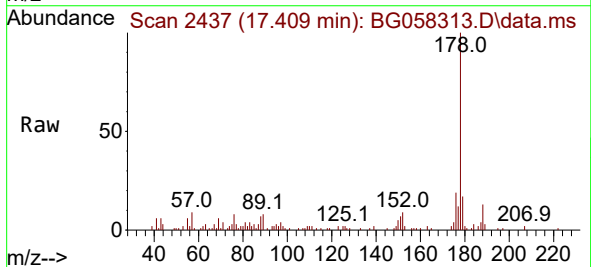
Instrument :
BNA_M
ClientSampleId :

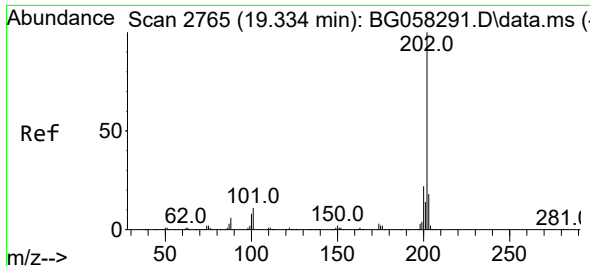
Tgt Ion:178 Resp: 167659
Ion Ratio Lower Upper
178 100
179 15.7 11.9 17.9
176 19.8 15.8 23.8



#74
Anthracene
Concen: 1.559 ng/ul
RT: 17.409 min Scan# 2437
Delta R.T. -0.008 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

Tgt Ion:178 Resp: 26311
Ion Ratio Lower Upper
178 100
179 16.6 13.4 20.2
176 18.9 16.2 24.2

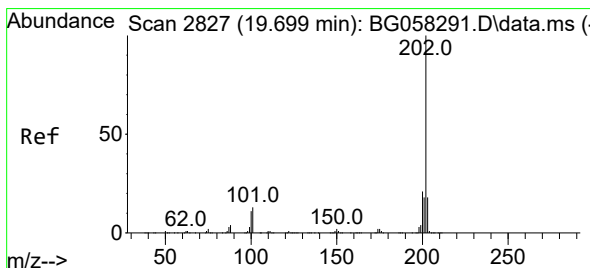
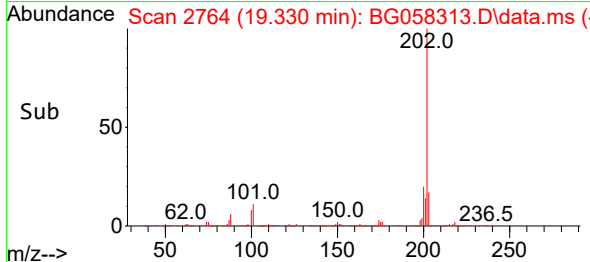
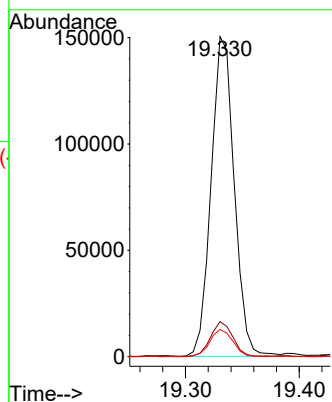
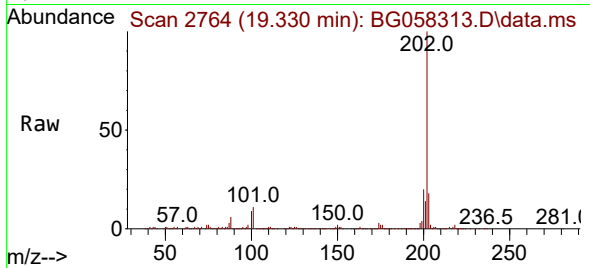




#80
Fluoranthene
Concen: 10.812 ng/ul
RT: 19.330 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

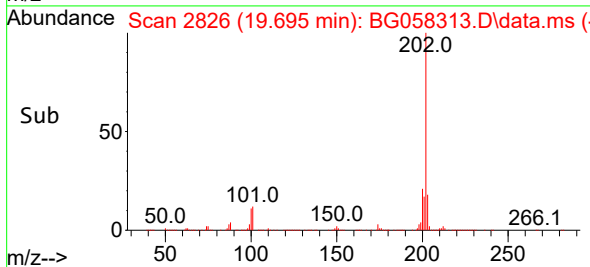
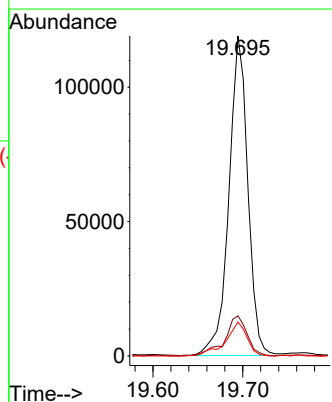
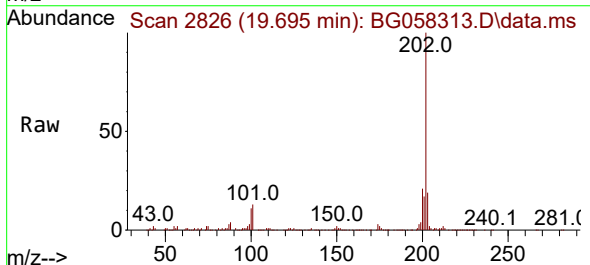
Instrument :
BNA_M
ClientSampleId :

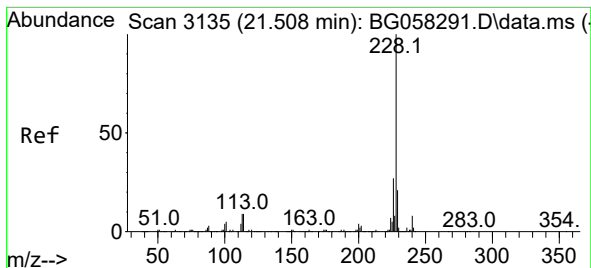
Tgt Ion:202 Resp: 212441
Ion Ratio Lower Upper
202 100
101 11.0 8.6 12.8
100 8.5 7.2 10.8



#82
Pyrene
Concen: 8.752 ng/ul
RT: 19.695 min Scan# 2826
Delta R.T. -0.002 min
Lab File: BG058313.D
Acq: 18 Jul 2023 23:18

Tgt Ion:202 Resp: 174244
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.2
100 10.6 8.9 13.3





#85

Benzo(a)anthracene

Concen: 5.038 ng/ul

RT: 21.510 min Scan# 3118

Delta R.T. -0.002 min

Lab File: BG058313.D

Acq: 18 Jul 2023 23:18

Instrument :

BNA_M

ClientSampleId :

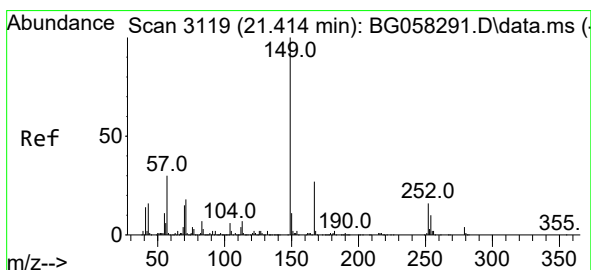
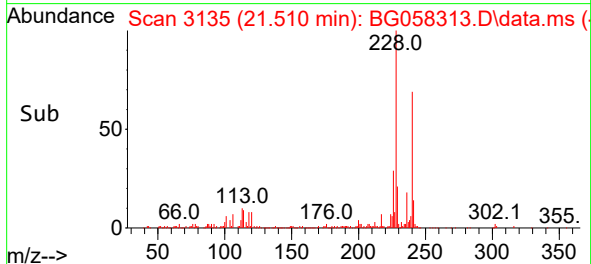
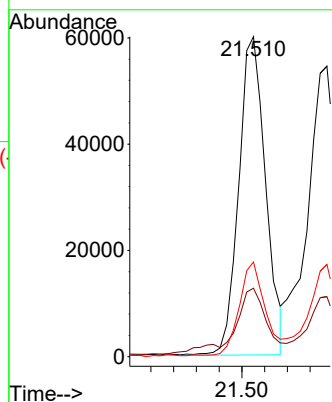
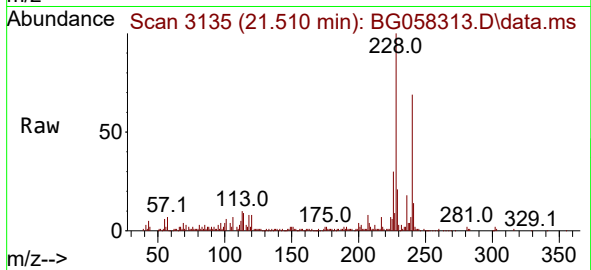
Tgt Ion:228 Resp: 98327

Ion Ratio Lower Upper

228 100

229 21.4 15.7 23.5

226 29.6 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.054 ng/ul

RT: 21.410 min Scan# 3118

Delta R.T. -0.002 min

Lab File: BG058313.D

Acq: 18 Jul 2023 23:18

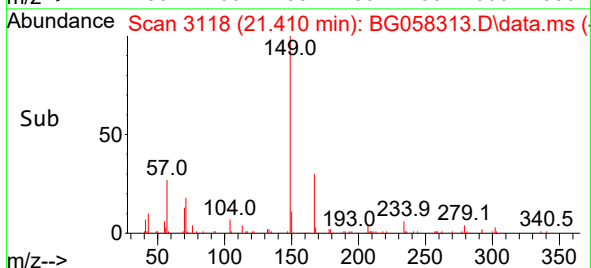
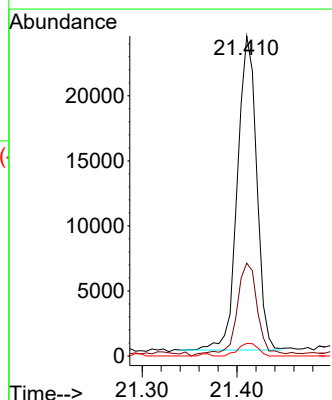
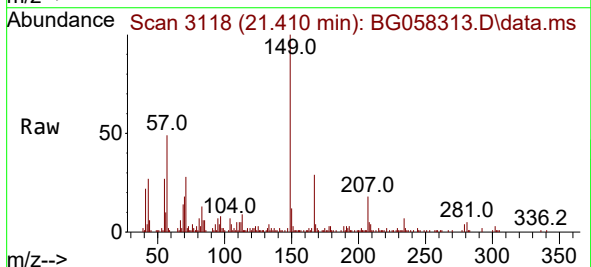
Tgt Ion:149 Resp: 34053

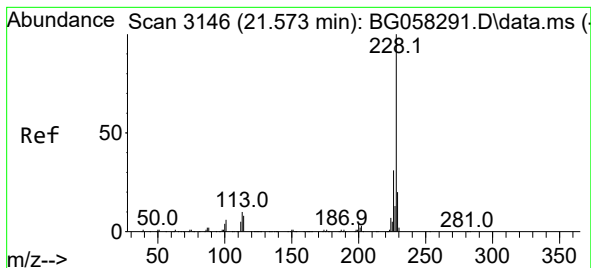
Ion Ratio Lower Upper

149 100

167 29.0 21.6 32.4

279 3.9 3.0 4.4





#87

Chrysene

Concen: 5.484 ng/ul

RT: 21.575 min Scan# 3146

Delta R.T. -0.002 min

Lab File: BG058313.D

Acq: 18 Jul 2023 23:18

Instrument :

BNA_M

ClientSampleId :

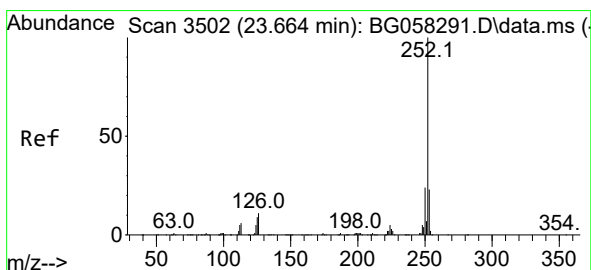
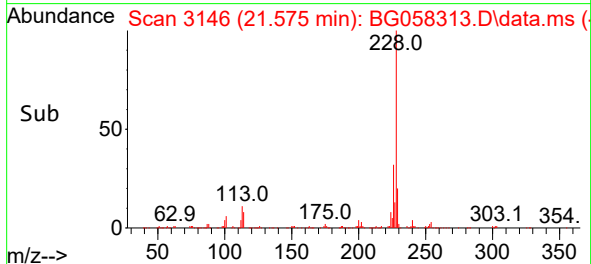
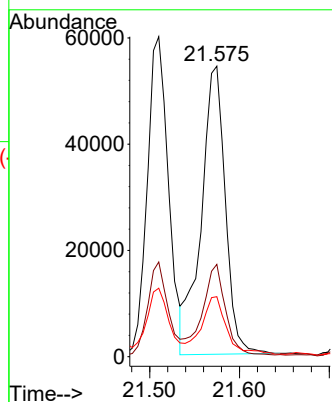
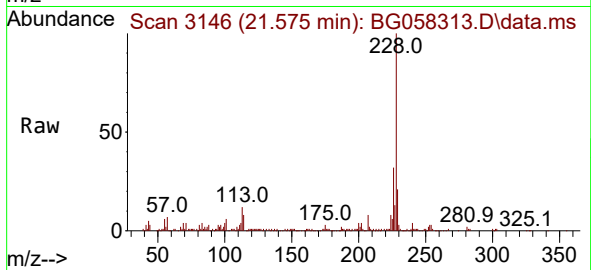
Tgt Ion:228 Resp: 101529

Ion Ratio Lower Upper

228 100

226 31.8 24.0 36.0

229 20.6 15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 4.839 ng/ul

RT: 23.666 min Scan# 3502

Delta R.T. -0.002 min

Lab File: BG058313.D

Acq: 18 Jul 2023 23:18

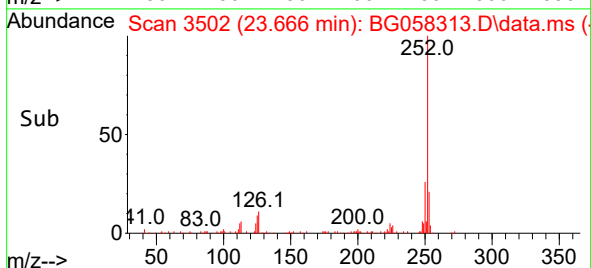
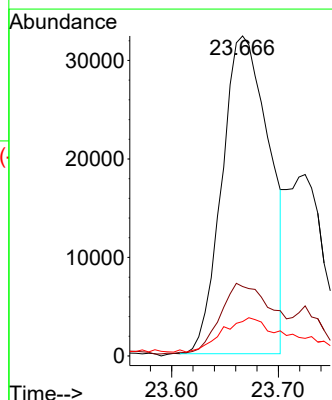
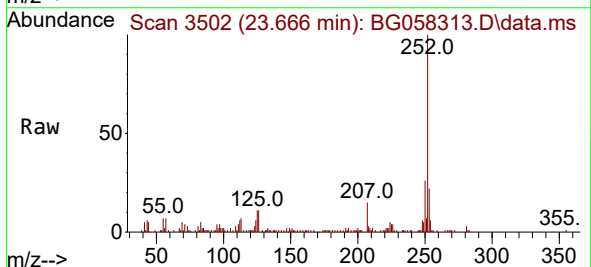
Tgt Ion:252 Resp: 99149

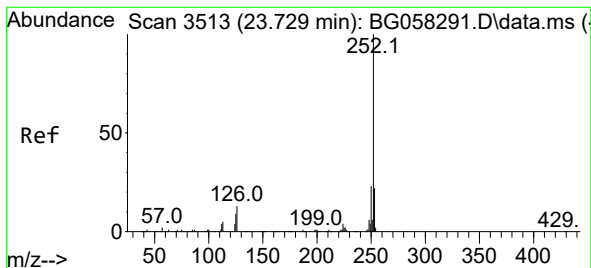
Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 10.8 6.7 10.1#





#91

Benzo(k)fluoranthene

Concen: 4.852 ng/ul

RT: 23.666 min Scan# 3502

Delta R.T. -0.067 min

Lab File: BG058313.D

Acq: 18 Jul 2023 23:18

Instrument :

BNA_M

ClientSampleId :

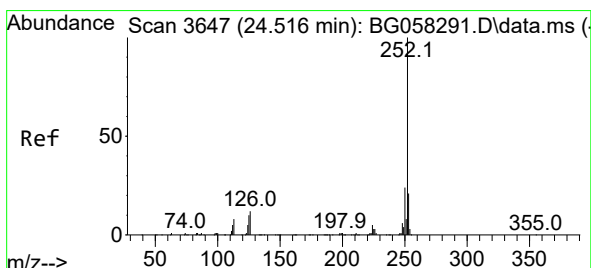
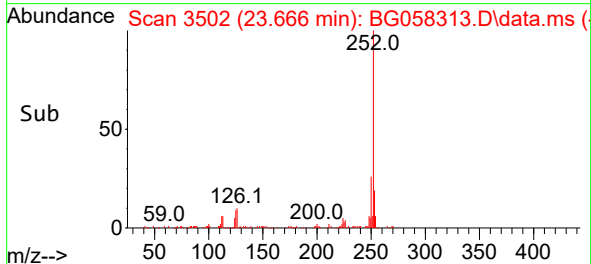
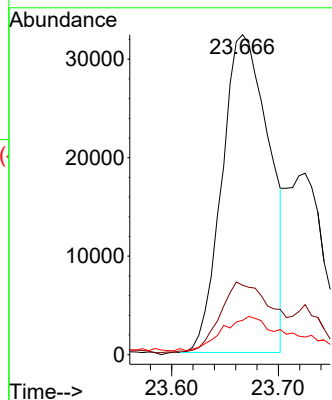
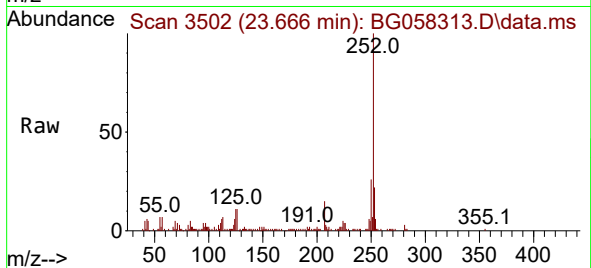
Tgt Ion:252 Resp: 99149

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

125 10.8 7.4 11.0



#93

Benzo(a)pyrene

Concen: 1.964 ng/ul

RT: 24.512 min Scan# 3646

Delta R.T. -0.008 min

Lab File: BG058313.D

Acq: 18 Jul 2023 23:18

Tgt Ion:252 Resp: 35792

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

125 10.9 7.7 11.5

