

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058369.D
 Acq On : 20 Jul 2023 21:47
 Operator : CG/JU
 Sample : 03472-32
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 20 23:29:38 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)

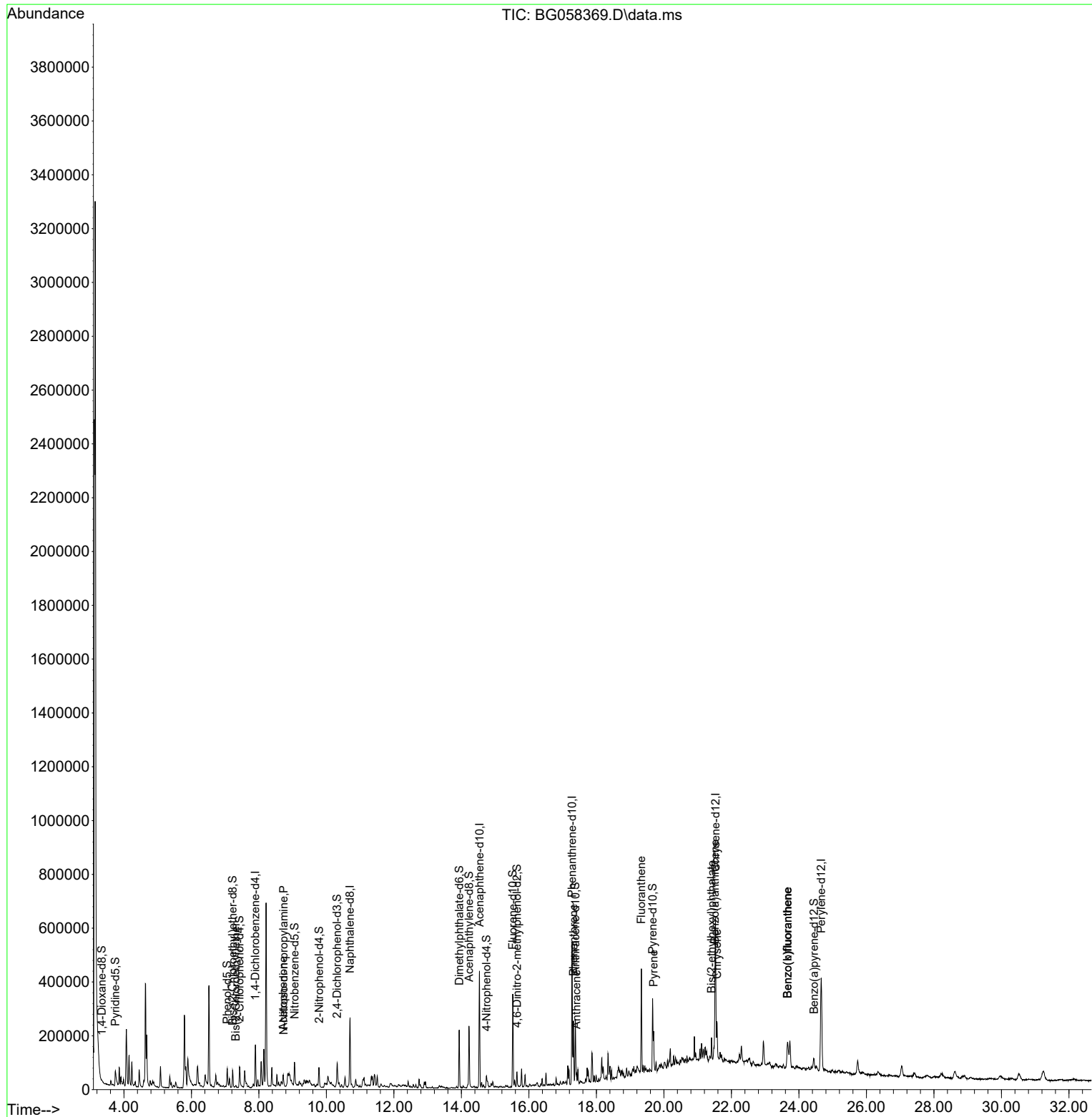
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	47504	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	214785	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	155148	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.279	188	343316	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	281743	20.000	ng/ul	0.00
88) Perylene-d12	24.659	264	344853	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	2048	1.587	ng/uL	0.00
4) Pyridine-d5	3.748	84	25336	6.614	ng/ul	0.00
7) Phenol-d5	7.062	99	44906	9.965	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	33240	11.801	ng/ul	0.00
11) 2-Chlorophenol-d4	7.426	132	35346	11.205	ng/ul	0.00
15) 4-Methylphenol-d8	8.613	113	2655	0.772	ng/ul	0.00
21) Nitrobenzene-d5	9.060	128	20347	12.638	ng/ul	0.00
24) 2-Nitrophenol-d4	9.782	143	23795	13.538	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	33644	9.986	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	215	0.044	ng/ul	0.03
46) Dimethylphthalate-d6	13.936	166	151397	12.655	ng/ul	0.00
49) Acenaphthylene-d8	14.224	160	154327	12.309	ng/ul	0.00
54) 4-Nitrophenol-d4	14.741	143	15021	8.314	ng/ul	0.00
60) Fluorene-d10	15.523	176	141308	14.266	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	13211	7.553	ng/ul	0.00
73) Anthracene-d10	17.373	188	144391	9.734	ng/ul	0.00
81) Pyrene-d10	19.665	212	117329	7.051	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.447	264	44418	2.665	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.315	93	3861	1.077	ng/ul#	83
16) Acetophenone	8.719	105	21711	3.709	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.731	70	4833	1.509	ng/ul#	59
72) Phenanthrene	17.320	178	142863	8.756	ng/ul	98
74) Anthracene	17.409	178	22168	1.353	ng/ul	98
80) Fluoranthene	19.330	202	239468	12.562	ng/ul	99
82) Pyrene	19.694	202	90958	4.709	ng/ul	99
85) Benzo(a)anthracene	21.510	228	98510	5.202	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	27790	2.569	ng/ul	99
87) Chrysene	21.574	228	101943	5.675	ng/ul	97
90) Benzo(b)fluoranthene	23.666	252	118108	5.919	ng/ul#	95
91) Benzo(k)fluoranthene	23.666	252	118108	5.935	ng/ul#	96

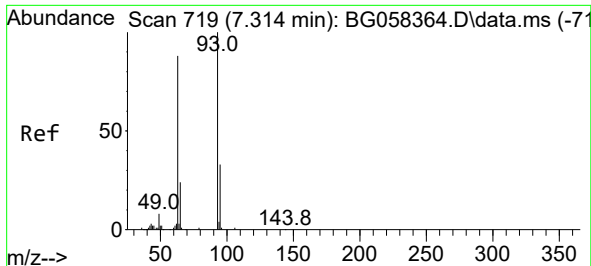
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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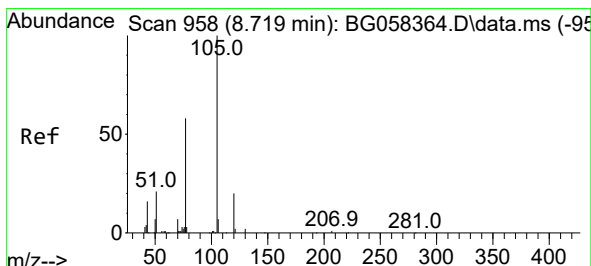
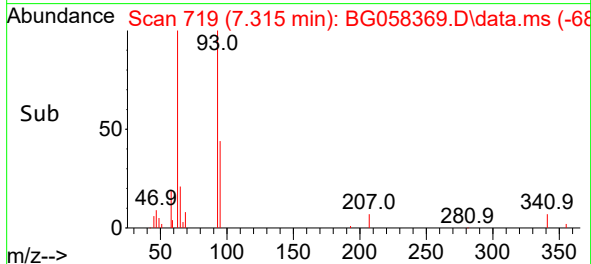
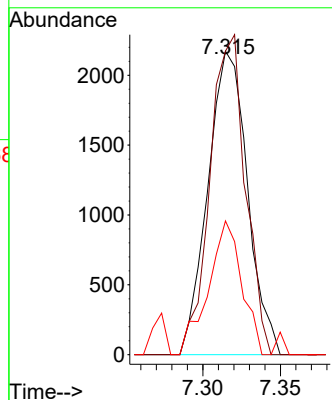
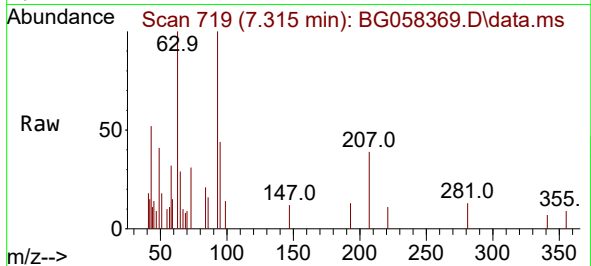




#10
Bis(2-Chloroethyl)ether
Concen: 1.077 ng/ul
RT: 7.315 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47

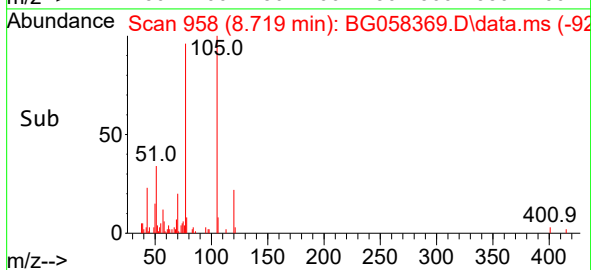
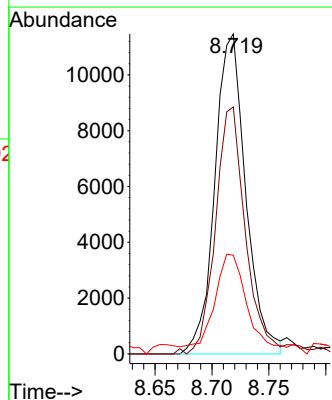
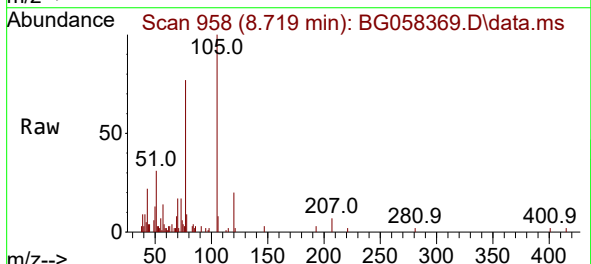
Instrument :
BNA_N
ClientSampleId :

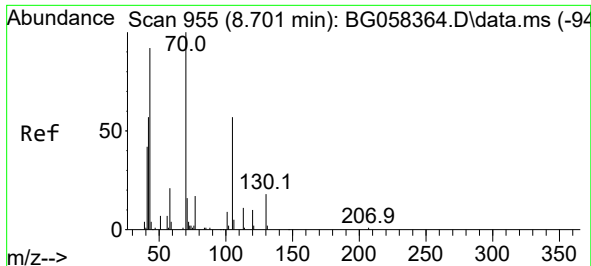
Tgt Ion: 93 Resp: 3861
Ion Ratio Lower Upper
93 100
63 100.0 67.7 101.5
95 44.0 27.0 40.6#



#16
Acetophenone
Concen: 3.709 ng/ul
RT: 8.719 min Scan# 958
Delta R.T. -0.003 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47

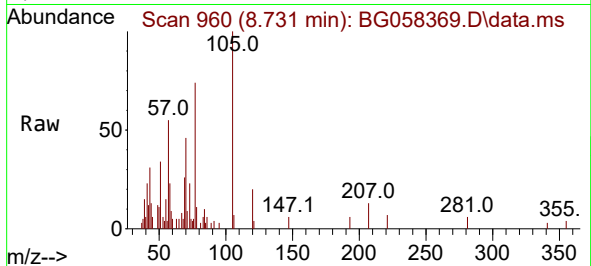
Tgt Ion: 105 Resp: 21711
Ion Ratio Lower Upper
105 100
77 77.2 60.7 91.1
51 30.9 23.5 35.3





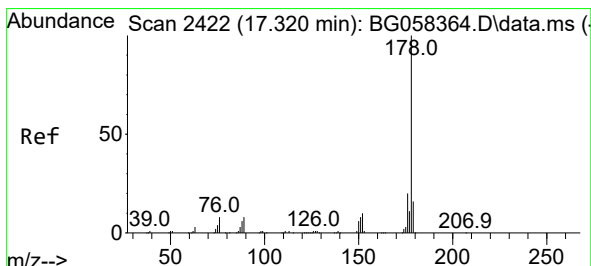
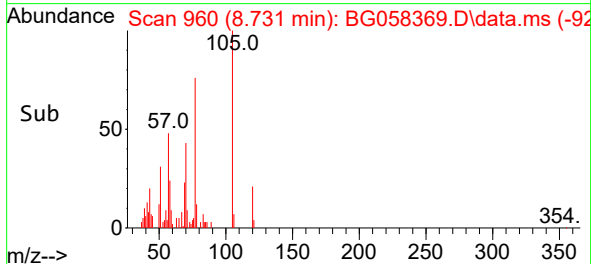
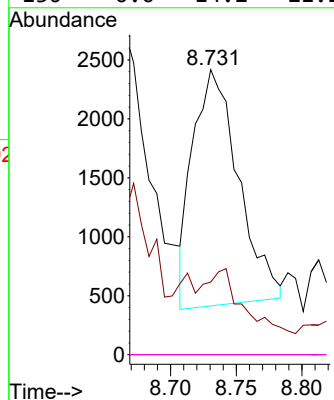
#17
N-Nitroso-di-n-propylamine
Concen: 1.509 ng/ul
RT: 8.731 min Scan# 90
Delta R.T. 0.027 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47

Instrument :
BNA_N
ClientSampleId :



Tgt Ion: 70 Resp: 4833

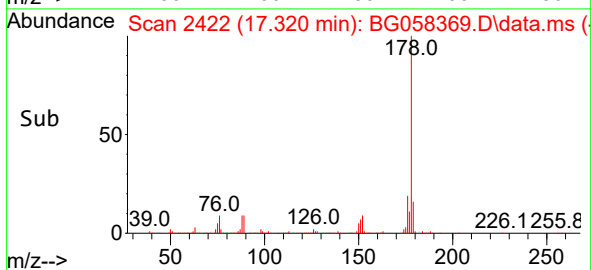
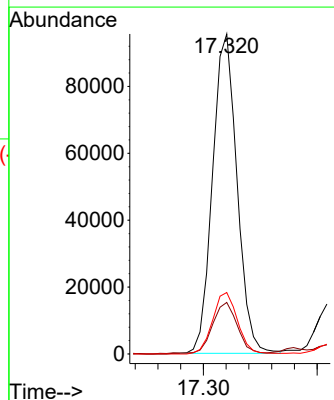
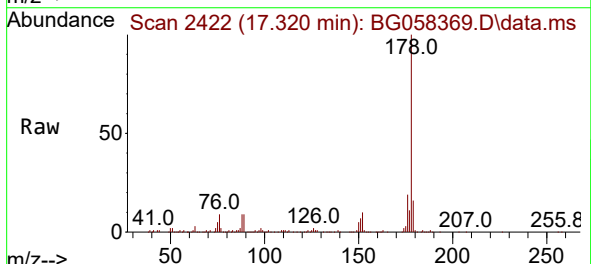
Ion	Ratio	Lower	Upper
70	100		
42	25.5	46.6	69.8#
101	0.0	7.3	10.9#
130	0.0	14.2	21.2#

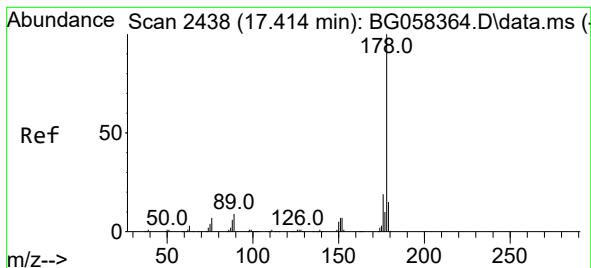


#72
Phenanthrene
Concen: 8.756 ng/ul
RT: 17.320 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47

Tgt Ion: 178 Resp: 142863

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.9	17.9
176	19.2	15.8	23.8





#74

Anthracene

Concen: 1.353 ng/ul

RT: 17.409 min Scan# 2438

Delta R.T. -0.008 min

Lab File: BG058369.D

Acq: 20 Jul 2023 21:47

Instrument :

BNA_N

ClientSampleId :

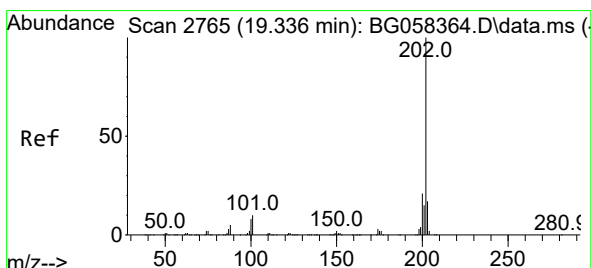
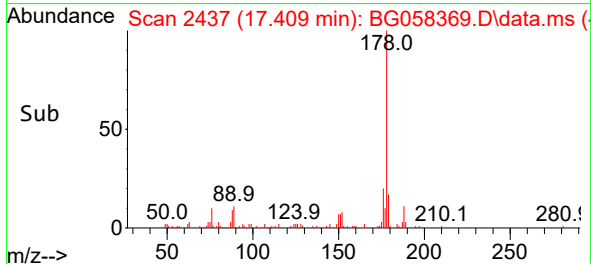
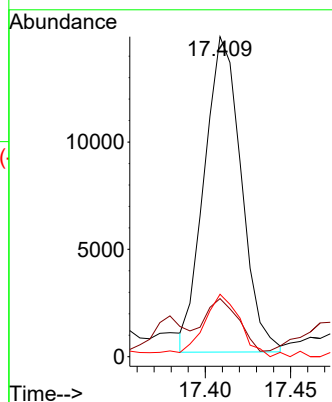
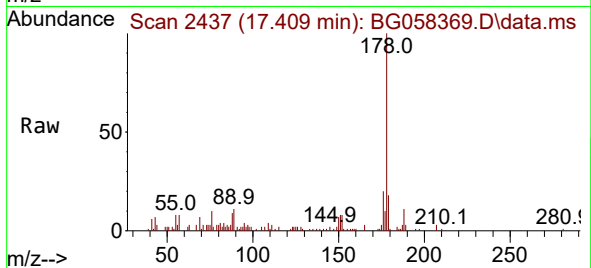
Tgt Ion:178 Resp: 22168

Ion Ratio Lower Upper

178 100

179 18.2 13.4 20.2

176 19.5 16.2 24.2



#80

Fluoranthene

Concen: 12.562 ng/ul

RT: 19.330 min Scan# 2764

Delta R.T. -0.003 min

Lab File: BG058369.D

Acq: 20 Jul 2023 21:47

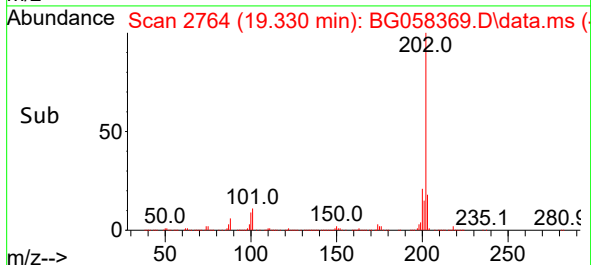
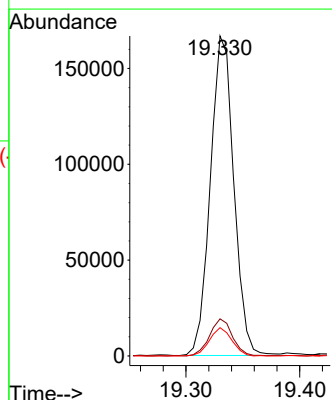
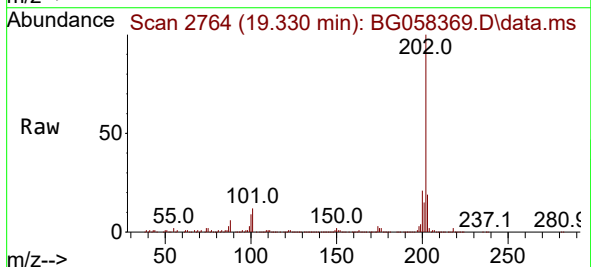
Tgt Ion:202 Resp: 239468

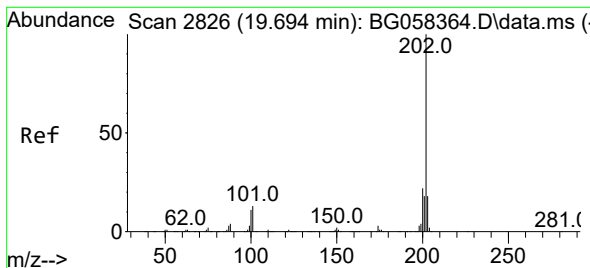
Ion Ratio Lower Upper

202 100

101 11.6 8.6 12.8

100 8.9 7.2 10.8





#82

Pyrene

Concen: 4.709 ng/ul

RT: 19.694 min Scan# 21

Delta R.T. -0.003 min

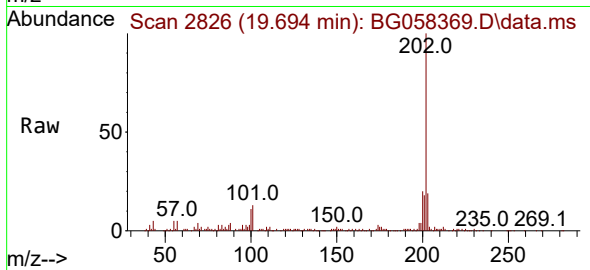
Lab File: BG058369.D

Acq: 20 Jul 2023 21:47

Instrument :

BNA_N

ClientSampleId :



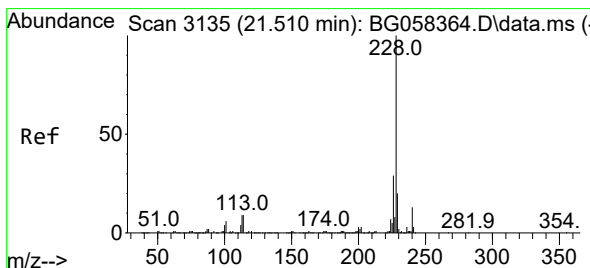
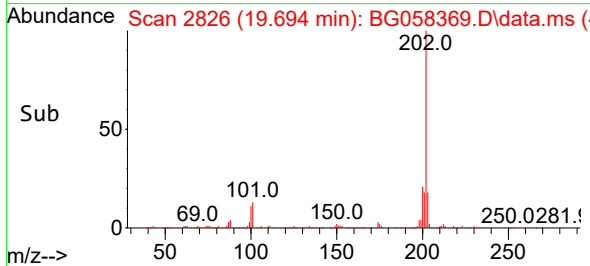
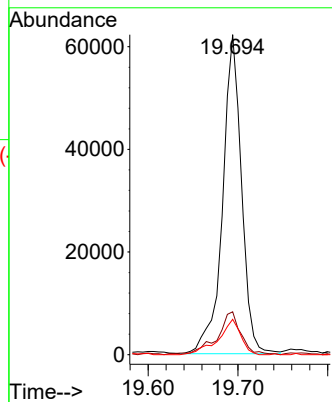
Tgt Ion:202 Resp: 90958

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: 5.202 ng/ul

RT: 21.510 min Scan# 3135

Delta R.T. -0.003 min

Lab File: BG058369.D

Acq: 20 Jul 2023 21:47

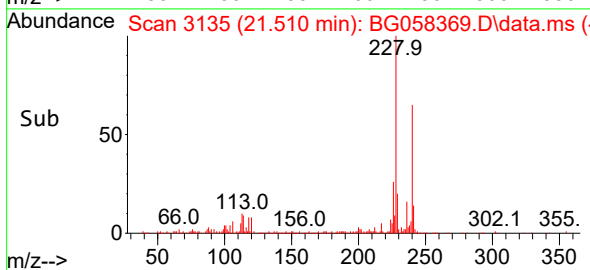
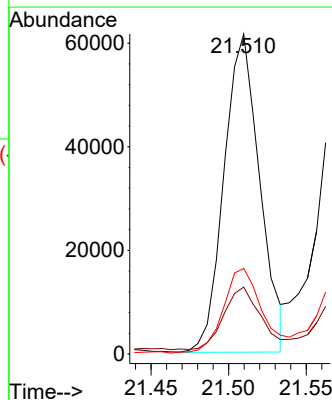
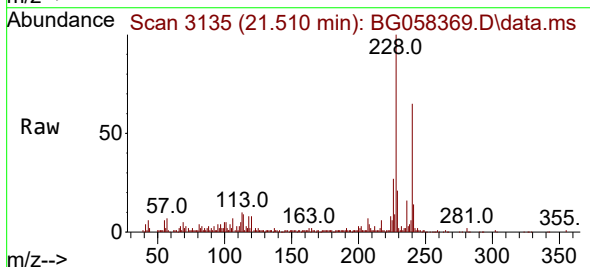
Tgt Ion:228 Resp: 98510

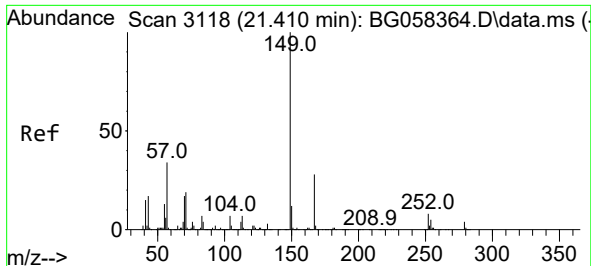
Ion Ratio Lower Upper

228 100

229 20.9 15.7 23.5

226 26.7 21.8 32.8

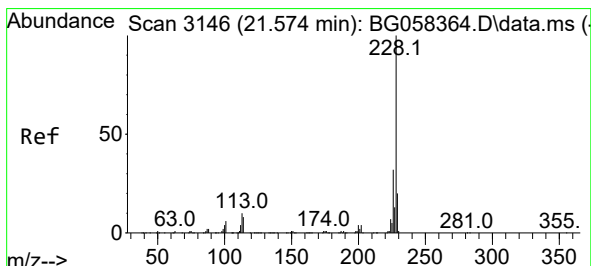
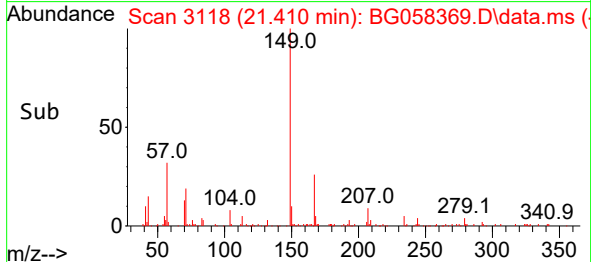
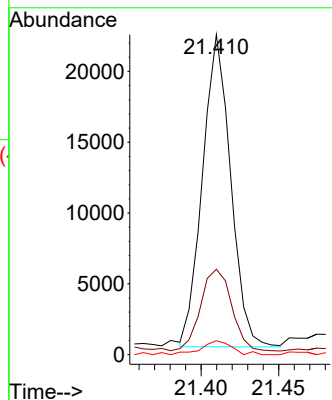
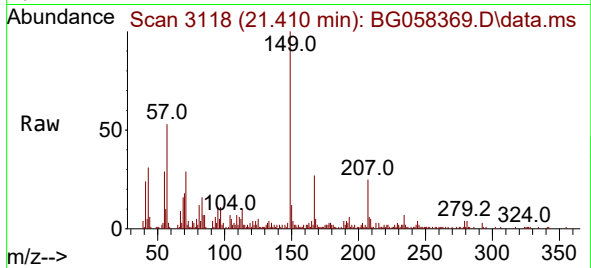




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.569 ng/ul
 RT: 21.410 min Scan# 3118
 Delta R.T. -0.003 min
 Lab File: BG058369.D
 Acq: 20 Jul 2023 21:47

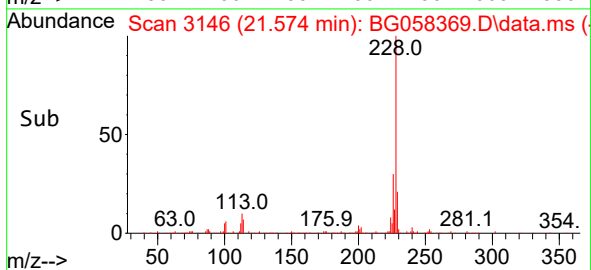
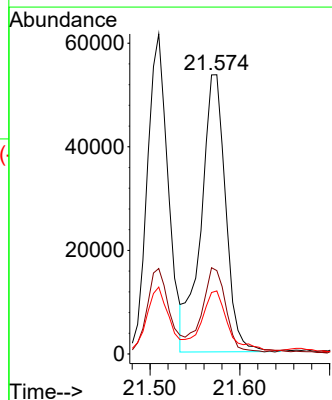
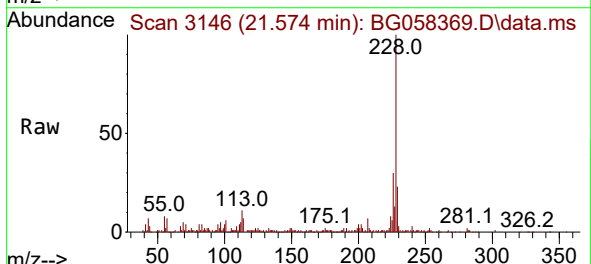
Instrument :
 BNA_N
 ClientSampleId :

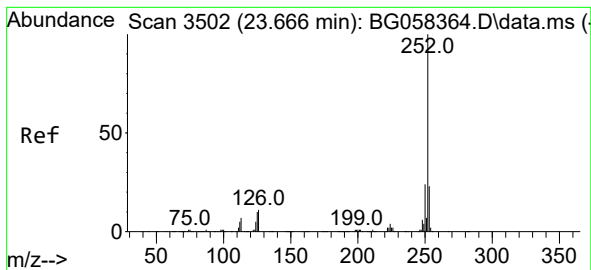
Tgt Ion:149 Resp: 27790
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.6 32.4
 279 4.3 3.0 4.4



#87
 Chrysene
 Concen: 5.675 ng/ul
 RT: 21.574 min Scan# 3146
 Delta R.T. -0.003 min
 Lab File: BG058369.D
 Acq: 20 Jul 2023 21:47

Tgt Ion:228 Resp: 101943
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.0 36.0
 229 22.6 15.8 23.8





#90

Benzo(b)fluoranthene

Concen: 5.919 ng/ul

RT: 23.666 min Scan# 3502

Delta R.T. -0.003 min

Lab File: BG058369.D

Acq: 20 Jul 2023 21:47

Instrument :

BNA_N

ClientSampleId :

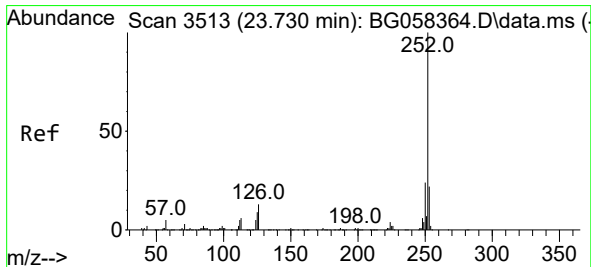
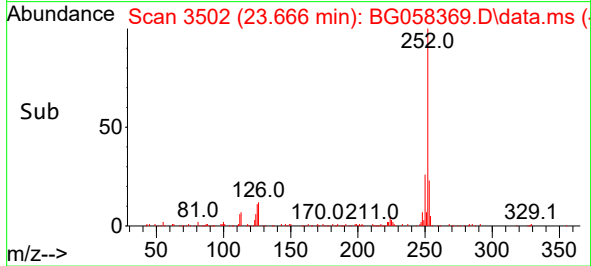
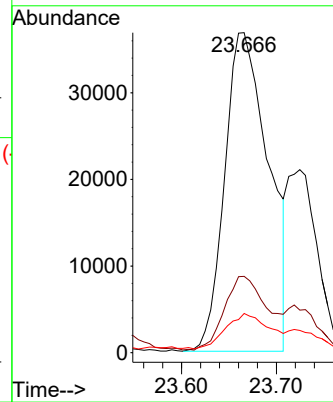
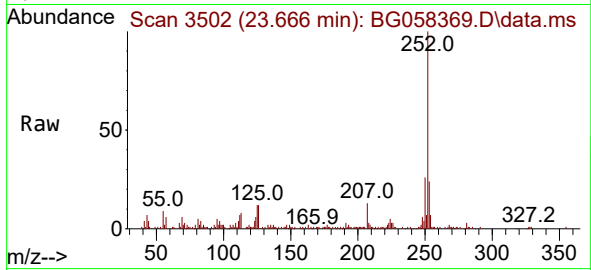
Tgt Ion:252 Resp: 118108

Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

125 12.3 6.7 10.1#



#91

Benzo(k)fluoranthene

Concen: 5.935 ng/ul

RT: 23.666 min Scan# 3502

Delta R.T. -0.067 min

Lab File: BG058369.D

Acq: 20 Jul 2023 21:47

Tgt Ion:252 Resp: 118108

Ion Ratio Lower Upper

252 100

253 23.8 18.3 27.5

125 12.3 7.4 11.0#

