

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058370.D
 Acq On : 20 Jul 2023 22:28
 Operator : CG/JU
 Sample : 03472-33
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 20 23:29:50 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)

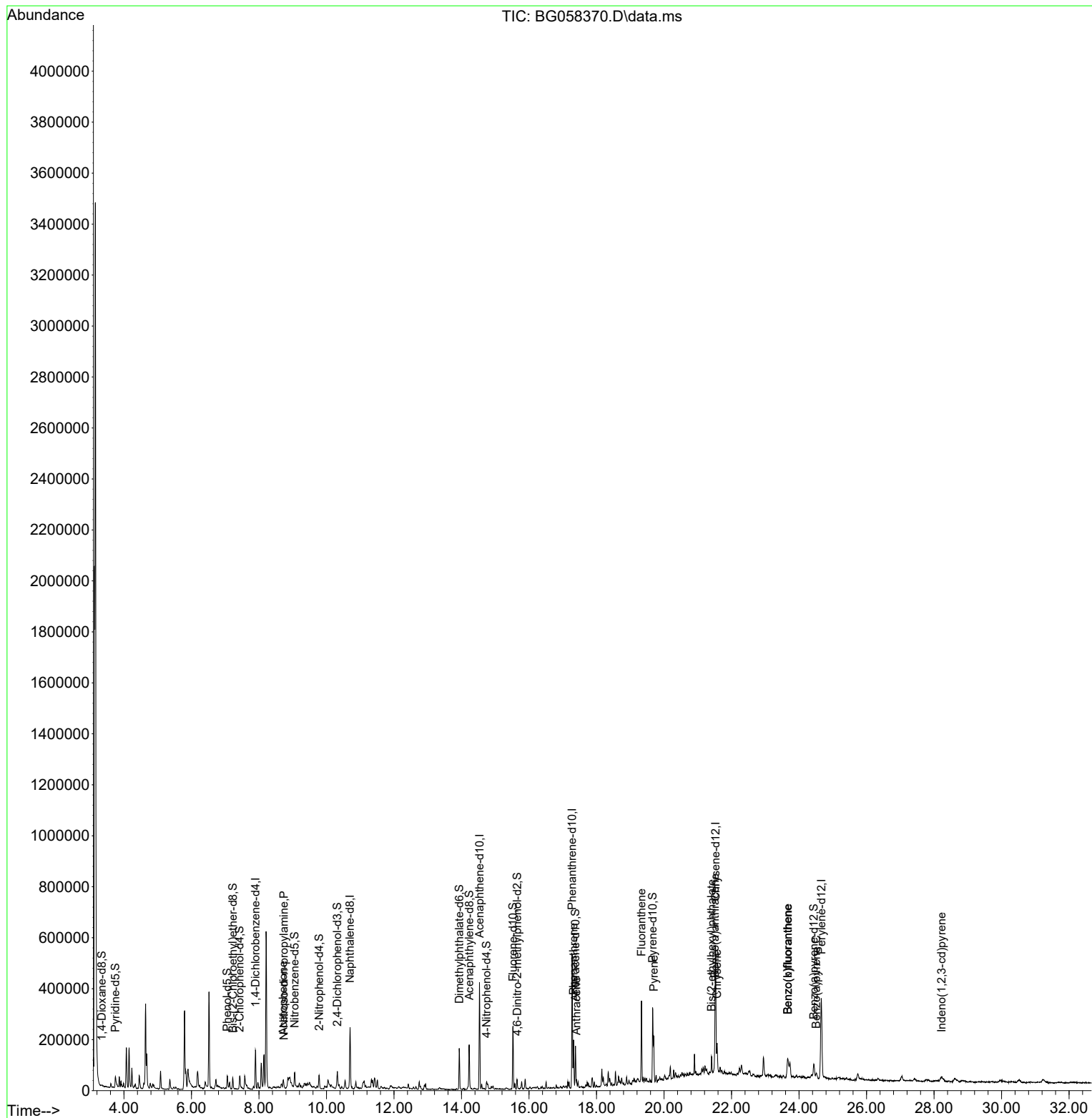
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	42529	20.000	ng/ul	0.00
20) Naphthalene-d8	10.695	136	205163	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.532	164	150286	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.276	188	334515	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	271932	20.000	ng/ul	0.00
88) Perylene-d12	24.661	264	324863	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	1622	1.404	ng/uL	0.00
4) Pyridine-d5	3.745	84	22340	6.514	ng/ul	0.00
7) Phenol-d5	7.058	99	33100	8.204	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.223	67	22878	9.073	ng/ul	0.00
11) 2-Chlorophenol-d4	7.423	132	23938	8.476	ng/ul	0.00
15) 4-Methylphenol-d8	8.615	113	1435	0.466	ng/ul	0.01
21) Nitrobenzene-d5	9.056	128	14030	9.123	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143	16586	9.879	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.319	165	24023	7.464	ng/ul	0.00
31) 4-Chloroaniline-d4	10.836	131	209	0.045	ng/ul	0.00
46) Dimethylphthalate-d6	13.933	166	111893	9.655	ng/ul	0.00
49) Acenaphthylene-d8	14.226	160	118069	9.722	ng/ul	0.00
54) 4-Nitrophenol-d4	14.738	143	11012	6.292	ng/ul	0.00
60) Fluorene-d10	15.525	176	106155	11.064	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.648	200	8755	5.137	ng/ul	0.00
73) Anthracene-d10	17.376	188	97206	6.725	ng/ul	0.00
81) Pyrene-d10	19.661	212	140780	8.765	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.438	264	57680	3.674	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.715	105	16301	3.110	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.739	70	4500	1.569	ng/ul#	55
72) Phenanthrene	17.317	178	116550	7.332	ng/ul	98
74) Anthracene	17.405	178	17873	1.120	ng/ul	98
80) Fluoranthene	19.332	202	196982	10.706	ng/ul	98
82) Pyrene	19.696	202	116173	6.231	ng/ul	98
85) Benzo(a)anthracene	21.506	228	77757	4.254	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.406	149	24829	2.378	ng/ul	98
87) Chrysene	21.571	228	75006	4.326	ng/ul	98
90) Benzo(b)fluoranthene	23.668	252	94513	5.028	ng/ul#	97
91) Benzo(k)fluoranthene	23.668	252	94513	5.042	ng/ul#	97
93) Benzo(a)pyrene	24.508	252	17686	1.058	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.222	276	28624	1.300	ng/ul#	92

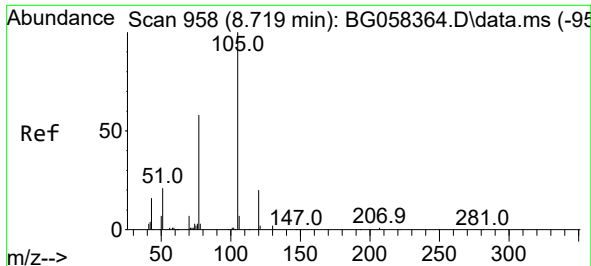
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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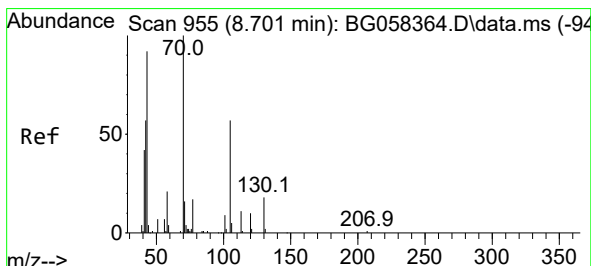
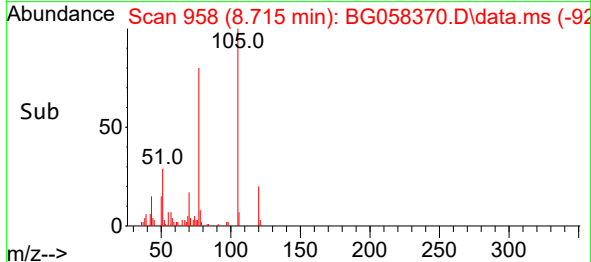
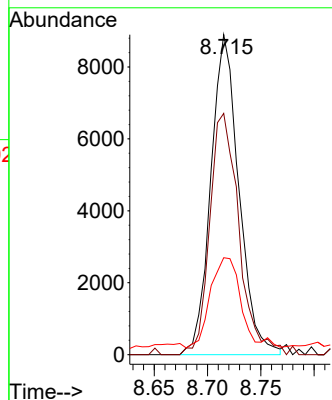
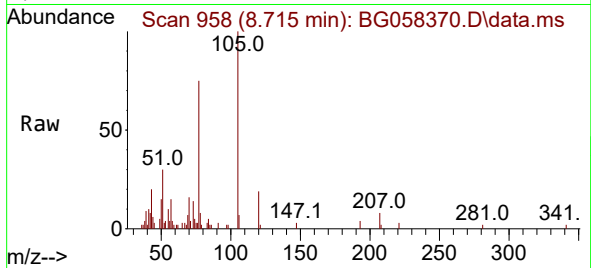




#16
Acetophenone
Concen: 3.110 ng/ul
RT: 8.715 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG058370.D
Acq: 20 Jul 2023 22:28

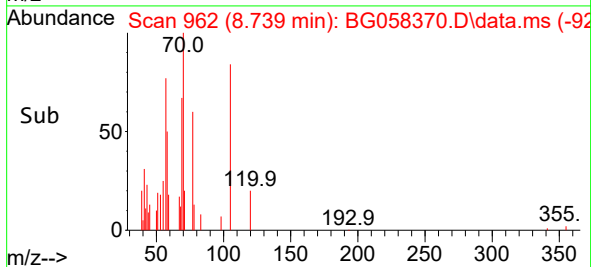
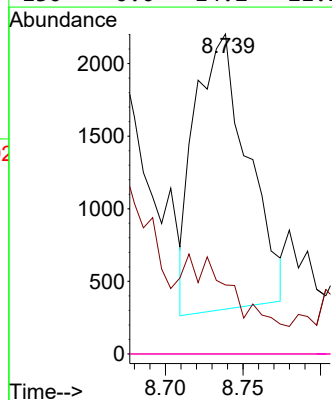
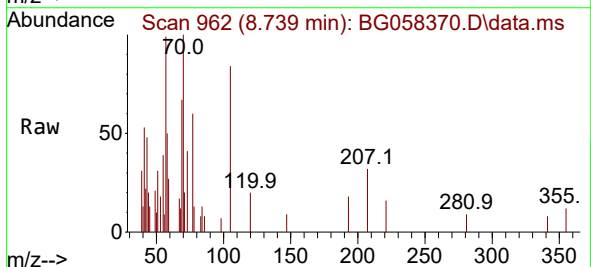
Instrument :
BNA_N
ClientSampleId :

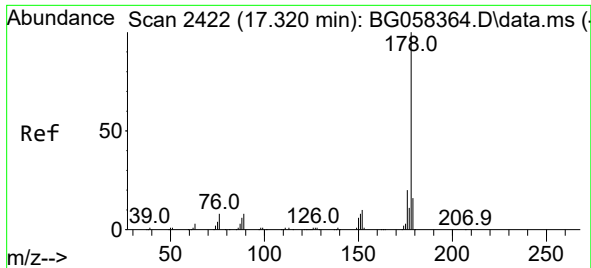
Tgt Ion:105 Resp: 16301
Ion Ratio Lower Upper
105 100
77 75.4 60.7 91.1
51 30.3 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 1.569 ng/ul
RT: 8.739 min Scan# 962
Delta R.T. 0.035 min
Lab File: BG058370.D
Acq: 20 Jul 2023 22:28

Tgt Ion: 70 Resp: 4500
Ion Ratio Lower Upper
70 100
42 21.6 46.6 69.8#
101 0.0 7.3 10.9#
130 0.0 14.2 21.2#

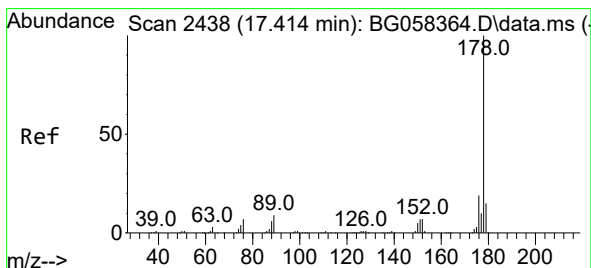
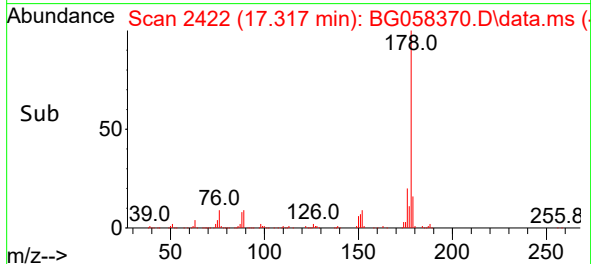
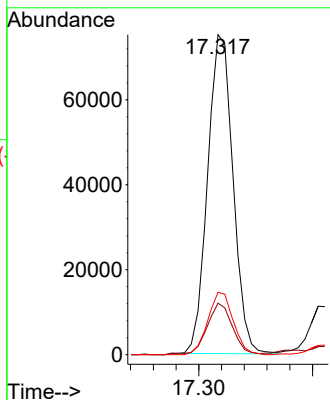
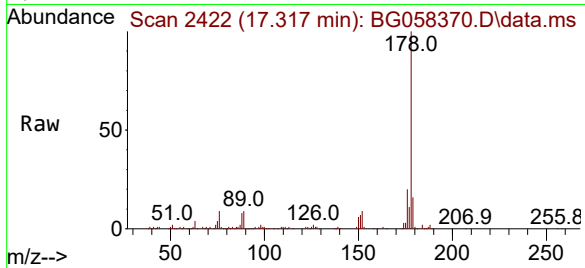




#72
Phenanthrene
Concen: 7.332 ng/ul
RT: 17.317 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG058370.D
Acq: 20 Jul 2023 22:28

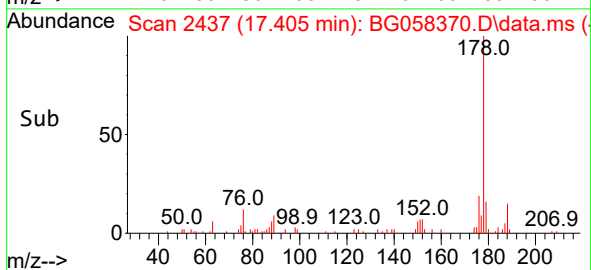
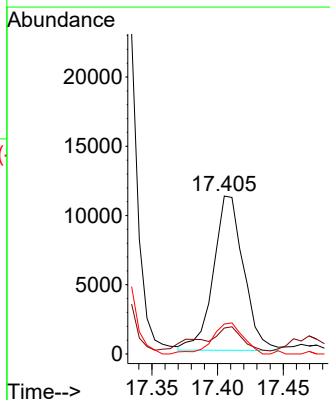
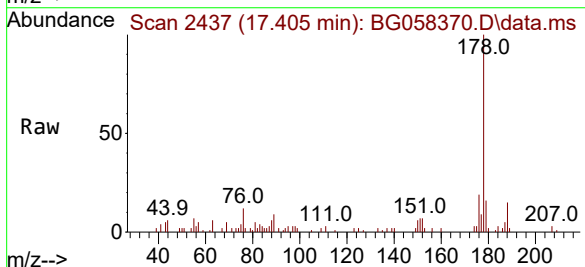
Instrument :
BNA_N
ClientSampleId :

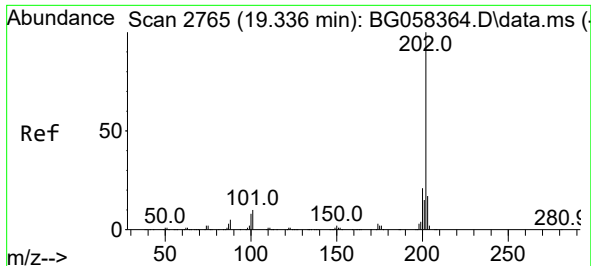
Tgt Ion:178 Resp: 116550
Ion Ratio Lower Upper
178 100
179 16.1 11.9 17.9
176 19.5 15.8 23.8



#74
Anthracene
Concen: 1.120 ng/ul
RT: 17.405 min Scan# 2437
Delta R.T. -0.012 min
Lab File: BG058370.D
Acq: 20 Jul 2023 22:28

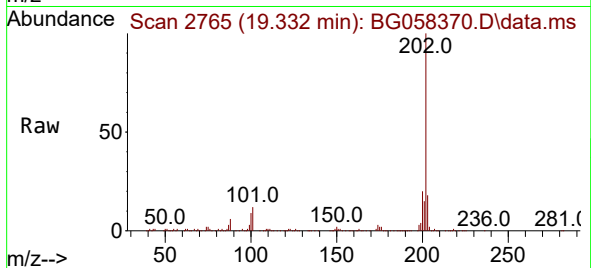
Tgt Ion:178 Resp: 17873
Ion Ratio Lower Upper
178 100
179 16.5 13.4 20.2
176 19.0 16.2 24.2



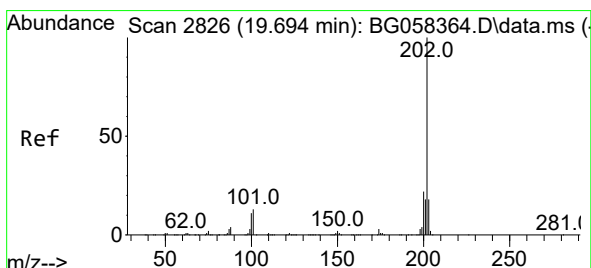
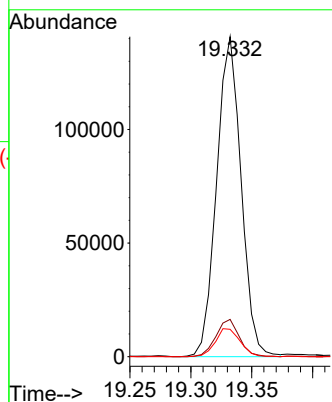
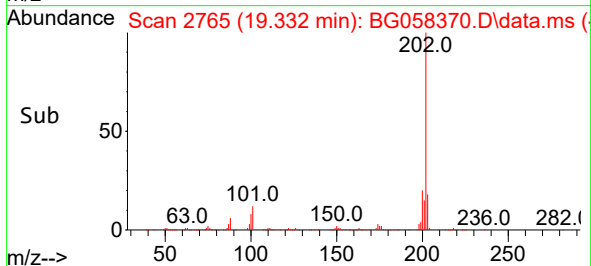


#80
Fluoranthene
Concen: 10.706 ng/ul
RT: 19.332 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058370.D
Acq: 20 Jul 2023 22:28

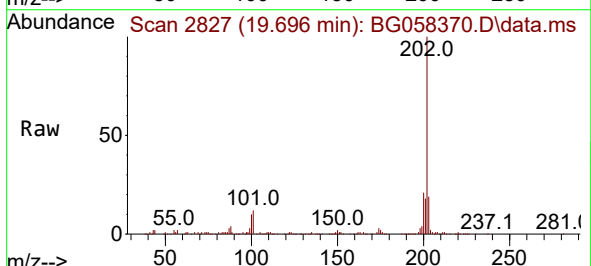
Instrument :
BNA_N
ClientSampleId :



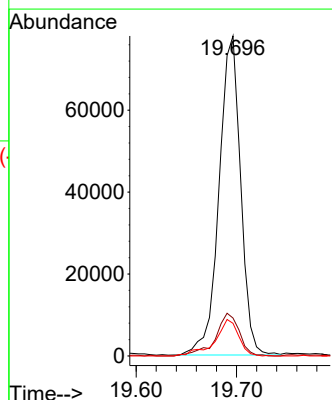
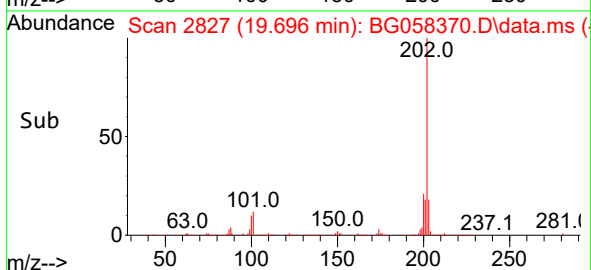
Tgt Ion:202 Resp: 196982
Ion Ratio Lower Upper
202 100
101 11.6 8.6 12.8
100 8.5 7.2 10.8

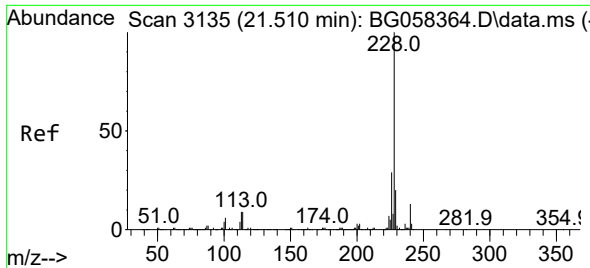


#82
Pyrene
Concen: 6.231 ng/ul
RT: 19.696 min Scan# 2827
Delta R.T. -0.000 min
Lab File: BG058370.D
Acq: 20 Jul 2023 22:28



Tgt Ion:202 Resp: 116173
Ion Ratio Lower Upper
202 100
101 11.8 10.2 15.2
100 10.2 8.9 13.3

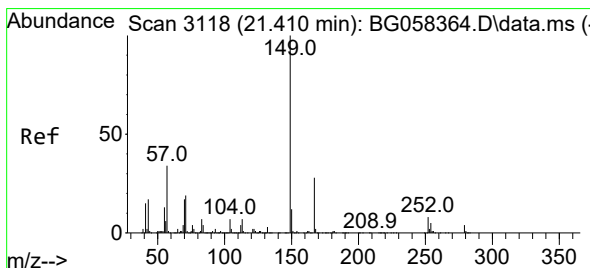
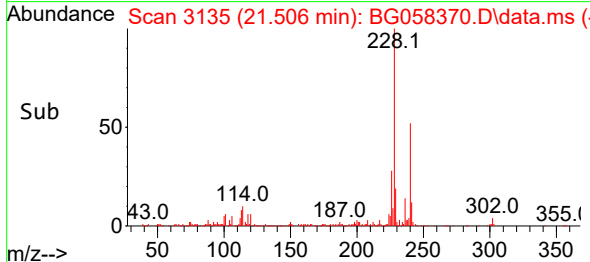
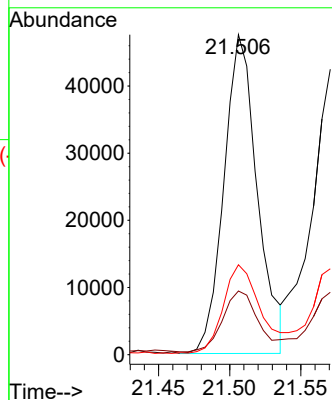
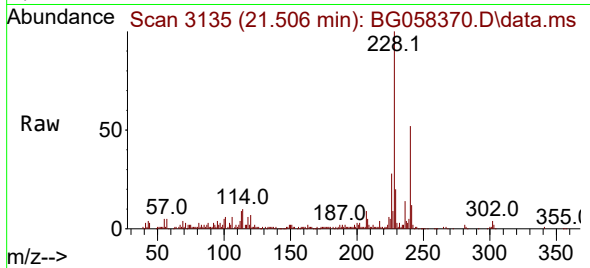




#85
Benzo(a)anthracene
Concen: 4.254 ng/ul
RT: 21.506 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BG058370.D
Acq: 20 Jul 2023 22:28

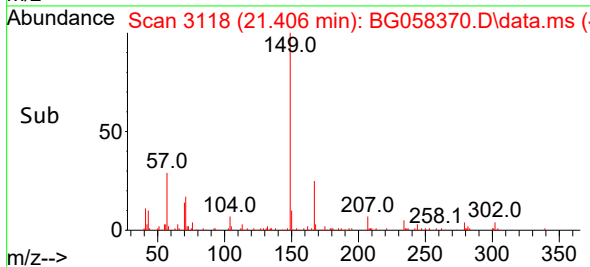
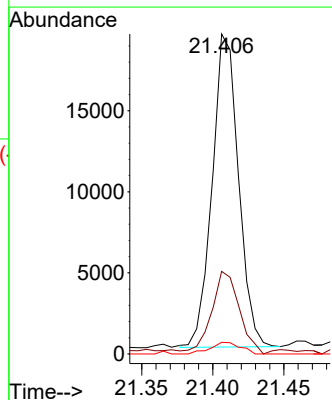
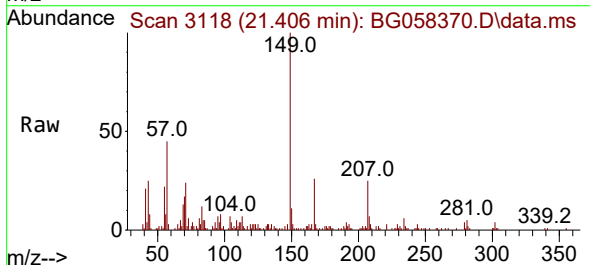
Instrument :
BNA_N
ClientSampleId :

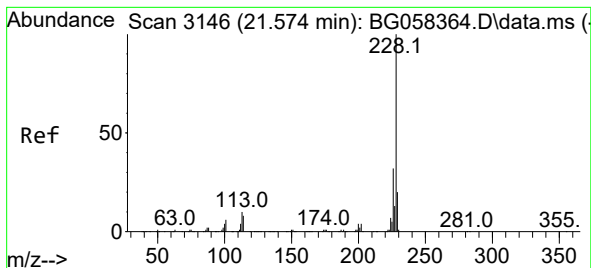
Tgt Ion:228 Resp: 77757
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 28.1 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.378 ng/ul
RT: 21.406 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BG058370.D
Acq: 20 Jul 2023 22:28

Tgt Ion:149 Resp: 24829
Ion Ratio Lower Upper
149 100
167 25.8 21.6 32.4
279 3.7 3.0 4.4





#87

Chrysene

Concen: 4.326 ng/ul

RT: 21.571 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BG058370.D

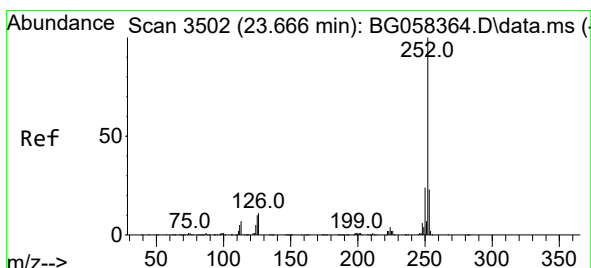
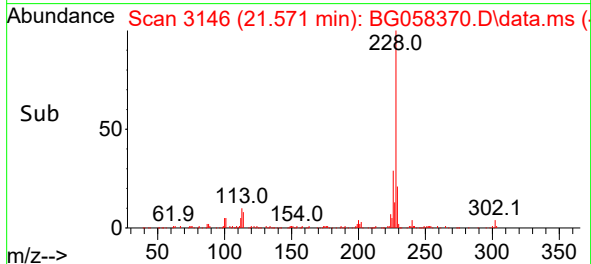
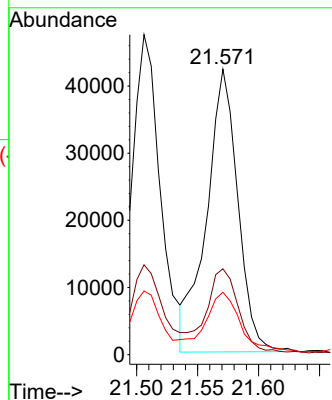
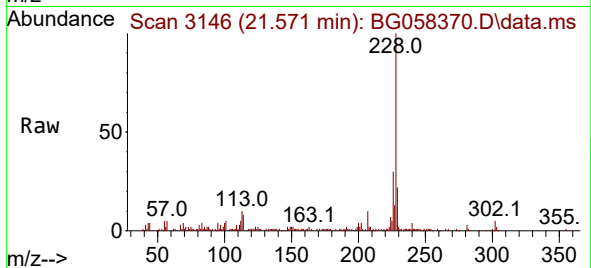
Acq: 20 Jul 2023 22:28

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:228	Resp:	75006
Ion Ratio	Lower	Upper
228	100	
226	30.1	24.0 36.0
229	21.8	15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 5.028 ng/ul

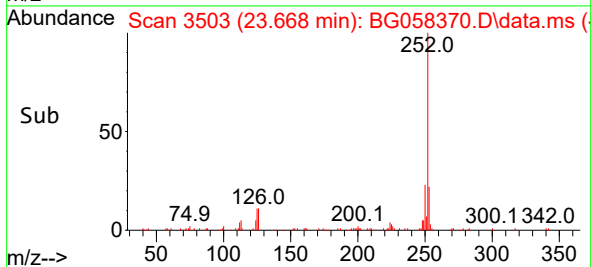
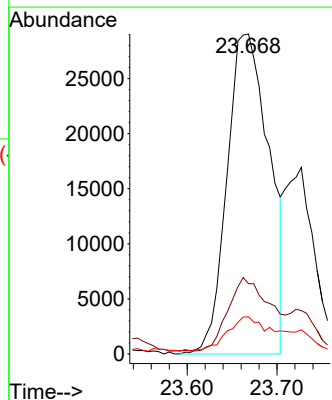
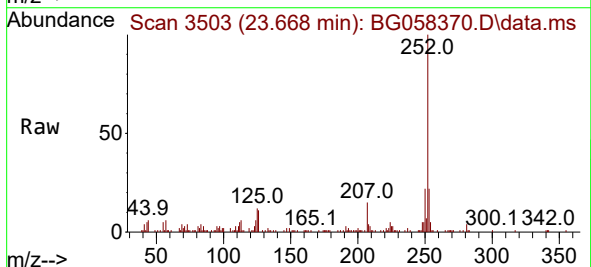
RT: 23.668 min Scan# 3503

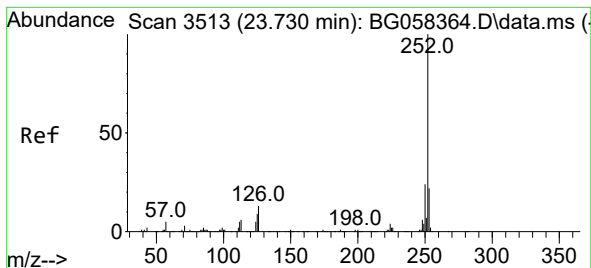
Delta R.T. -0.000 min

Lab File: BG058370.D

Acq: 20 Jul 2023 22:28

Tgt Ion:252	Resp:	94513
Ion Ratio	Lower	Upper
252	100	
253	22.0	17.9 26.9
125	11.6	6.7 10.1





#91

Benzo(k)fluoranthene

Concen: 5.042 ng/ul

RT: 23.668 min Scan# 3513

Delta R.T. -0.065 min

Lab File: BG058370.D

Acq: 20 Jul 2023 22:28

Instrument :

BNA_N

ClientSampleId :

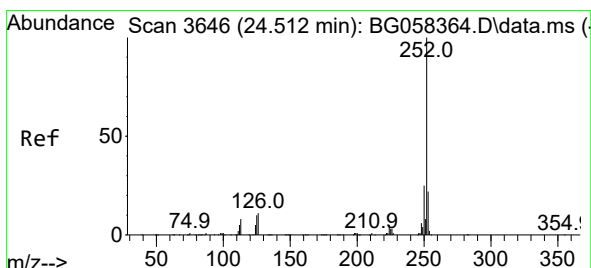
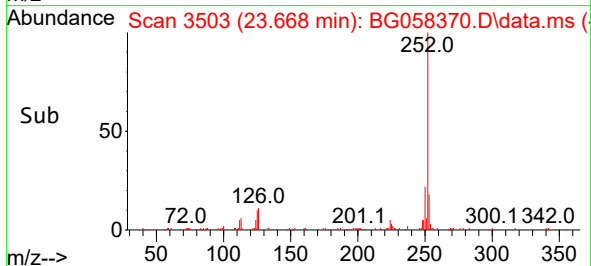
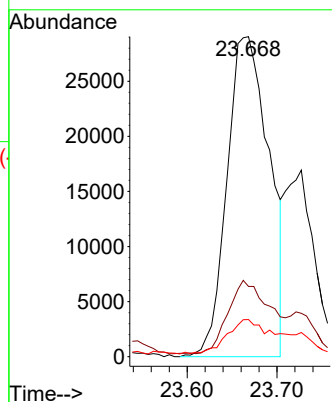
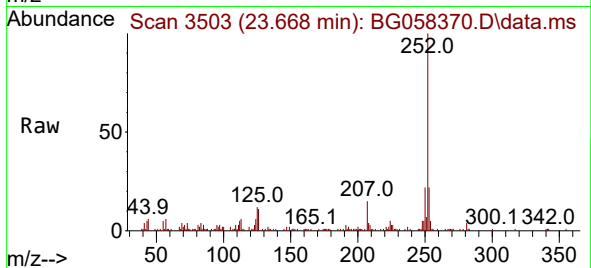
Tgt Ion:252 Resp: 94513

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

125 11.6 7.4 11.0#



#93

Benzo(a)pyrene

Concen: 1.058 ng/ul

RT: 24.508 min Scan# 3646

Delta R.T. -0.012 min

Lab File: BG058370.D

Acq: 20 Jul 2023 22:28

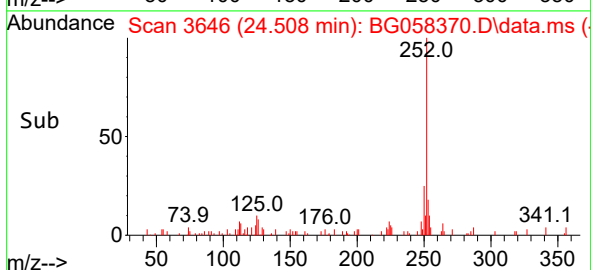
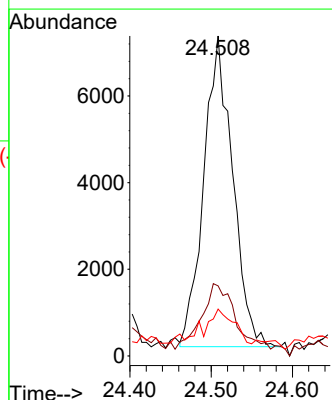
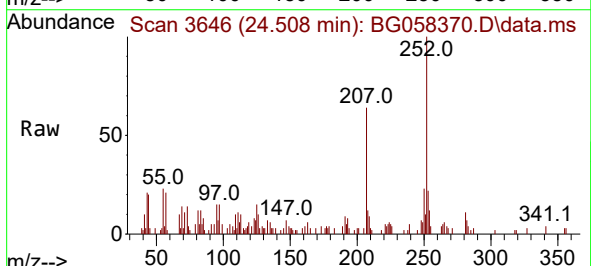
Tgt Ion:252 Resp: 17686

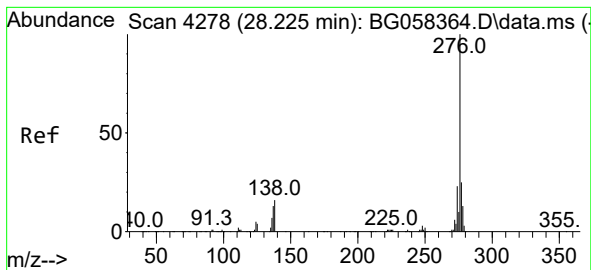
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 14.7 7.7 11.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.300 ng/ul

RT: 28.222 min Scan# 41

Delta R.T. -0.006 min

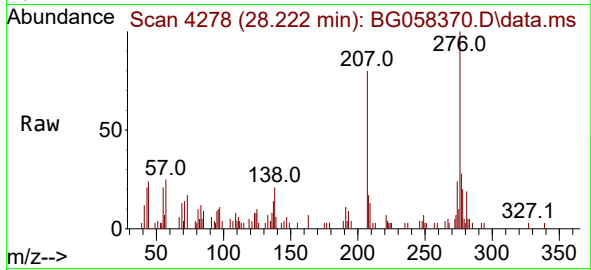
Lab File: BG058370.D

Acq: 20 Jul 2023 22:28

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:276 Resp: 28624

Ion Ratio Lower Upper

276 100

138 20.7 13.8 20.6#

277 28.0 19.2 28.8

