

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058310.D
 Acq On : 18 Jul 2023 21:14
 Operator : CG/JU
 Sample : 03644-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 04:18:09 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)

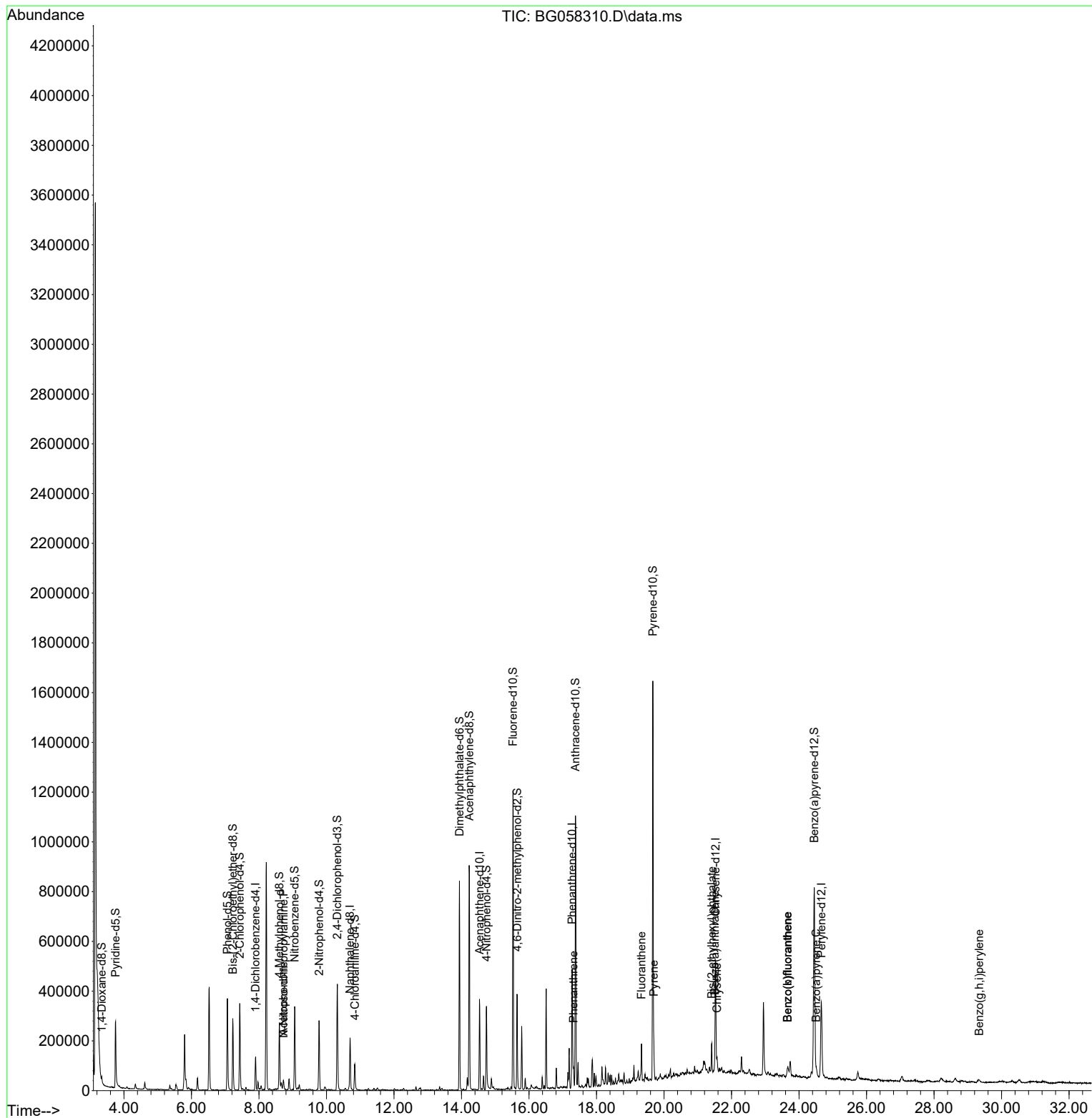
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	38964	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	179019	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	129083	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	306658	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	260191	20.000	ng/ul	0.00
88) Perylene-d12	24.662	264	309750	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	10750	10.155	ng/uL	0.00
4) Pyridine-d5	3.751	84	160763	51.163	ng/ul	0.00
7) Phenol-d5	7.065	99	239089	64.684	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	142639	61.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.429	132	164863	63.719	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	108577	38.511	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	85091	63.413	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	95437	65.148	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	166511	59.294	ng/ul	0.00
31) 4-Chloroaniline-d4	10.837	131	64715	15.896	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	557237	55.982	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	631908	60.578	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	93837	62.422	ng/ul	0.00
60) Fluorene-d10	15.526	176	508171	61.664	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	90172	57.715	ng/ul	0.00
73) Anthracene-d10	17.377	188	685830	51.760	ng/ul	0.00
81) Pyrene-d10	19.668	212	916771	59.655	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.451	264	821940	54.902	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.722	105	19855	4.135	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.734	70	5081	1.934	ng/ul#	60
72) Phenanthrene	17.318	178	42525	2.918	ng/ul	95
80) Fluoranthene	19.333	202	90607	5.147	ng/ul	99
82) Pyrene	19.697	202	81546	4.571	ng/ul	99
85) Benzo(a)anthracene	21.507	228	34165	1.954	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.413	149	42247	4.229	ng/ul	100
87) Chrysene	21.572	228	38093	2.296	ng/ul	97
90) Benzo(b)fluoranthene	23.663	252	45104	2.517	ng/ul	98
91) Benzo(k)fluoranthene	23.663	252	45104	2.523	ng/ul	100
93) Benzo(a)pyrene	24.509	252	27752	1.741	ng/ul#	92
96) Benzo(g,h,i)perylene	29.339	276	23376	1.366	ng/ul#	91

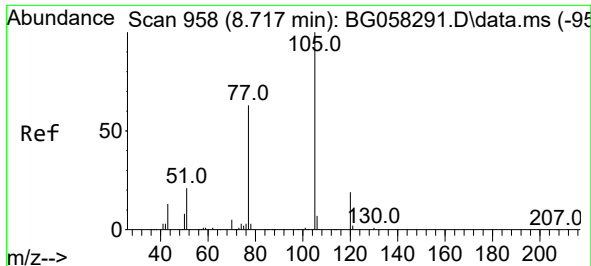
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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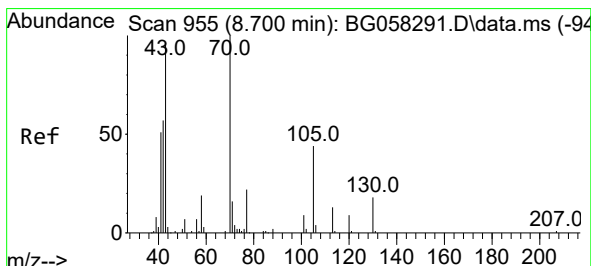
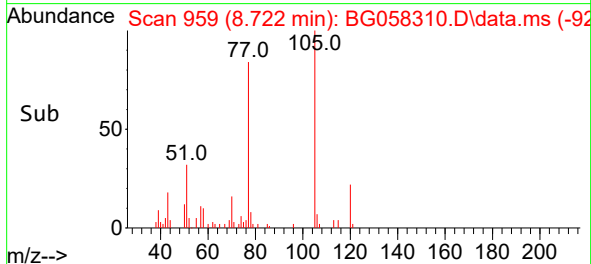
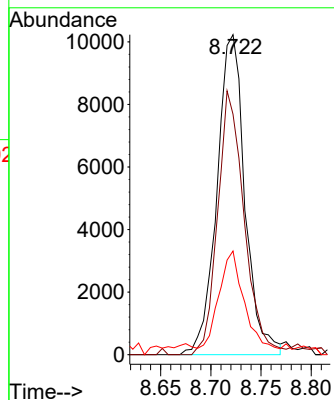
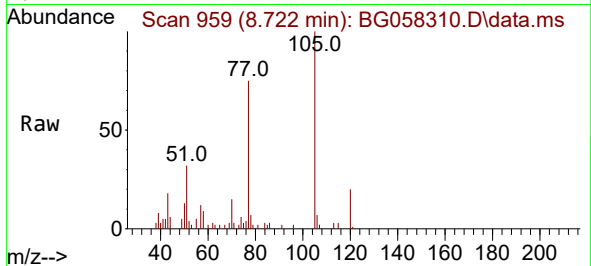




#16
Acetophenone
Concen: 4.135 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG058310.D
Acq: 18 Jul 2023 21:14

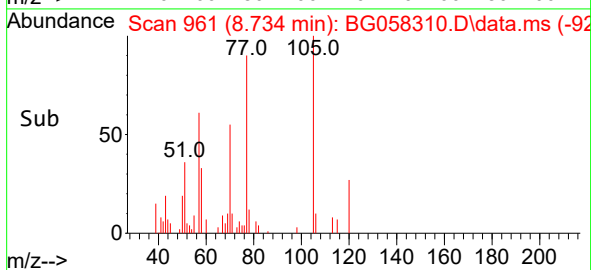
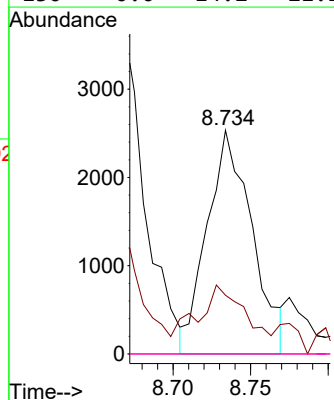
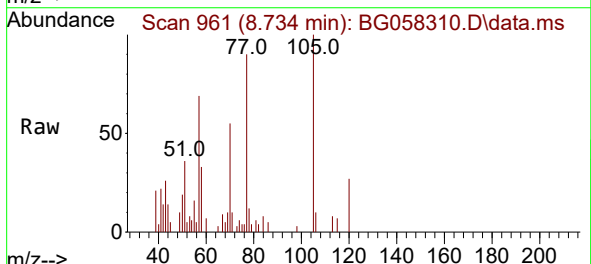
Instrument :
BNA_M
ClientSampleId :

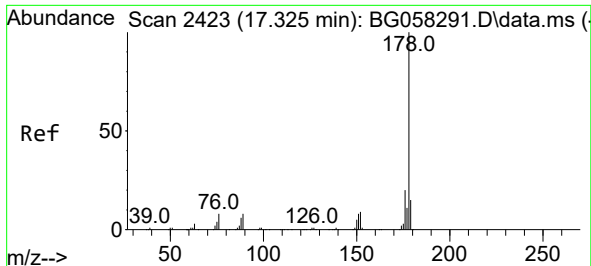
Tgt Ion	Ratio	Lower	Upper
105	100		
77	75.1	60.7	91.1
51	32.4	23.5	35.3



#17
N-Nitroso-di-n-propylamine
Concen: 1.934 ng/ul
RT: 8.734 min Scan# 961
Delta R.T. 0.030 min
Lab File: BG058310.D
Acq: 18 Jul 2023 21:14

Tgt Ion	Ratio	Lower	Upper
70	100		
42	26.3	46.6	69.8#
101	0.0	7.3	10.9#
130	0.0	14.2	21.2#

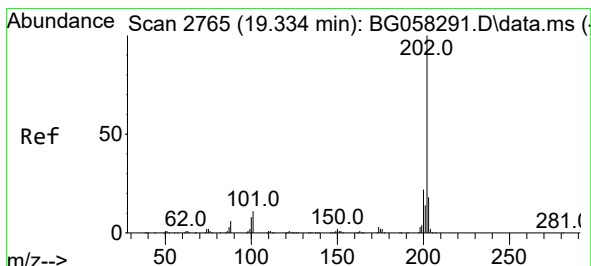
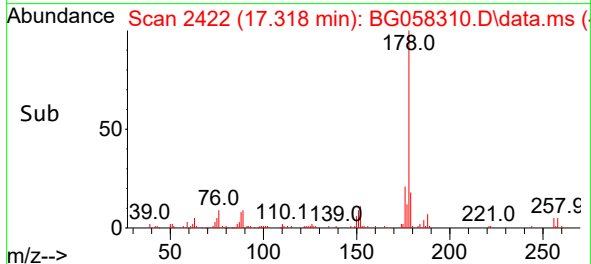
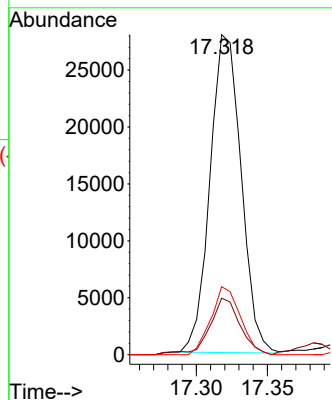
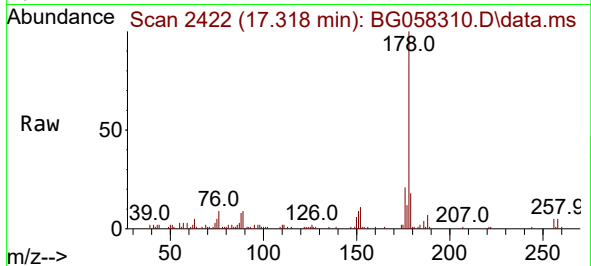




#72
Phenanthrene
Concen: 2.918 ng/ul
RT: 17.318 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG058310.D
Acq: 18 Jul 2023 21:14

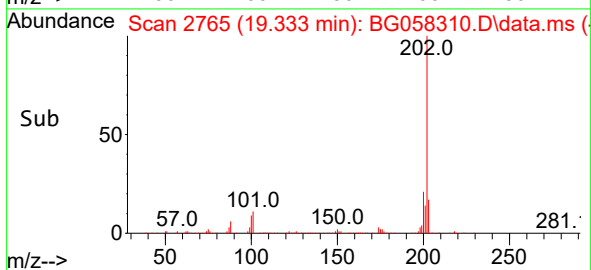
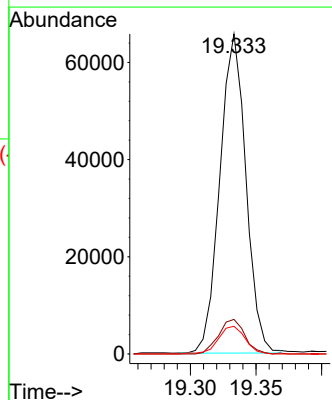
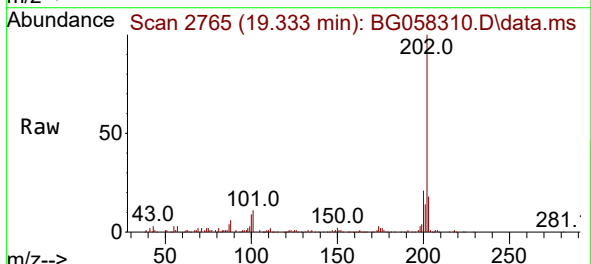
Instrument :
BNA_M
ClientSampleId :

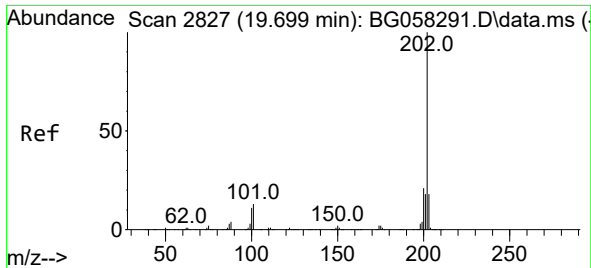
Tgt Ion:178 Resp: 42525
Ion Ratio Lower Upper
178 100
179 17.7 11.9 17.9
176 21.3 15.8 23.8



#80
Fluoranthene
Concen: 5.147 ng/ul
RT: 19.333 min Scan# 2765
Delta R.T. 0.001 min
Lab File: BG058310.D
Acq: 18 Jul 2023 21:14

Tgt Ion:202 Resp: 90607
Ion Ratio Lower Upper
202 100
101 10.8 8.6 12.8
100 8.7 7.2 10.8

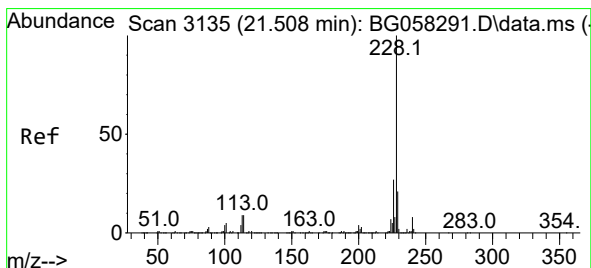
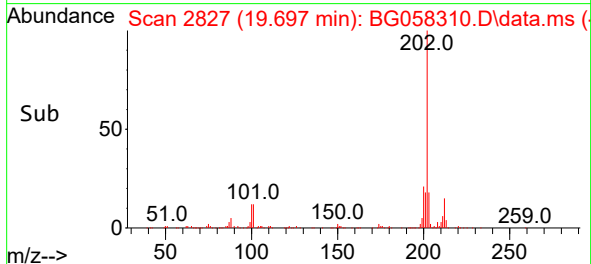
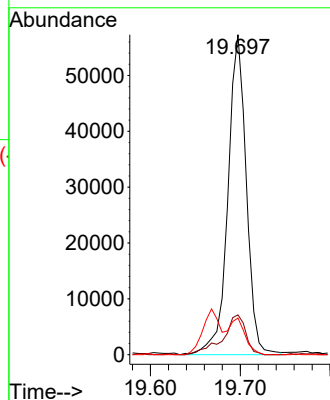
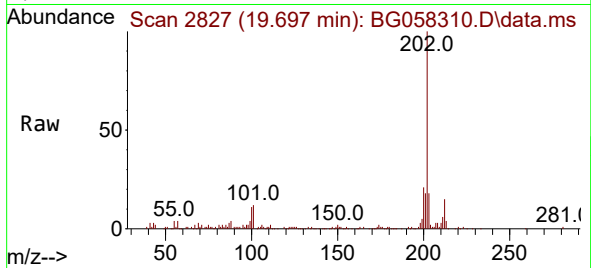




#82
 Pyrene
 Concen: 4.571 ng/ul
 RT: 19.697 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058310.D
 Acq: 18 Jul 2023 21:14

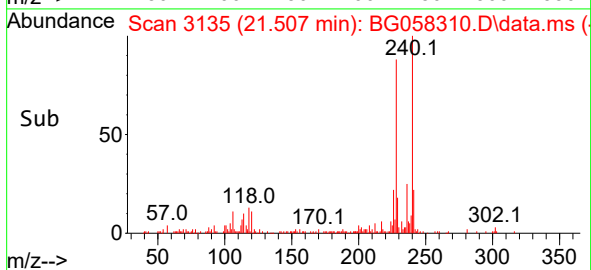
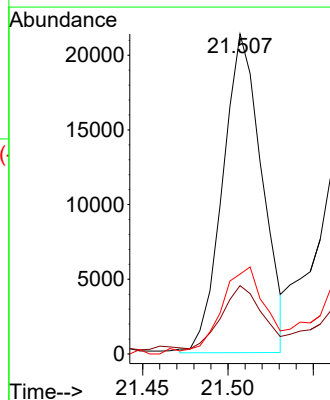
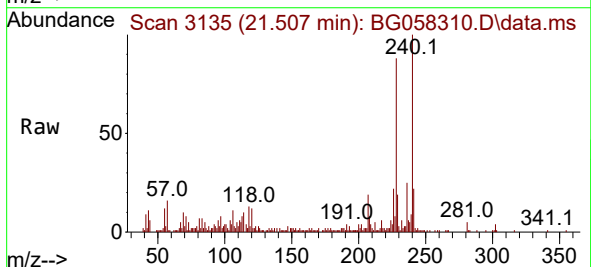
Instrument :
 BNA_M
 ClientSampleId :

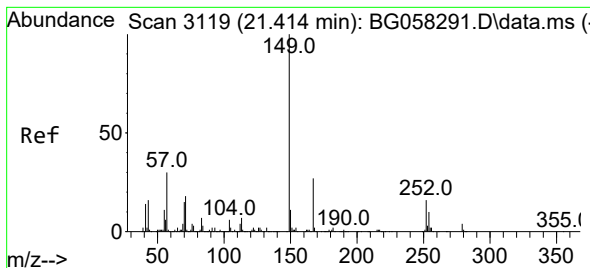
Tgt Ion:202 Resp: 81546
 Ion Ratio Lower Upper
 202 100
 101 12.4 10.2 15.2
 100 11.5 8.9 13.3



#85
 Benzo(a)anthracene
 Concen: 1.954 ng/ul
 RT: 21.507 min Scan# 3135
 Delta R.T. -0.005 min
 Lab File: BG058310.D
 Acq: 18 Jul 2023 21:14

Tgt Ion:228 Resp: 34165
 Ion Ratio Lower Upper
 228 100
 229 21.3 15.7 23.5
 226 24.9 21.8 32.8

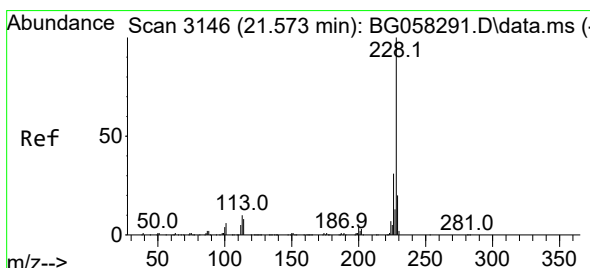
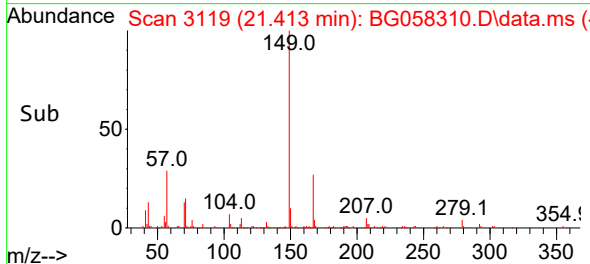
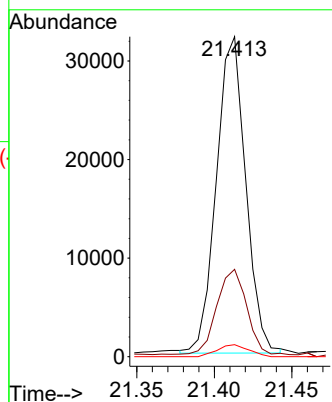
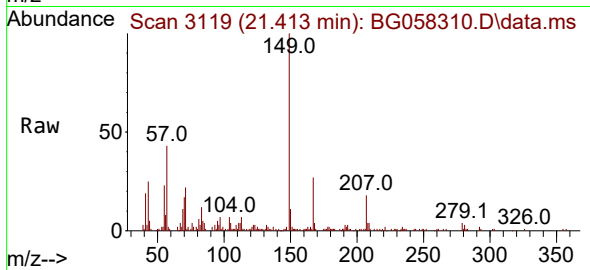




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.229 ng/ul
 RT: 21.413 min Scan# 3119
 Delta R.T. 0.001 min
 Lab File: BG058310.D
 Acq: 18 Jul 2023 21:14

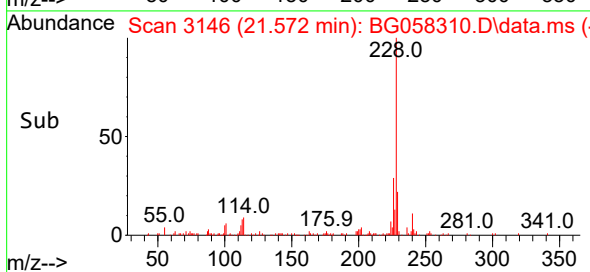
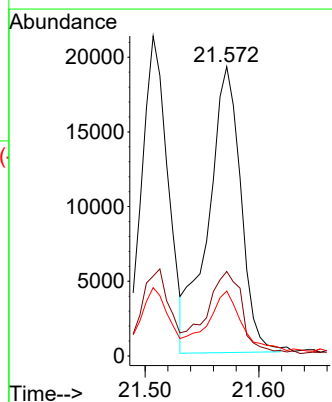
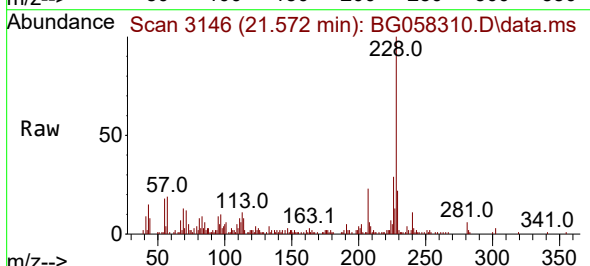
Instrument :
 BNA_M
 ClientSampleId :

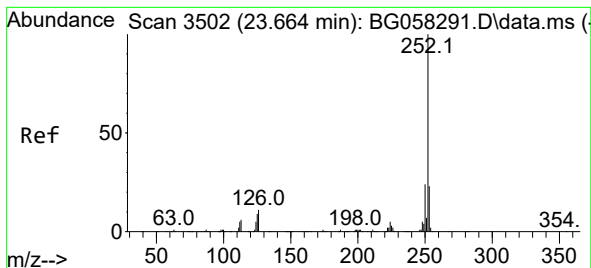
Tgt Ion:149 Resp: 42247
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.6 32.4
 279 3.7 3.0 4.4



#87
 Chrysene
 Concen: 2.296 ng/ul
 RT: 21.572 min Scan# 3146
 Delta R.T. -0.005 min
 Lab File: BG058310.D
 Acq: 18 Jul 2023 21:14

Tgt Ion:228 Resp: 38093
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.0 36.0
 229 22.5 15.8 23.8





#90

Benzo(b)fluoranthene

Concen: 2.517 ng/ul

RT: 23.663 min Scan# 3502

Delta R.T. -0.005 min

Lab File: BG058310.D

Acq: 18 Jul 2023 21:14

Instrument :

BNA_M

ClientSampleId :

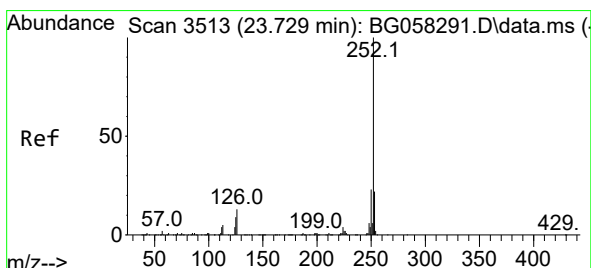
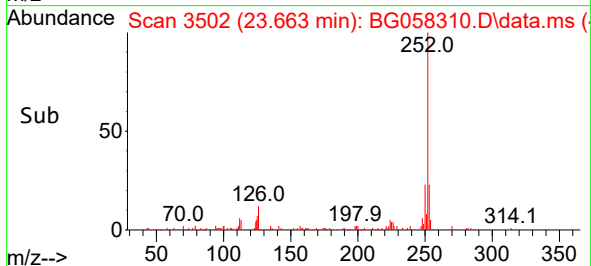
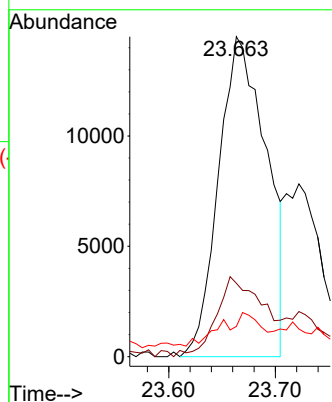
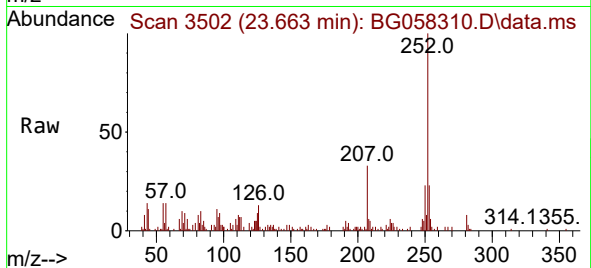
Tgt Ion:252 Resp: 45104

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 9.4 6.7 10.1



#91

Benzo(k)fluoranthene

Concen: 2.523 ng/ul

RT: 23.663 min Scan# 3502

Delta R.T. -0.070 min

Lab File: BG058310.D

Acq: 18 Jul 2023 21:14

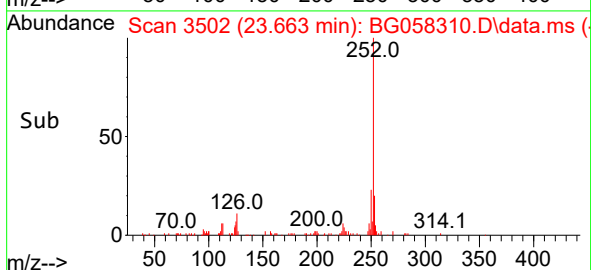
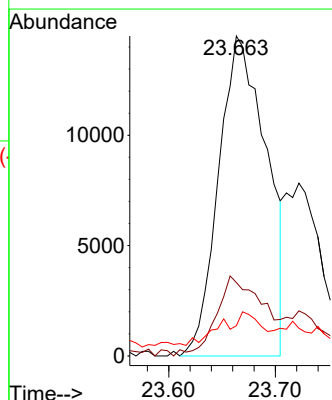
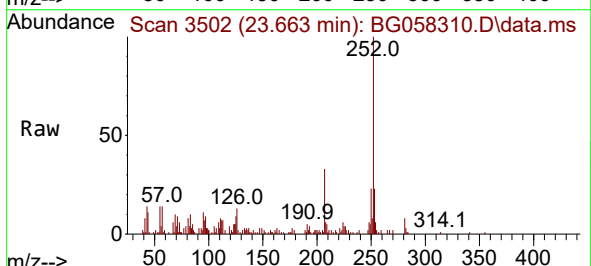
Tgt Ion:252 Resp: 45104

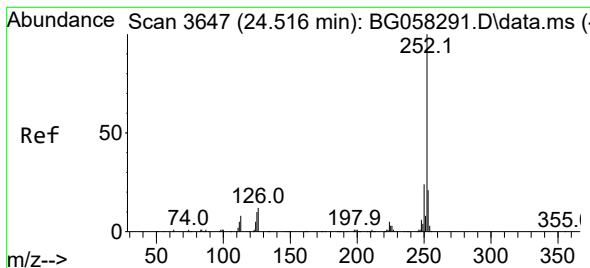
Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

125 9.4 7.4 11.0





#93

Benzo(a)pyrene

Concen: 1.741 ng/ul

RT: 24.509 min Scan# 3646

Delta R.T. -0.011 min

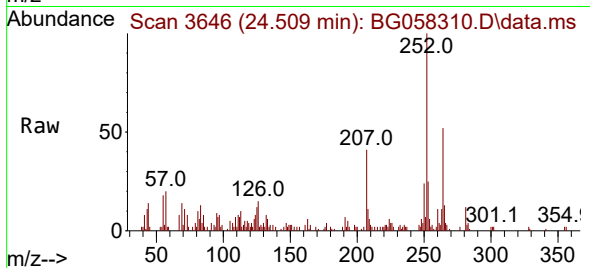
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Acq: 18 Jul 2023 21:14

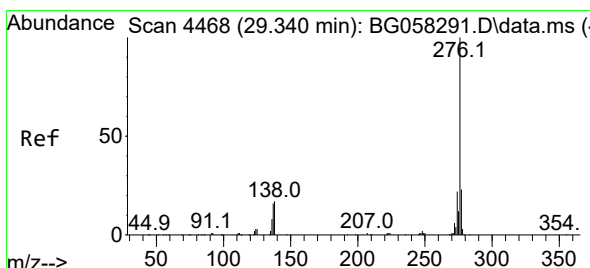
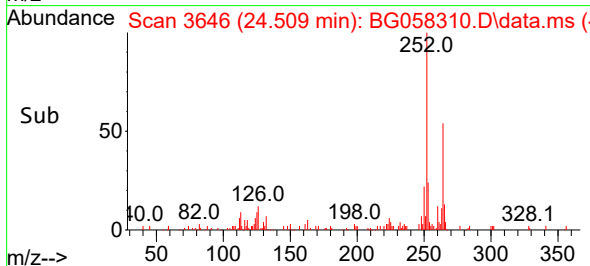
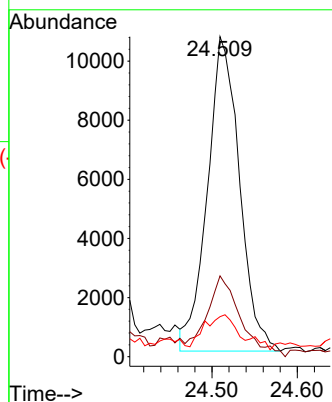
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	252	Resp:	27752
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.4	26.0
125	12.5	7.7	11.5#



#96

Benzo(g,h,i)perylene

Concen: 1.366 ng/ul

RT: 29.339 min Scan# 4468

Delta R.T. -0.011 min

Lab File: BG058310.D

Acq: 18 Jul 2023 21:14

Tgt Ion:	276	Resp:	23376
Ion Ratio	Lower	Upper	
276	100		
138	14.4	13.5	20.3
277	18.6	19.4	29.2#

