

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058312.D
 Acq On : 18 Jul 2023 22:37
 Operator : CG/JU
 Sample : 03644-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 04:18:33 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)

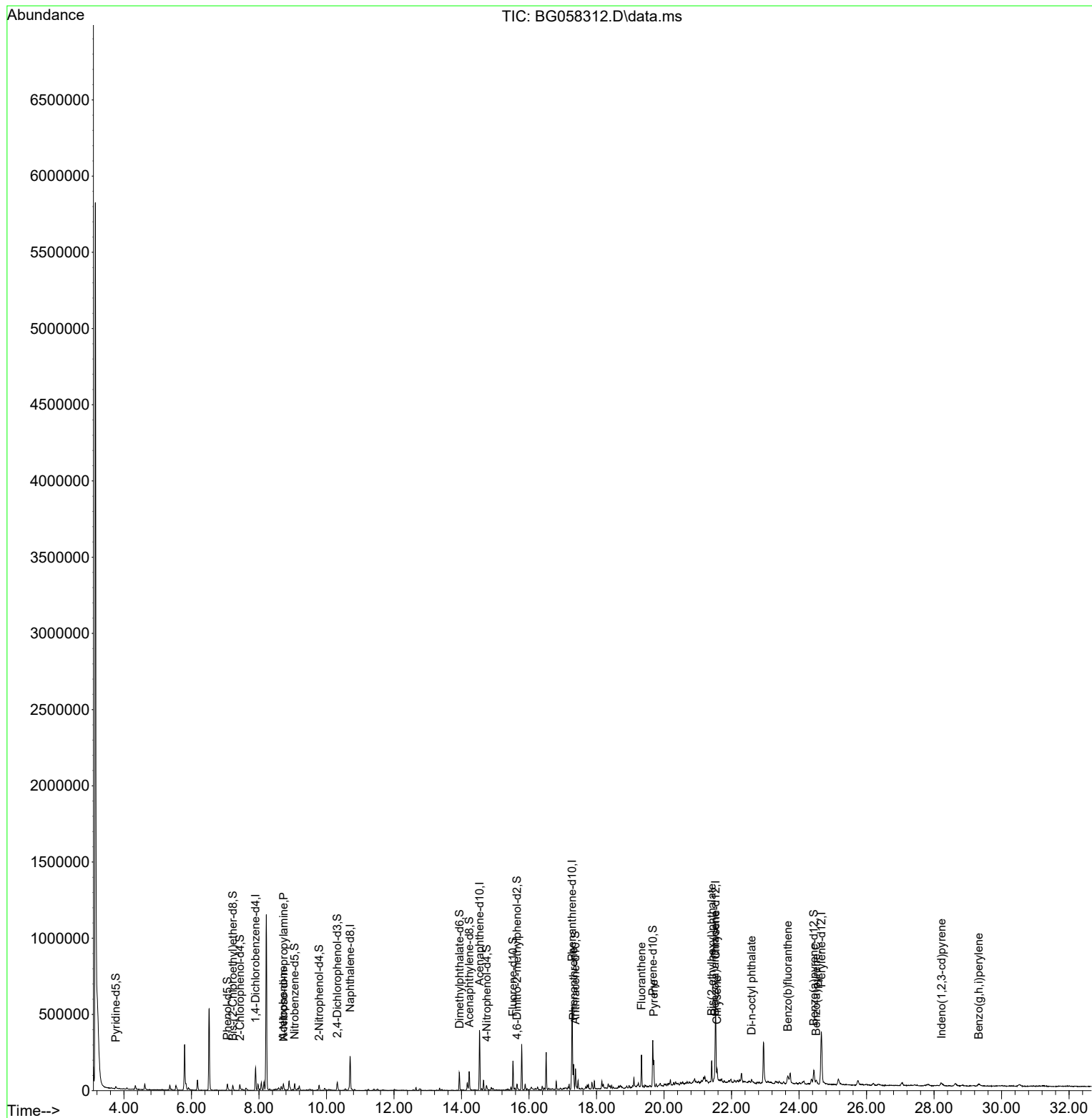
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	42440	20.000	ng/ul	0.00
20) Naphthalene-d8	10.702	136	192492	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	143004	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.276	188	340211	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240	290077	20.000	ng/ul	0.00
88) Perylene-d12	24.662	264	349502	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	896	0.777	ng/uL	0.00
4) Pyridine-d5	3.757	84	7364	2.152	ng/ul	0.00
7) Phenol-d5	7.065	99	24239	6.021	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.223	67	17009	6.759	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	18042	6.402	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	2627	0.855	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	9757	6.762	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143	10346	6.568	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	18484	6.121	ng/ul	0.00
31) 4-Chloroaniline-d4	10.702	131	239	0.055	ng/ul	-0.13
46) Dimethylphthalate-d6	13.939	166	81434	7.385	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	83957	7.265	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	8584	5.154	ng/ul	0.00
60) Fluorene-d10	15.526	176	75036	8.219	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	9105	5.253	ng/ul	0.00
73) Anthracene-d10	17.376	188	80671	5.488	ng/ul	0.00
81) Pyrene-d10	19.668	212	153795	8.977	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.439	264	92543	5.478	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.716	105	18324	3.504	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.733	70	4673	1.633	ng/ul#	55
72) Phenanthrene	17.318	178	95590	5.912	ng/ul	100
80) Fluoranthene	19.333	202	127658	6.504	ng/ul	98
82) Pyrene	19.697	202	108562	5.459	ng/ul	97
85) Benzo(a)anthracene	21.507	228	48549	2.490	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	56665	5.087	ng/ul	99
87) Chrysene	21.571	228	52440	2.836	ng/ul	96
89) Di-n-octyl phthalate	22.594	149	19596	1.054	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	62620	3.097	ng/ul#	94
93) Benzo(a)pyrene	24.509	252	28057	1.560	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.222	276	28864	1.218	ng/ul	97
96) Benzo(g,h,i)perylene	29.327	276	28730	1.488	ng/ul	95

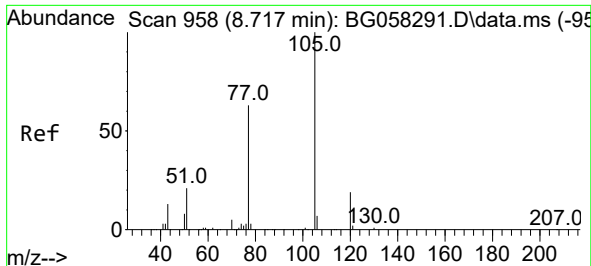
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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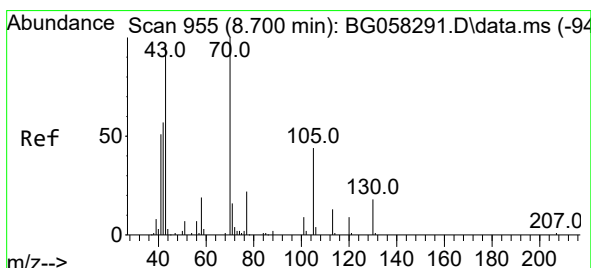
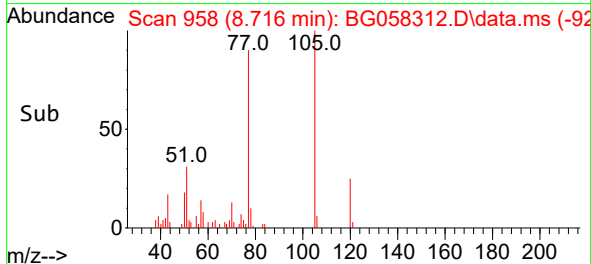
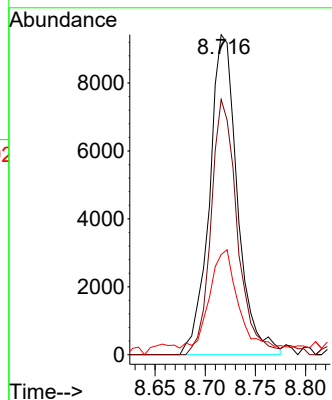
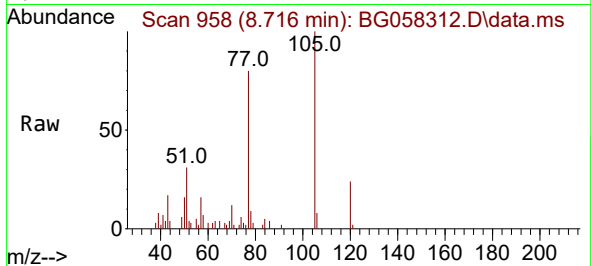




#16
Acetophenone
Concen: 3.504 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

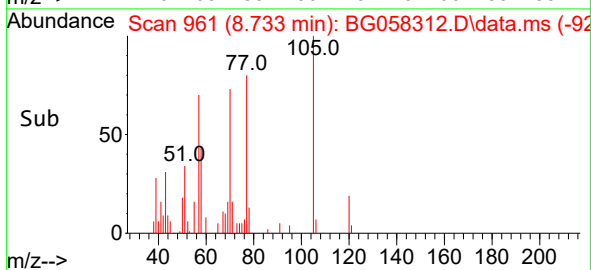
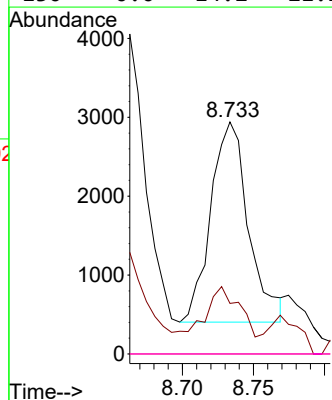
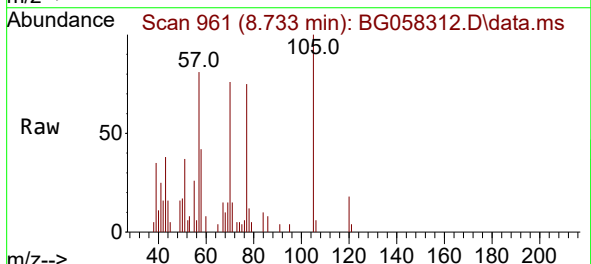
Instrument :
BNA_M
ClientSampleId :

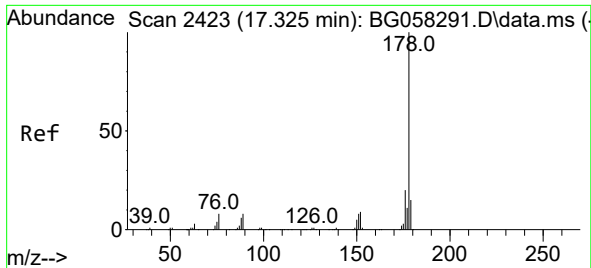
Tgt Ion:105 Resp: 18324
Ion Ratio Lower Upper
105 100
77 79.7 60.7 91.1
51 31.3 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 1.633 ng/ul
RT: 8.733 min Scan# 961
Delta R.T. 0.030 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

Tgt Ion: 70 Resp: 4673
Ion Ratio Lower Upper
70 100
42 21.8 46.6 69.8#
101 0.0 7.3 10.9#
130 0.0 14.2 21.2#

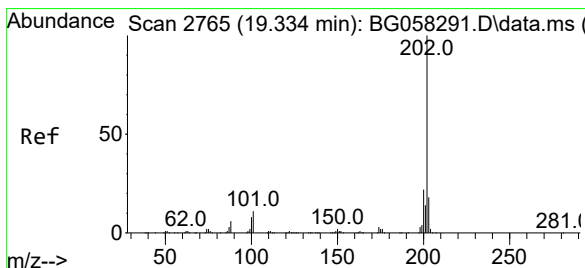
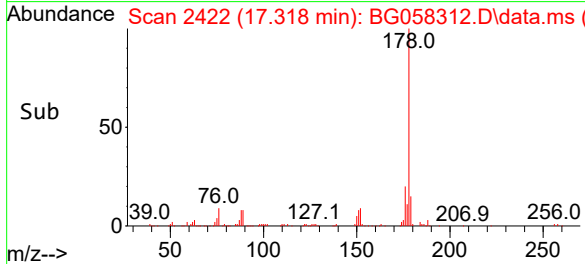
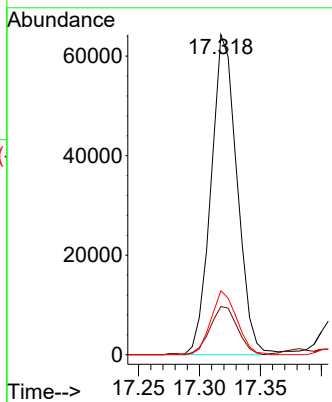
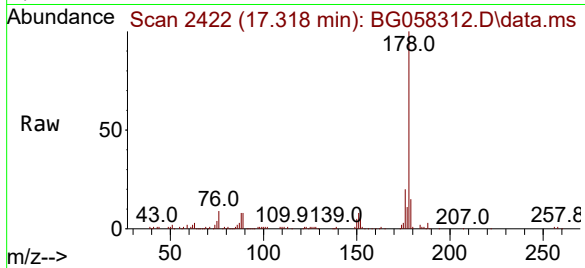




#72
Phenanthrene
Concen: 5.912 ng/ul
RT: 17.318 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

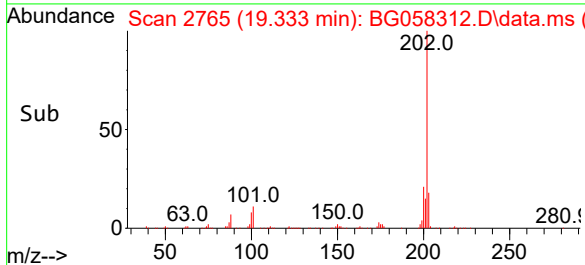
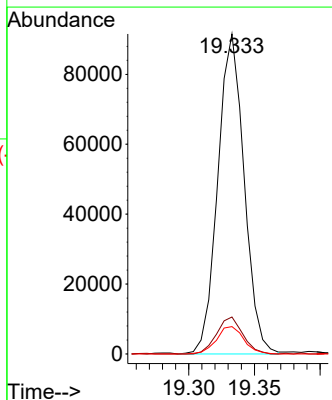
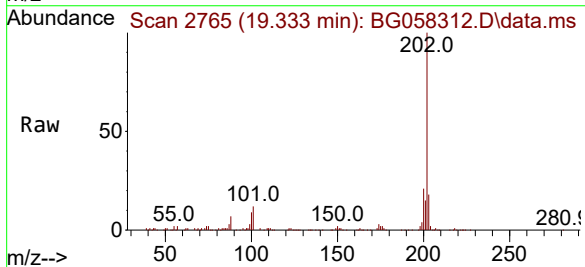
Instrument :
BNA_M
ClientSampleId :

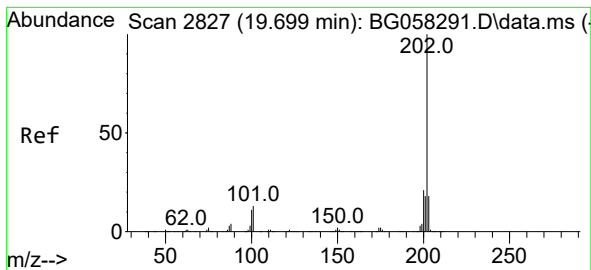
Tgt Ion:178 Resp: 95590
Ion Ratio Lower Upper
178 100
179 15.1 11.9 17.9
176 20.0 15.8 23.8



#80
Fluoranthene
Concen: 6.504 ng/ul
RT: 19.333 min Scan# 2765
Delta R.T. 0.000 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

Tgt Ion:202 Resp: 127658
Ion Ratio Lower Upper
202 100
101 11.6 8.6 12.8
100 8.6 7.2 10.8





#82

Pyrene

Concen: 5.459 ng/ul

RT: 19.697 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058312.D

Acq: 18 Jul 2023 22:37

Instrument :

BNA_M

ClientSampleId :

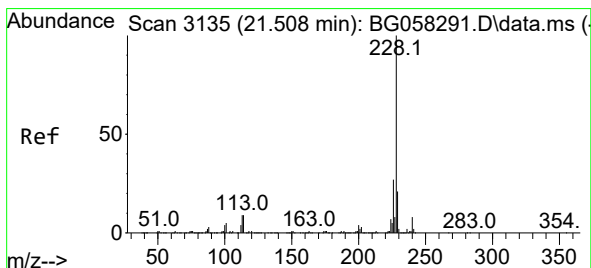
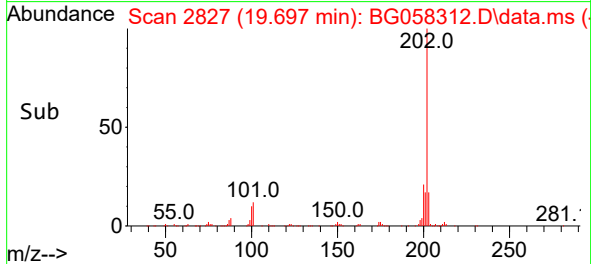
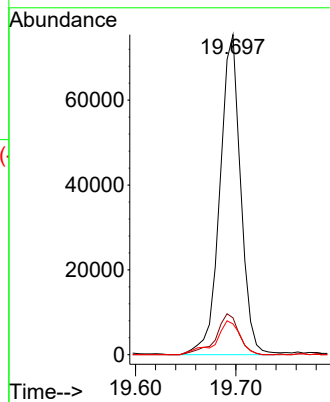
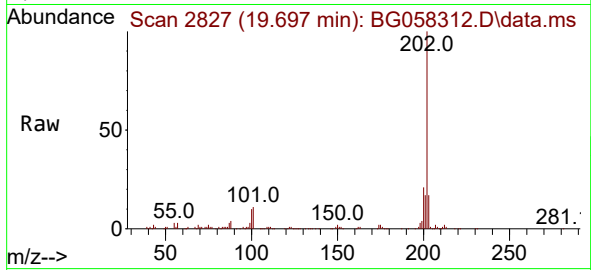
Tgt Ion:202 Resp: 108562

Ion Ratio Lower Upper

202 100

101 11.5 10.2 15.2

100 9.6 8.9 13.3



#85

Benzo(a)anthracene

Concen: 2.490 ng/ul

RT: 21.507 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BG058312.D

Acq: 18 Jul 2023 22:37

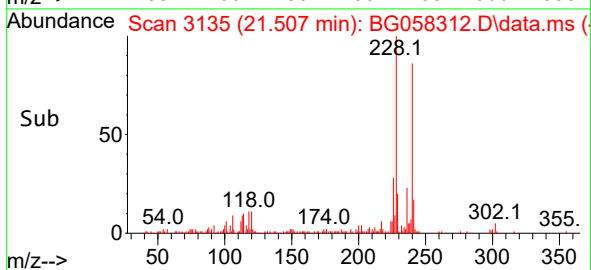
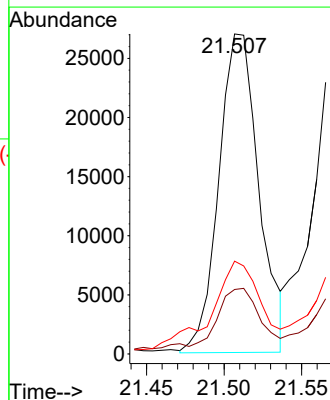
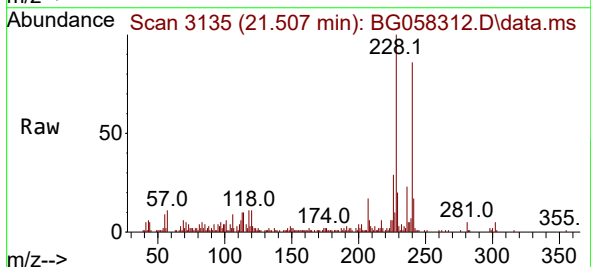
Tgt Ion:228 Resp: 48549

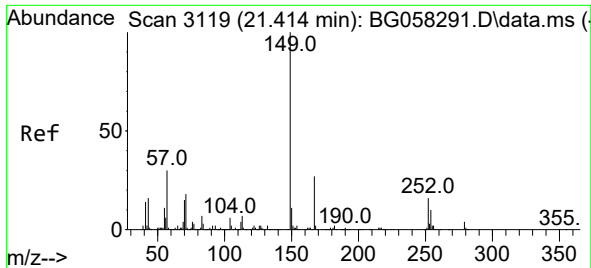
Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

226 29.0 21.8 32.8

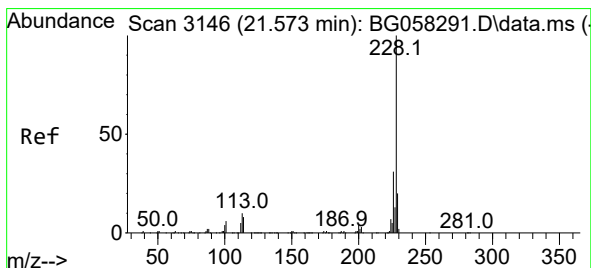
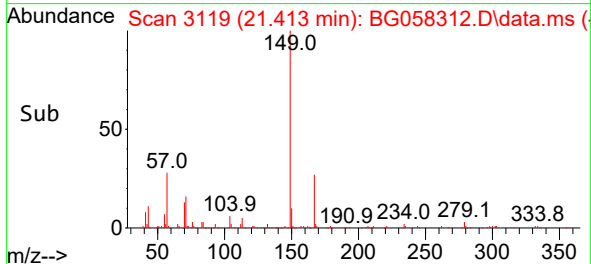
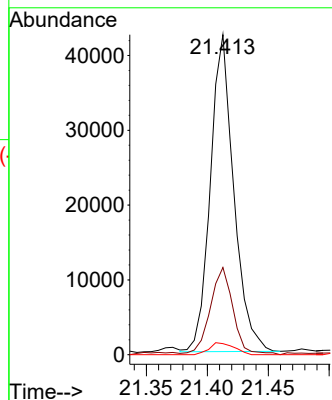
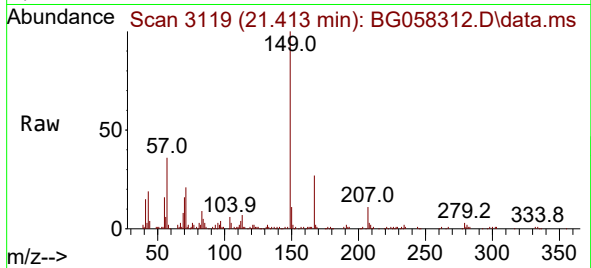




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 5.087 ng/ul
 RT: 21.413 min Scan# 3119
 Delta R.T. 0.000 min
 Lab File: BG058312.D
 Acq: 18 Jul 2023 22:37

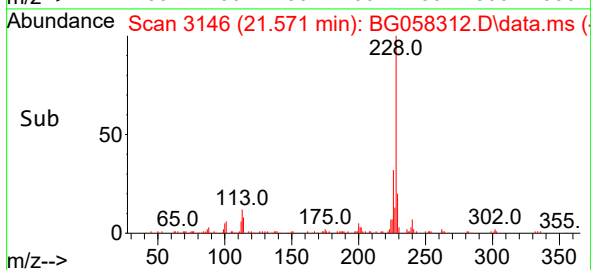
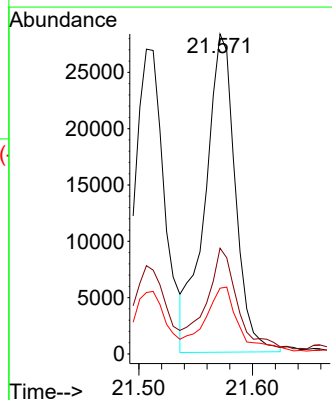
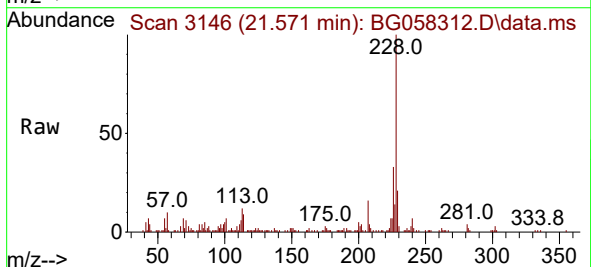
Instrument :
 BNA_M
 ClientSampleId :

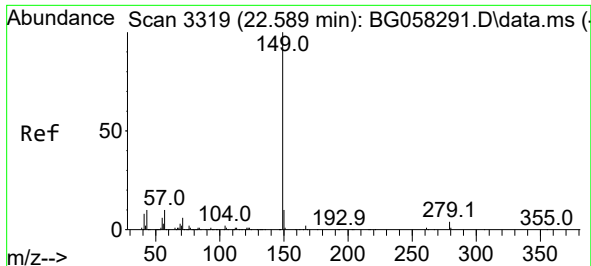
Tgt Ion:149 Resp: 56665
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.6 32.4
 279 3.5 3.0 4.4



#87
 Chrysene
 Concen: 2.836 ng/ul
 RT: 21.571 min Scan# 3146
 Delta R.T. -0.006 min
 Lab File: BG058312.D
 Acq: 18 Jul 2023 22:37

Tgt Ion:228 Resp: 52440
 Ion Ratio Lower Upper
 228 100
 226 33.1 24.0 36.0
 229 20.5 15.8 23.8

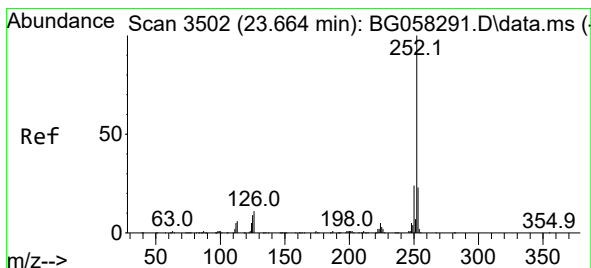
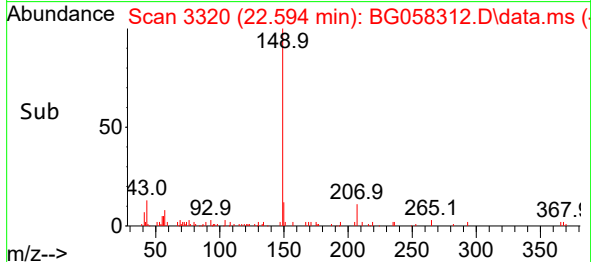
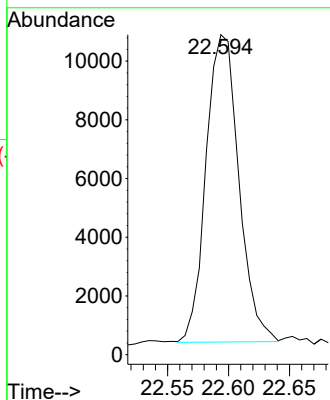
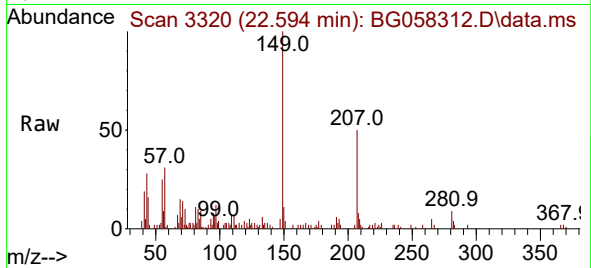




#89
Di-n-octyl phthalate
Concen: 1.054 ng/ul
RT: 22.594 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

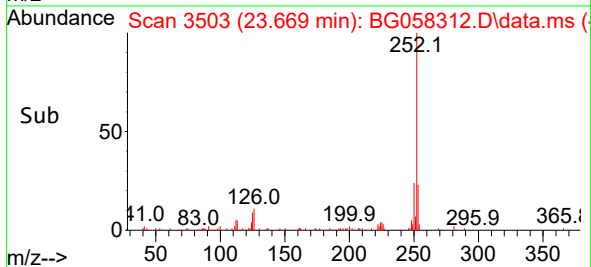
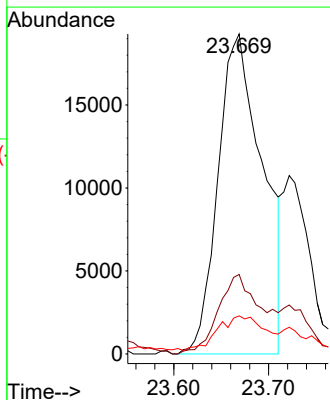
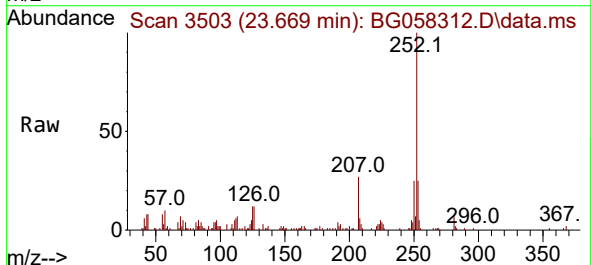
Instrument :
BNA_M
ClientSampleId :

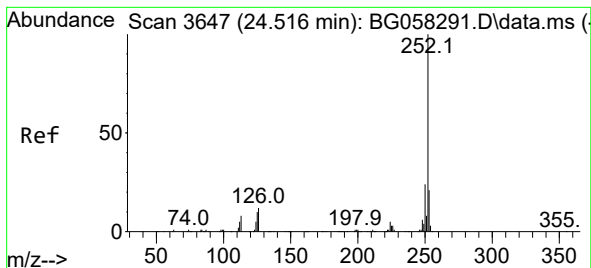
Tgt Ion:149 Resp: 19596



#90
Benzo(b)fluoranthene
Concen: 3.097 ng/ul
RT: 23.669 min Scan# 3503
Delta R.T. 0.000 min
Lab File: BG058312.D
Acq: 18 Jul 2023 22:37

Tgt Ion:252 Resp: 62620
Ion Ratio Lower Upper
252 100
253 24.9 17.9 26.9
125 11.9 6.7 10.1#





#93

Benzo(a)pyrene

Concen: 1.560 ng/ul

RT: 24.509 min Scan# 3

Delta R.T. -0.011 min

Lab File: BG058312.D

Acq: 18 Jul 2023 22:37

Instrument :

BNA_M

ClientSampleId :

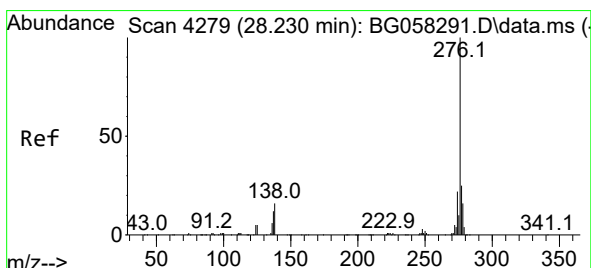
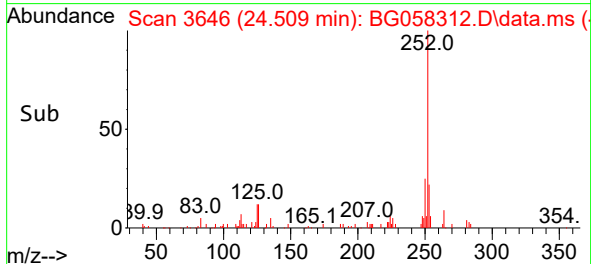
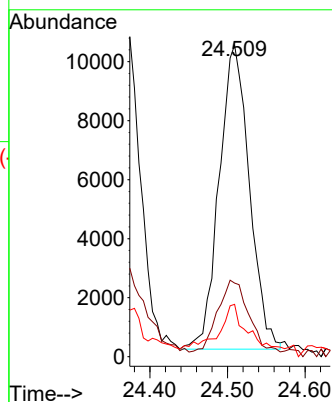
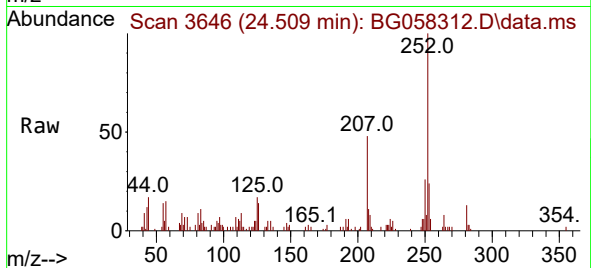
Tgt Ion:252 Resp: 28057

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.0

125 16.8 7.7 11.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.218 ng/ul

RT: 28.222 min Scan# 4278

Delta R.T. -0.006 min

Lab File: BG058312.D

Acq: 18 Jul 2023 22:37

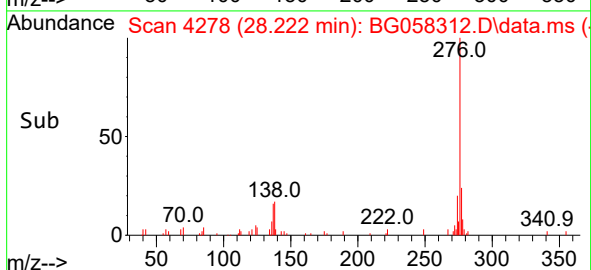
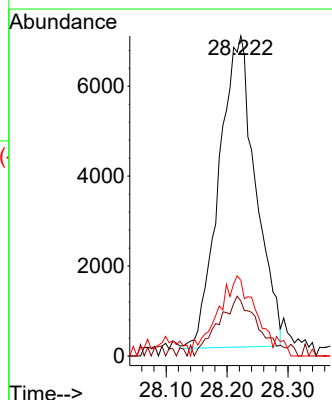
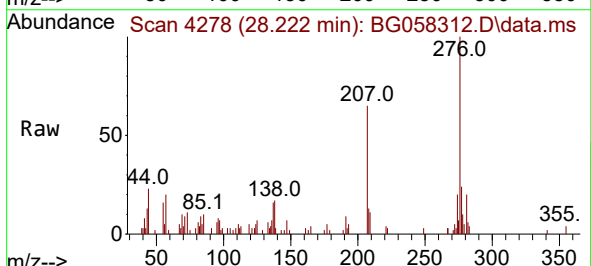
Tgt Ion:276 Resp: 28864

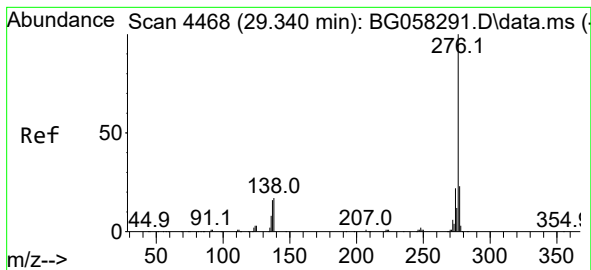
Ion Ratio Lower Upper

276 100

138 19.8 13.8 20.6

277 23.6 19.2 28.8





#96

Benzo(g,h,i)perylene

Concen: 1.488 ng/ul

RT: 29.327 min Scan# 44

Delta R.T. -0.023 min

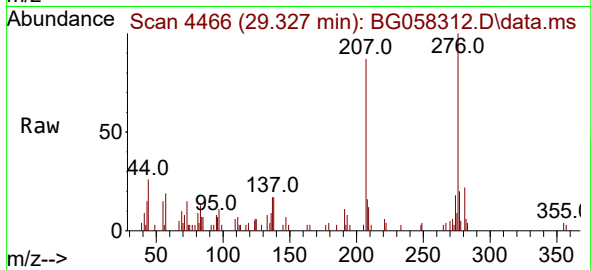
Lab File: BG058312.D

Acq: 18 Jul 2023 22:37

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 28730

Ion Ratio Lower Upper

276 100

138 16.9 13.5 20.3

277 20.0 19.4 29.2

