

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058334.D
 Acq On : 19 Jul 2023 19:28
 Operator : CG/JU
 Sample : 03444-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46Y1

Quant Time: Jul 19 22:38:07 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)

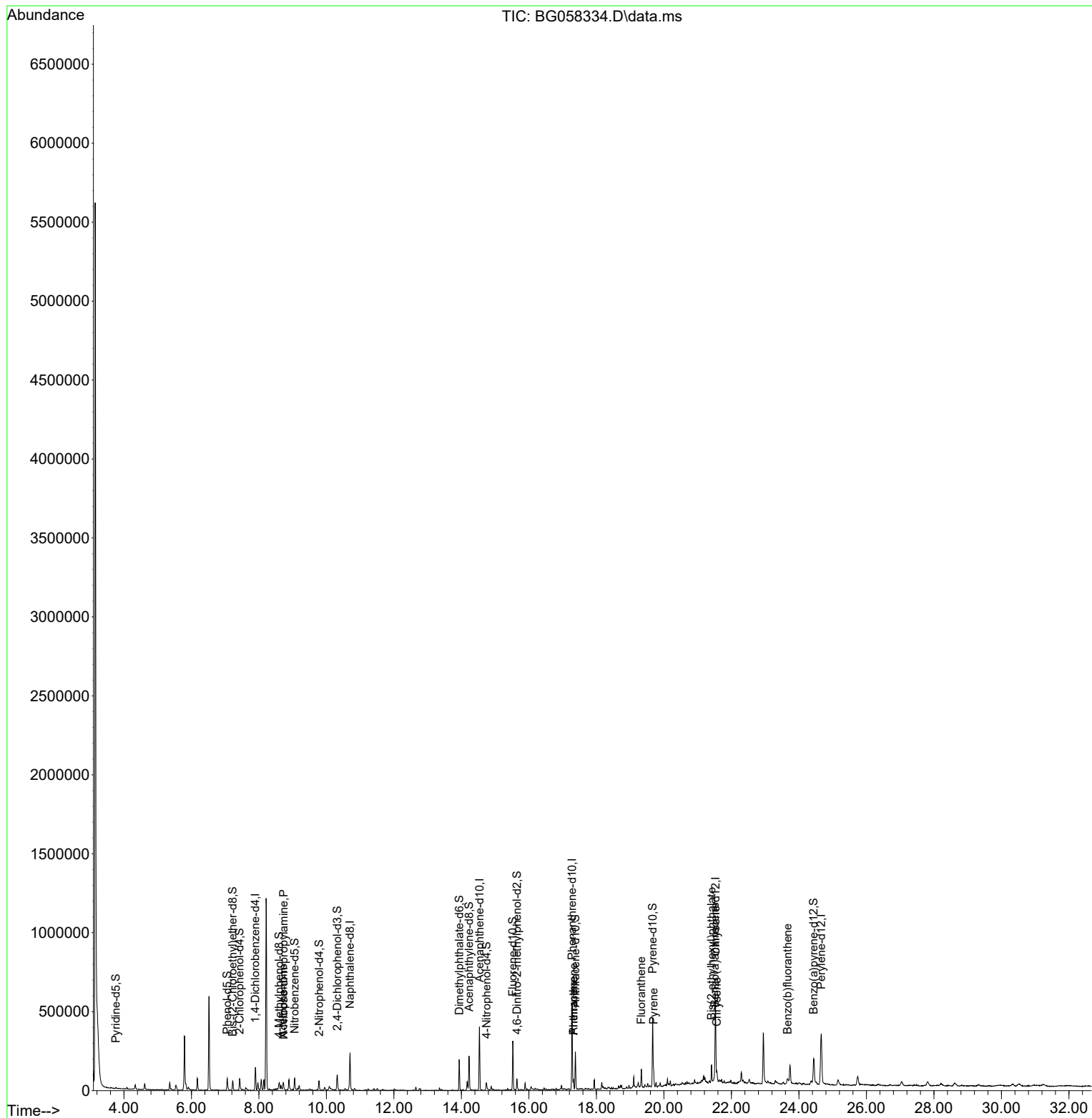
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	43053	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	195797	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.535	164	146232	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.279	188	343865	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	286979	20.000	ng/ul	0.00
88) Perylene-d12	24.659	264	327504	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	973	0.832	ng/uL	0.00
4) Pyridine-d5	3.760	84	4091	1.178	ng/ul	0.00
7) Phenol-d5	7.062	99	46498	11.385	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.220	67	31600	12.379	ng/ul	0.00
11) 2-Chlorophenol-d4	7.426	132	35520	12.424	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	19268	6.185	ng/ul	0.00
21) Nitrobenzene-d5	9.059	128	18013	12.274	ng/ul	0.00
24) 2-Nitrophenol-d4	9.782	143	19904	12.423	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	36615	11.921	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	3417	0.767	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	137985	12.237	ng/ul	0.00
49) Acenaphthylene-d8	14.224	160	152964	12.944	ng/ul	0.00
54) 4-Nitrophenol-d4	14.741	143	14899	8.749	ng/ul	0.00
60) Fluorene-d10	15.522	176	128637	13.779	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	16901	9.647	ng/ul	0.00
73) Anthracene-d10	17.373	188	148917	10.023	ng/ul	0.00
81) Pyrene-d10	19.664	212	235797	13.911	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.435	264	173653	10.970	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.718	105	22086	4.163	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.730	70	7937	2.733	ng/ul#	59
72) Phenanthrene	17.320	178	38193	2.337	ng/ul	98
74) Anthracene	17.320	178	38193	2.328	ng/ul	98
80) Fluoranthene	19.330	202	70469	3.629	ng/ul	99
82) Pyrene	19.694	202	59332	3.016	ng/ul	99
85) Benzo(a)anthracene	21.509	228	28107	1.457	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.409	149	41324	3.750	ng/ul#	98
87) Chrysene	21.568	228	32894	1.798	ng/ul	96
90) Benzo(b)fluoranthene	23.666	252	42111	2.222	ng/ul#	95

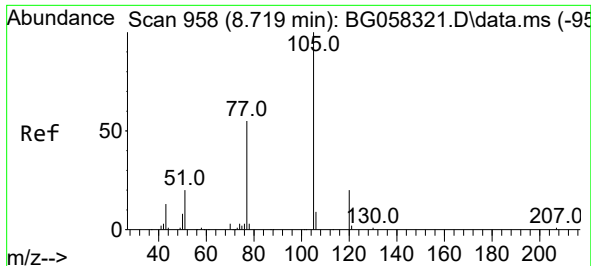
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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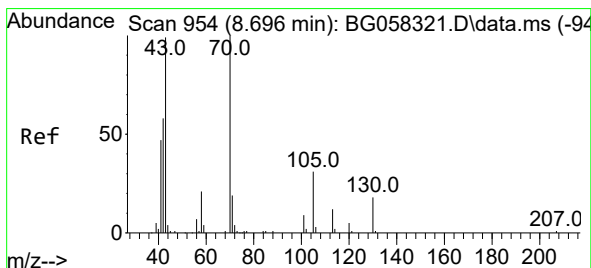
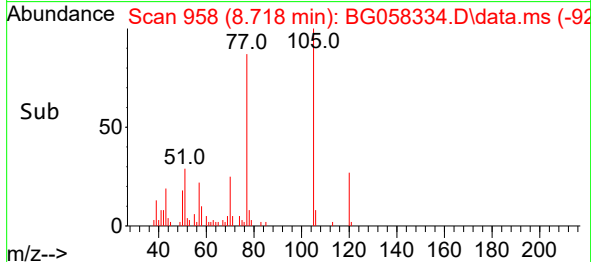
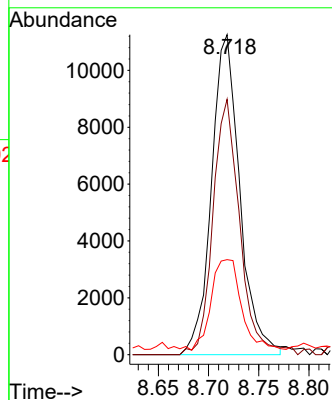
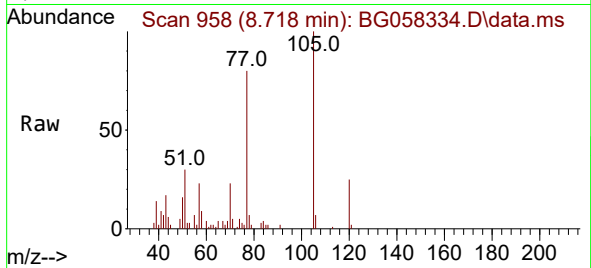




#16
Acetophenone
Concen: 4.163 ng/ul
RT: 8.718 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28

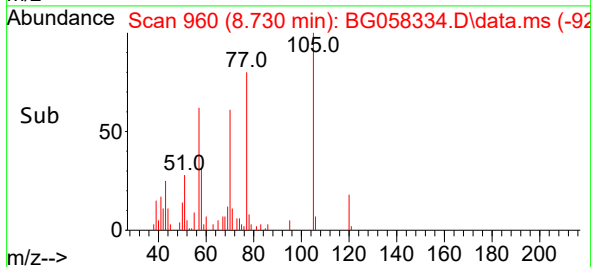
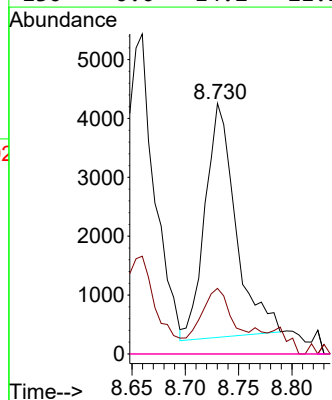
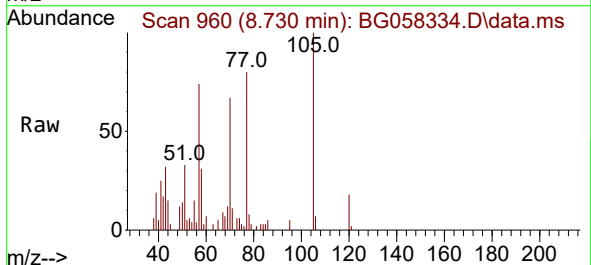
Instrument :
BNA_G
ClientSampleId :
A46Y1

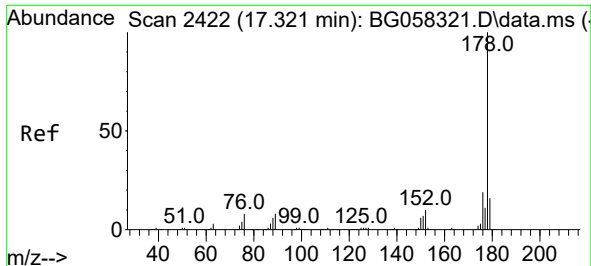
Tgt Ion:105 Resp: 22086
Ion Ratio Lower Upper
105 100
77 79.8 60.7 91.1
51 29.7 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 2.733 ng/ul
RT: 8.730 min Scan# 960
Delta R.T. 0.026 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28

Tgt Ion: 70 Resp: 7937
Ion Ratio Lower Upper
70 100
42 26.2 46.6 69.8#
101 0.0 7.3 10.9#
130 0.0 14.2 21.2#

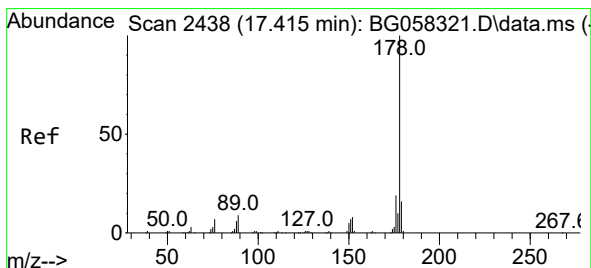
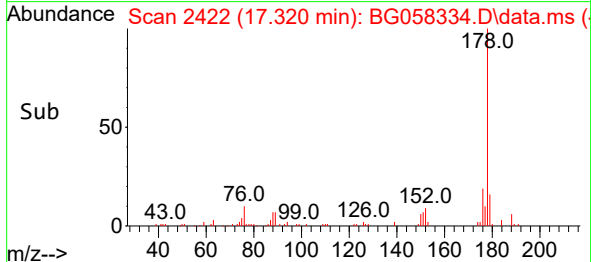
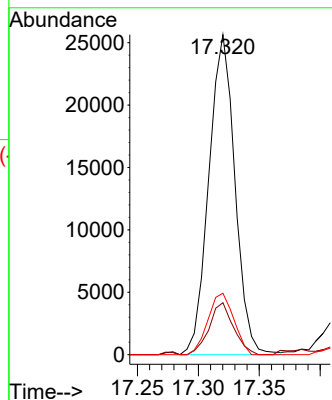
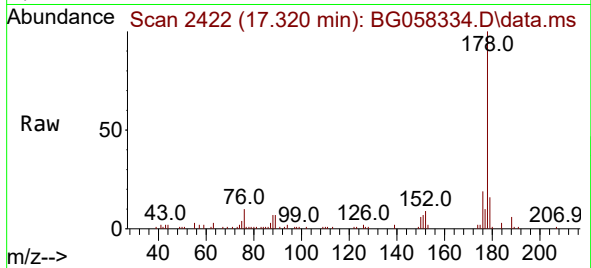




#72
Phenanthrene
Concen: 2.337 ng/ul
RT: 17.320 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28

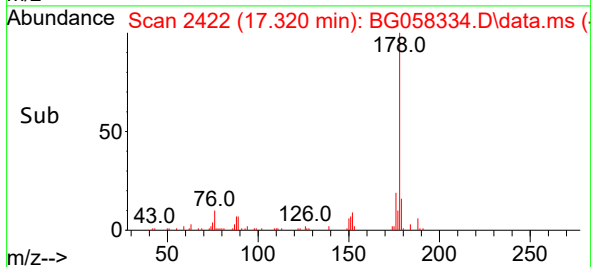
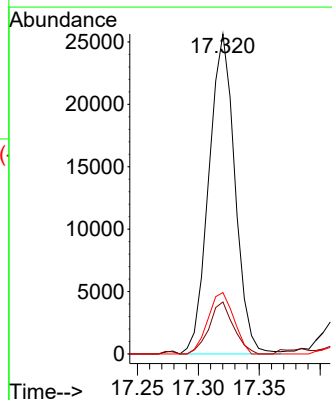
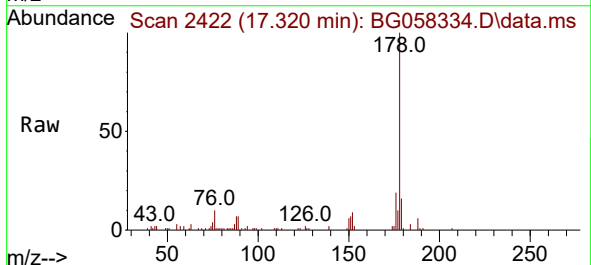
Instrument :
BNA_G
ClientSampleId :
A46Y1

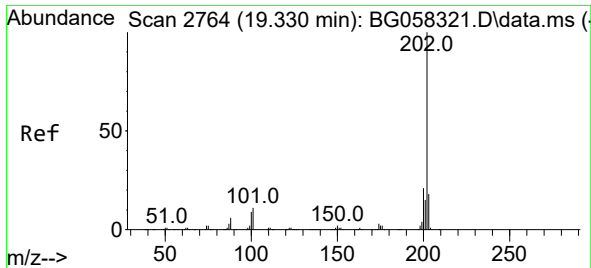
Tgt Ion:178 Resp: 38193
Ion Ratio Lower Upper
178 100
179 16.3 11.9 17.9
176 19.2 15.8 23.8



#74
Anthracene
Concen: 2.328 ng/ul
RT: 17.320 min Scan# 2422
Delta R.T. -0.097 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28

Tgt Ion:178 Resp: 38193
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.2
176 19.2 16.2 24.2

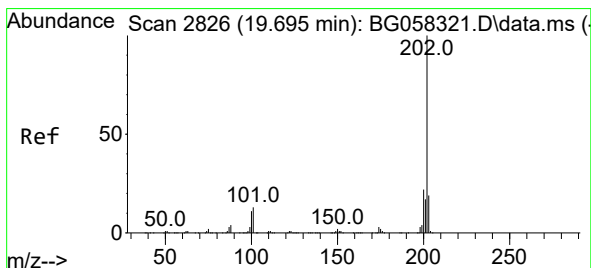
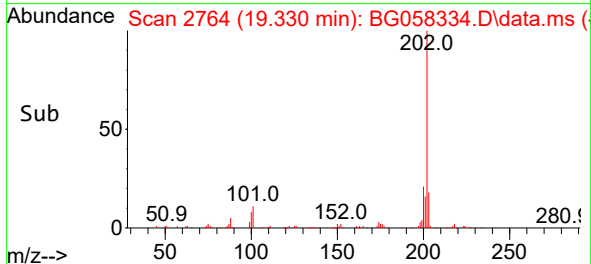
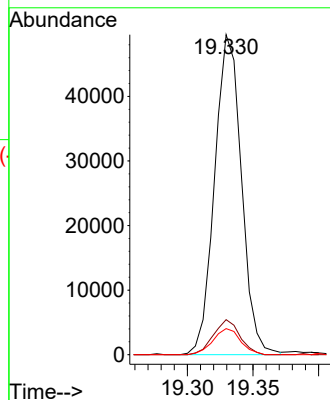
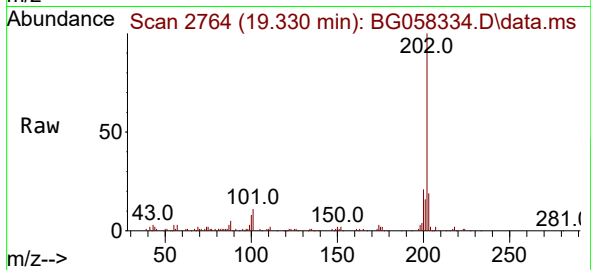




#80
Fluoranthene
Concen: 3.629 ng/ul
RT: 19.330 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28

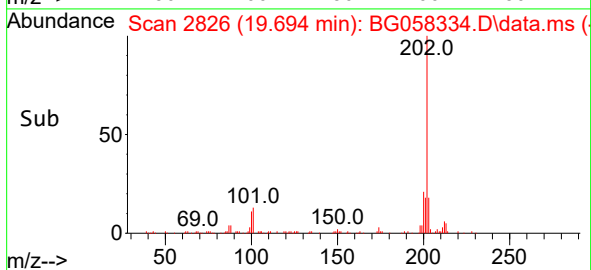
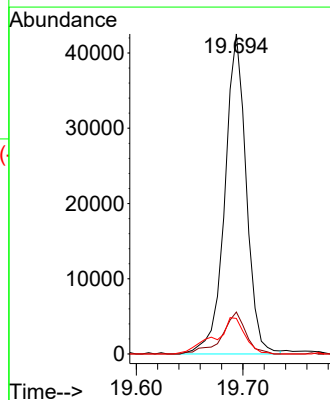
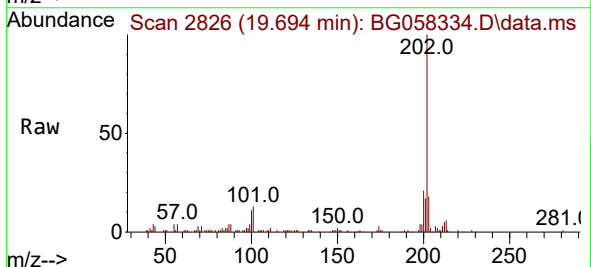
Instrument :
BNA_G
ClientSampleId :
A46Y1

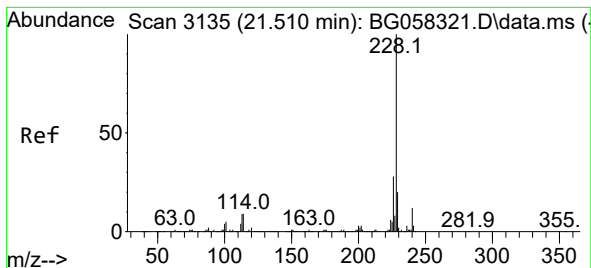
Tgt Ion:202 Resp: 70469
Ion Ratio Lower Upper
202 100
101 10.9 8.6 12.8
100 8.2 7.2 10.8



#82
Pyrene
Concen: 3.016 ng/ul
RT: 19.694 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28

Tgt Ion:202 Resp: 59332
Ion Ratio Lower Upper
202 100
101 13.1 10.2 15.2
100 11.1 8.9 13.3





#85

Benzo(a)anthracene

Concen: 1.457 ng/ul

RT: 21.509 min Scan# 3135

Delta R.T. -0.003 min

Lab File: BG058334.D

Acq: 19 Jul 2023 19:28

Instrument :

BNA_G

ClientSampleId :

A46Y1

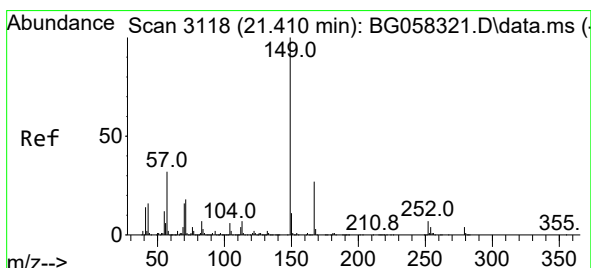
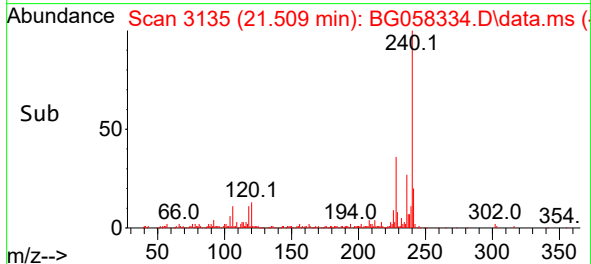
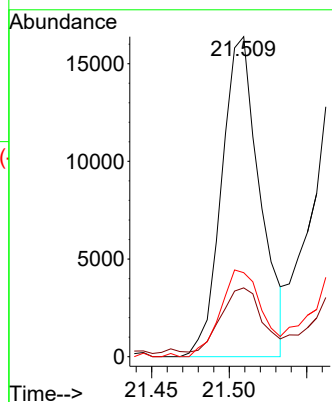
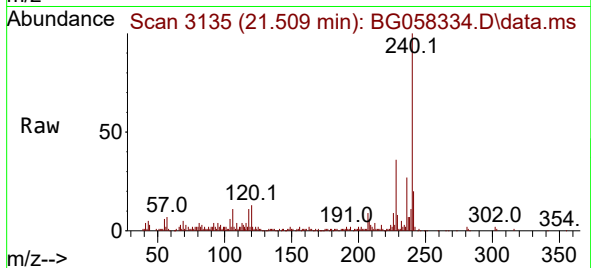
Tgt Ion:228 Resp: 28107

Ion Ratio Lower Upper

228 100

229 21.5 15.7 23.5

226 26.3 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.750 ng/ul

RT: 21.409 min Scan# 3118

Delta R.T. -0.003 min

Lab File: BG058334.D

Acq: 19 Jul 2023 19:28

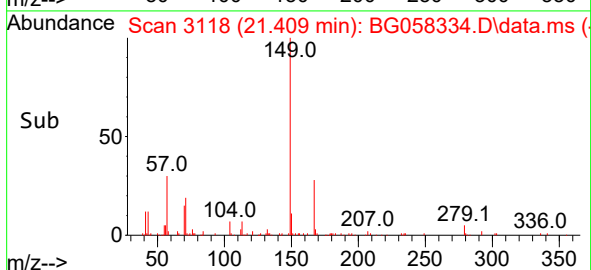
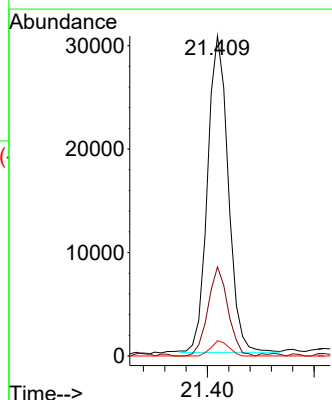
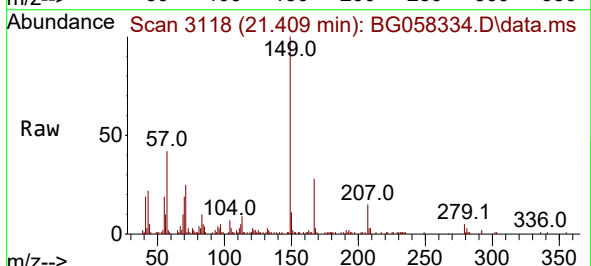
Tgt Ion:149 Resp: 41324

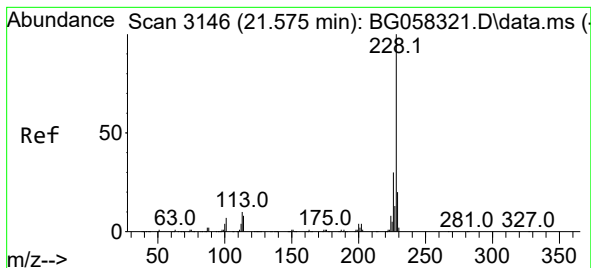
Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

279 4.8 3.0 4.4#





#87

Chrysene

Concen: 1.798 ng/ul

RT: 21.568 min Scan# 3145

Delta R.T. -0.009 min

Lab File: BG058334.D

Acq: 19 Jul 2023 19:28

Instrument :

BNA_G

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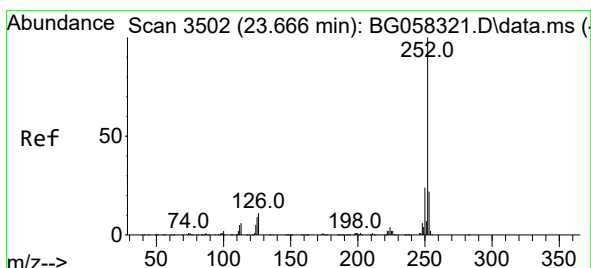
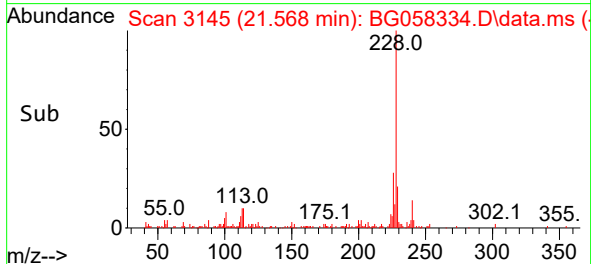
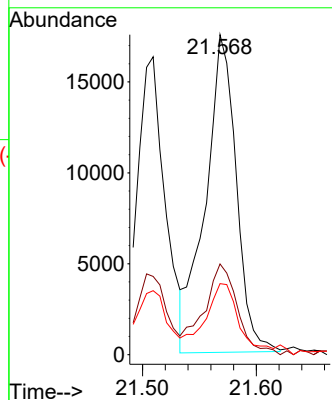
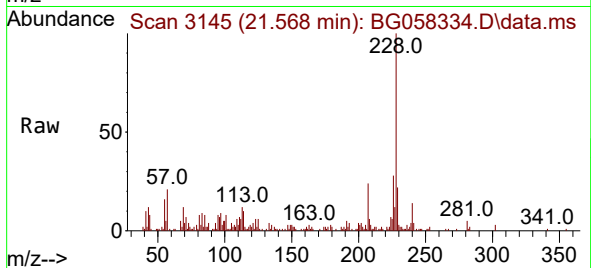
Tgt Ion:228 Resp: 32894

Ion Ratio Lower Upper

228 100

226 28.3 24.0 36.0

229 22.2 15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 2.222 ng/ul

RT: 23.666 min Scan# 3502

Delta R.T. -0.003 min

Lab File: BG058334.D

Acq: 19 Jul 2023 19:28

Tgt Ion:252 Resp: 42111

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

125 12.5 6.7 10.1#

