

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058390.D
 Acq On : 21 Jul 2023 16:40
 Operator : CG/JU
 Sample : 03504-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 21 22:17:37 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

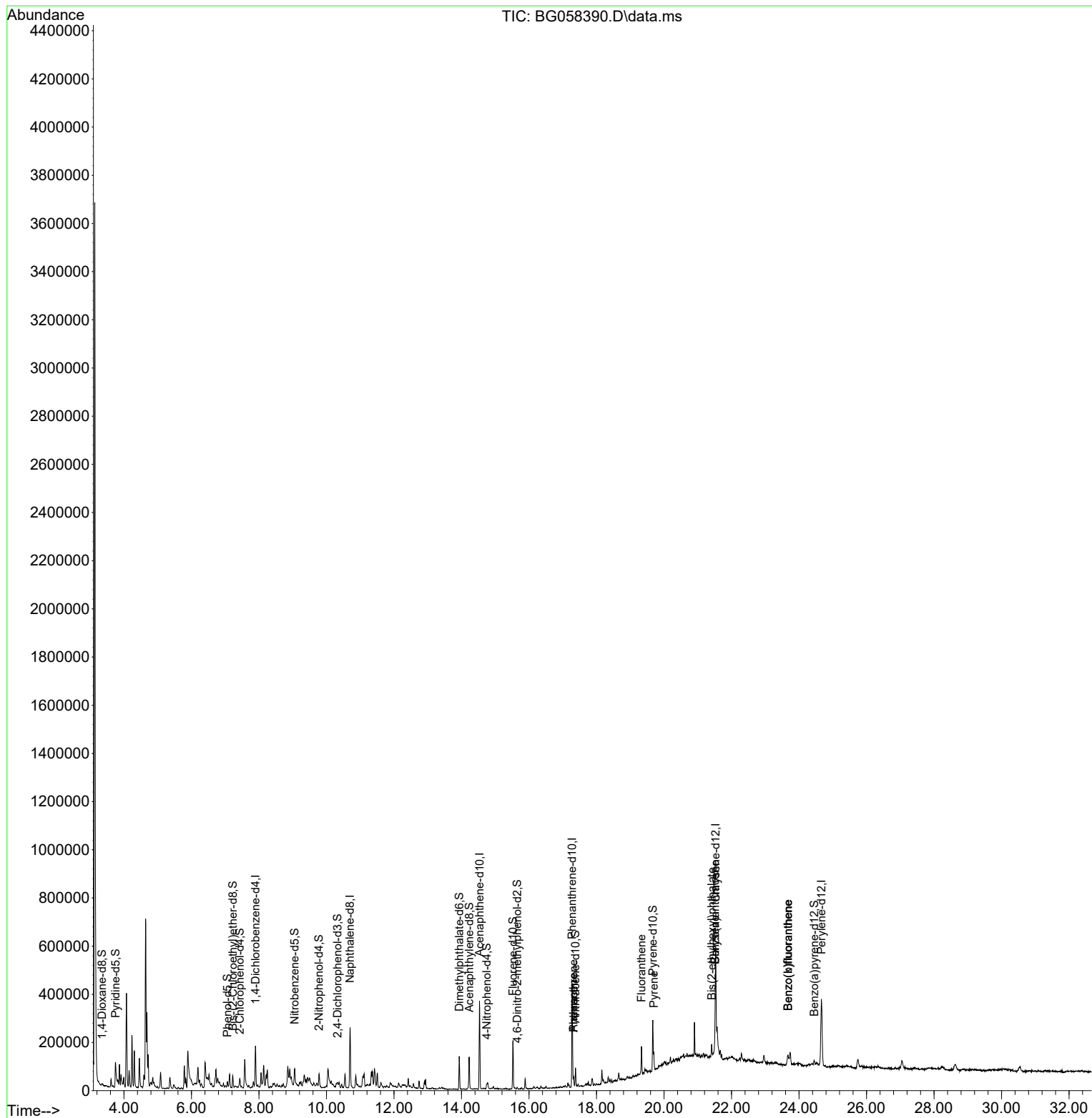
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	49194	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	207298	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	133123	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.278	188	284597	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	232160	20.000	ng/ul	0.00
88) Perylene-d12	24.663	264	271257	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.347	96	2261	1.692	ng/uL	0.00
4) Pyridine-d5	3.752	84	41835	10.545	ng/ul	0.00
7) Phenol-d5	7.066	99	15411	3.302	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	26537	9.098	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	15085	4.618	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	992	0.279	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	14669	9.441	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	14842	8.749	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.327	165	5115	1.573	ng/ul	0.00
31) 4-Chloroaniline-d4	10.832	131	227	0.048	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	91719	8.935	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	93060	8.650	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	8038	5.185	ng/ul	0.00
60) Fluorene-d10	15.527	176	83226	9.793	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	1938	1.337	ng/ul	0.00
73) Anthracene-d10	17.377	188	46232	3.760	ng/ul	0.00
81) Pyrene-d10	19.669	212	105248	7.676	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.451	264	21911	1.671	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.319	178	26145	1.933	ng/ul	99
74) Anthracene	17.319	178	26145	1.926	ng/ul	96
80) Fluoranthene	19.334	202	70176	4.467	ng/ul	99
82) Pyrene	19.698	202	49211	3.092	ng/ul	98
85) Benzo(a)anthracene	21.514	228	36960	2.369	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.414	149	20453	2.294	ng/ul#	94
87) Chrysene	21.514	228	36772	2.484	ng/ul	97
90) Benzo(b)fluoranthene	23.676	252	47410	3.021	ng/ul#	95
91) Benzo(k)fluoranthene	23.676	252	47410	3.029	ng/ul#	96

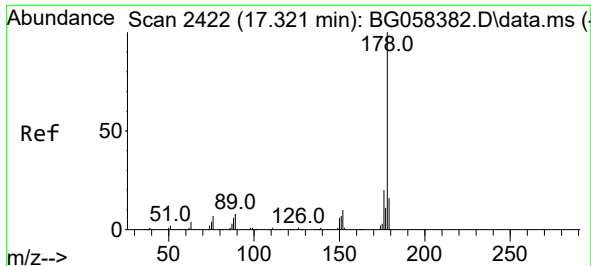
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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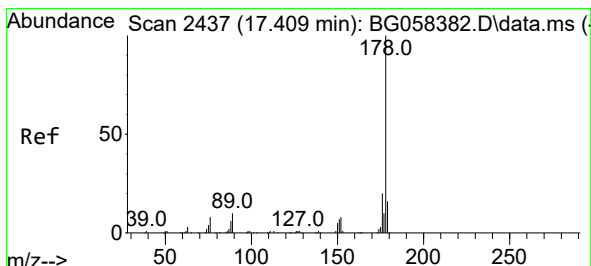
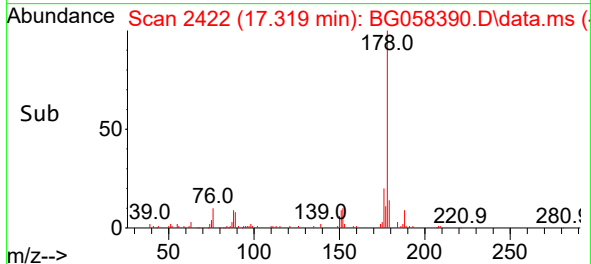
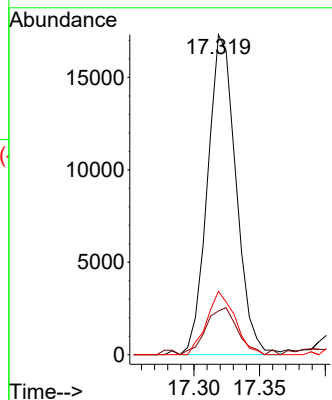
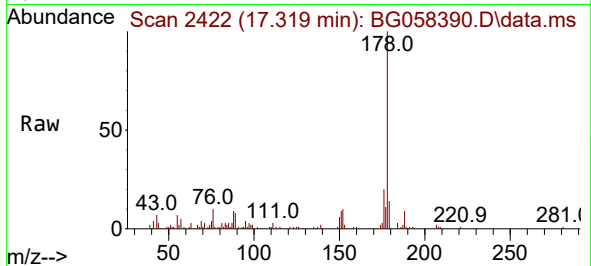




#72
Phenanthrene
Concen: 1.933 ng/ul
RT: 17.319 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG058390.D
Acq: 21 Jul 2023 16:40

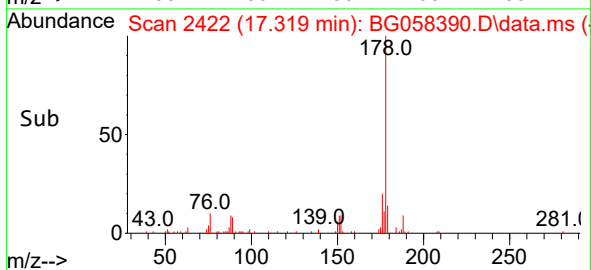
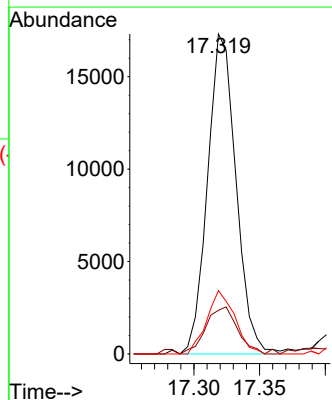
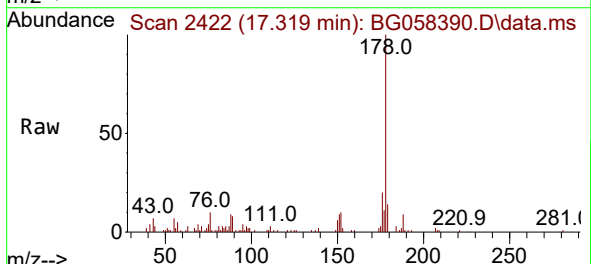
Instrument :
BNA_G
ClientSampleId :

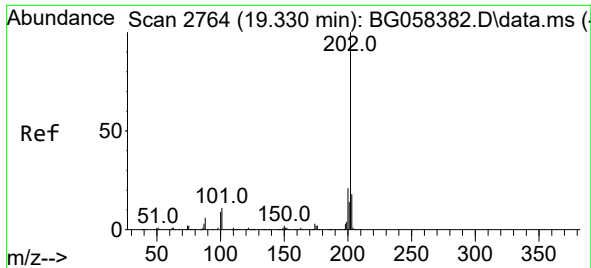
Tgt Ion:178 Resp: 26145
Ion Ratio Lower Upper
178 100
179 13.6 11.9 17.9
176 19.8 15.8 23.8



#74
Anthracene
Concen: 1.926 ng/ul
RT: 17.319 min Scan# 2422
Delta R.T. -0.098 min
Lab File: BG058390.D
Acq: 21 Jul 2023 16:40

Tgt Ion:178 Resp: 26145
Ion Ratio Lower Upper
178 100
179 13.6 13.4 20.2
176 19.8 16.2 24.2

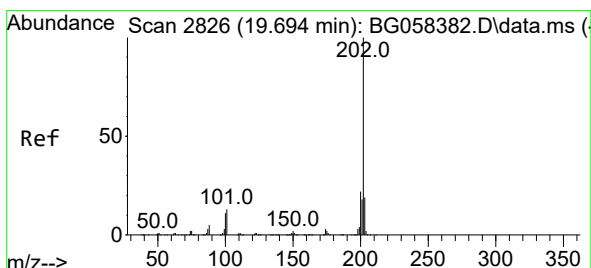
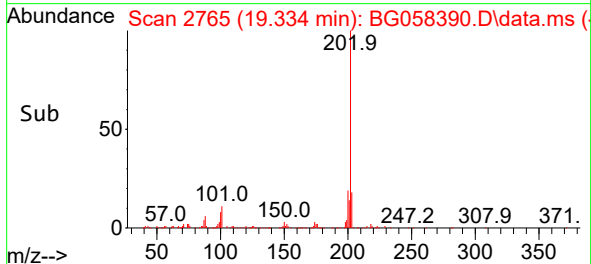
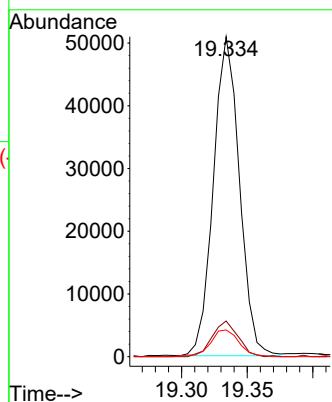
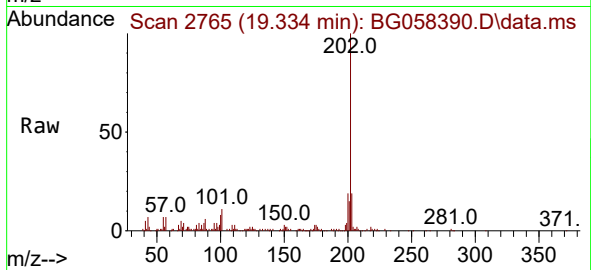




#80
 Fluoranthene
 Concen: 4.467 ng/ul
 RT: 19.334 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058390.D
 Acq: 21 Jul 2023 16:40

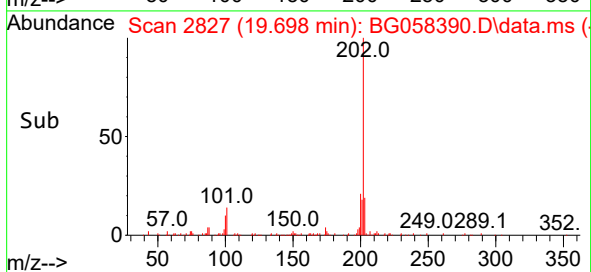
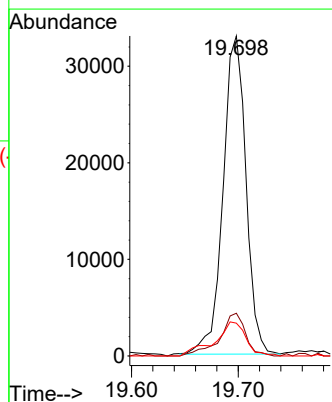
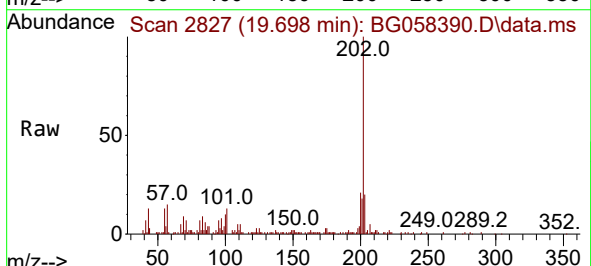
Instrument :
 BNA_G
 ClientSampleId :

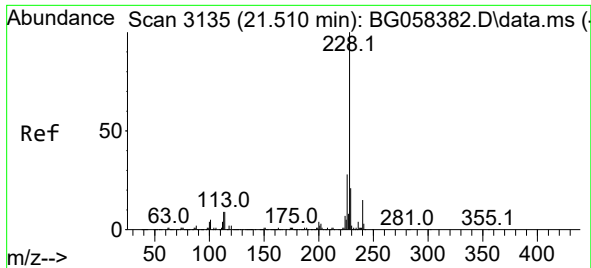
Tgt Ion:202 Resp: 70176
 Ion Ratio Lower Upper
 202 100
 101 11.2 8.6 12.8
 100 8.4 7.2 10.8



#82
 Pyrene
 Concen: 3.092 ng/ul
 RT: 19.698 min Scan# 2827
 Delta R.T. 0.001 min
 Lab File: BG058390.D
 Acq: 21 Jul 2023 16:40

Tgt Ion:202 Resp: 49211
 Ion Ratio Lower Upper
 202 100
 101 13.4 10.2 15.2
 100 10.2 8.9 13.3

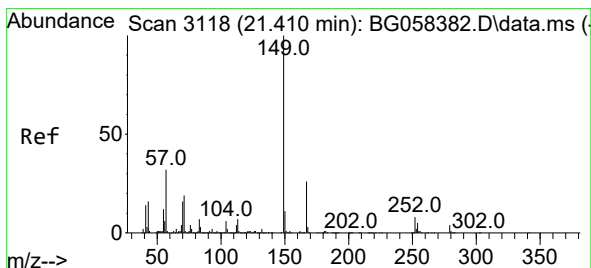
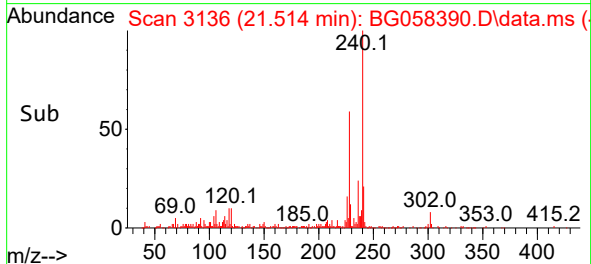
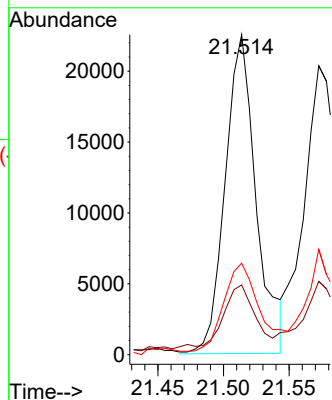
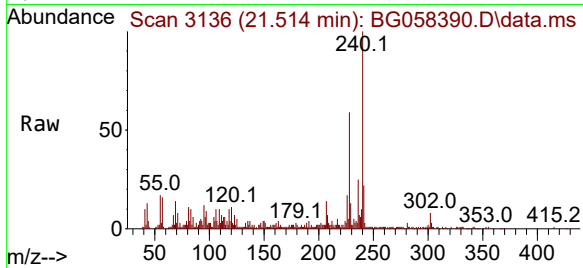




#85
Benzo(a)anthracene
Concen: 2.369 ng/ul
RT: 21.514 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG058390.D
Acq: 21 Jul 2023 16:40

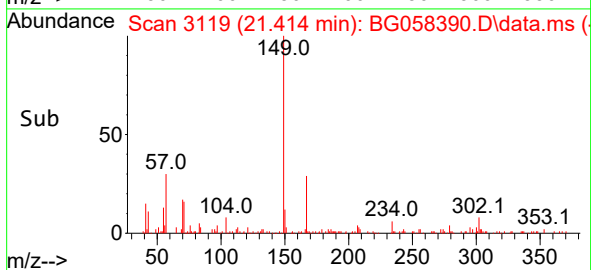
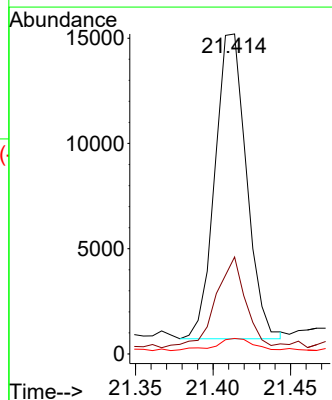
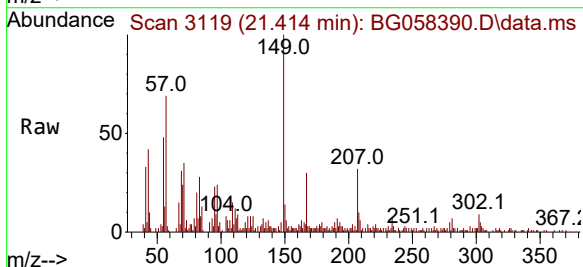
Instrument :
BNA_G
ClientSampleId :

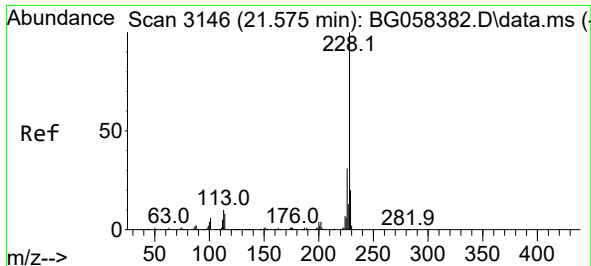
Tgt Ion:228 Resp: 36960
Ion Ratio Lower Upper
228 100
229 21.8 15.7 23.5
226 28.6 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.294 ng/ul
RT: 21.414 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BG058390.D
Acq: 21 Jul 2023 16:40

Tgt Ion:149 Resp: 20453
Ion Ratio Lower Upper
149 100
167 30.3 21.6 32.4
279 4.8 3.0 4.4#





#87

Chrysene

Concen: 2.484 ng/ul

RT: 21.514 min Scan# 31

Delta R.T. -0.063 min

Lab File: BG058390.D

Acq: 21 Jul 2023 16:40

Instrument :

BNA_G

ClientSampleId :

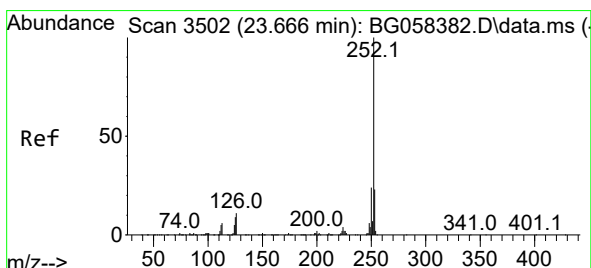
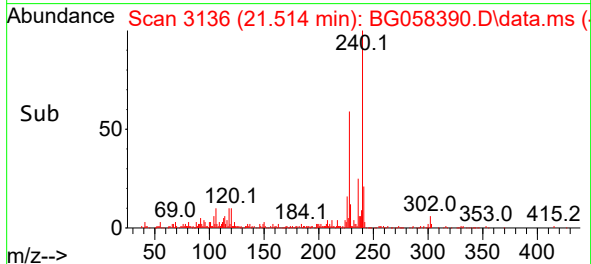
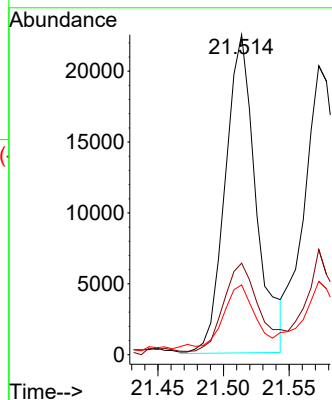
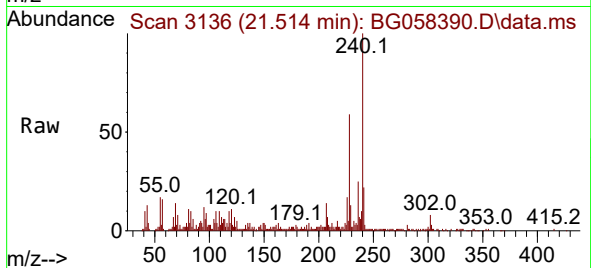
Tgt Ion:228 Resp: 36772

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

229 21.8 15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 3.021 ng/ul

RT: 23.676 min Scan# 3504

Delta R.T. 0.007 min

Lab File: BG058390.D

Acq: 21 Jul 2023 16:40

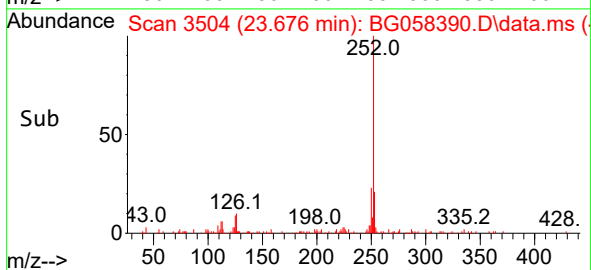
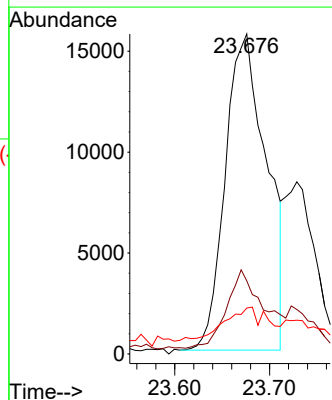
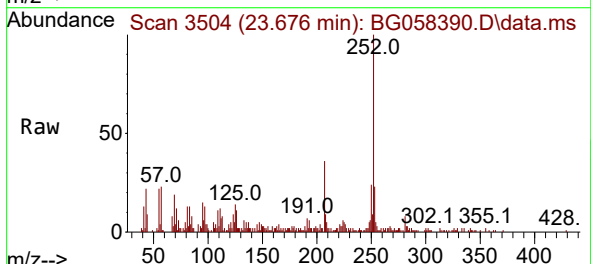
Tgt Ion:252 Resp: 47410

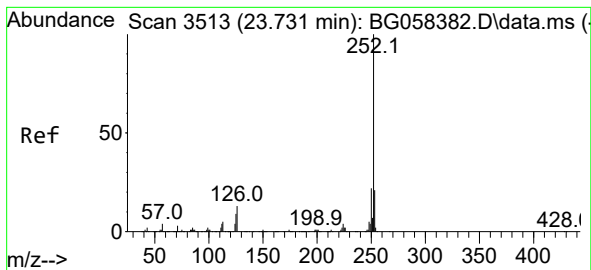
Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

125 14.4 6.7 10.1#





#91

Benzo(k)fluoranthene

Concen: 3.029 ng/ul

RT: 23.676 min Scan# 3

Delta R.T. -0.057 min

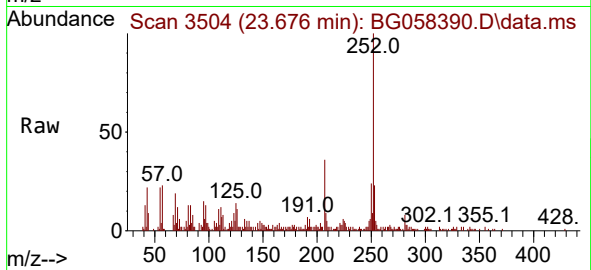
Lab File: BG058390.D

Acq: 21 Jul 2023 16:40

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:252 Resp: 47410

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

125 14.4 7.4 11.0#

