

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058327.D
 Acq On : 19 Jul 2023 13:45
 Operator : CG/JU
 Sample : 03501-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 19 22:36:01 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

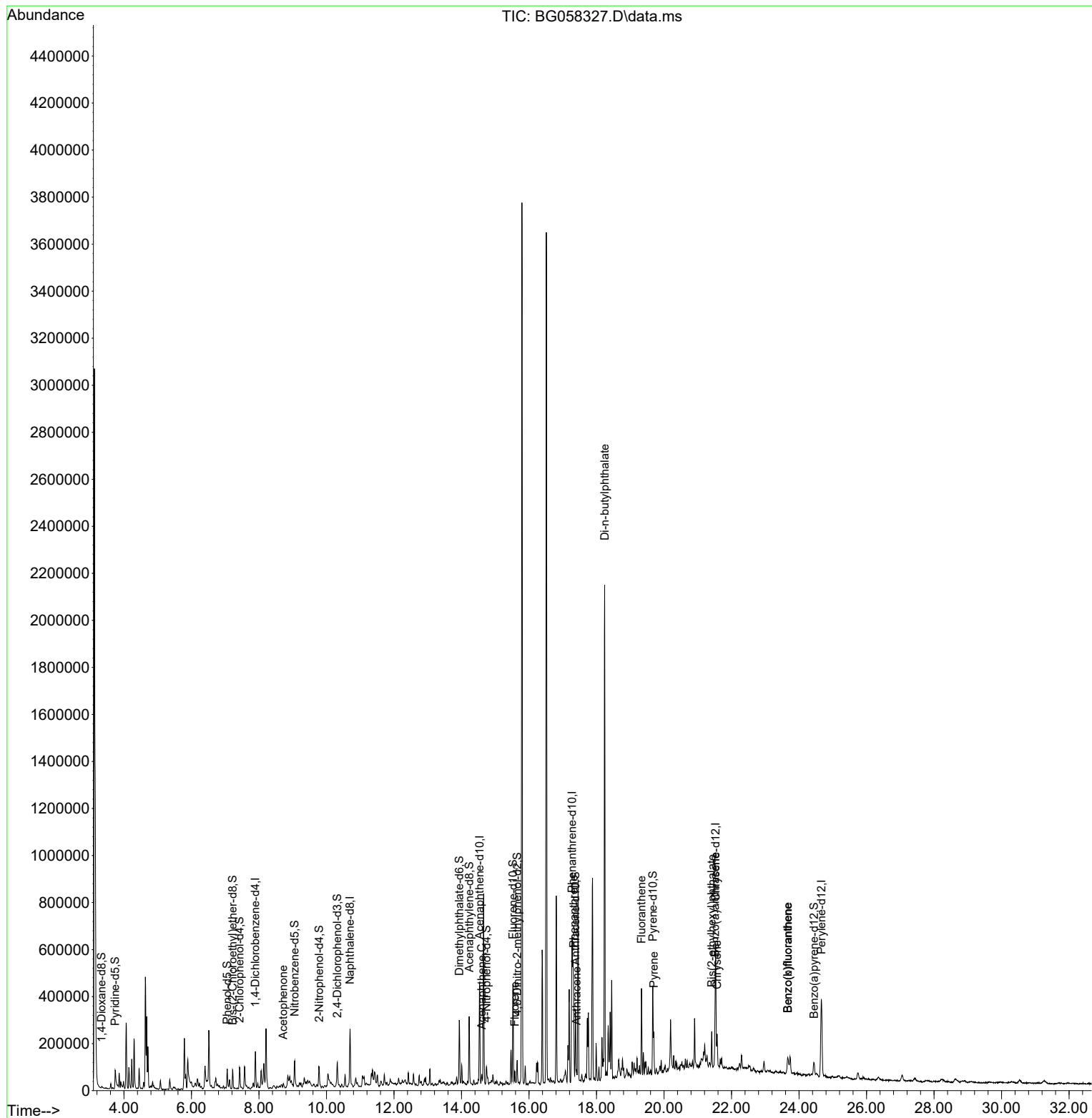
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	43900	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	206432	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	153453	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	369225	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	280520	20.000	ng/ul	0.00
88) Perylene-d12	24.662	264	337324	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3068	2.572	ng/uL	0.00
4) Pyridine-d5	3.740	84	40654	11.483	ng/ul	-0.01
7) Phenol-d5	7.059	99	52035	12.495	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67	40697	15.635	ng/ul	0.00
11) 2-Chlorophenol-d4	7.424	132	42848	14.698	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	2836	0.893	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	24984	16.147	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	29202	17.287	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	39874	12.313	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	608	0.130	ng/ul	-0.03
46) Dimethylphthalate-d6	13.934	166	190613	16.108	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	193603	15.612	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	21082	11.797	ng/ul	0.00
60) Fluorene-d10	15.526	176	176480	18.014	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	23254	12.362	ng/ul	0.00
73) Anthracene-d10	17.377	188	178569	11.193	ng/ul	0.00
81) Pyrene-d10	19.668	212	170292	10.278	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.445	264	62095	3.809	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.716	105	6106	1.129	ng/ul#	95
52) Acenaphthene	14.598	153	16674	1.794	ng/ul	93
61) Fluorene	15.579	166	23193	2.137	ng/ul#	98
72) Phenanthrene	17.324	178	226104	12.886	ng/ul	99
74) Anthracene	17.412	178	32772	1.860	ng/ul	98
78) Di-n-butylphthalate	18.240	149	1583186	81.596	ng/ul	97
80) Fluoranthene	19.333	202	227082	11.964	ng/ul	98
82) Pyrene	19.697	202	115799	6.021	ng/ul	98
85) Benzo(a)anthracene	21.513	228	89139	4.728	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.413	149	43286	4.019	ng/ul	95
87) Chrysene	21.572	228	88388	4.942	ng/ul	97
90) Benzo(b)fluoranthene	23.669	252	91566	4.692	ng/ul#	97
91) Benzo(k)fluoranthene	23.669	252	91566	4.704	ng/ul	97

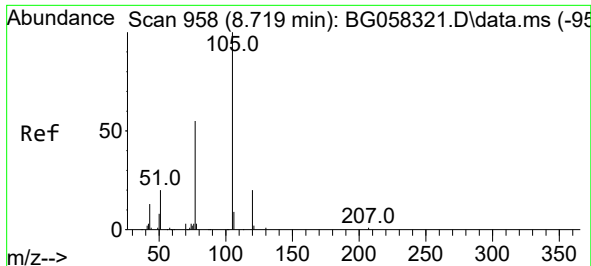
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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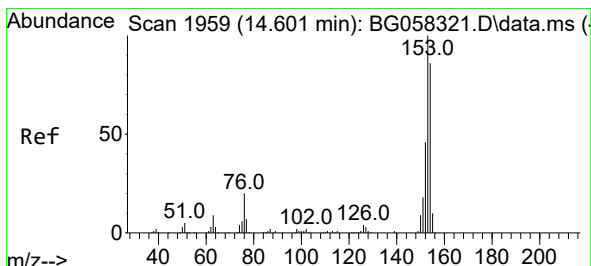
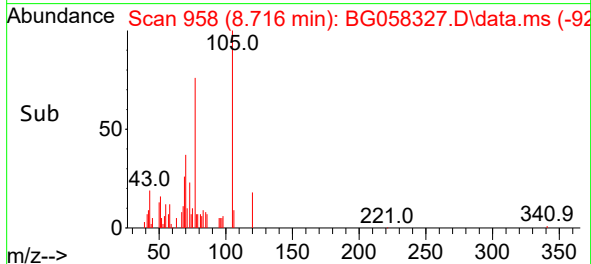
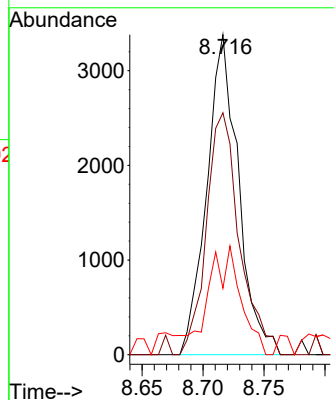
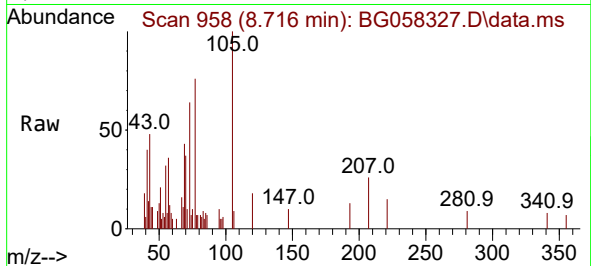




#16
Acetophenone
Concen: 1.129 ng/ul
RT: 8.716 min Scan# 916
Delta R.T. -0.005 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

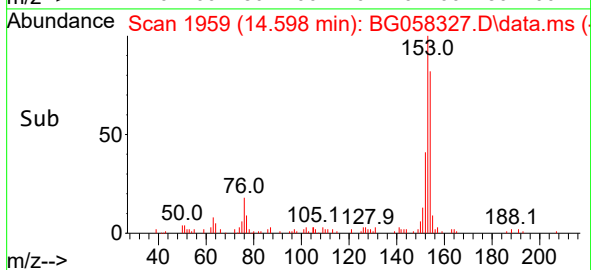
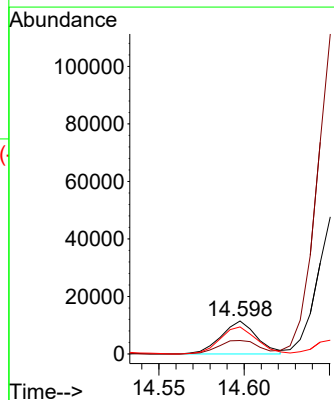
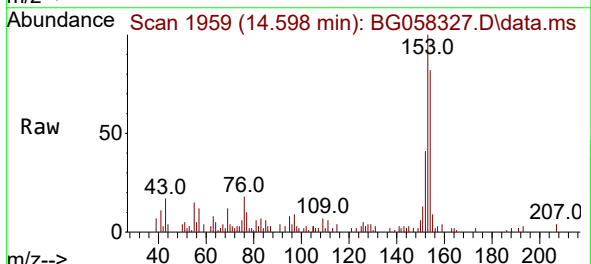
Instrument :
BNA_G
ClientSampleId :

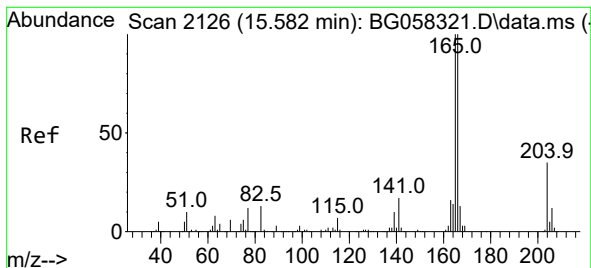
Tgt Ion:105 Resp: 6106
Ion Ratio Lower Upper
105 100
77 75.6 60.7 91.1
51 20.8 23.5 35.3#



#52
Acenaphthene
Concen: 1.794 ng/ul
RT: 14.598 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

Tgt Ion:153 Resp: 16674
Ion Ratio Lower Upper
153 100
152 40.8 39.1 58.7
154 82.0 68.7 103.1





#61

Fluorene

Concen: 2.137 ng/ul

RT: 15.579 min Scan# 2126

Delta R.T. -0.005 min

Lab File: BG058327.D

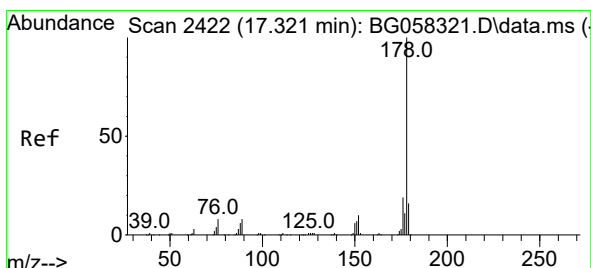
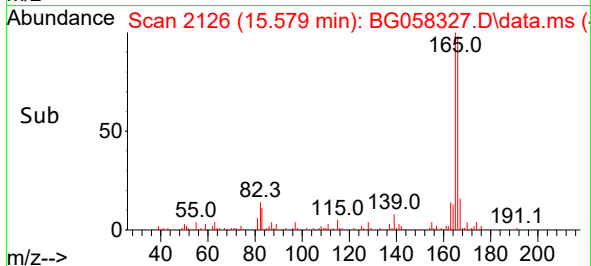
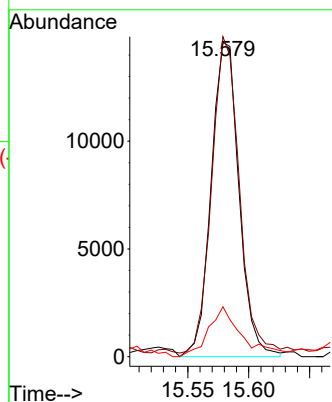
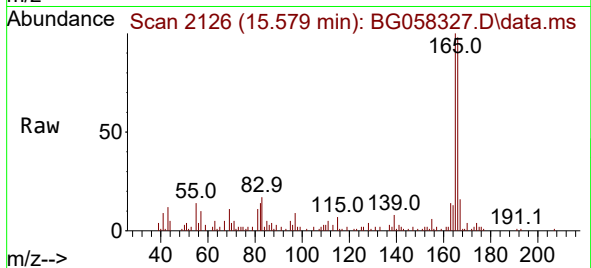
Acq: 19 Jul 2023 13:45

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:166 Resp: 23193
 Ion Ratio Lower Upper
 166 100
 165 101.8 80.2 120.2
 167 15.9 10.5 15.7#



#72

Phenanthrene

Concen: 12.886 ng/ul

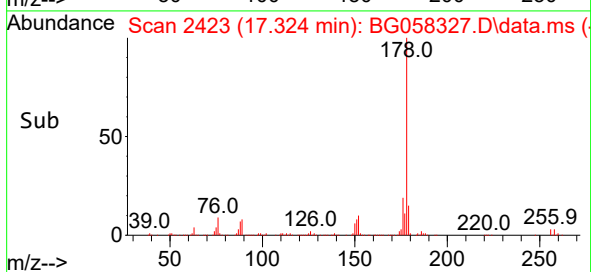
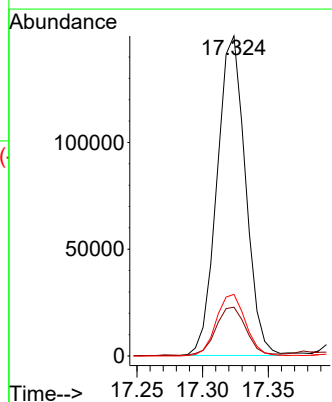
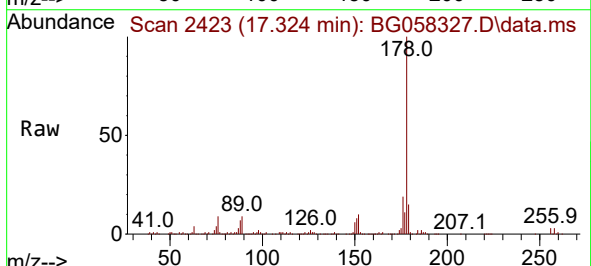
RT: 17.324 min Scan# 2423

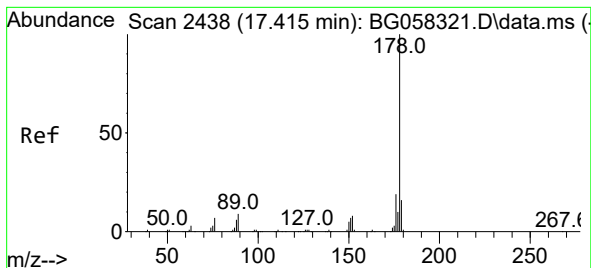
Delta R.T. 0.001 min

Lab File: BG058327.D

Acq: 19 Jul 2023 13:45

Tgt Ion:178 Resp: 226104
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.9 17.9
 176 19.2 15.8 23.8





#74

Anthracene

Concen: 1.860 ng/ul

RT: 17.412 min Scan# 2438

Delta R.T. -0.005 min

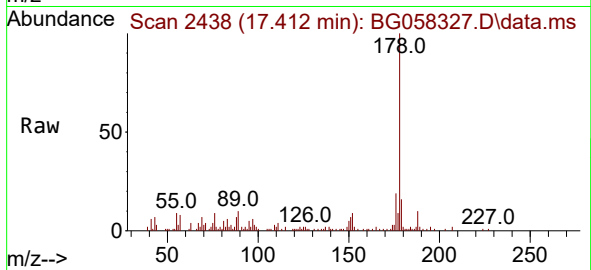
Lab File: BG058327.D

Acq: 19 Jul 2023 13:45

Instrument :

BNA_G

ClientSampleId :



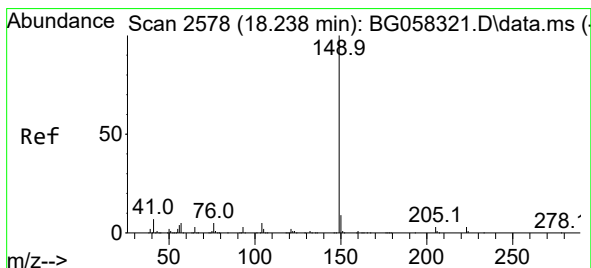
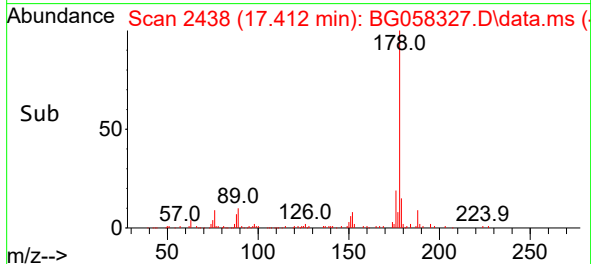
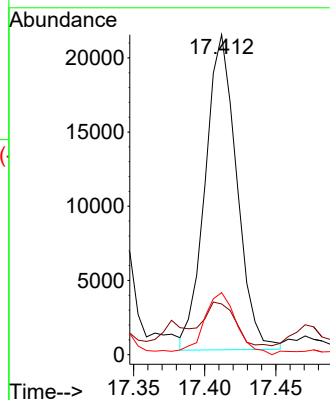
Tgt Ion:178 Resp: 32772

Ion Ratio Lower Upper

178 100

179 15.9 13.4 20.2

176 19.4 16.2 24.2



#78

Di-n-butylphthalate

Concen: 81.596 ng/ul

RT: 18.240 min Scan# 2579

Delta R.T. 0.001 min

Lab File: BG058327.D

Acq: 19 Jul 2023 13:45

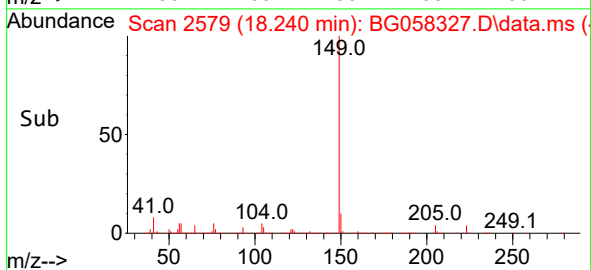
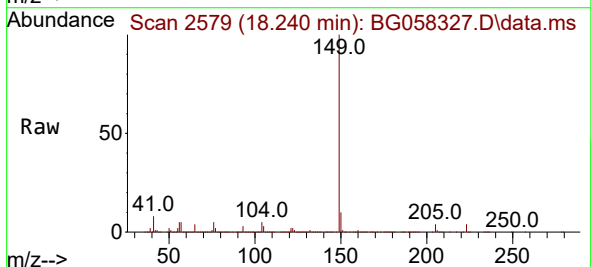
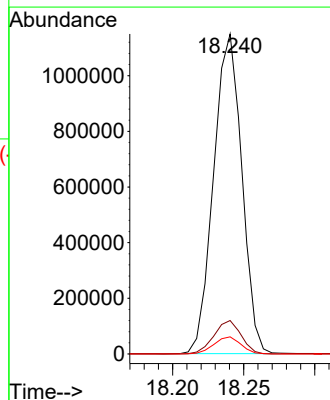
Tgt Ion:149 Resp: 1583186

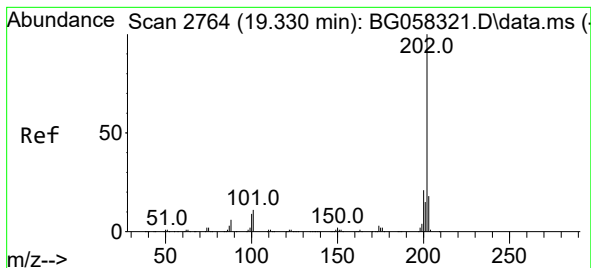
Ion Ratio Lower Upper

149 100

150 10.5 7.2 10.8

104 5.3 3.9 5.9





#80

Fluoranthene

Concen: 11.964 ng/ul

RT: 19.333 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058327.D

Acq: 19 Jul 2023 13:45

Instrument :

BNA_G

ClientSampleId :

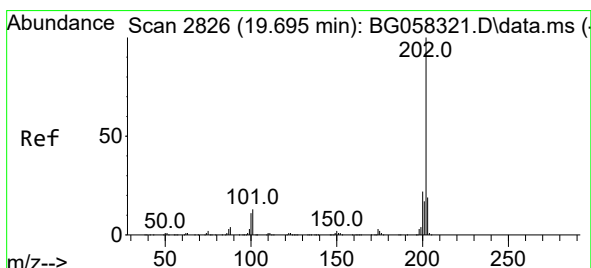
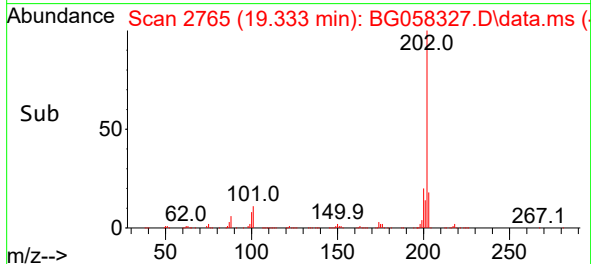
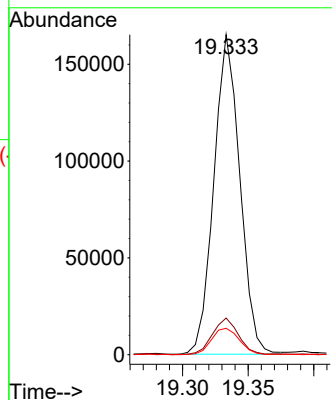
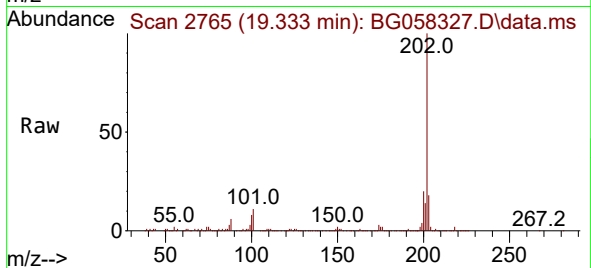
Tgt Ion:202 Resp: 227082

Ion Ratio Lower Upper

202 100

101 11.5 8.6 12.8

100 8.3 7.2 10.8



#82

Pyrene

Concen: 6.021 ng/ul

RT: 19.697 min Scan# 2827

Delta R.T. 0.001 min

Lab File: BG058327.D

Acq: 19 Jul 2023 13:45

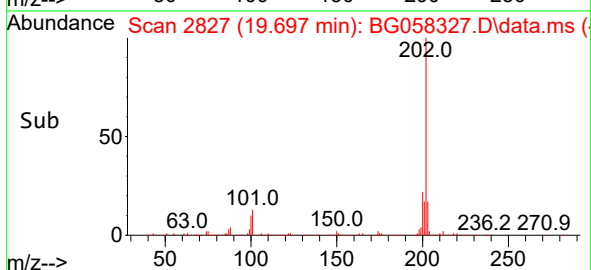
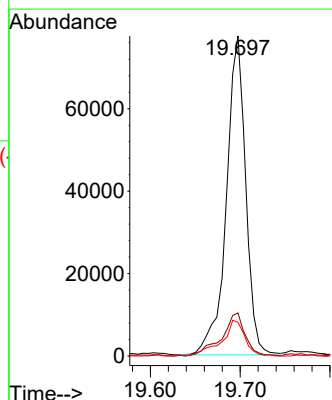
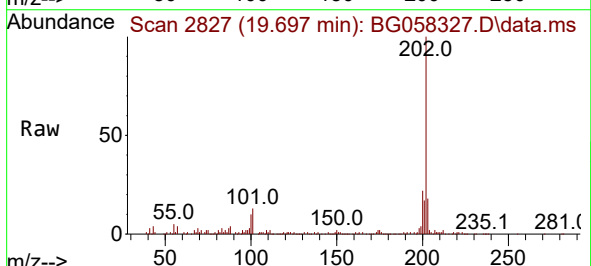
Tgt Ion:202 Resp: 115799

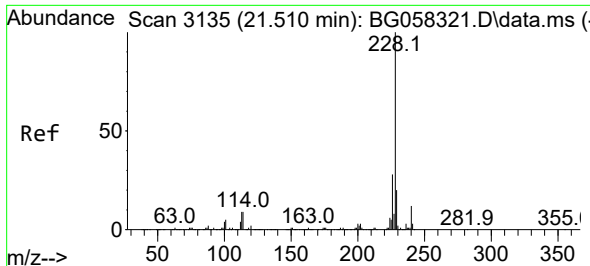
Ion Ratio Lower Upper

202 100

101 13.5 10.2 15.2

100 10.5 8.9 13.3

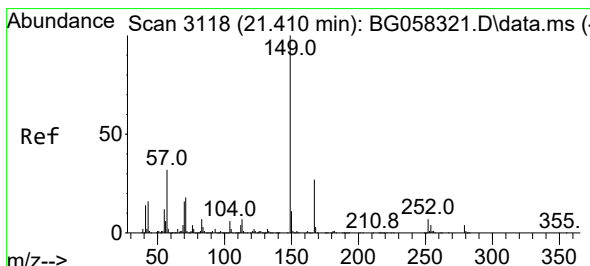
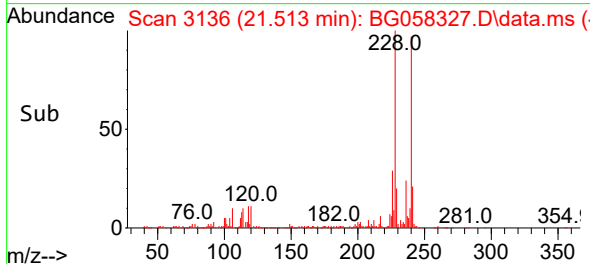
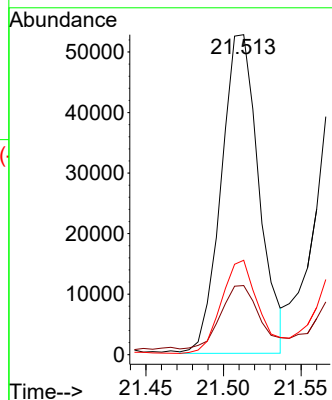
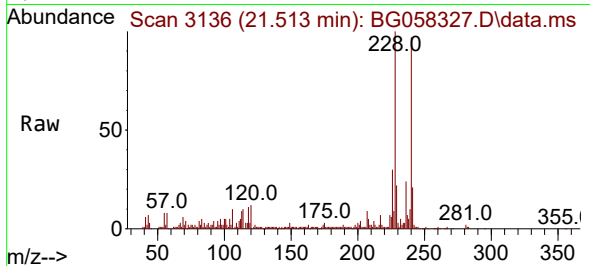




#85
Benzo(a)anthracene
Concen: 4.728 ng/ul
RT: 21.513 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

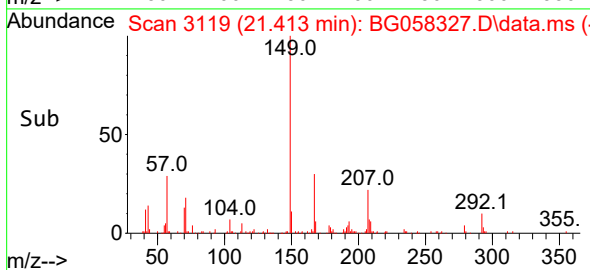
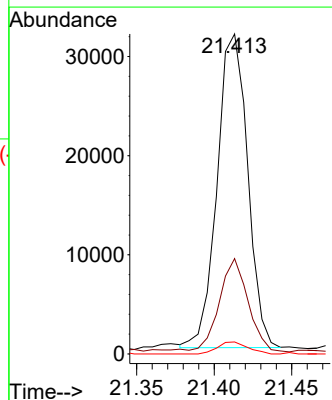
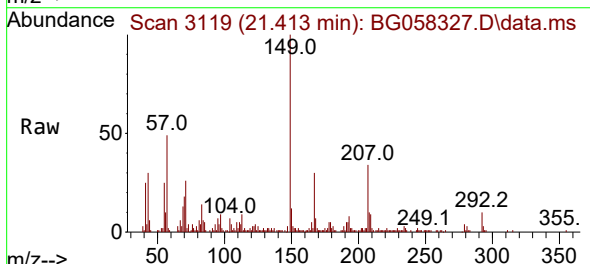
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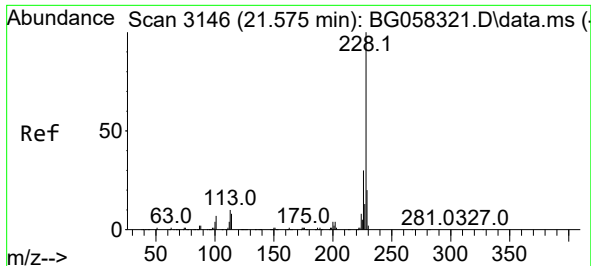
Tgt Ion:228 Resp: 89139
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 29.5 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.019 ng/ul
RT: 21.413 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

Tgt Ion:149 Resp: 43286
Ion Ratio Lower Upper
149 100
167 29.8 21.6 32.4
279 3.8 3.0 4.4

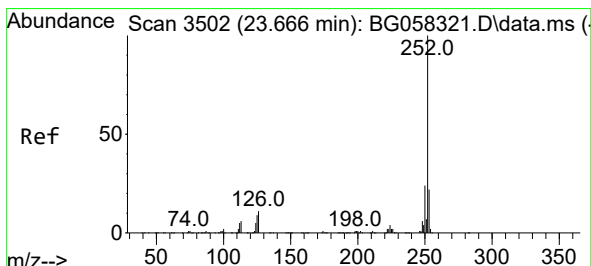
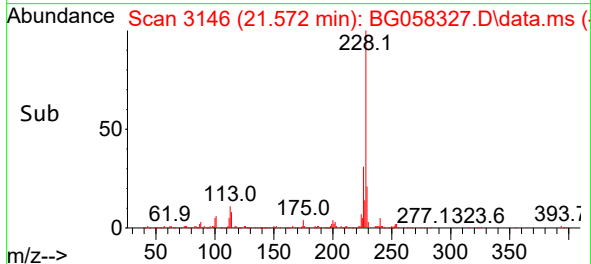
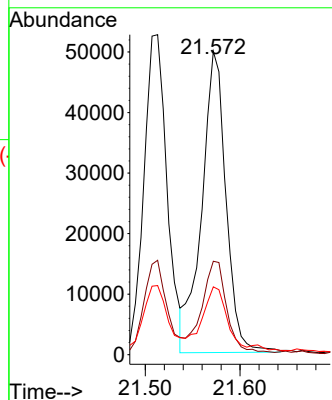
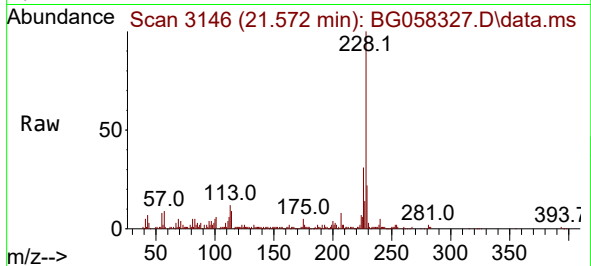




#87
Chrysene
Concen: 4.942 ng/ul
RT: 21.572 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

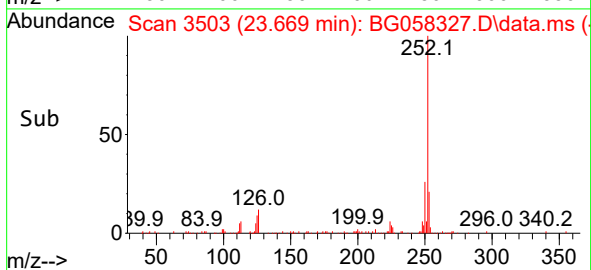
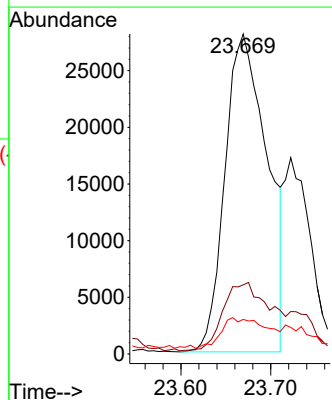
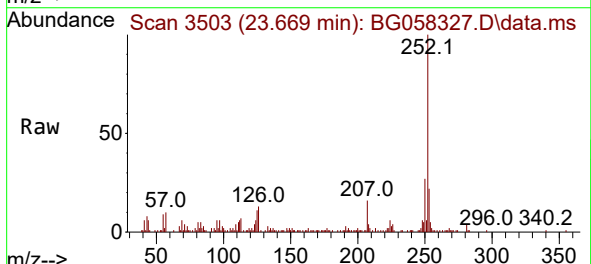
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BNA_G
ClientSampleId :

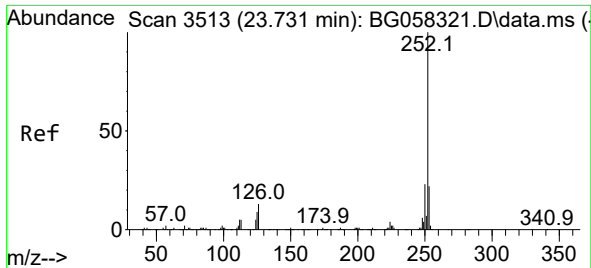
Tgt Ion:228 Resp: 88388
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 22.4 15.8 23.8



#90
Benzo(b)fluoranthene
Concen: 4.692 ng/ul
RT: 23.669 min Scan# 3503
Delta R.T. 0.001 min
Lab File: BG058327.D
Acq: 19 Jul 2023 13:45

Tgt Ion:252 Resp: 91566
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 10.8 6.7 10.1#





#91

Benzo(k)fluoranthene

Concen: 4.704 ng/ul

RT: 23.669 min Scan# 3

Delta R.T. -0.064 min

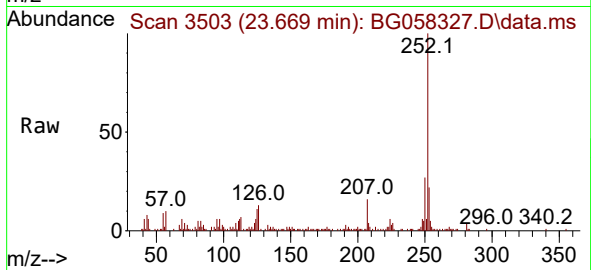
Lab File: BG058327.D

Acq: 19 Jul 2023 13:45

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:252 Resp: 91566

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

125 10.8 7.4 11.0

