

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057968.D
 Acq On : 4 Jul 2023 00:02
 Operator : CG/JU
 Sample : 03246-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ7

Quant Time: Jul 04 00:57:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

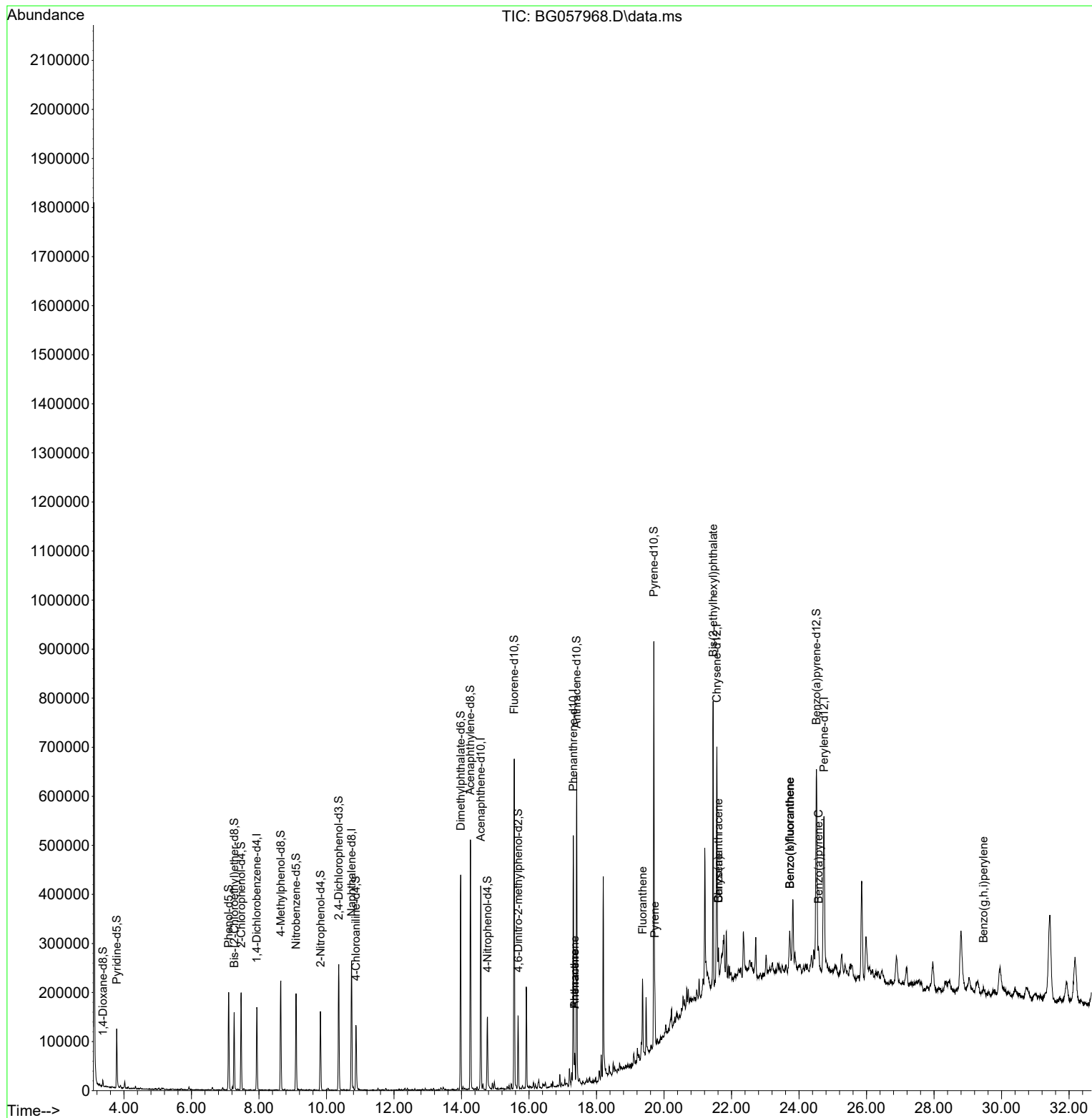
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	47800	20.000	ng/ul	0.00
20) Naphthalene-d8	10.744	136	225294	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.569	164	151024	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.313	188	318898	20.000	ng/ul	0.00
79) Chrysene-d12	21.567	240	258586	20.000	ng/ul	0.00
88) Perylene-d12	24.739	264	317007	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	5727	4.195	ng/uL	0.01
4) Pyridine-d5	3.787	84	68016	16.412	ng/ul	0.01
7) Phenol-d5	7.101	99	123197	25.237	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.266	67	73713	25.057	ng/ul	0.00
11) 2-Chlorophenol-d4	7.471	132	91835	27.276	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	88272	23.965	ng/ul	0.01
21) Nitrobenzene-d5	9.099	128	48281	26.293	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	53837	27.897	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	98571	26.625	ng/ul	0.00
31) 4-Chloroaniline-d4	10.873	131	78210	13.934	ng/ul	0.00
46) Dimethylphthalate-d6	13.976	166	304448	25.549	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	363616	27.964	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	36888	17.522	ng/ul	0.00
60) Fluorene-d10	15.562	176	272685	26.946	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	34385	19.857	ng/ul	0.01
73) Anthracene-d10	17.413	188	387220	26.168	ng/ul	0.00
81) Pyrene-d10	19.698	212	455742	27.984	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.516	264	460421	28.508	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.354	178	39843	2.456	ng/ul	98
74) Anthracene	17.354	178	40066	2.441	ng/ul	98
80) Fluoranthene	19.363	202	80197	4.250	ng/ul	99
82) Pyrene	19.728	202	71853	3.783	ng/ul	97
85) Benzo(a)anthracene	21.614	228	54345	2.927	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.455	149	235181	21.306	ng/ul	96
87) Chrysene	21.614	228	53465	3.072	ng/ul#	95
90) Benzo(b)fluoranthene	23.729	252	89357	4.552	ng/ul	96
91) Benzo(k)fluoranthene	23.729	252	89357	4.645	ng/ul	95
93) Benzo(a)pyrene	24.581	252	54707	3.149	ng/ul#	92
96) Benzo(g,h,i)perylene	29.469	276	33749	1.791	ng/ul#	93

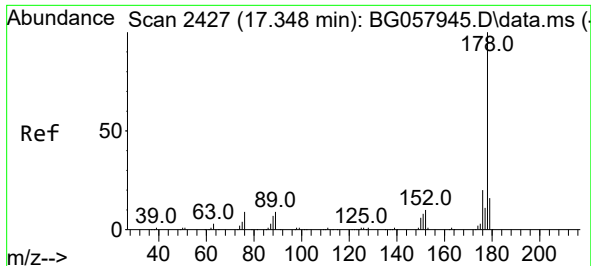
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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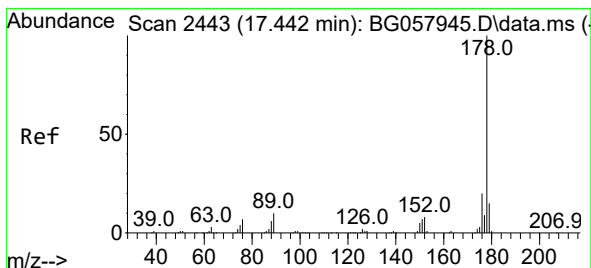
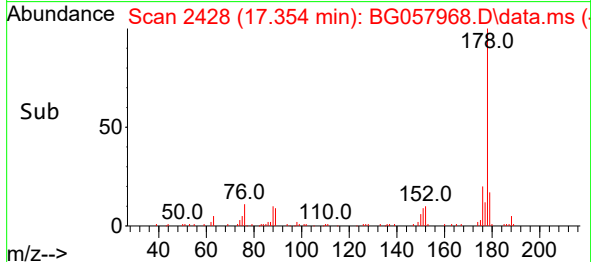
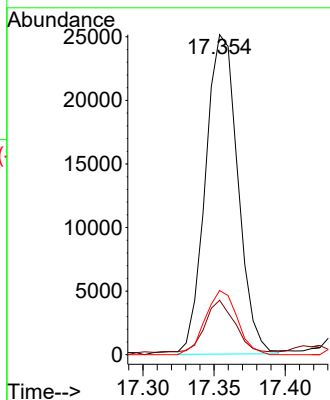
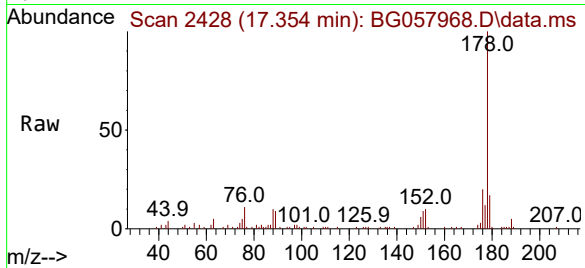




#72
Phenanthrene
Concen: 2.456 ng/ul
RT: 17.354 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BG057968.D
Acq: 4 Jul 2023 00:02

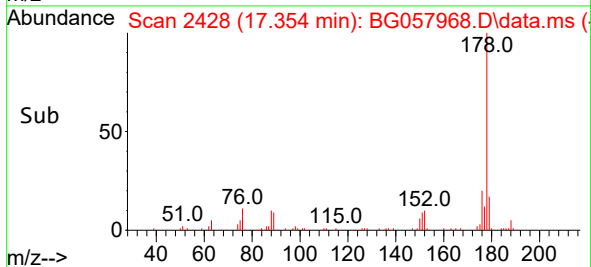
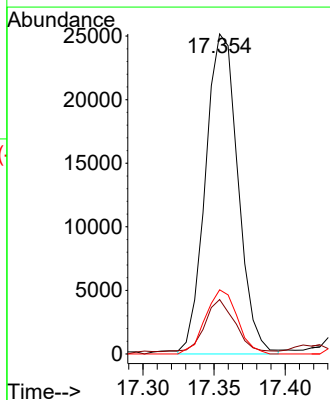
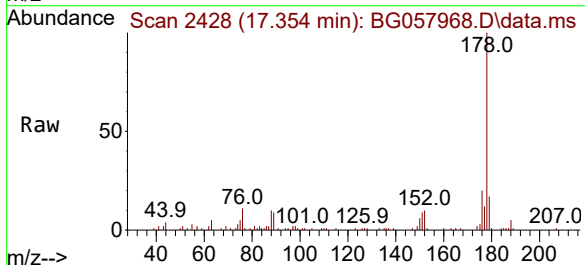
Instrument :
BNA_G
ClientSampleId :
DCGJ7

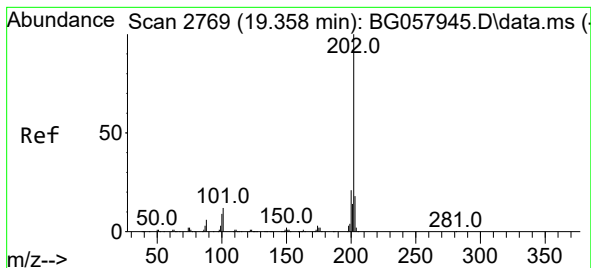
Tgt Ion:178 Resp: 39843
Ion Ratio Lower Upper
178 100
179 17.0 12.8 19.2
176 20.0 15.7 23.5



#74
Anthracene
Concen: 2.441 ng/ul
RT: 17.354 min Scan# 2428
Delta R.T. -0.088 min
Lab File: BG057968.D
Acq: 4 Jul 2023 00:02

Tgt Ion:178 Resp: 40066
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 20.0 15.4 23.2





#80

Fluoranthene

Concen: 4.250 ng/ul

RT: 19.363 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

Instrument :

BNA_G

ClientSampleId :

DCGJ7

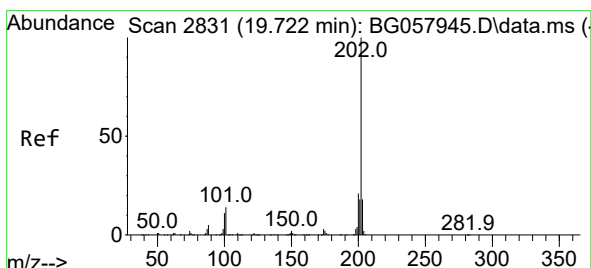
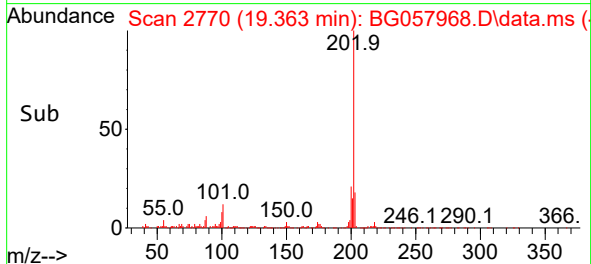
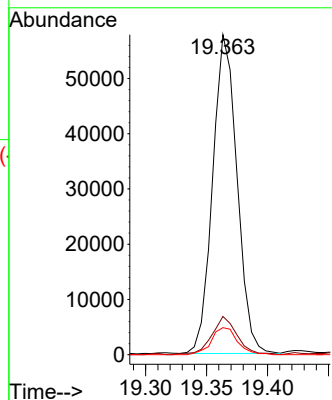
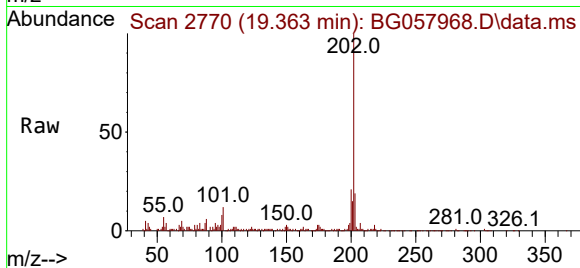
Tgt Ion:202 Resp: 80197

Ion Ratio Lower Upper

202 100

101 12.0 9.1 13.7

100 8.4 7.1 10.7



#82

Pyrene

Concen: 3.783 ng/ul

RT: 19.728 min Scan# 2832

Delta R.T. 0.006 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

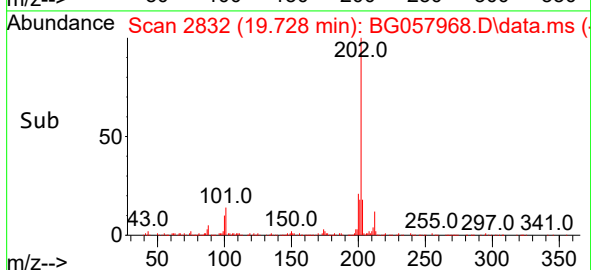
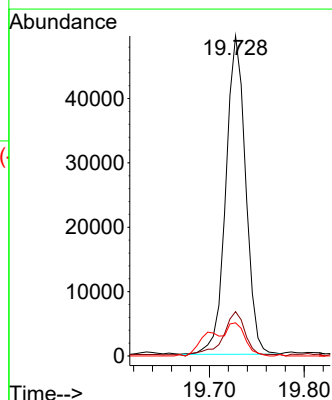
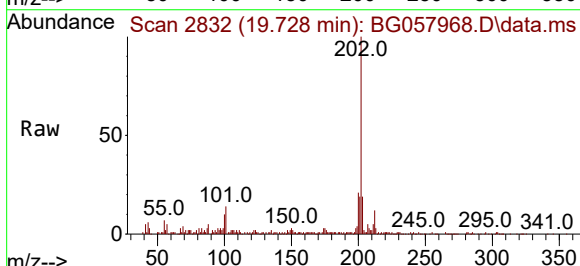
Tgt Ion:202 Resp: 71853

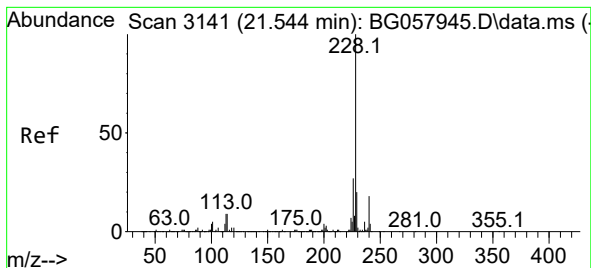
Ion Ratio Lower Upper

202 100

101 13.9 10.2 15.2

100 10.4 8.9 13.3





#85

Benzo(a)anthracene

Concen: 2.927 ng/ul

RT: 21.614 min Scan# 3153

Delta R.T. 0.071 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

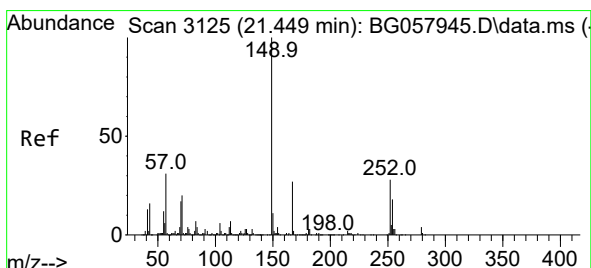
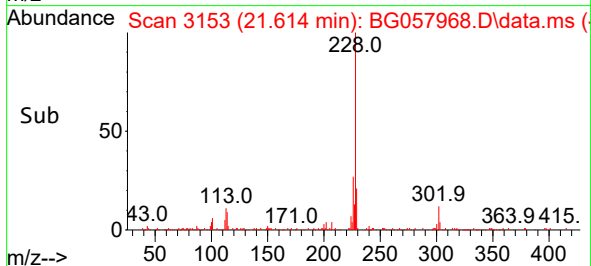
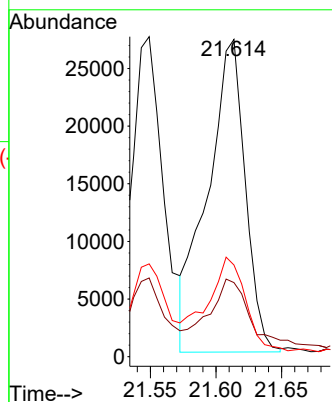
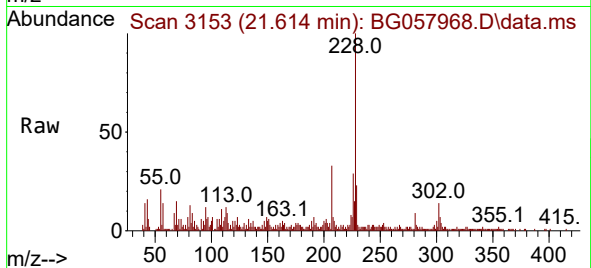
Instrument :

BNA_G

ClientSampleId :

DCGJ7

Tgt Ion:228	Resp:	54345
Ion Ratio	Lower	Upper
228	100	
229	23.3	16.0 24.0
226	28.9	22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.306 ng/ul

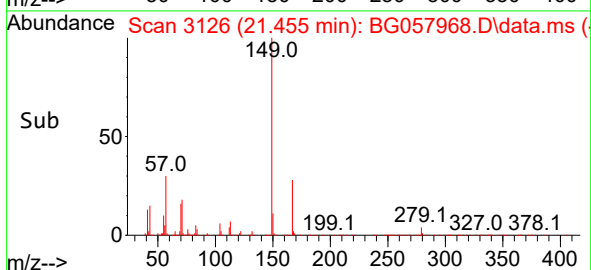
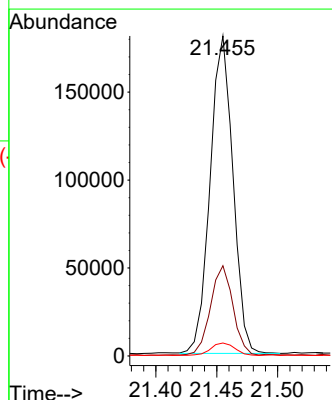
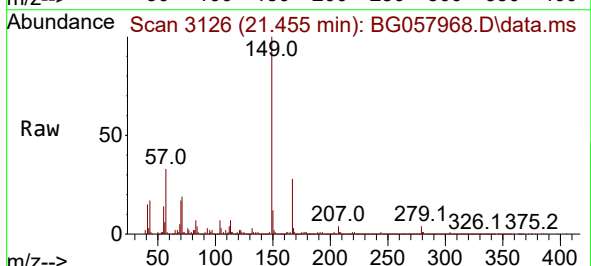
RT: 21.455 min Scan# 3126

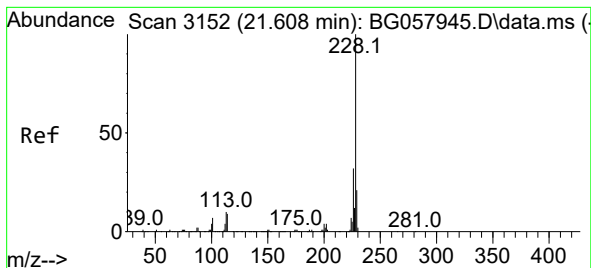
Delta R.T. 0.006 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

Tgt Ion:149	Resp:	235181
Ion Ratio	Lower	Upper
149	100	
167	28.2	20.9 31.3
279	4.0	3.1 4.7





#87

Chrysene

Concen: 3.072 ng/ul

RT: 21.614 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

Instrument :

BNA_G

ClientSampleId :

DCGJ7

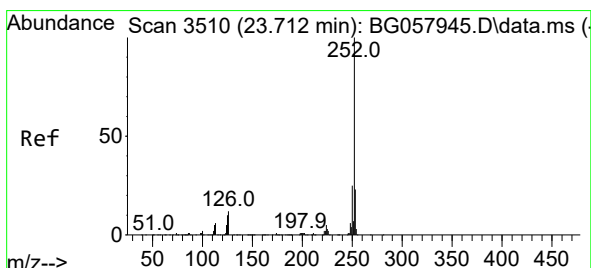
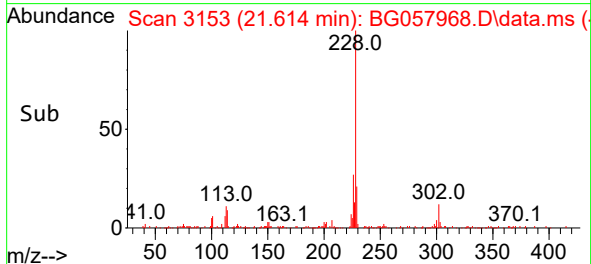
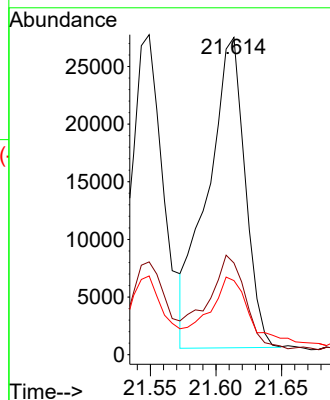
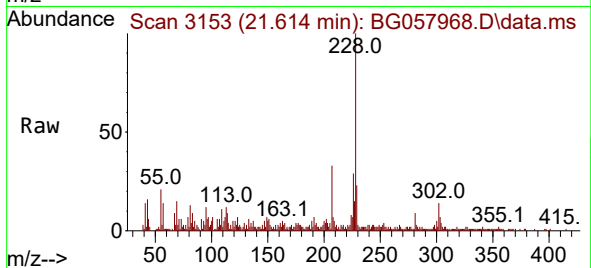
Tgt Ion:228 Resp: 53465

Ion Ratio Lower Upper

228 100

226 28.9 24.4 36.6

229 23.3 15.5 23.3#



#90

Benzo(b)fluoranthene

Concen: 4.552 ng/ul

RT: 23.729 min Scan# 3513

Delta R.T. 0.018 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

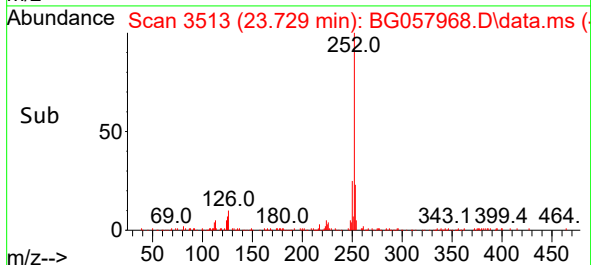
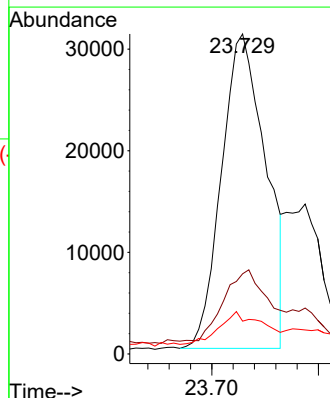
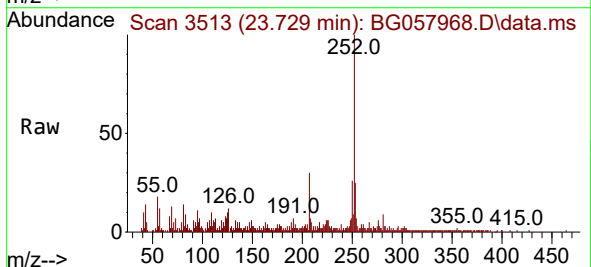
Tgt Ion:252 Resp: 89357

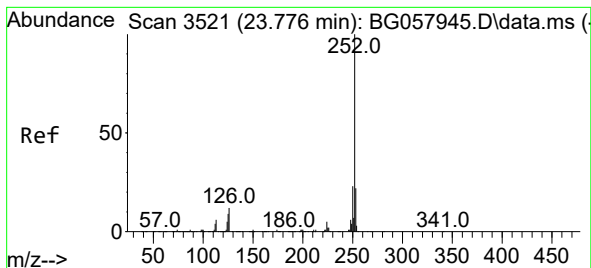
Ion Ratio Lower Upper

252 100

253 25.0 18.1 27.1

125 10.2 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 4.645 ng/ul

RT: 23.729 min Scan# 3513

Delta R.T. -0.047 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

Instrument :

BNA_G

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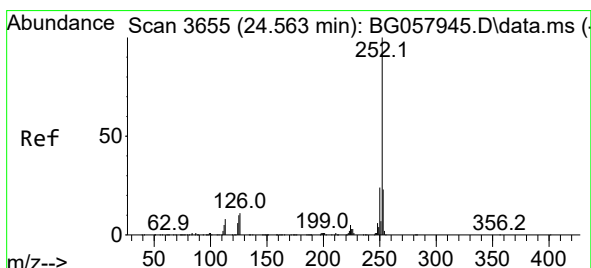
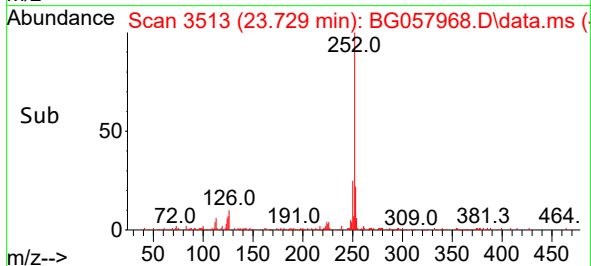
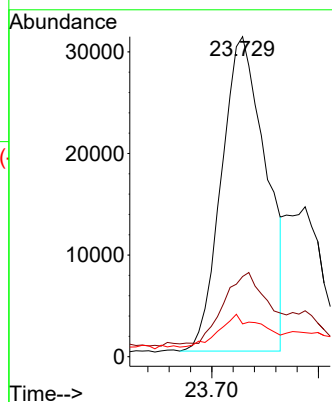
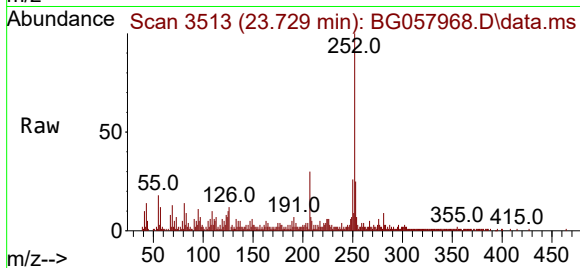
Tgt Ion:252 Resp: 89357

Ion Ratio Lower Upper

252 100

253 25.0 17.7 26.5

125 10.2 7.4 11.2



#93

Benzo(a)pyrene

Concen: 3.149 ng/ul

RT: 24.581 min Scan# 3658

Delta R.T. 0.012 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

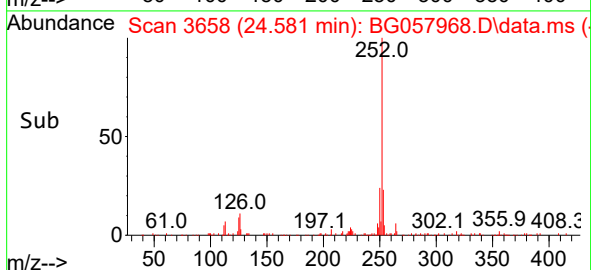
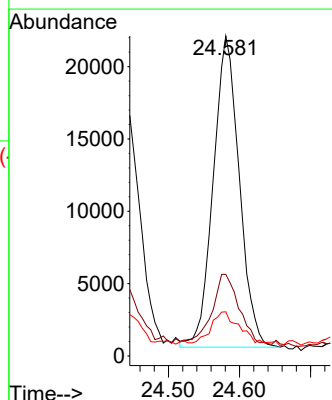
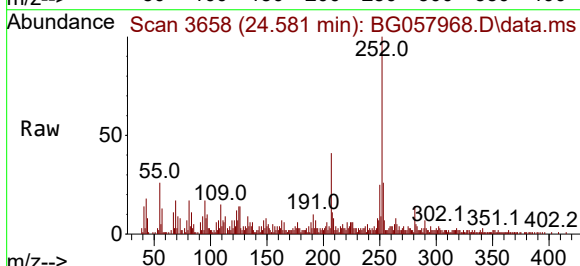
Tgt Ion:252 Resp: 54707

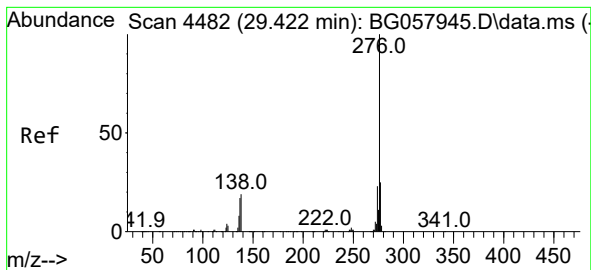
Ion Ratio Lower Upper

252 100

253 25.5 17.8 26.6

125 13.8 8.3 12.5#





#96

Benzo(g,h,i)perylene

Concen: 1.791 ng/ul

RT: 29.469 min Scan# 44

Delta R.T. 0.041 min

Lab File: BG057968.D

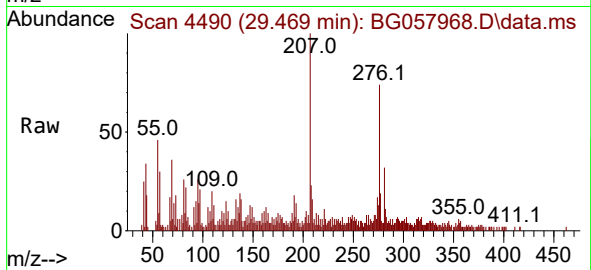
Acq: 4 Jul 2023 00:02

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Tgt Ion:276 Resp: 33749

Ion Ratio Lower Upper

276 100

138 21.4 14.2 21.2#

277 26.2 18.6 27.8

