

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057952.D
 Acq On : 3 Jul 2023 12:47
 Operator : CG/JU
 Sample : 03246-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 04 00:53:30 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

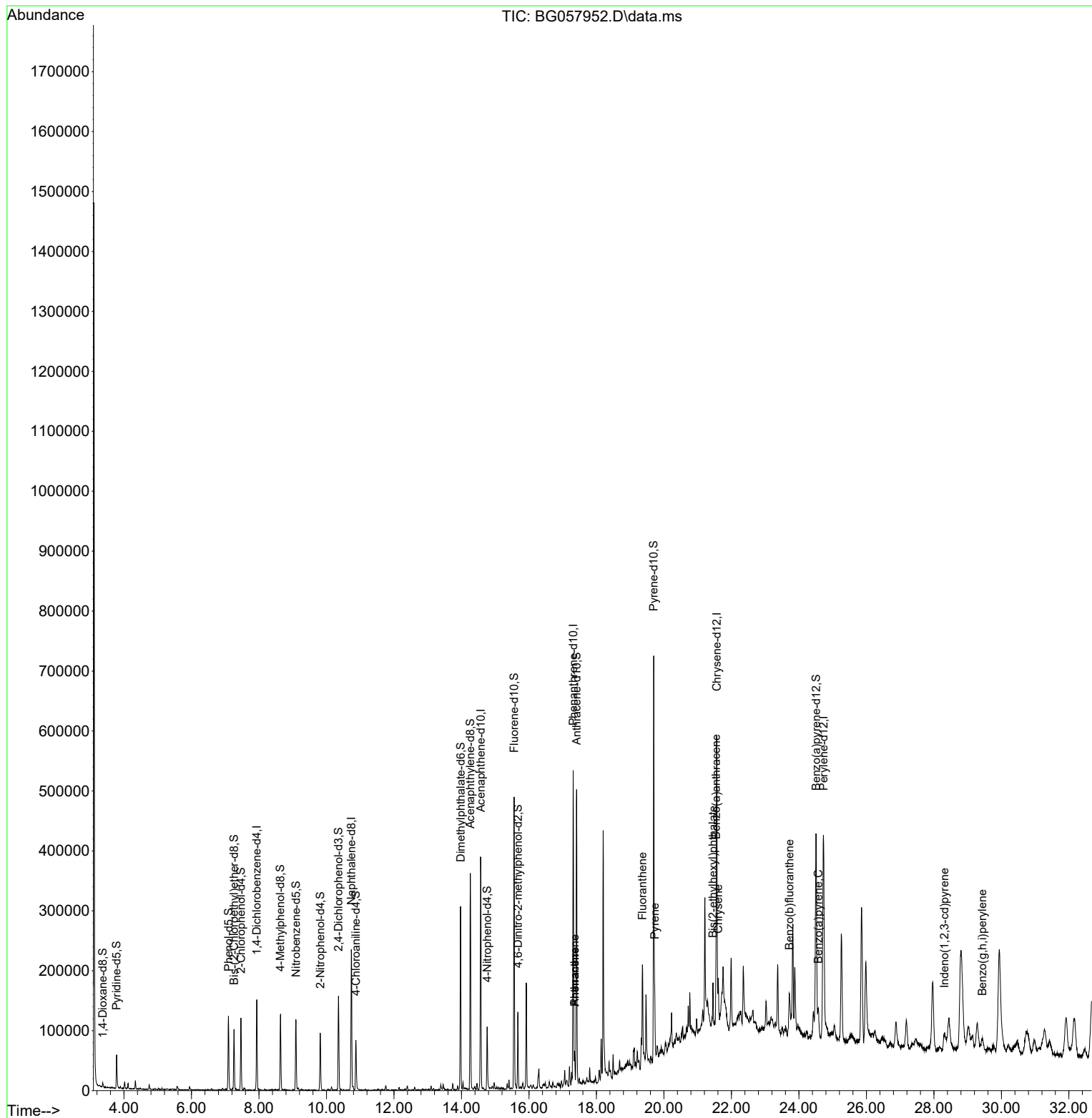
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	41847	20.000	ng/ul	0.00
20) Naphthalene-d8	10.736	136	196913	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.567	164	142779	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.311	188	341152	20.000	ng/ul	0.00
79) Chrysene-d12	21.565	240	272985	20.000	ng/ul	0.00
88) Perylene-d12	24.726	264	332746	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	3582	2.997	ng/uL	0.00
4) Pyridine-d5	3.780	84	30726	8.469	ng/ul	0.00
7) Phenol-d5	7.094	99	73741	17.255	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	48815	18.954	ng/ul	0.00
11) 2-Chlorophenol-d4	7.464	132	56204	19.068	ng/ul	0.00
15) 4-Methylphenol-d8	8.633	113	50962	15.804	ng/ul	0.00
21) Nitrobenzene-d5	9.097	128	28725	17.898	ng/ul	0.00
24) 2-Nitrophenol-d4	9.814	143	32389	19.202	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.354	165	61620	19.043	ng/ul	0.00
31) 4-Chloroaniline-d4	10.871	131	47900	9.764	ng/ul	0.00
46) Dimethylphthalate-d6	13.974	166	219582	19.492	ng/ul	0.00
49) Acenaphthylene-d8	14.262	160	251606	20.467	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	27471	13.802	ng/ul	0.00
60) Fluorene-d10	15.560	176	198917	20.791	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.672	200	27633	14.917	ng/ul	0.00
73) Anthracene-d10	17.411	188	308978	19.518	ng/ul	0.00
81) Pyrene-d10	19.696	212	362800	21.102	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.508	264	353627	20.860	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.352	178	30873	1.779	ng/ul	99
74) Anthracene	17.352	178	30873	1.758	ng/ul	98
80) Fluoranthene	19.361	202	80922	4.062	ng/ul	97
82) Pyrene	19.726	202	70836	3.532	ng/ul	98
85) Benzo(a)anthracene	21.547	228	46620	2.378	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.453	149	28955	2.485	ng/ul	99
87) Chrysene	21.606	228	54992	2.993	ng/ul	98
90) Benzo(b)fluoranthene	23.721	252	80611	3.913	ng/ul#	95
93) Benzo(a)pyrene	24.573	252	51529	2.826	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.316	276	44722	1.847	ng/ul#	91
96) Benzo(g,h,i)perylene	29.432	276	39800	2.012	ng/ul	95

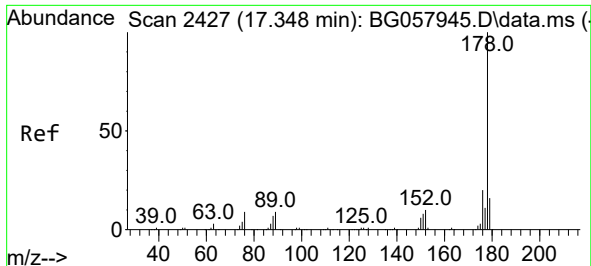
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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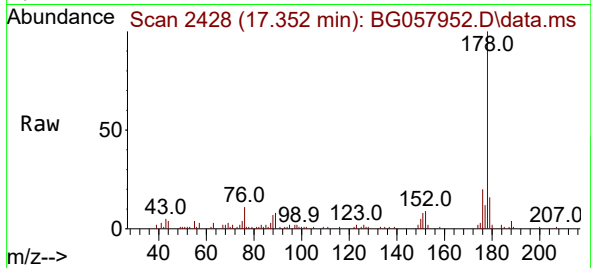
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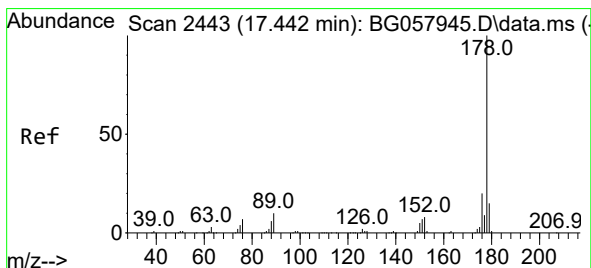
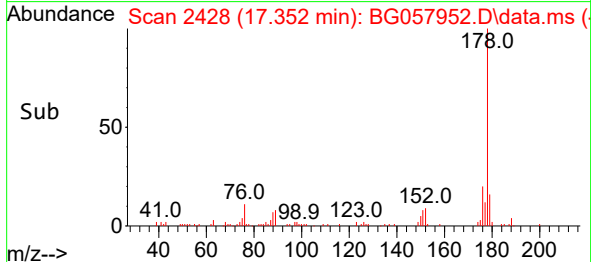
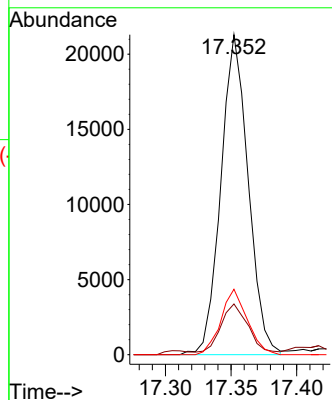


#72
Phenanthrene
Concen: 1.779 ng/ul
RT: 17.352 min Scan# 2428
Delta R.T. 0.004 min
Lab File: BG057952.D
Acq: 3 Jul 2023 12:47

Instrument :
BNA_P
ClientSampleId :

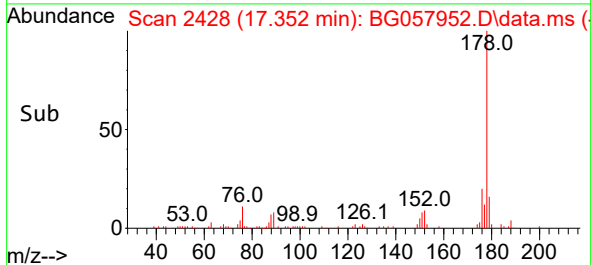
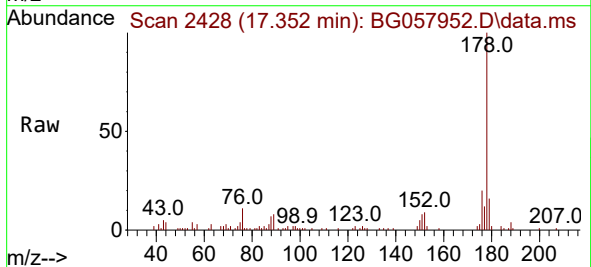
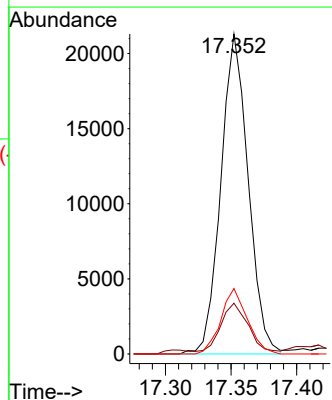


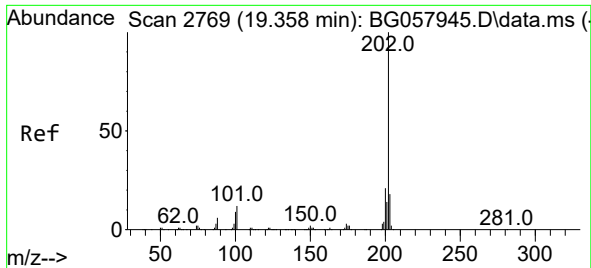
Tgt Ion:178 Resp: 30873
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.4 15.7 23.5



#74
Anthracene
Concen: 1.758 ng/ul
RT: 17.352 min Scan# 2428
Delta R.T. -0.090 min
Lab File: BG057952.D
Acq: 3 Jul 2023 12:47

Tgt Ion:178 Resp: 30873
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 20.4 15.4 23.2

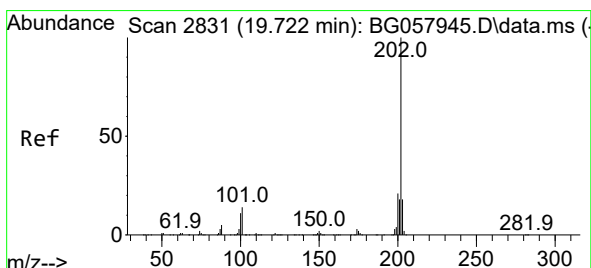
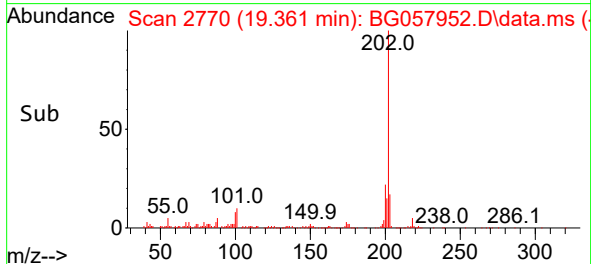
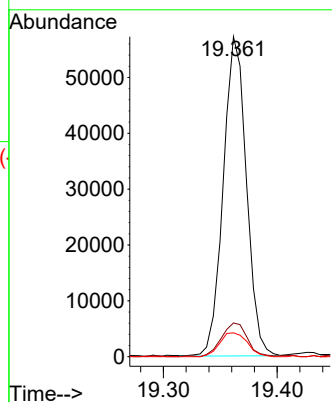
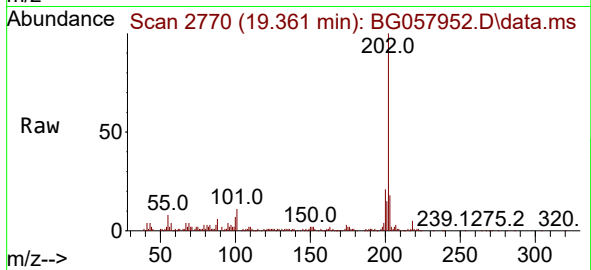




#80
Fluoranthene
Concen: 4.062 ng/ul
RT: 19.361 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057952.D
Acq: 3 Jul 2023 12:47

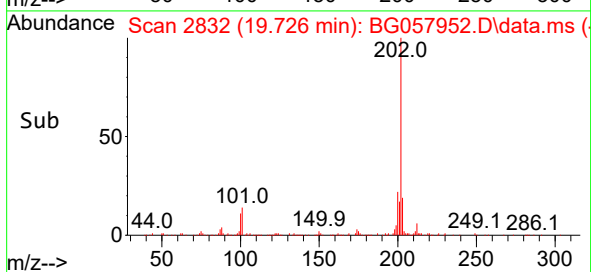
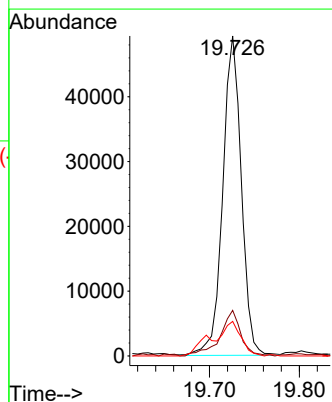
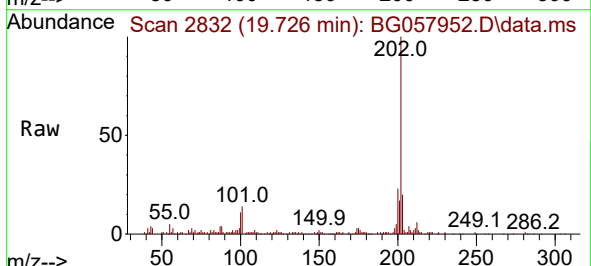
Instrument :
BNA_P
ClientSampleId :

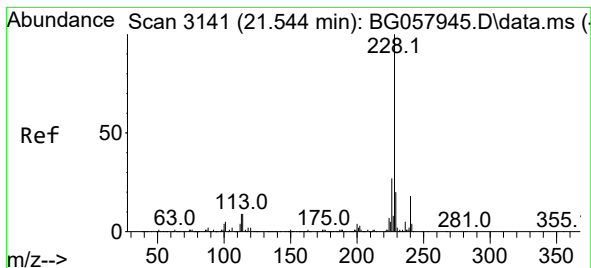
Tgt Ion:202 Resp: 80922
Ion Ratio Lower Upper
202 100
101 10.5 9.1 13.7
100 7.4 7.1 10.7



#82
Pyrene
Concen: 3.532 ng/ul
RT: 19.726 min Scan# 2832
Delta R.T. 0.004 min
Lab File: BG057952.D
Acq: 3 Jul 2023 12:47

Tgt Ion:202 Resp: 70836
Ion Ratio Lower Upper
202 100
101 14.2 10.2 15.2
100 10.8 8.9 13.3





#85

Benzo(a)anthracene

Concen: 2.378 ng/ul

RT: 21.547 min Scan# 3141

Delta R.T. 0.004 min

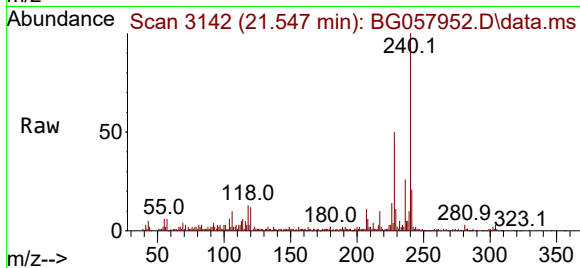
Lab File: BG057952.D

Acq: 3 Jul 2023 12:47

Instrument :

BNA_P

ClientSampleId :



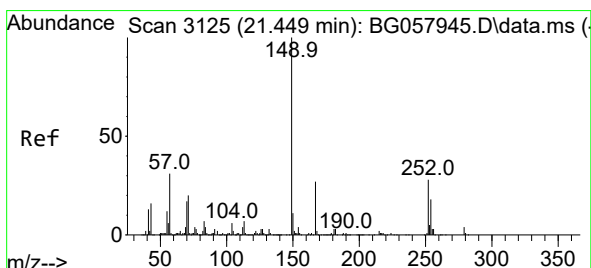
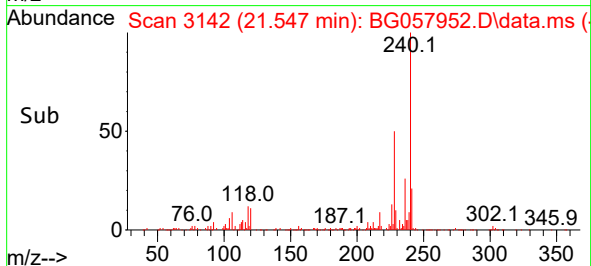
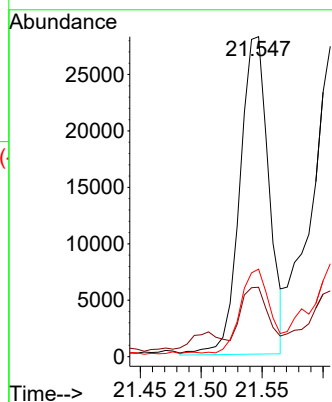
Tgt Ion:228 Resp: 46620

Ion Ratio Lower Upper

228 100

229 21.7 16.0 24.0

226 27.4 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.485 ng/ul

RT: 21.453 min Scan# 3126

Delta R.T. 0.004 min

Lab File: BG057952.D

Acq: 3 Jul 2023 12:47

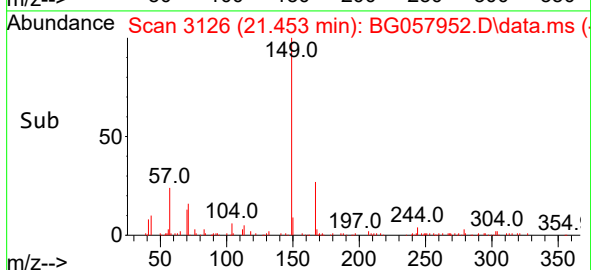
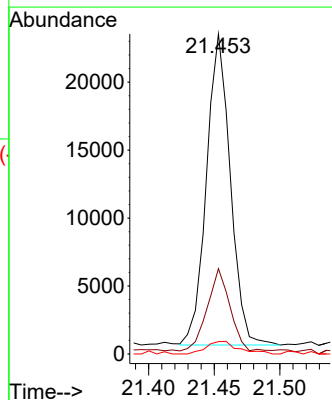
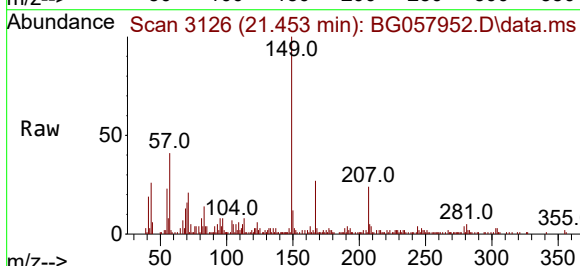
Tgt Ion:149 Resp: 28955

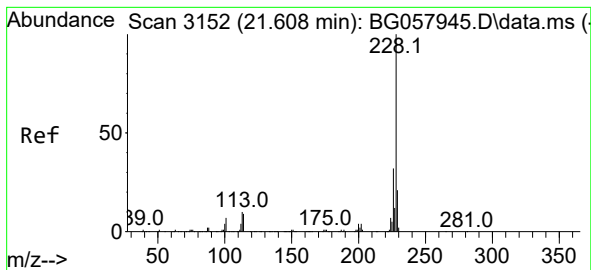
Ion Ratio Lower Upper

149 100

167 26.6 20.9 31.3

279 3.9 3.1 4.7





#87

Chrysene

Concen: 2.993 ng/ul

RT: 21.606 min Scan# 3152

Delta R.T. -0.002 min

Lab File: BG057952.D

Acq: 3 Jul 2023 12:47

Instrument :

BNA_P

ClientSampleId :

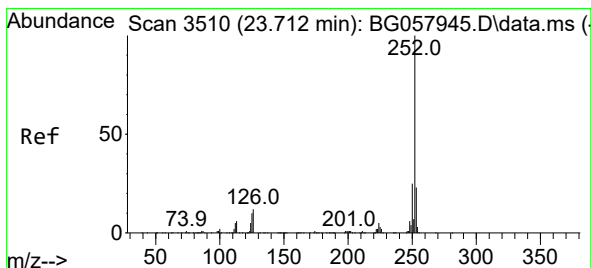
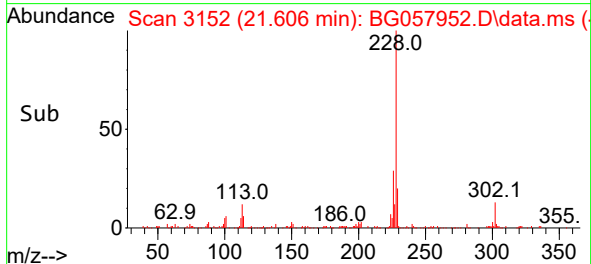
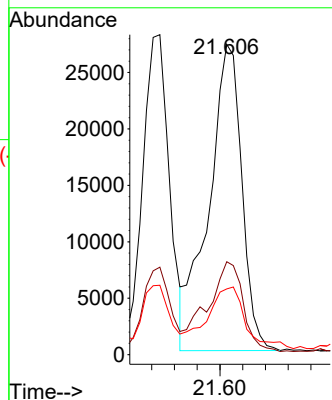
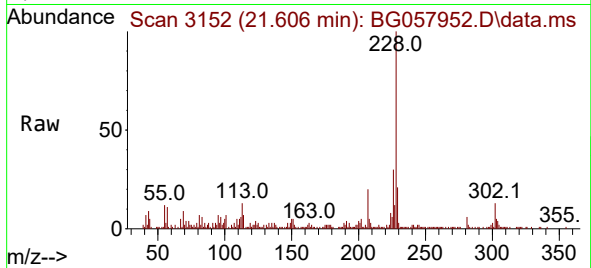
Tgt Ion:228 Resp: 54992

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 21.2 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 3.913 ng/ul

RT: 23.721 min Scan# 3512

Delta R.T. 0.010 min

Lab File: BG057952.D

Acq: 3 Jul 2023 12:47

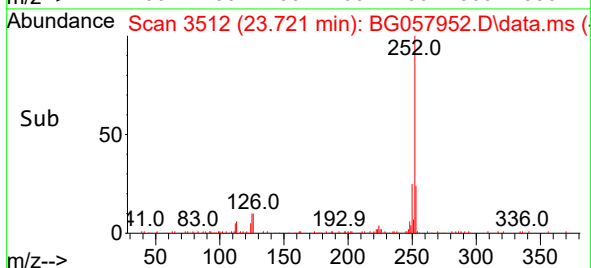
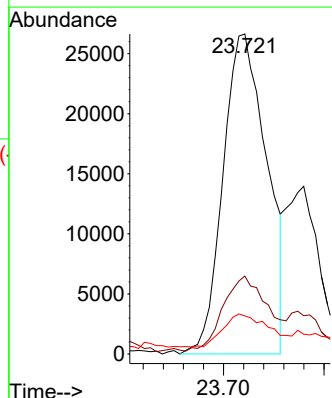
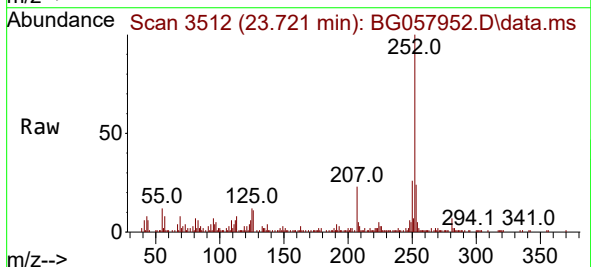
Tgt Ion:252 Resp: 80611

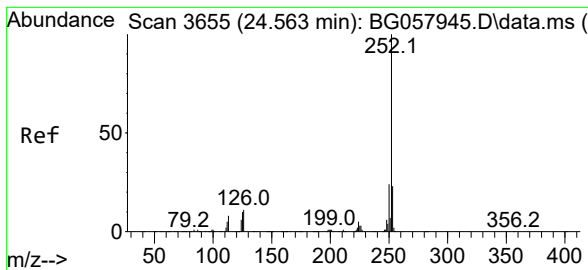
Ion Ratio Lower Upper

252 100

253 24.4 18.1 27.1

125 11.9 7.5 11.3#





#93

Benzo(a)pyrene

Concen: 2.826 ng/ul

RT: 24.573 min Scan# 30

Delta R.T. 0.004 min

Lab File: BG057952.D

Acq: 3 Jul 2023 12:47

Instrument :

BNA_P

ClientSampleId :

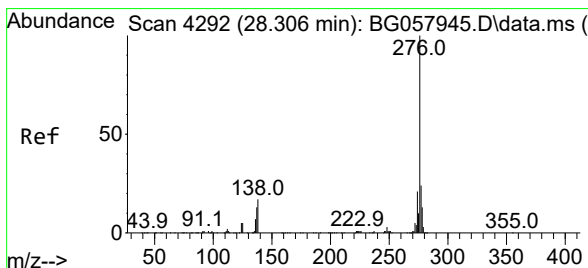
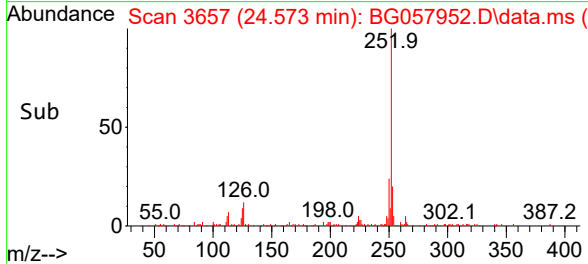
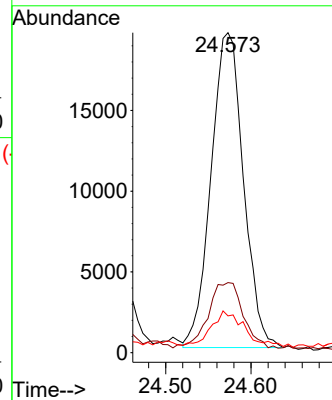
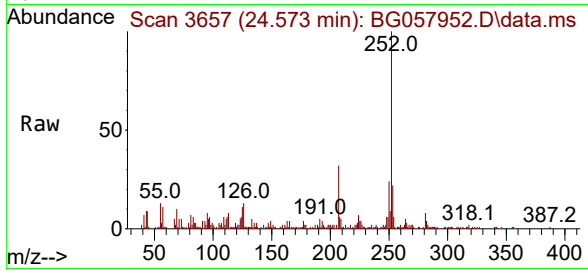
Tgt Ion:252 Resp: 51529

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 11.5 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.847 ng/ul

RT: 28.316 min Scan# 4294

Delta R.T. 0.010 min

Lab File: BG057952.D

Acq: 3 Jul 2023 12:47

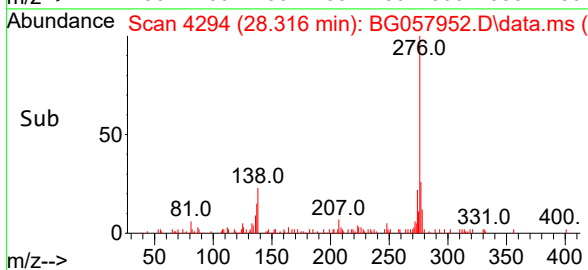
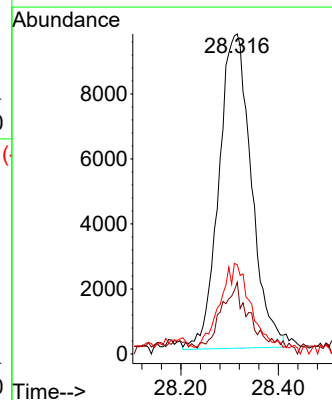
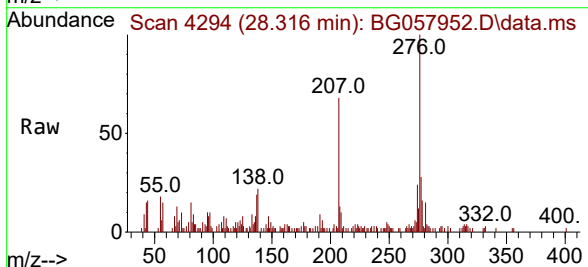
Tgt Ion:276 Resp: 44722

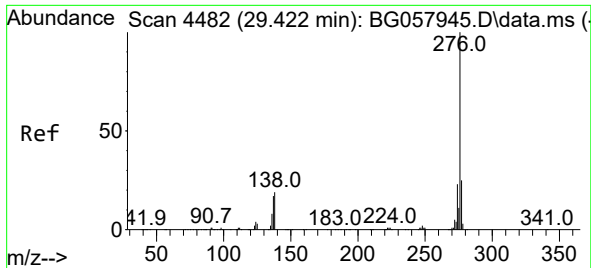
Ion Ratio Lower Upper

276 100

138 22.4 14.0 21.0#

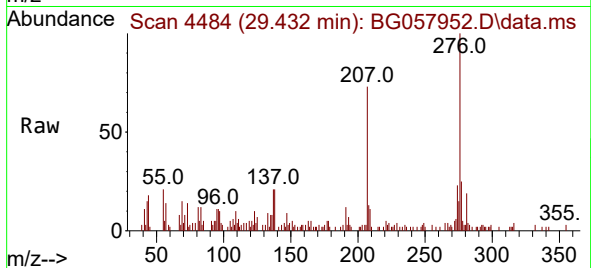
277 27.9 19.4 29.2





#96
 Benzo(g,h,i)perylene
 Concen: 2.012 ng/ul
 RT: 29.432 min Scan# 44
 Delta R.T. 0.004 min
 Lab File: BG057952.D
 Acq: 3 Jul 2023 12:47

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:	276	Resp:	39800
Ion	Ratio	Lower	Upper
276	100		
138	20.9	14.2	21.2
277	24.7	18.6	27.8

