

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057965.D
 Acq On : 3 Jul 2023 21:55
 Operator : CG/JU
 Sample : 03247-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 04 00:56:35 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)

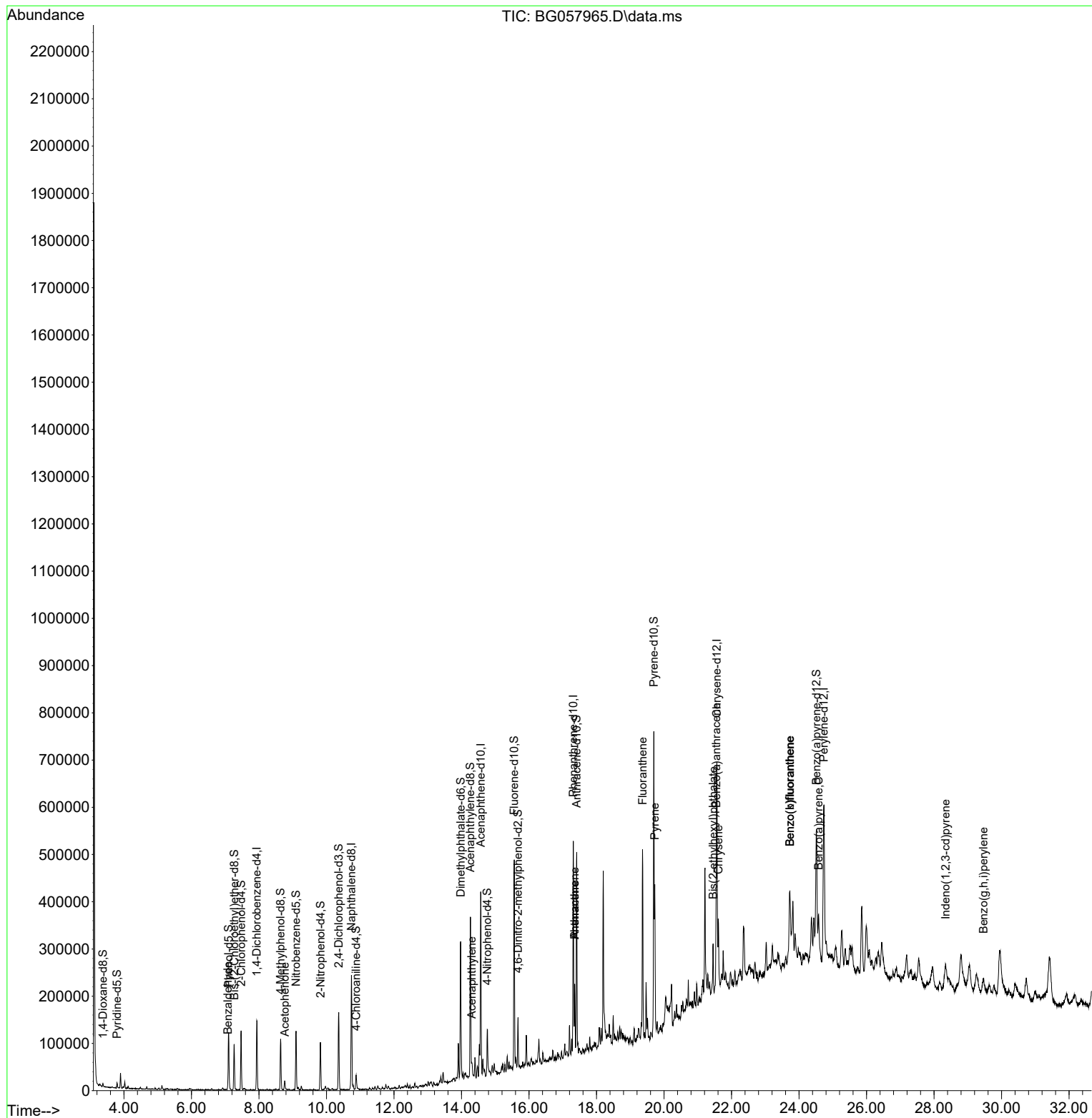
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	43538	20.000	ng/ul	0.00
20) Naphthalene-d8	10.737	136	204706	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.568	164	141106	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.311	188	297236	20.000	ng/ul	0.00
79) Chrysene-d12	21.565	240	249823	20.000	ng/ul	0.00
88) Perylene-d12	24.732	264	303263	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	3564	2.866	ng/uL	0.01
4) Pyridine-d5	3.792	84	3826	1.014	ng/ul	0.02
7) Phenol-d5	7.100	99	75767	17.040	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.264	67	48009	17.917	ng/ul	0.00
11) 2-Chlorophenol-d4	7.470	132	58066	18.935	ng/ul	0.00
15) 4-Methylphenol-d8	8.639	113	42390	12.635	ng/ul	0.00
21) Nitrobenzene-d5	9.097	128	30118	18.052	ng/ul	0.00
24) 2-Nitrophenol-d4	9.820	143	32994	18.816	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.361	165	63894	18.994	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	17707	3.472	ng/ul	0.01
46) Dimethylphthalate-d6	13.974	166	200026	17.966	ng/ul	0.00
49) Acenaphthylene-d8	14.262	160	236735	19.486	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	27447	13.954	ng/ul	0.00
60) Fluorene-d10	15.560	176	181269	19.171	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.672	200	23680	14.672	ng/ul	0.00
73) Anthracene-d10	17.411	188	264876	19.204	ng/ul	0.00
81) Pyrene-d10	19.697	212	319364	20.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.515	264	318309	20.602	ng/ul	0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.076	77	1606	1.082	ng/ul#	84
16) Acetophenone	8.763	105	13571	2.438	ng/ul	98
50) Acenaphthylene	14.297	152	15654	1.193	ng/ul	95
72) Phenanthrene	17.352	178	90746	6.002	ng/ul	99
74) Anthracene	17.352	178	91141	5.957	ng/ul	100
80) Fluoranthene	19.362	202	234871	12.883	ng/ul	100
82) Pyrene	19.726	202	188542	10.274	ng/ul	99
85) Benzo(a)anthracene	21.548	228	111527	6.217	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.454	149	41343	3.877	ng/ul	95
87) Chrysene	21.606	228	113544	6.752	ng/ul	96
90) Benzo(b)fluoranthene	23.727	252	180586	9.617	ng/ul	94
91) Benzo(k)fluoranthene	23.727	252	180586	9.812	ng/ul	93
93) Benzo(a)pyrene	24.579	252	110709	6.661	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.340	276	85252	3.863	ng/ul	97
96) Benzo(g,h,i)perylene	29.462	276	76085	4.221	ng/ul#	94

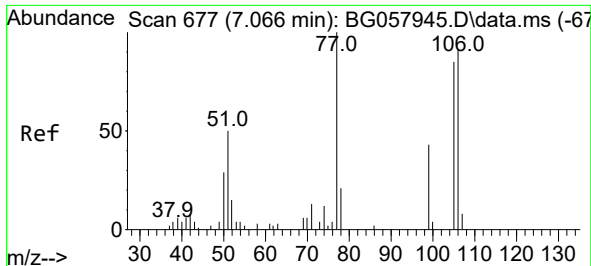
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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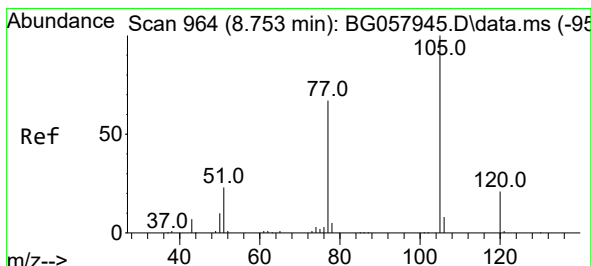
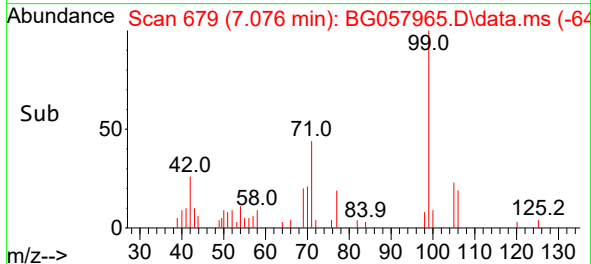
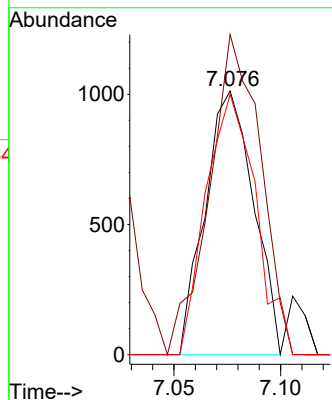
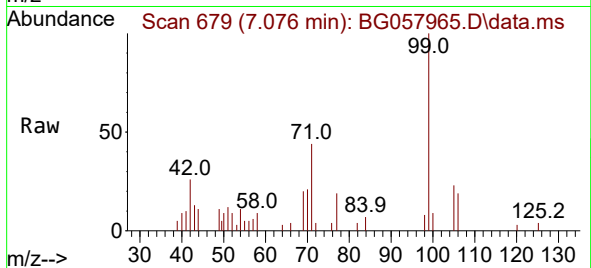




#6
Benzaldehyde
Concen: 1.082 ng/ul
RT: 7.076 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55

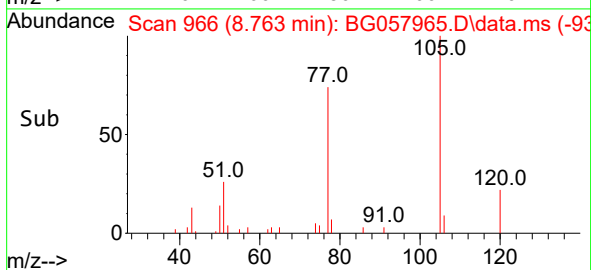
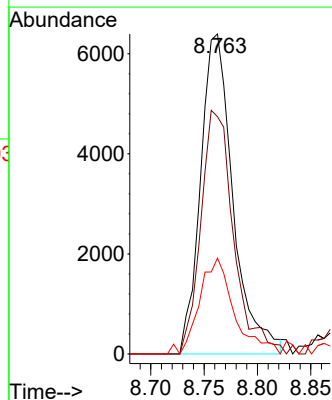
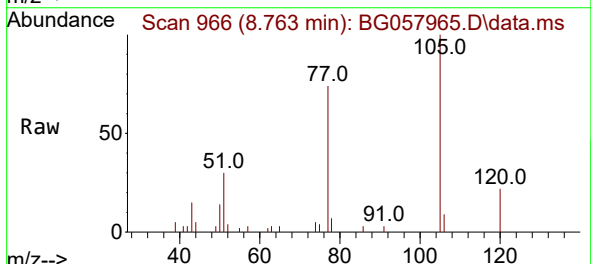
Instrument :
BNA_P
ClientSampleId :

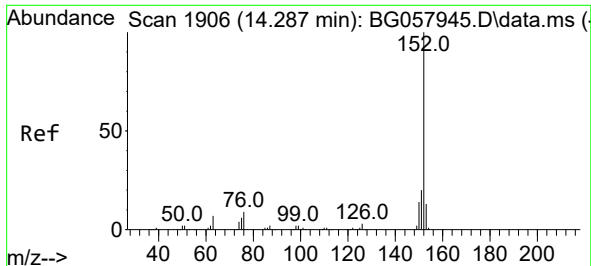
Tgt Ion: 77 Resp: 1606
Ion Ratio Lower Upper
77 100
105 121.3 74.7 112.1#
106 98.7 75.9 113.9



#16
Acetophenone
Concen: 2.438 ng/ul
RT: 8.763 min Scan# 966
Delta R.T. 0.010 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55

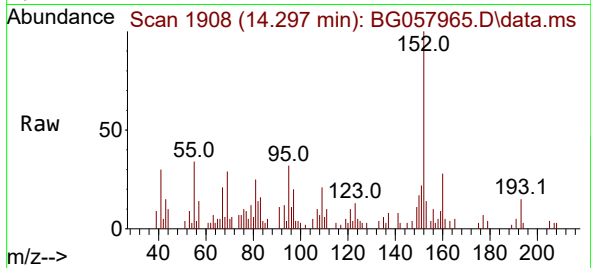
Tgt Ion: 105 Resp: 13571
Ion Ratio Lower Upper
105 100
77 74.2 61.2 91.8
51 30.0 23.5 35.3



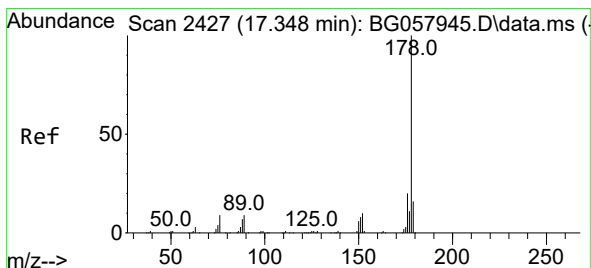
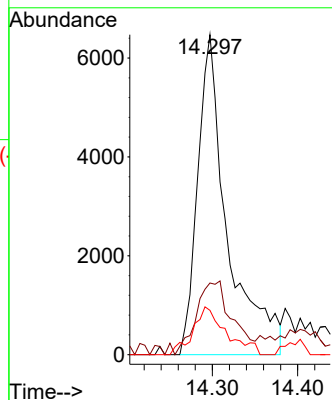
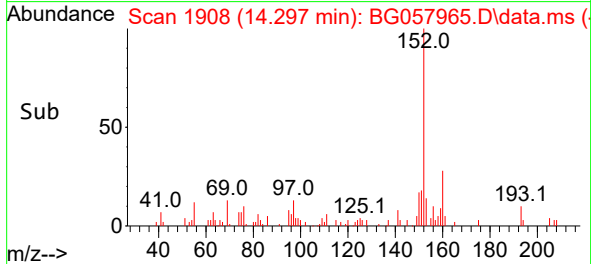


#50
Acenaphthylene
Concen: 1.193 ng/ul
RT: 14.297 min Scan# 1906
Delta R.T. 0.010 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55

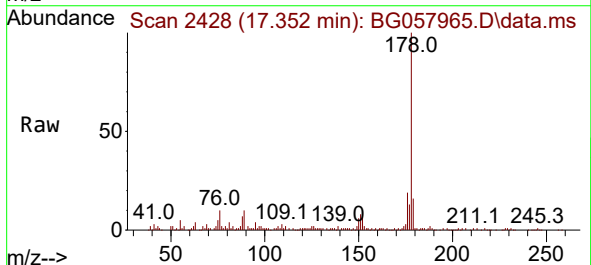
Instrument :
BNA_P
ClientSampleId :



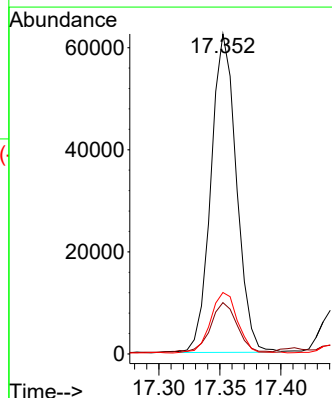
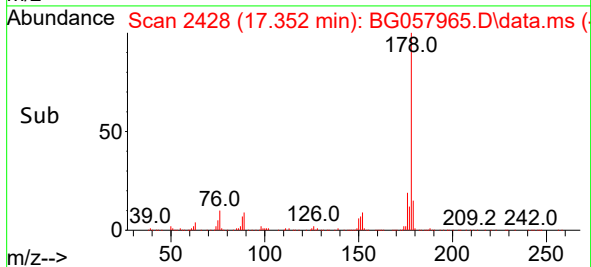
Tgt Ion:152 Resp: 15654
Ion Ratio Lower Upper
152 100
151 22.4 15.6 23.4
153 13.8 10.5 15.7

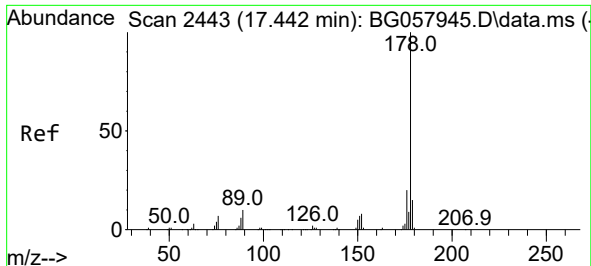


#72
Phenanthrene
Concen: 6.002 ng/ul
RT: 17.352 min Scan# 2428
Delta R.T. 0.005 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55



Tgt Ion:178 Resp: 90746
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.2 15.7 23.5

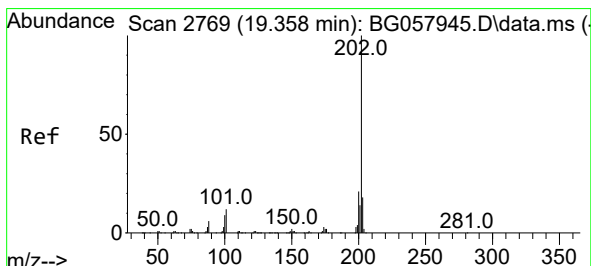
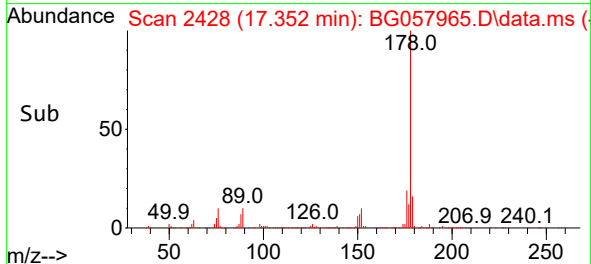
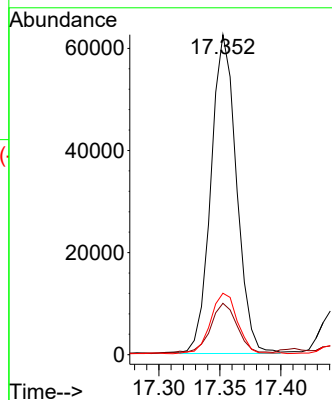
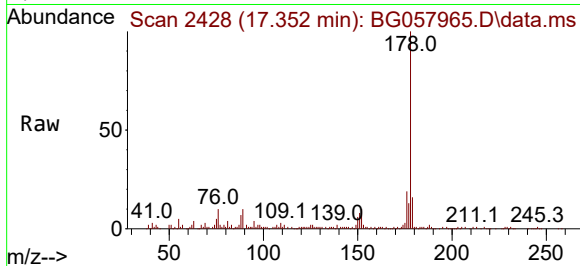




#74
 Anthracene
 Concen: 5.957 ng/ul
 RT: 17.352 min Scan# 2443
 Delta R.T. -0.089 min
 Lab File: BG057965.D
 Acq: 3 Jul 2023 21:55

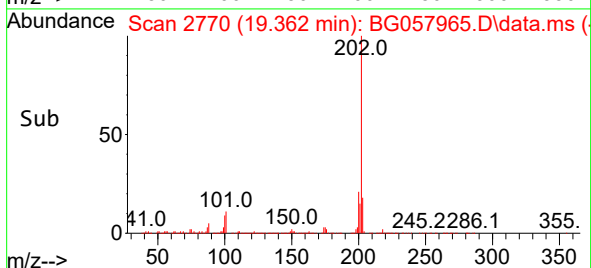
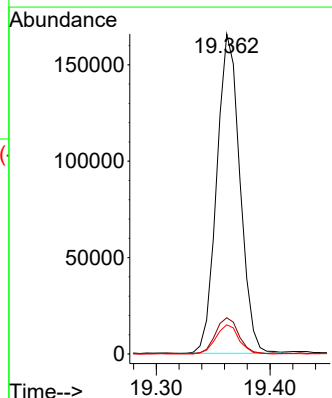
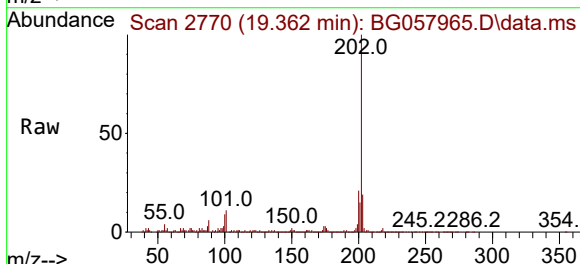
Instrument :
 BNA_P
 ClientSampleId :

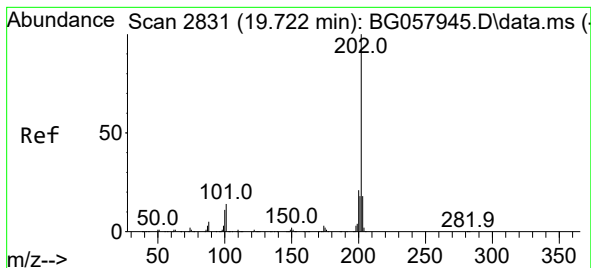
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	19.2	15.4	23.2



#80
 Fluoranthene
 Concen: 12.883 ng/ul
 RT: 19.362 min Scan# 2770
 Delta R.T. 0.005 min
 Lab File: BG057965.D
 Acq: 3 Jul 2023 21:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.1	13.7
100	9.1	7.1	10.7





#82

Pyrene

Concen: 10.274 ng/ul

RT: 19.726 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG057965.D

Acq: 3 Jul 2023 21:55

Instrument :

BNA_P

ClientSampleId :

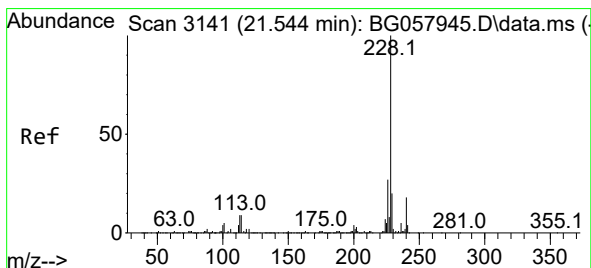
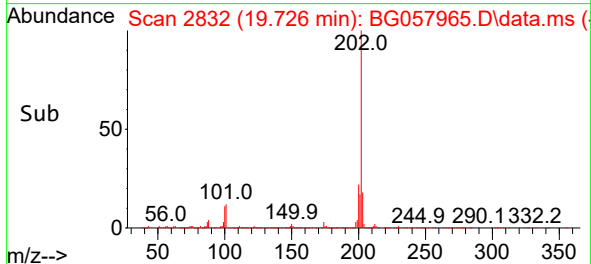
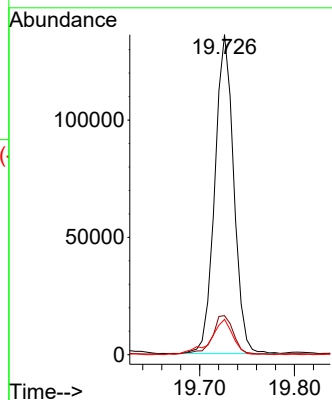
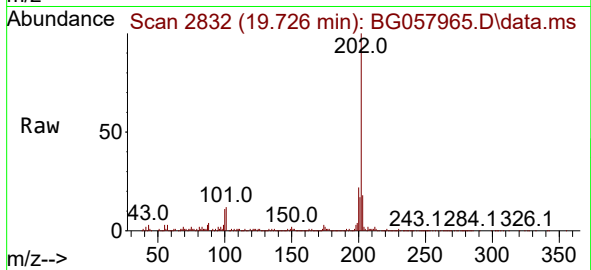
Tgt Ion:202 Resp: 188542

Ion Ratio Lower Upper

202 100

101 12.2 10.2 15.2

100 11.1 8.9 13.3



#85

Benzo(a)anthracene

Concen: 6.217 ng/ul

RT: 21.548 min Scan# 3142

Delta R.T. 0.005 min

Lab File: BG057965.D

Acq: 3 Jul 2023 21:55

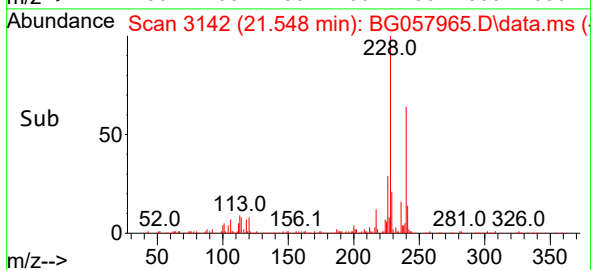
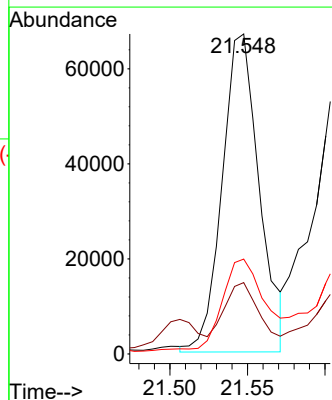
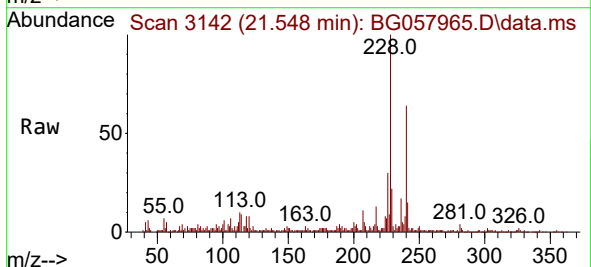
Tgt Ion:228 Resp: 111527

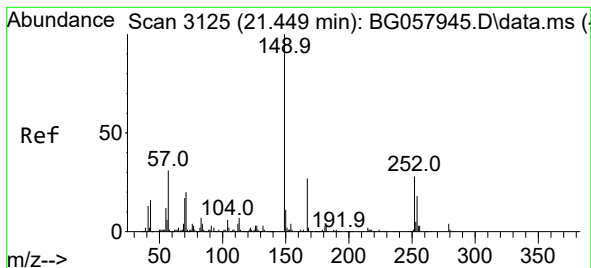
Ion Ratio Lower Upper

228 100

229 22.3 16.0 24.0

226 29.6 22.0 33.0

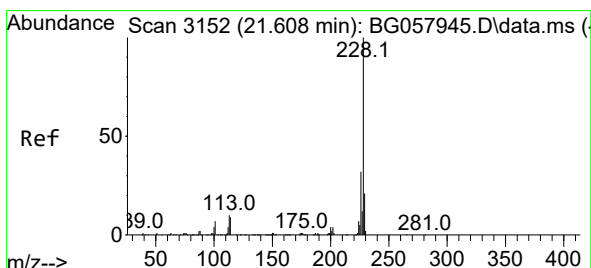
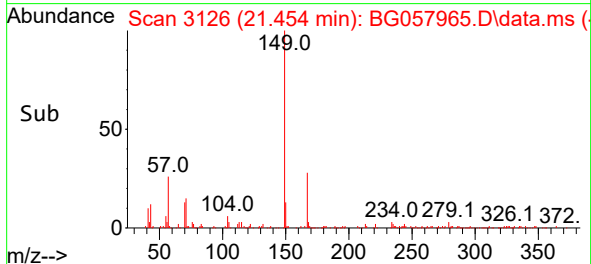
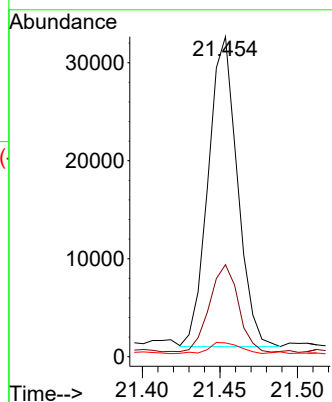
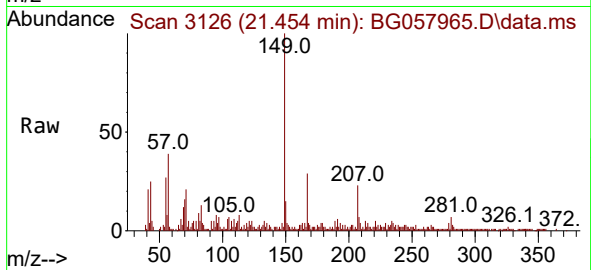




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.877 ng/ul
 RT: 21.454 min Scan# 3126
 Delta R.T. 0.005 min
 Lab File: BG057965.D
 Acq: 3 Jul 2023 21:55

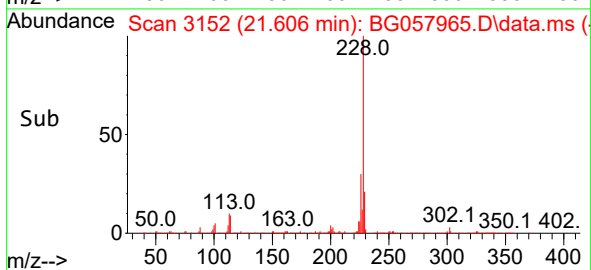
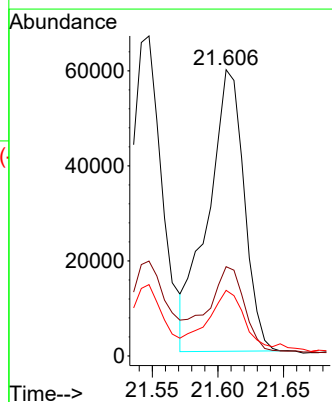
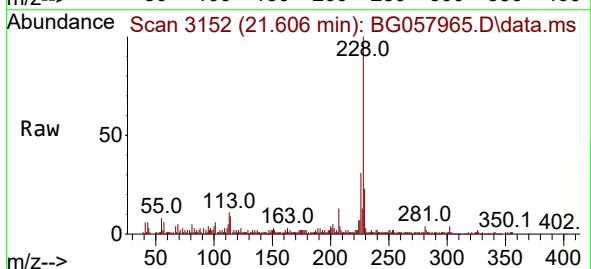
Instrument :
 BNA_P
 ClientSampleId :

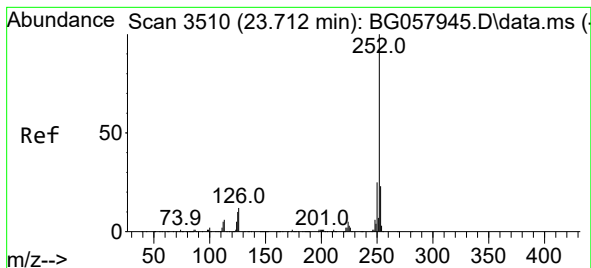
Tgt Ion:149 Resp: 41343
 Ion Ratio Lower Upper
 149 100
 167 28.7 20.9 31.3
 279 4.3 3.1 4.7



#87
 Chrysene
 Concen: 6.752 ng/ul
 RT: 21.606 min Scan# 3152
 Delta R.T. -0.001 min
 Lab File: BG057965.D
 Acq: 3 Jul 2023 21:55

Tgt Ion:228 Resp: 113544
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.4 36.6
 229 22.9 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 9.617 ng/ul

RT: 23.727 min Scan# 3513

Delta R.T. 0.016 min

Lab File: BG057965.D

Acq: 3 Jul 2023 21:55

Instrument :

BNA_P

ClientSampleId :

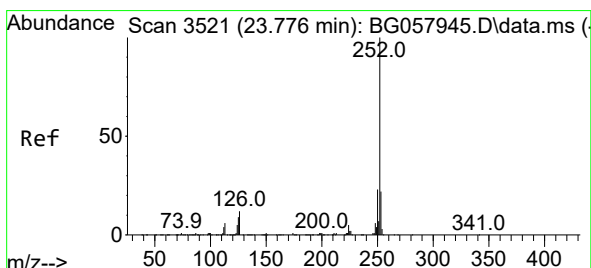
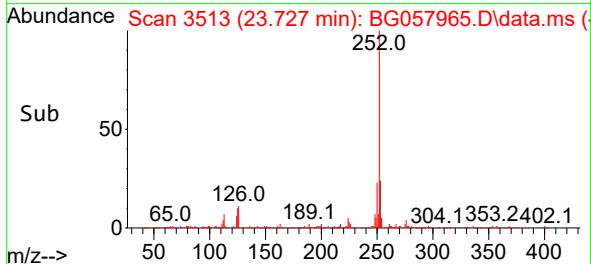
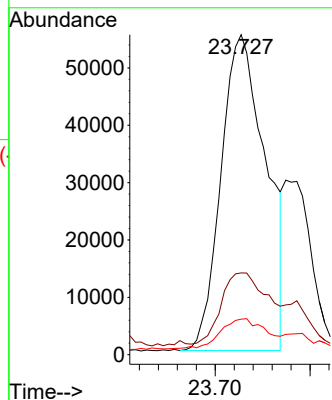
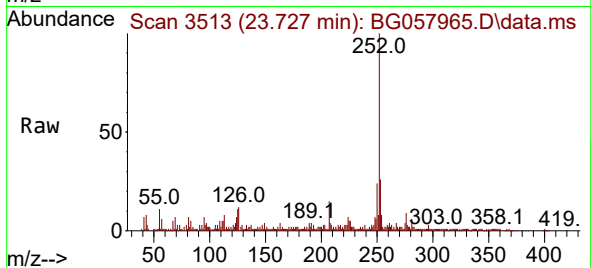
Tgt Ion:252 Resp: 180586

Ion Ratio Lower Upper

252 100

253 25.5 18.1 27.1

125 11.1 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 9.812 ng/ul

RT: 23.727 min Scan# 3513

Delta R.T. -0.048 min

Lab File: BG057965.D

Acq: 3 Jul 2023 21:55

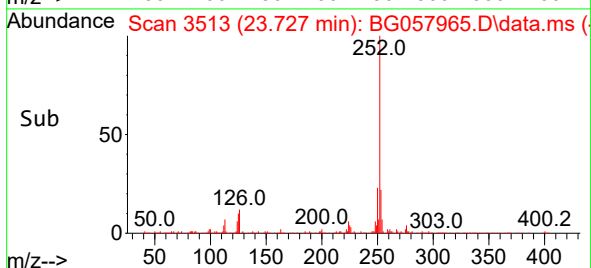
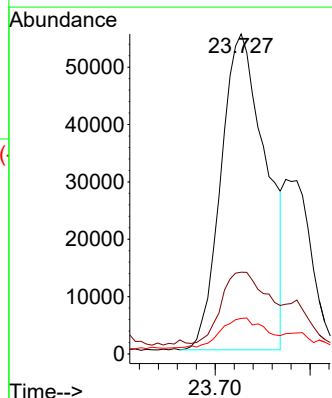
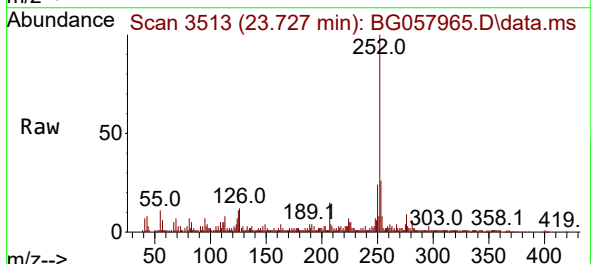
Tgt Ion:252 Resp: 180586

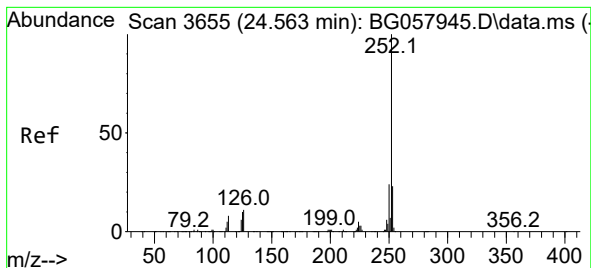
Ion Ratio Lower Upper

252 100

253 25.5 17.7 26.5

125 11.1 7.4 11.2





#93

Benzo(a)pyrene

Concen: 6.661 ng/ul

RT: 24.579 min Scan# 3

Delta R.T. 0.010 min

Lab File: BG057965.D

Acq: 3 Jul 2023 21:55

Instrument :

BNA_P

ClientSampleId :

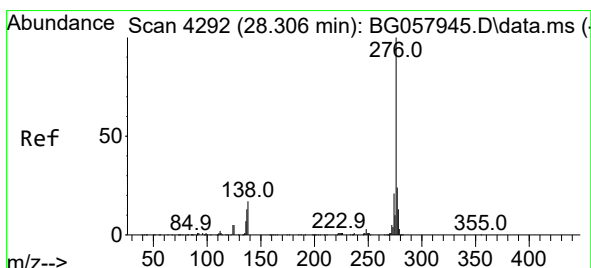
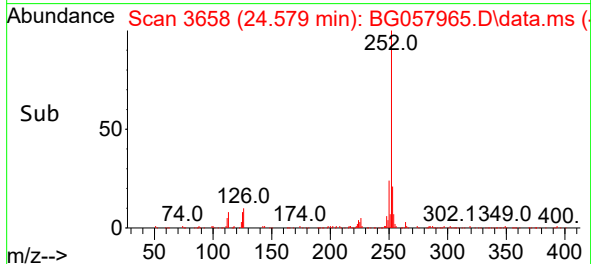
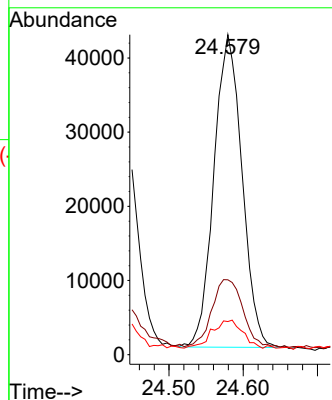
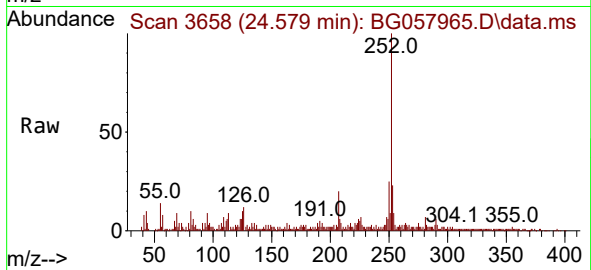
Tgt Ion:252 Resp: 110709

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

125 10.4 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.863 ng/ul

RT: 28.340 min Scan# 4298

Delta R.T. 0.034 min

Lab File: BG057965.D

Acq: 3 Jul 2023 21:55

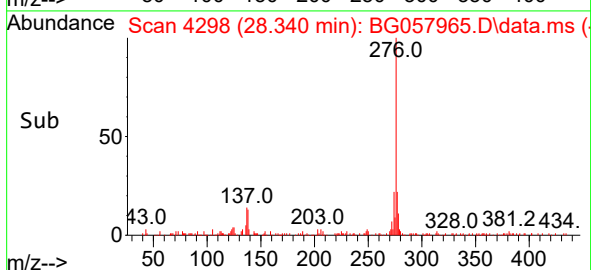
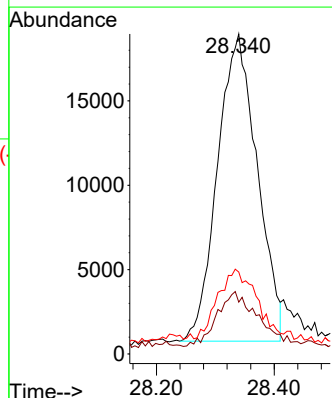
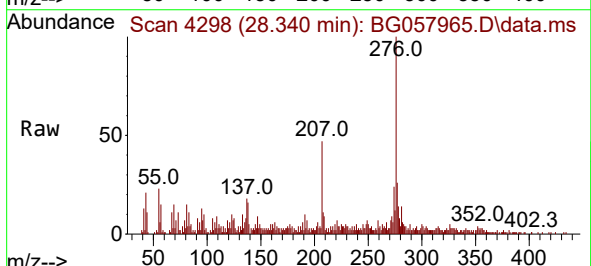
Tgt Ion:276 Resp: 85252

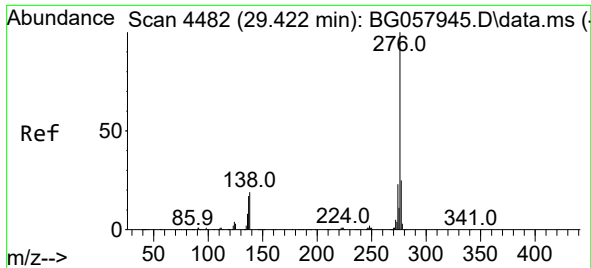
Ion Ratio Lower Upper

276 100

138 16.2 14.0 21.0

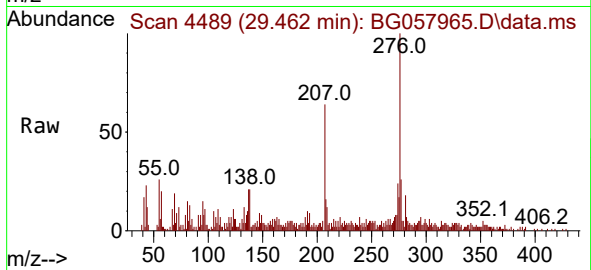
277 25.6 19.4 29.2





#96
 Benzo(g,h,i)perylene
 Concen: 4.221 ng/ul
 RT: 29.462 min Scan# 4489
 Delta R.T. 0.034 min
 Lab File: BG057965.D
 Acq: 3 Jul 2023 21:55

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 76085
 Ion Ratio Lower Upper
 276 100
 138 21.3 14.2 21.2#
 277 25.6 18.6 27.8

