

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057980.D
 Acq On : 4 Jul 2023 9:08
 Operator : CG/JU
 Sample : 03247-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL7

Quant Time: Jul 05 00:11:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

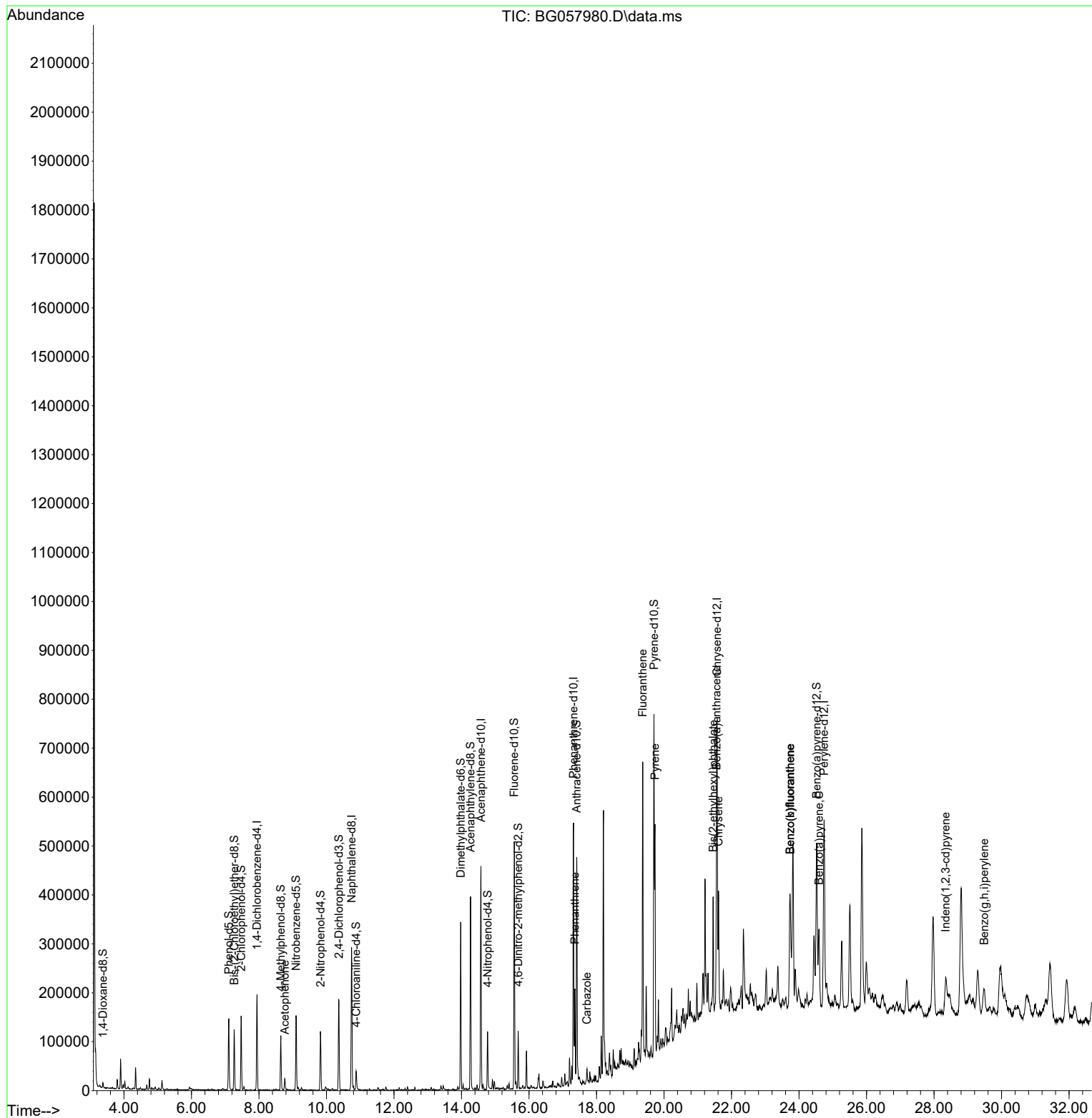
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	54765	20.000	ng/ul	0.00
20) Naphthalene-d8	10.742	136	250542	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.573	164	167196	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.317	188	356687	20.000	ng/ul	0.00
79) Chrysene-d12	21.571	240	291011	20.000	ng/ul	0.00
88) Perylene-d12	24.744	264	355834	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	4132	2.642	ng/uL	0.00
4) Pyridine-d5	3.792	84	4033	0.849	ng/ul	0.00
7) Phenol-d5	7.105	99	91116	16.291	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	59203	17.565	ng/ul	0.00
11) 2-Chlorophenol-d4	7.470	132	70814	18.358	ng/ul	0.00
15) 4-Methylphenol-d8	8.645	113	41271	9.780	ng/ul	0.00
21) Nitrobenzene-d5	9.097	128	37694	18.459	ng/ul	0.00
24) 2-Nitrophenol-d4	9.820	143	40730	18.978	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	74199	18.022	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	21329	3.417	ng/ul	0.00
46) Dimethylphthalate-d6	13.974	166	232866	17.652	ng/ul	0.00
49) Acenaphthylene-d8	14.268	160	269389	18.713	ng/ul	0.00
54) 4-Nitrophenol-d4	14.773	143	31272	13.417	ng/ul	0.00
60) Fluorene-d10	15.560	176	205892	18.378	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.678	200	24947	12.880	ng/ul	0.00
73) Anthracene-d10	17.411	188	293445	17.730	ng/ul	0.00
81) Pyrene-d10	19.702	212	366916	20.019	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.520	264	363128	20.030	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.762	105	15963	2.280	ng/ul	94
72) Phenanthrene	17.358	178	121928	6.720	ng/ul	100
77) Carbazole	17.717	167	18809	1.133	ng/ul	97
80) Fluoranthene	19.368	202	336018	15.822	ng/ul	99
82) Pyrene	19.732	202	280455	13.119	ng/ul	99
85) Benzo(a)anthracene	21.553	228	161728	7.740	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.453	149	91430	7.360	ng/ul	97
87) Chrysene	21.612	228	184756	9.432	ng/ul	97
90) Benzo(b)fluoranthene	23.739	252	293658	13.328	ng/ul	99
91) Benzo(k)fluoranthene	23.739	252	293658	13.598	ng/ul	98
93) Benzo(a)pyrene	24.591	252	179224	9.191	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.345	276	143617	5.546	ng/ul	99
96) Benzo(g,h,i)perylene	29.485	276	134342	6.352	ng/ul	96

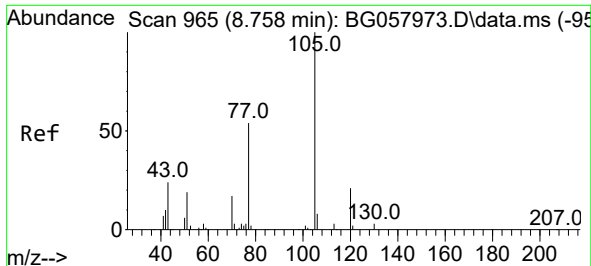
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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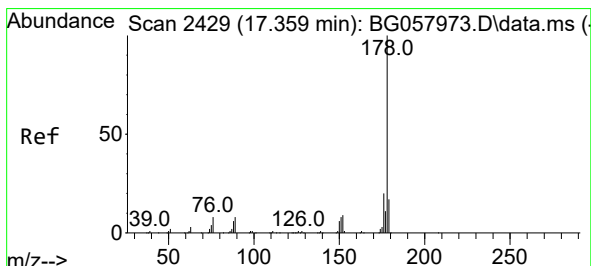
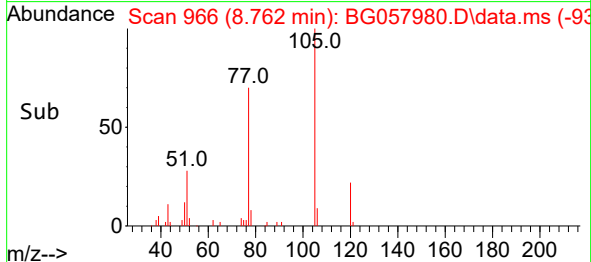
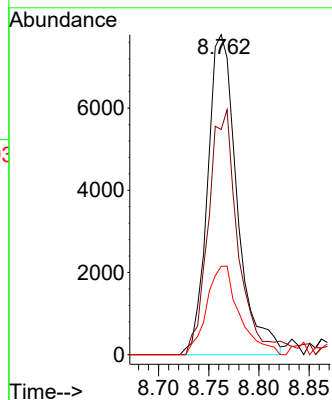
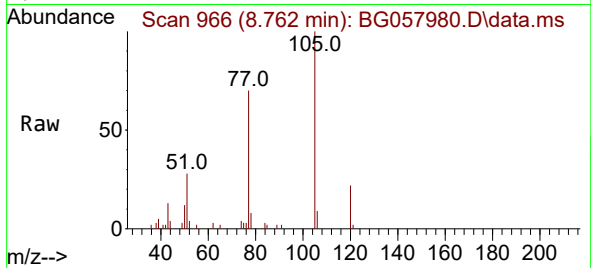




#16
Acetophenone
Concen: 2.280 ng/ul
RT: 8.762 min Scan# 966
Delta R.T. 0.005 min
Lab File: BG057980.D
Acq: 4 Jul 2023 9:08

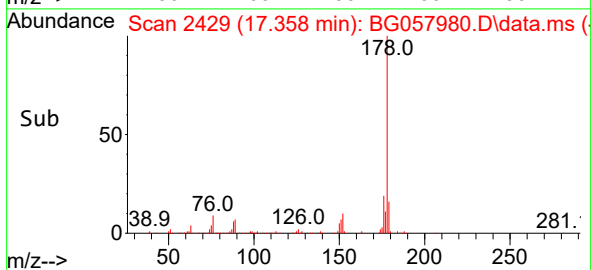
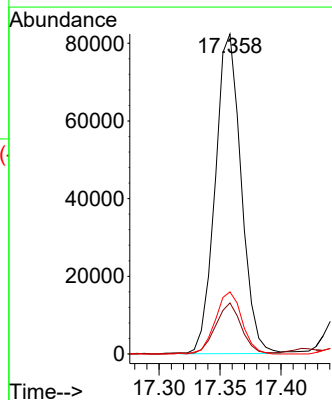
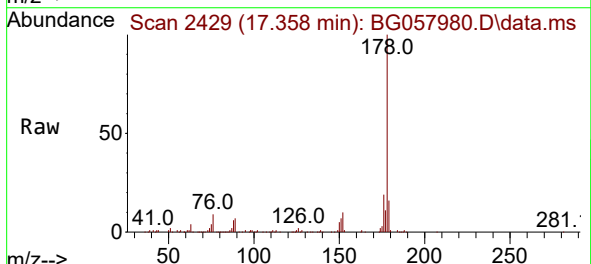
Instrument :
BNA_G
ClientSampleId :
DCGL7

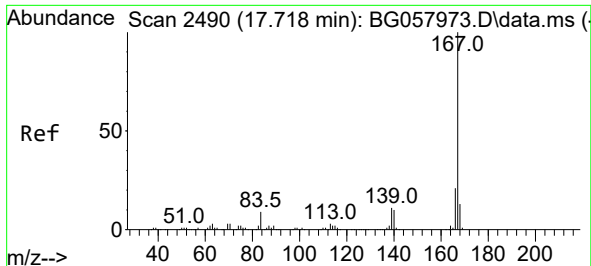
Tgt Ion:105 Resp: 15963
Ion Ratio Lower Upper
105 100
77 70.4 61.2 91.8
51 27.6 23.5 35.3



#72
Phenanthrene
Concen: 6.720 ng/ul
RT: 17.358 min Scan# 2429
Delta R.T. -0.001 min
Lab File: BG057980.D
Acq: 4 Jul 2023 9:08

Tgt Ion:178 Resp: 121928
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.4 15.7 23.5

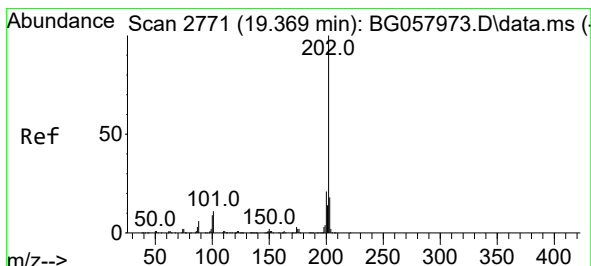
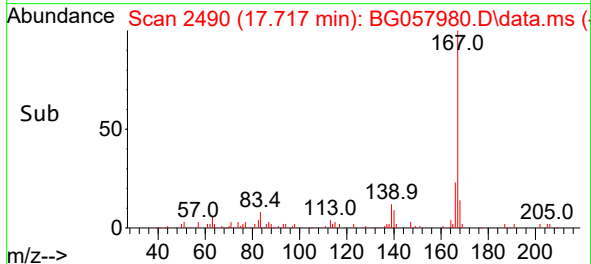
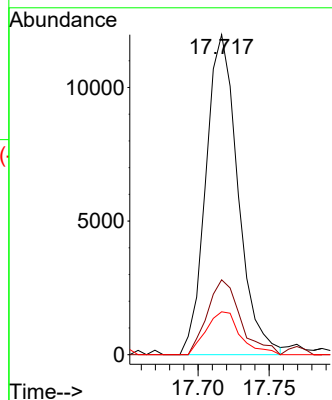
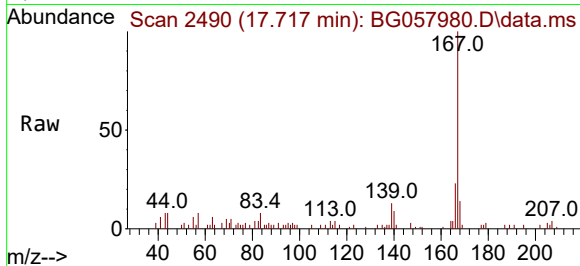




#77
 Carbazole
 Concen: 1.133 ng/ul
 RT: 17.717 min Scan# 2490
 Delta R.T. -0.001 min
 Lab File: BG057980.D
 Acq: 4 Jul 2023 9:08

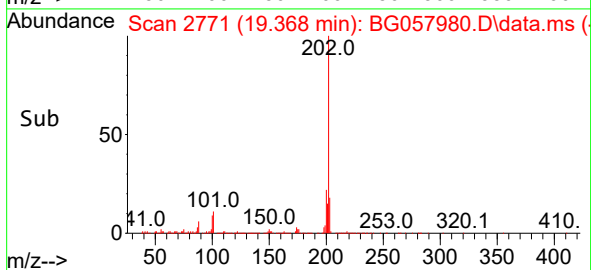
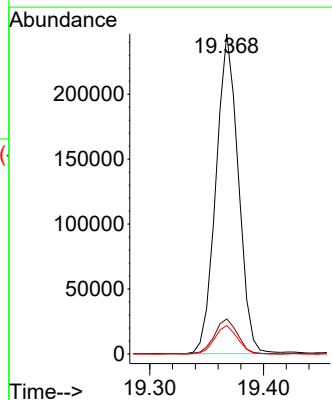
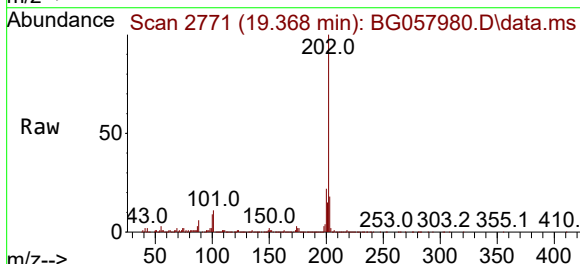
Instrument :
 BNA_G
 ClientSampleId :
 DCGL7

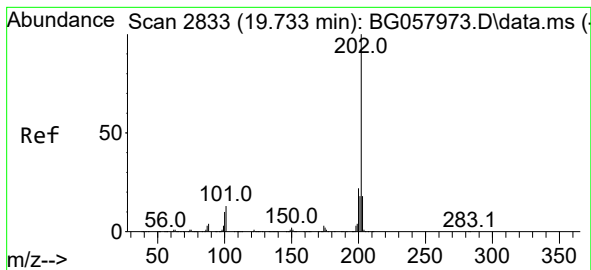
Tgt Ion:167 Resp: 18809
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.5 26.3
 139 13.4 9.5 14.3



#80
 Fluoranthene
 Concen: 15.822 ng/ul
 RT: 19.368 min Scan# 2771
 Delta R.T. -0.001 min
 Lab File: BG057980.D
 Acq: 4 Jul 2023 9:08

Tgt Ion:202 Resp: 336018
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.1 13.7
 100 8.9 7.1 10.7





#82

Pyrene

Concen: 13.119 ng/ul

RT: 19.732 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057980.D

Acq: 4 Jul 2023 9:08

Instrument :

BNA_G

ClientSampleId :

DCGL7

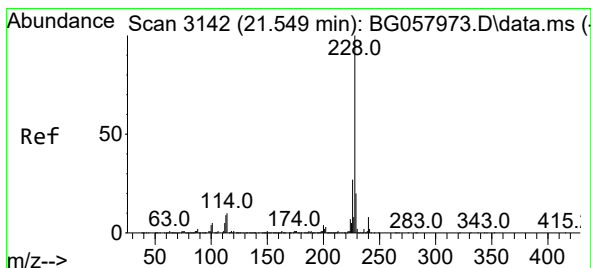
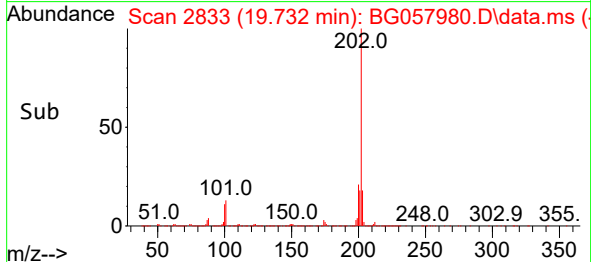
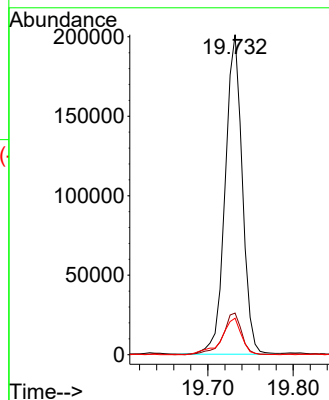
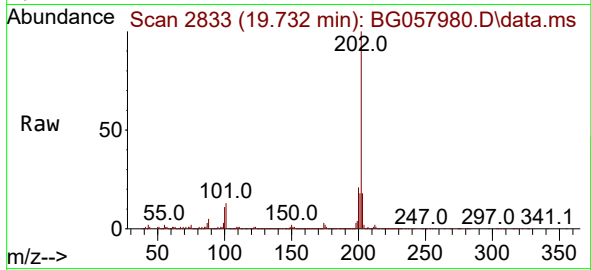
Tgt Ion:202 Resp: 280455

Ion Ratio Lower Upper

202 100

101 13.0 10.2 15.2

100 11.4 8.9 13.3



#85

Benzo(a)anthracene

Concen: 7.740 ng/ul

RT: 21.553 min Scan# 3143

Delta R.T. 0.005 min

Lab File: BG057980.D

Acq: 4 Jul 2023 9:08

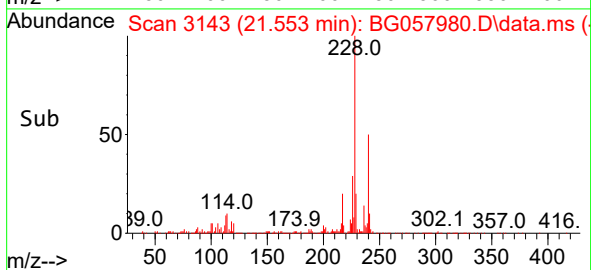
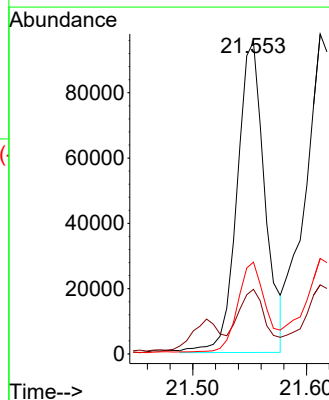
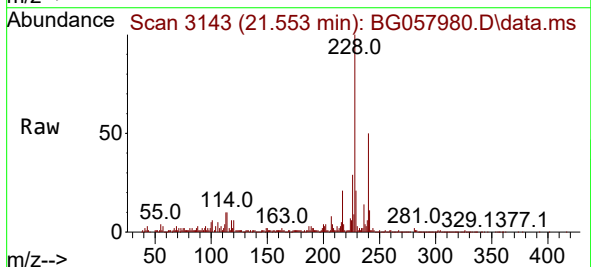
Tgt Ion:228 Resp: 161728

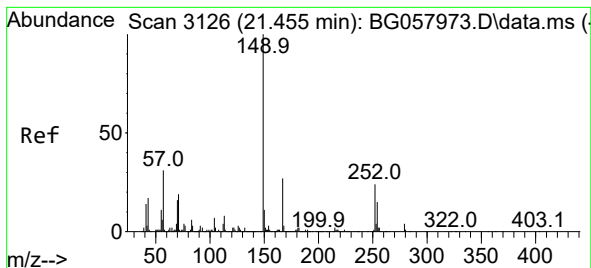
Ion Ratio Lower Upper

228 100

229 20.7 16.0 24.0

226 29.5 22.0 33.0

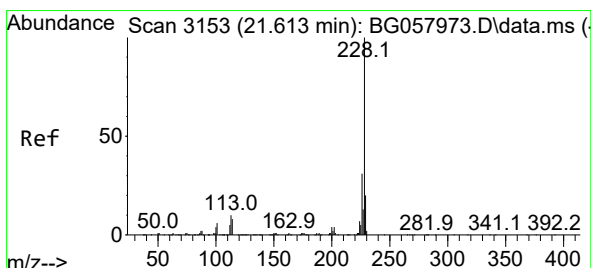
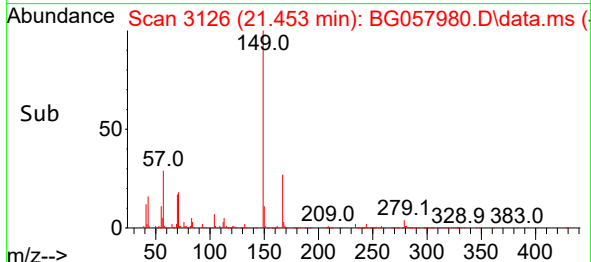
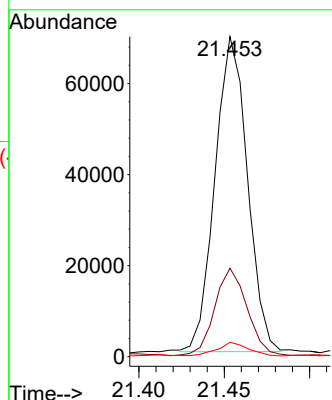
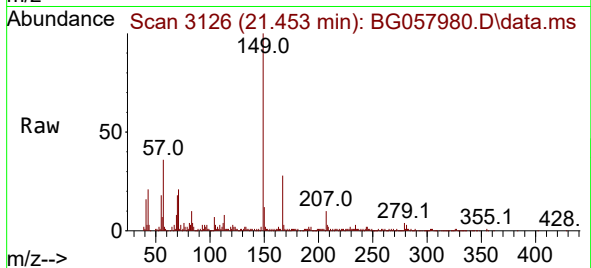




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 7.360 ng/ul
 RT: 21.453 min Scan# 3126
 Delta R.T. -0.001 min
 Lab File: BG057980.D
 Acq: 4 Jul 2023 9:08

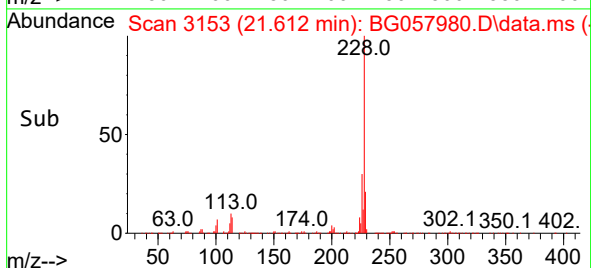
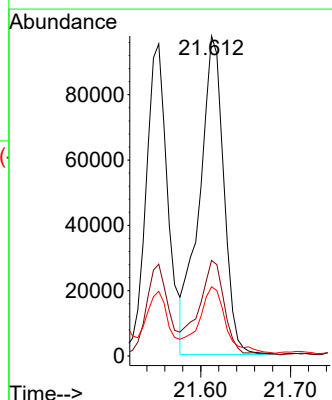
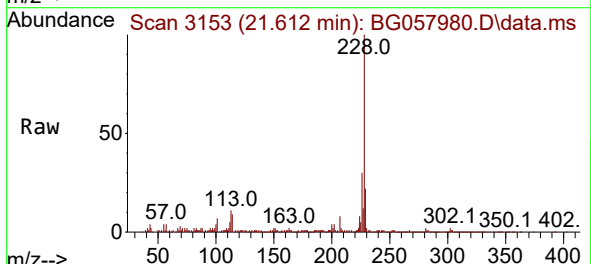
Instrument :
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 ClientSampleId :
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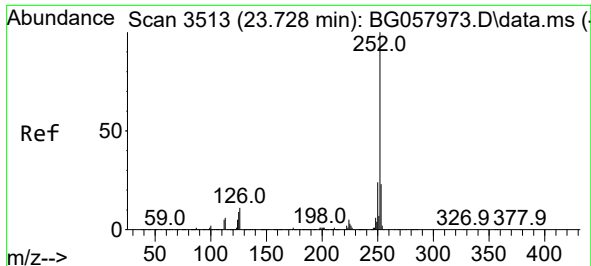
Tgt Ion:149 Resp: 91430
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.9 31.3
 279 4.5 3.1 4.7



#87
 Chrysene
 Concen: 9.432 ng/ul
 RT: 21.612 min Scan# 3153
 Delta R.T. -0.001 min
 Lab File: BG057980.D
 Acq: 4 Jul 2023 9:08

Tgt Ion:228 Resp: 184756
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.4 36.6
 229 21.6 15.5 23.3

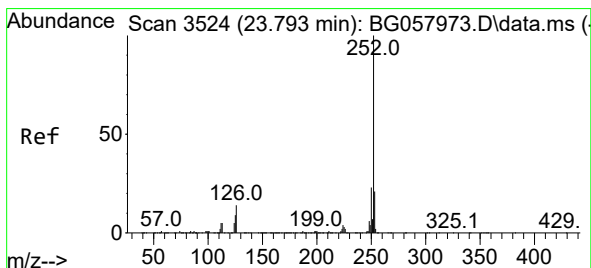
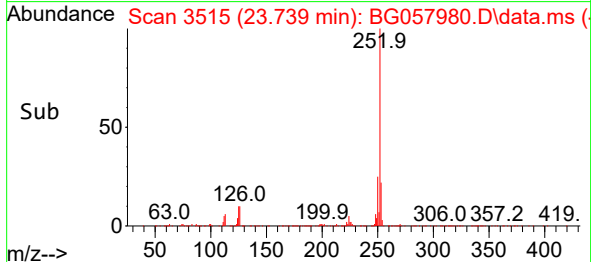
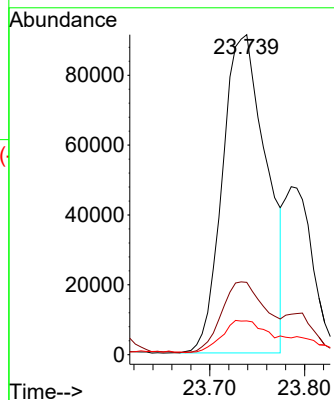
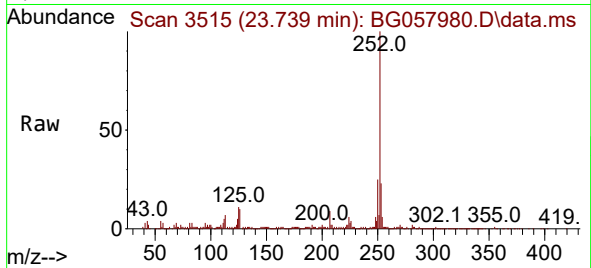




#90
Benzo(b)fluoranthene
Concen: 13.328 ng/ul
RT: 23.739 min Scan# 3515
Delta R.T. 0.011 min
Lab File: BG057980.D
Acq: 4 Jul 2023 9:08

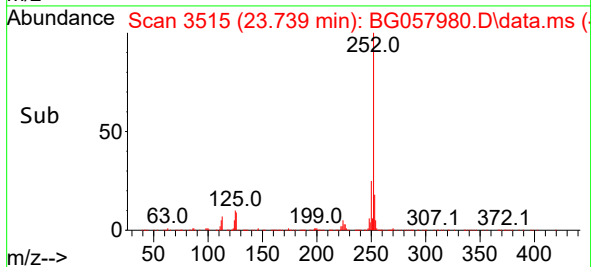
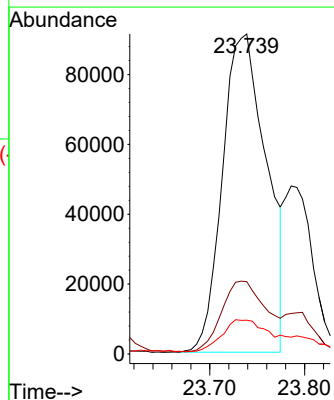
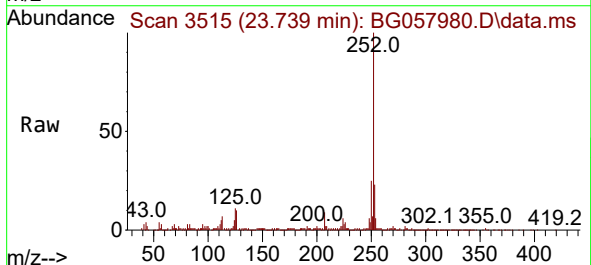
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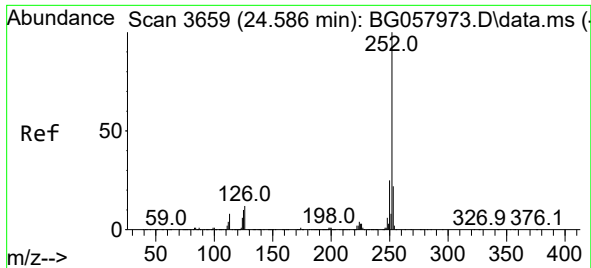
Tgt Ion:252 Resp: 293658
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.6 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 13.598 ng/ul
RT: 23.739 min Scan# 3515
Delta R.T. -0.054 min
Lab File: BG057980.D
Acq: 4 Jul 2023 9:08

Tgt Ion:252 Resp: 293658
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 10.6 7.4 11.2

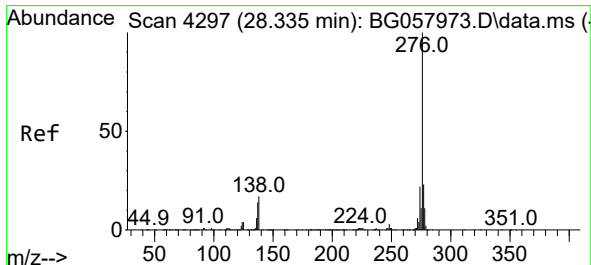
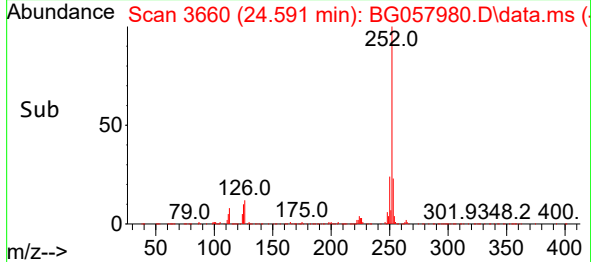
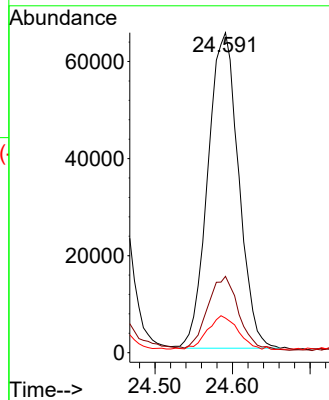
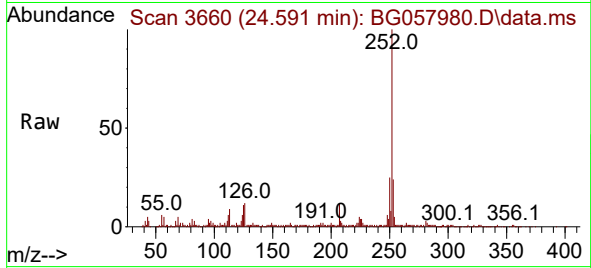




#93
Benzo(a)pyrene
Concen: 9.191 ng/ul
RT: 24.591 min Scan# 3660
Delta R.T. 0.005 min
Lab File: BG057980.D
Acq: 4 Jul 2023 9:08

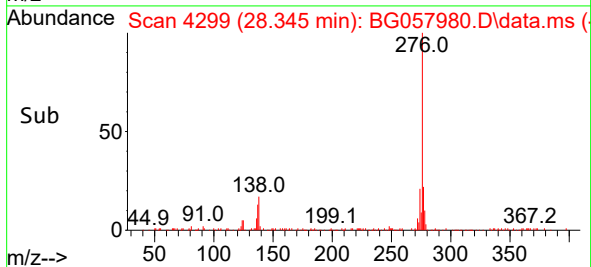
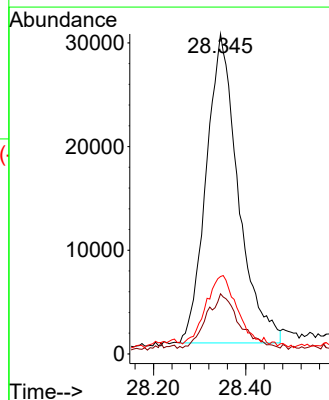
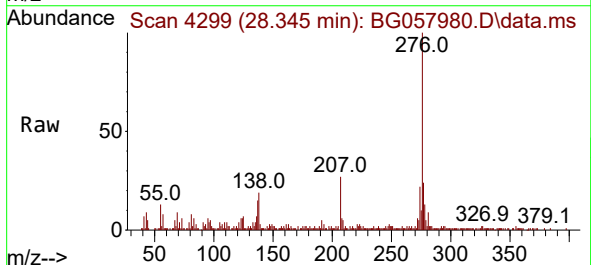
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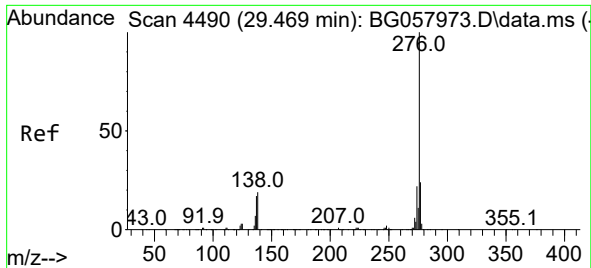
Tgt Ion:252 Resp: 179224
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 10.8 8.3 12.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.546 ng/ul
RT: 28.345 min Scan# 4299
Delta R.T. 0.011 min
Lab File: BG057980.D
Acq: 4 Jul 2023 9:08

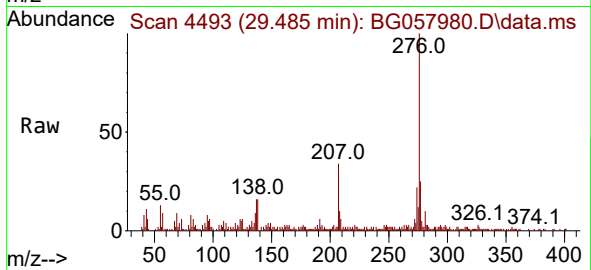
Tgt Ion:276 Resp: 143617
Ion Ratio Lower Upper
276 100
138 18.8 14.0 21.0
277 24.2 19.4 29.2





#96
 Benzo(g,h,i)perylene
 Concen: 6.352 ng/ul
 RT: 29.485 min Scan# 44
 Delta R.T. 0.017 min
 Lab File: BG057980.D
 Acq: 4 Jul 2023 9:08

Instrument :
 BNA_G
 ClientSampleId :
 DCGL7



Tgt Ion: 276 Resp: 134342

Ion	Ratio	Lower	Upper
276	100		
138	16.4	14.2	21.2
277	25.2	18.6	27.8

