

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057966.D
 Acq On : 3 Jul 2023 22:38
 Operator : CG/JU
 Sample : 03247-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL5

Quant Time: Jul 04 00:56:49 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

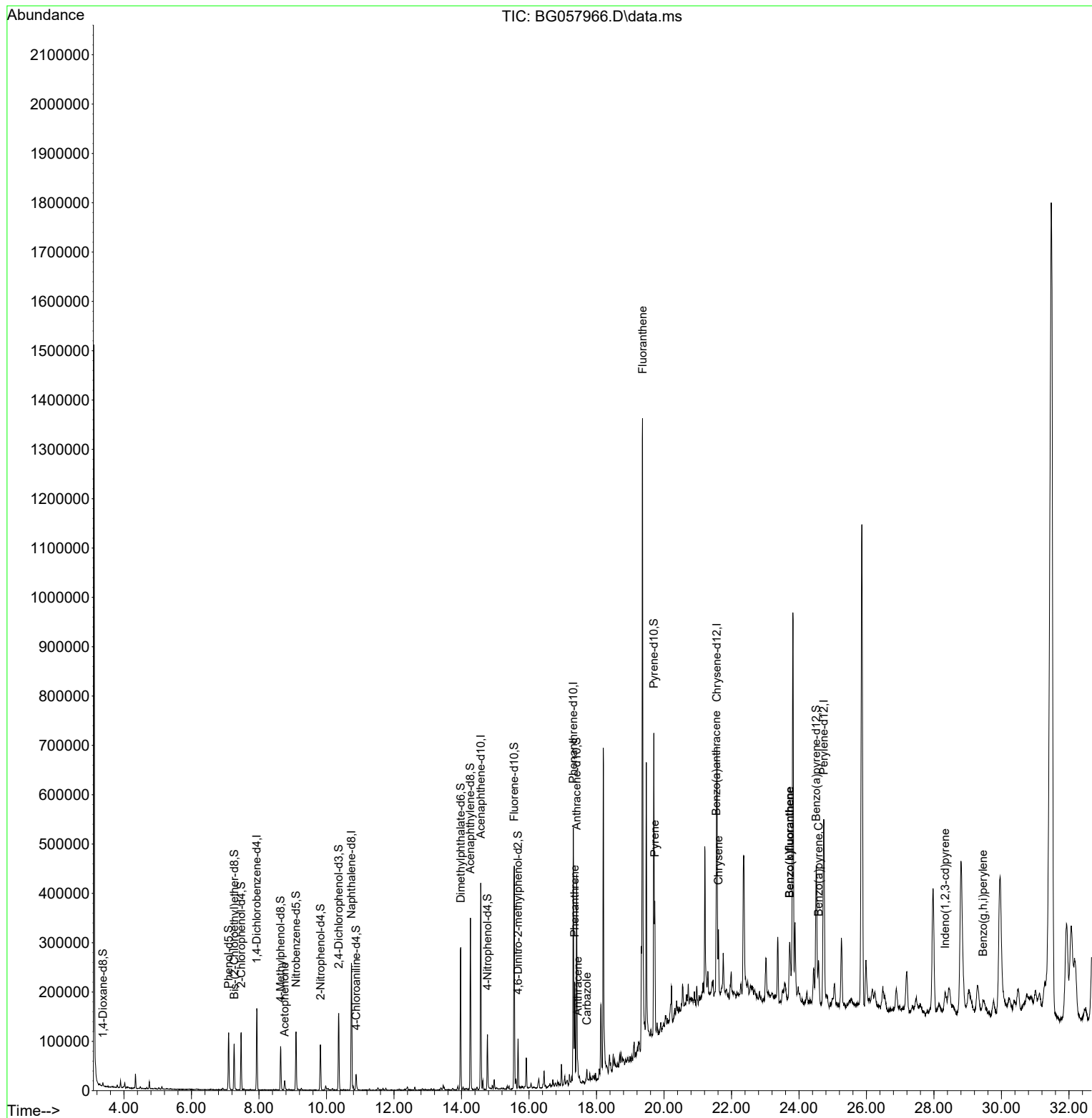
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	46726	20.000	ng/ul	0.00
20) Naphthalene-d8	10.739	136	221332	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	151788	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.313	188	329259	20.000	ng/ul	0.00
79) Chrysene-d12	21.567	240	268672	20.000	ng/ul	0.00
88) Perylene-d12	24.734	264	329715	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	2907	2.179	ng/uL	0.01
4) Pyridine-d5	3.770	84	252	0.062	ng/ul	0.00
7) Phenol-d5	7.102	99	71446	14.972	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.266	67	46102	16.032	ng/ul	0.00
11) 2-Chlorophenol-d4	7.472	132	54272	16.490	ng/ul	0.00
15) 4-Methylphenol-d8	8.641	113	33740	9.371	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	28777	15.952	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	32072	16.916	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	60742	16.701	ng/ul	0.00
31) 4-Chloroaniline-d4	10.880	131	16855	3.057	ng/ul	0.01
46) Dimethylphthalate-d6	13.976	166	206768	17.265	ng/ul	0.00
49) Acenaphthylene-d8	14.264	160	236976	18.133	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	29523	13.953	ng/ul	0.00
60) Fluorene-d10	15.562	176	184103	18.101	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	22588	12.634	ng/ul	0.00
73) Anthracene-d10	17.413	188	249979	16.362	ng/ul	0.00
81) Pyrene-d10	19.699	212	315046	18.619	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.511	264	309605	18.431	ng/ul	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.759	105	12311	2.061	ng/ul	92
72) Phenanthrene	17.354	178	122413	7.309	ng/ul	100
74) Anthracene	17.442	178	22810	1.346	ng/ul	96
77) Carbazole	17.713	167	17522	1.143	ng/ul	97
80) Fluoranthene	19.364	202	196016	9.997	ng/ul#	91
82) Pyrene	19.728	202	164075	8.313	ng/ul	99
85) Benzo(a)anthracene	21.549	228	100713	5.221	ng/ul	99
87) Chrysene	21.614	228	99672	5.512	ng/ul	97
90) Benzo(b)fluoranthene	23.723	252	153130	7.501	ng/ul	97
91) Benzo(k)fluoranthene	23.723	252	153130	7.653	ng/ul#	96
93) Benzo(a)pyrene	24.575	252	94697	5.241	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.330	276	75653	3.153	ng/ul	99
96) Benzo(g,h,i)perylene	29.452	276	35463	1.809	ng/ul	99

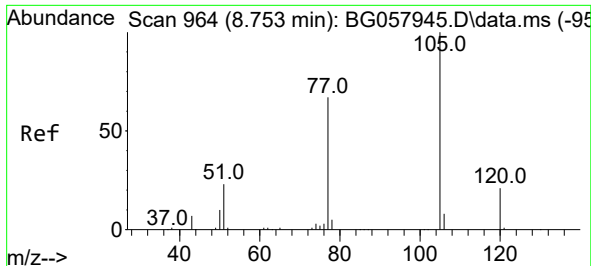
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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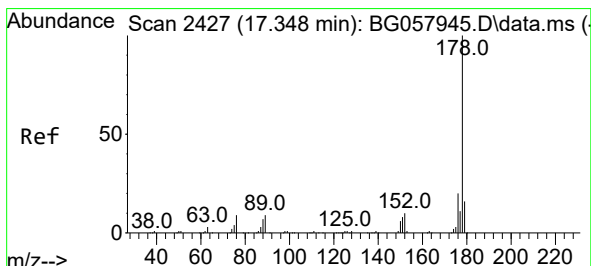
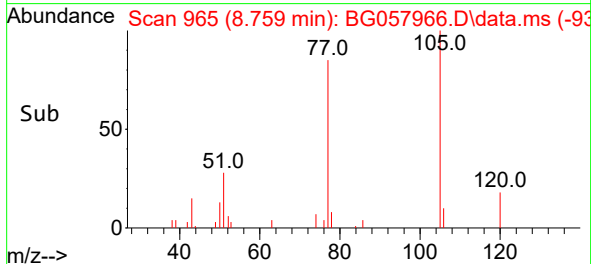
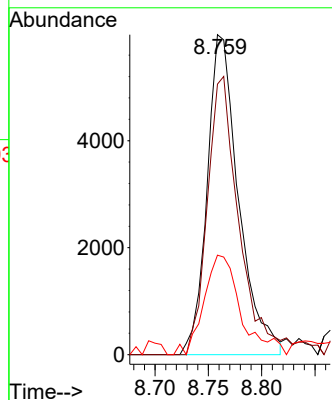
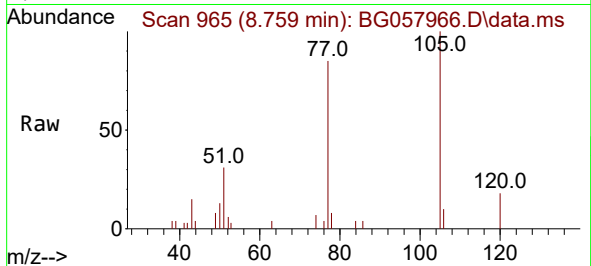




#16
Acetophenone
Concen: 2.061 ng/ul
RT: 8.759 min Scan# 90
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

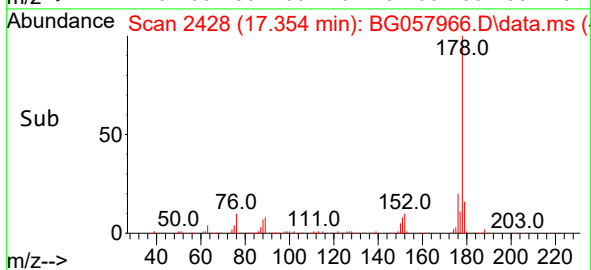
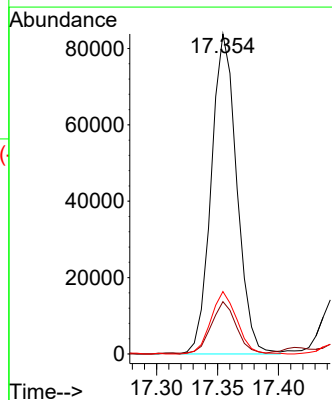
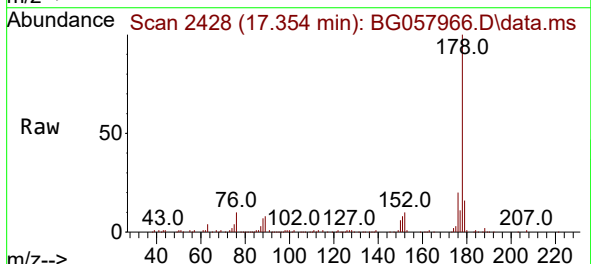
Instrument :
BNA_G
ClientSampleId :
DCGL5

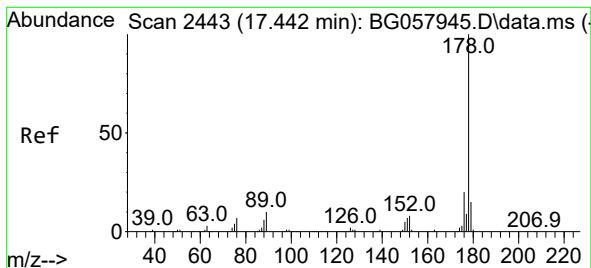
Tgt Ion:105 Resp: 12311
Ion Ratio Lower Upper
105 100
77 84.5 61.2 91.8
51 31.1 23.5 35.3



#72
Phenanthrene
Concen: 7.309 ng/ul
RT: 17.354 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Tgt Ion:178 Resp: 122413
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.5 15.7 23.5





#74

Anthracene

Concen: 1.346 ng/ul

RT: 17.442 min Scan# 2443

Delta R.T. 0.001 min

Lab File: BG057966.D

Acq: 3 Jul 2023 22:38

Instrument :

BNA_G

ClientSampleId :

DCGL5

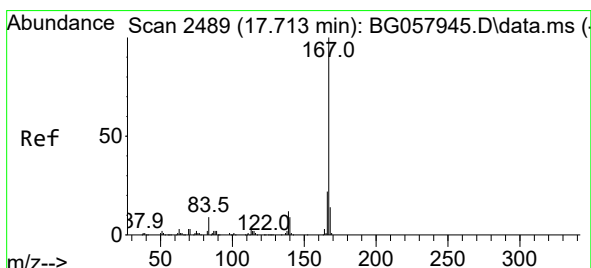
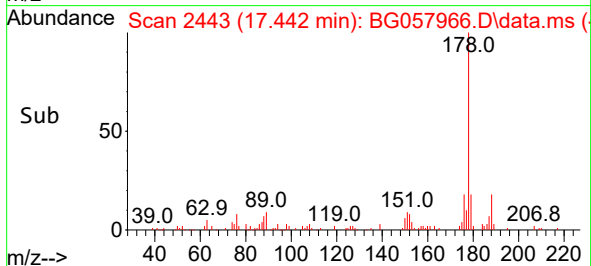
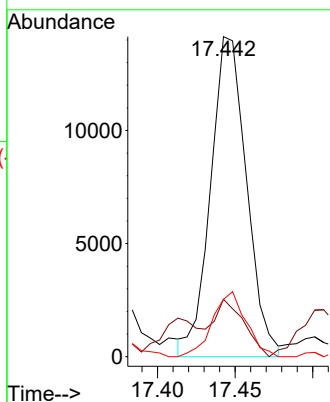
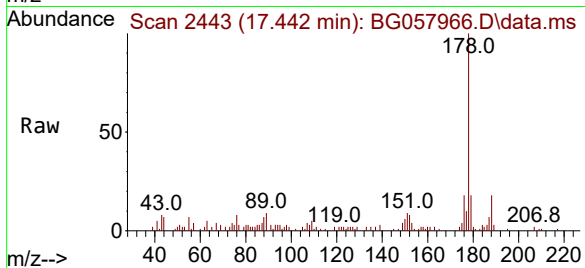
Tgt Ion:178 Resp: 22810

Ion Ratio Lower Upper

178 100

179 18.0 12.6 18.8

176 17.9 15.4 23.2



#77

Carbazole

Concen: 1.143 ng/ul

RT: 17.713 min Scan# 2489

Delta R.T. 0.001 min

Lab File: BG057966.D

Acq: 3 Jul 2023 22:38

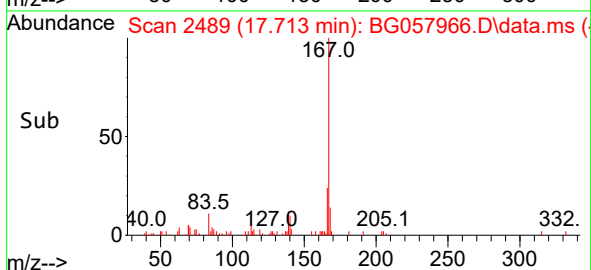
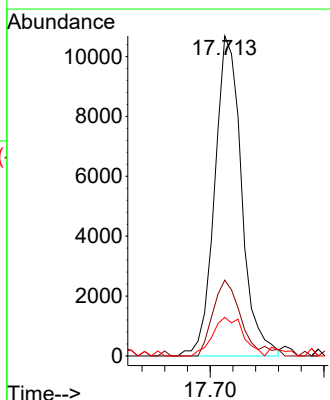
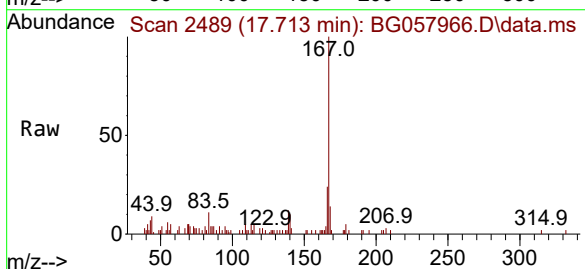
Tgt Ion:167 Resp: 17522

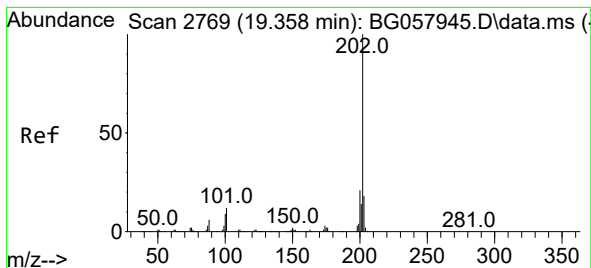
Ion Ratio Lower Upper

167 100

166 23.7 17.5 26.3

139 12.1 9.5 14.3





#80

Fluoranthene

Concen: 9.997 ng/ul

RT: 19.364 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG057966.D

Acq: 3 Jul 2023 22:38

Instrument :

BNA_G

ClientSampleId :

DCGL5

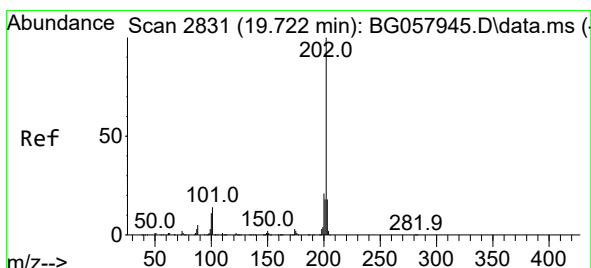
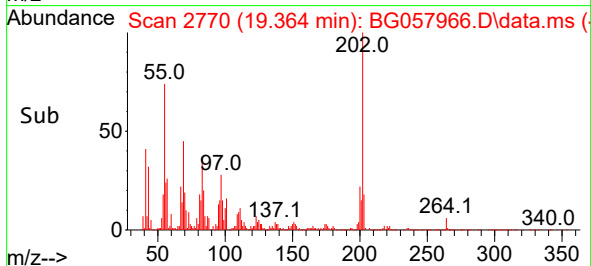
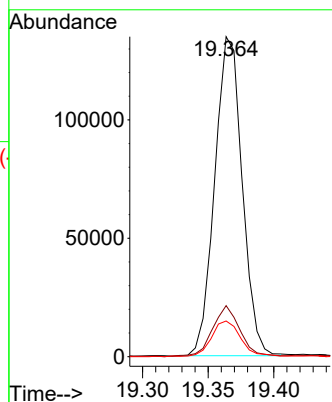
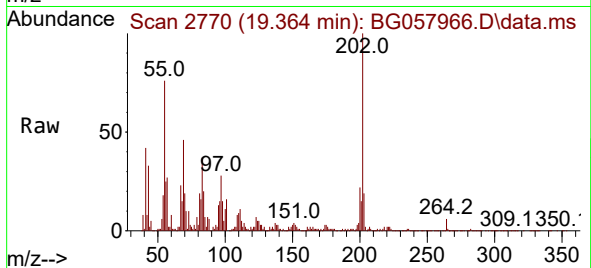
Tgt Ion:202 Resp: 196016

Ion Ratio Lower Upper

202 100

101 16.0 9.1 13.7#

100 11.1 7.1 10.7#



#82

Pyrene

Concen: 8.313 ng/ul

RT: 19.728 min Scan# 2832

Delta R.T. 0.006 min

Lab File: BG057966.D

Acq: 3 Jul 2023 22:38

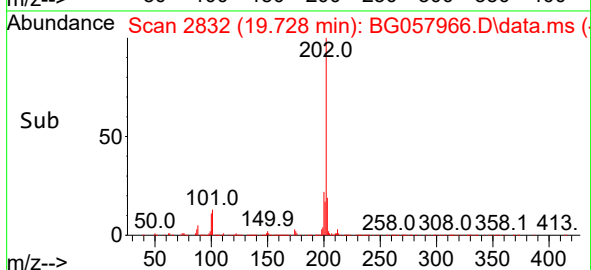
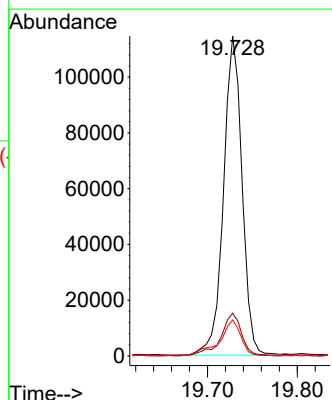
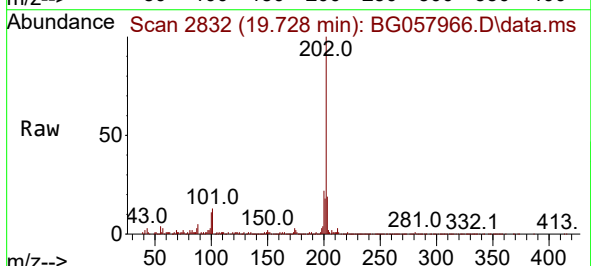
Tgt Ion:202 Resp: 164075

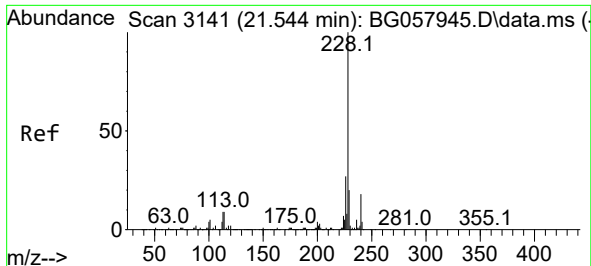
Ion Ratio Lower Upper

202 100

101 13.4 10.2 15.2

100 11.2 8.9 13.3

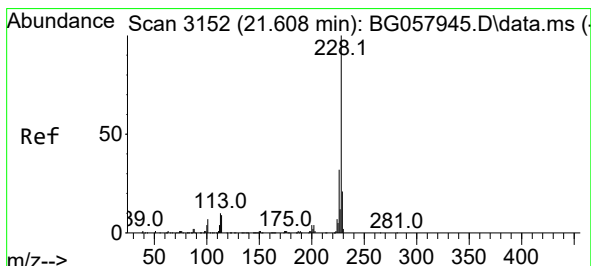
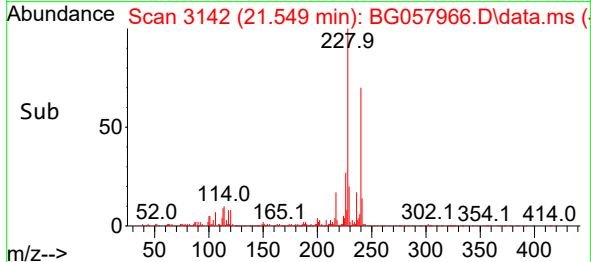
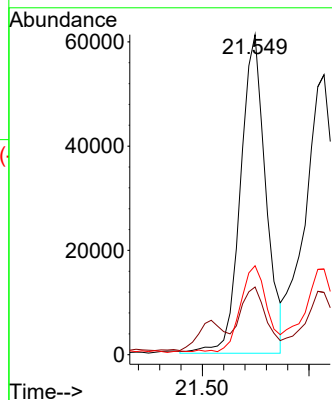
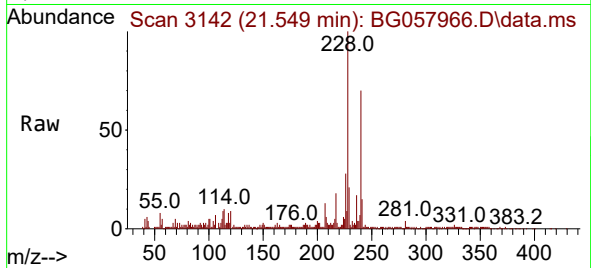




#85
Benzo(a)anthracene
Concen: 5.221 ng/uI
RT: 21.549 min Scan# 3141
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

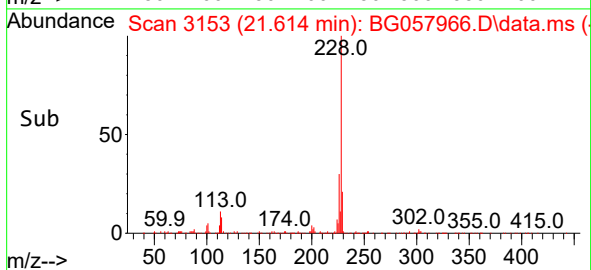
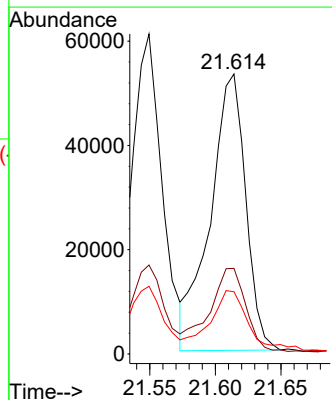
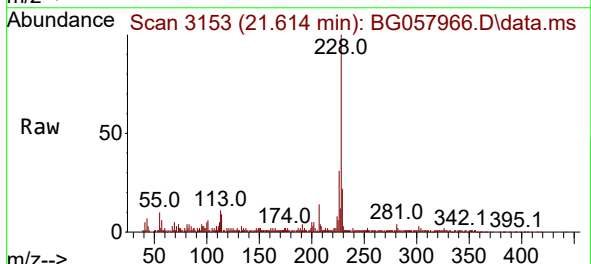
Instrument :
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ClientSampleId :
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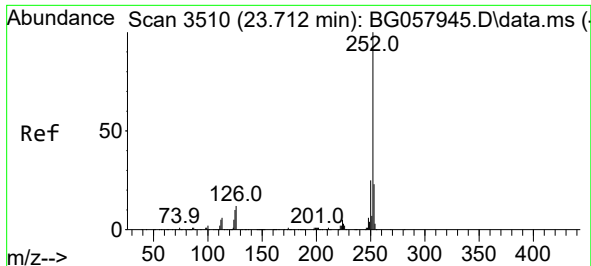
Tgt Ion:228 Resp: 100713
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 27.8 22.0 33.0



#87
Chrysene
Concen: 5.512 ng/uI
RT: 21.614 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Tgt Ion:228 Resp: 99672
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 22.2 15.5 23.3

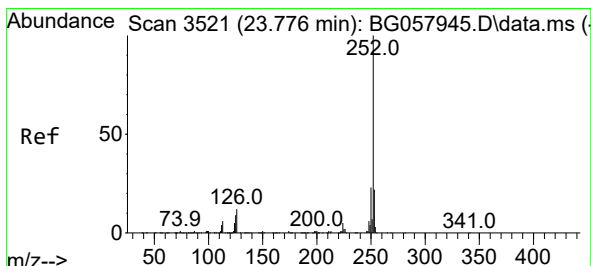
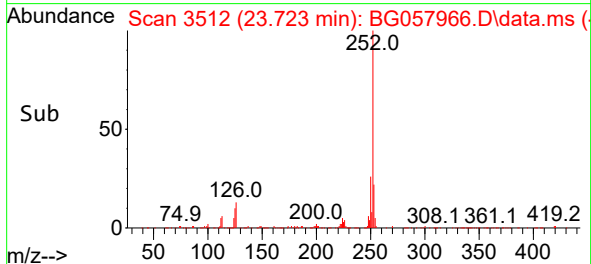
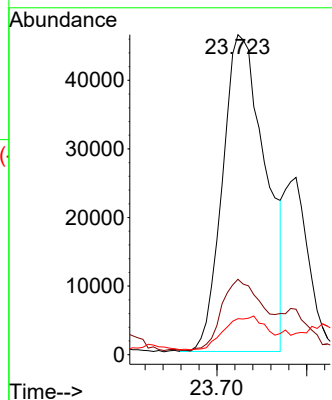
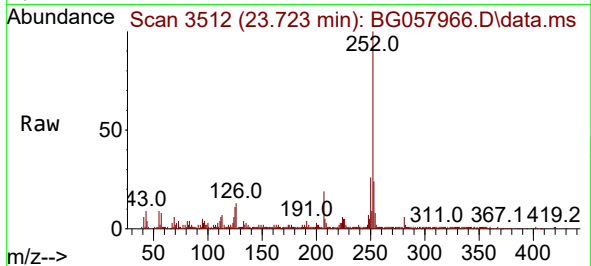




#90
Benzo(b)fluoranthene
Concen: 7.501 ng/ul
RT: 23.723 min Scan# 3512
Delta R.T. 0.012 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

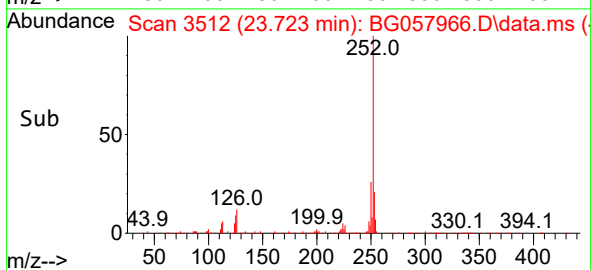
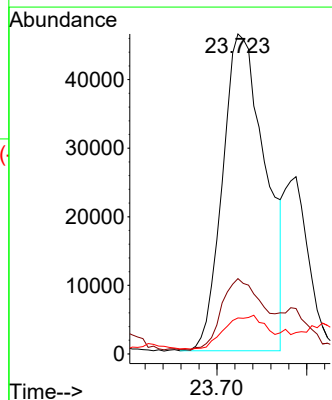
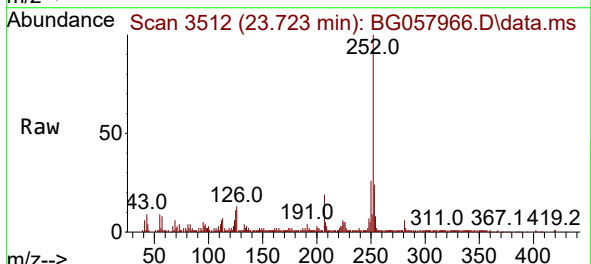
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DCGL5

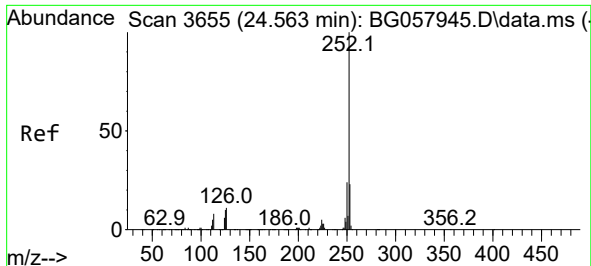
Tgt Ion:252 Resp: 153130
Ion Ratio Lower Upper
252 100
253 23.6 18.1 27.1
125 11.3 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 7.653 ng/ul
RT: 23.723 min Scan# 3512
Delta R.T. -0.052 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Tgt Ion:252 Resp: 153130
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 11.3 7.4 11.2#

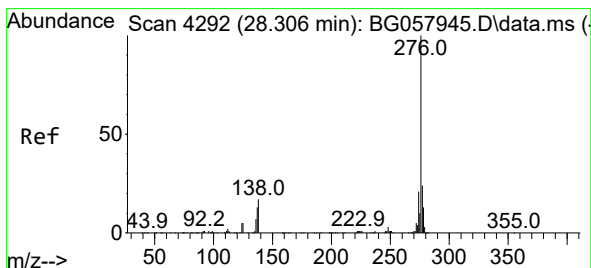
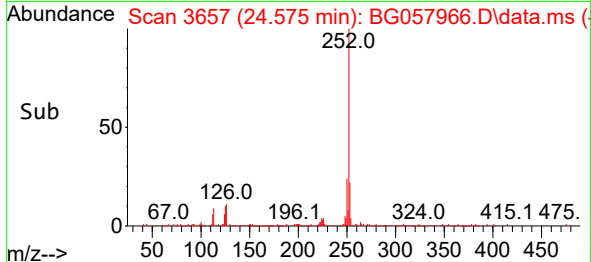
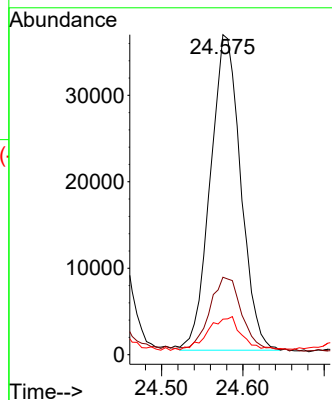
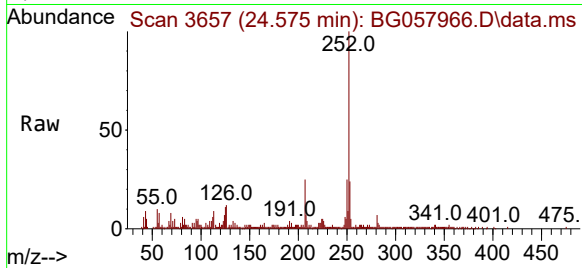




#93
Benzo(a)pyrene
Concen: 5.241 ng/ul
RT: 24.575 min Scan# 3657
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

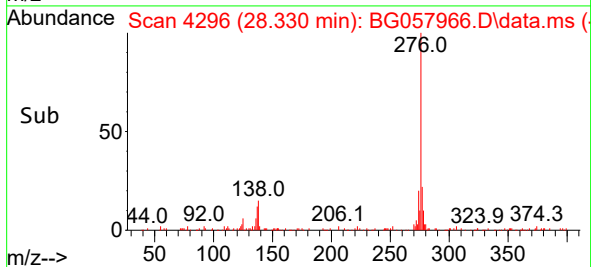
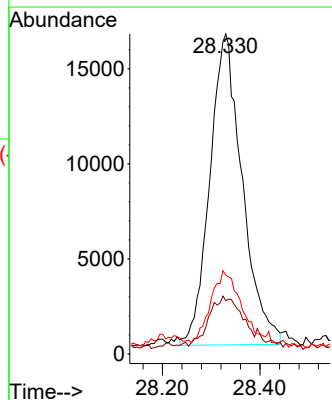
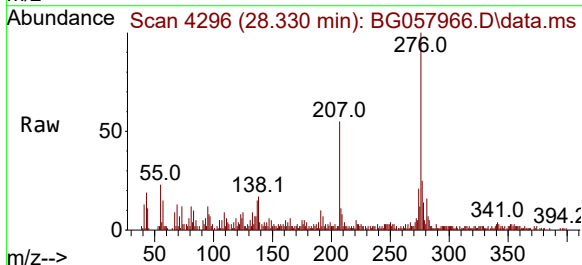
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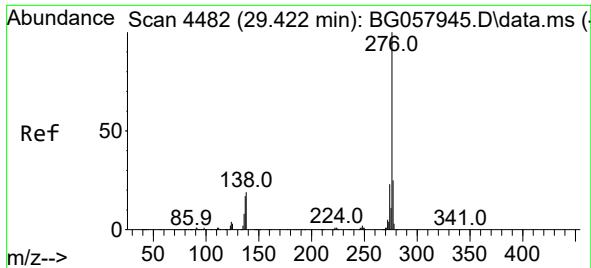
Tgt Ion:252 Resp: 94697
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.6
125 11.1 8.3 12.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.153 ng/ul
RT: 28.330 min Scan# 4296
Delta R.T. 0.024 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

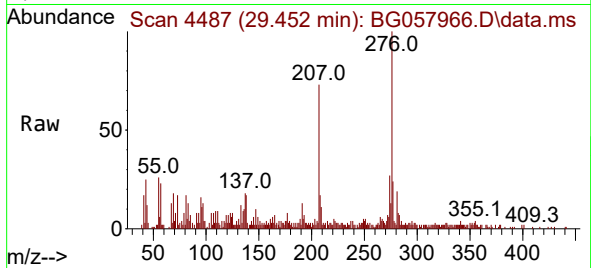
Tgt Ion:276 Resp: 75653
Ion Ratio Lower Upper
276 100
138 16.7 14.0 21.0
277 24.7 19.4 29.2





#96
Benzo(g,h,i)perylene
Concen: 1.809 ng/ul
RT: 29.452 min Scan# 44
Delta R.T. 0.024 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Instrument :
BNA_G
ClientSampleId :
DCGL5



Tgt Ion:276 Resp: 35463
Ion Ratio Lower Upper
276 100
138 17.4 14.2 21.2
277 23.9 18.6 27.8

