

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
 Data File : BG057951.D  
 Acq On : 3 Jul 2023 12:06  
 Operator : CG/JU  
 Sample : 03246-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGJ2

Quant Time: Jul 04 00:53:17 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

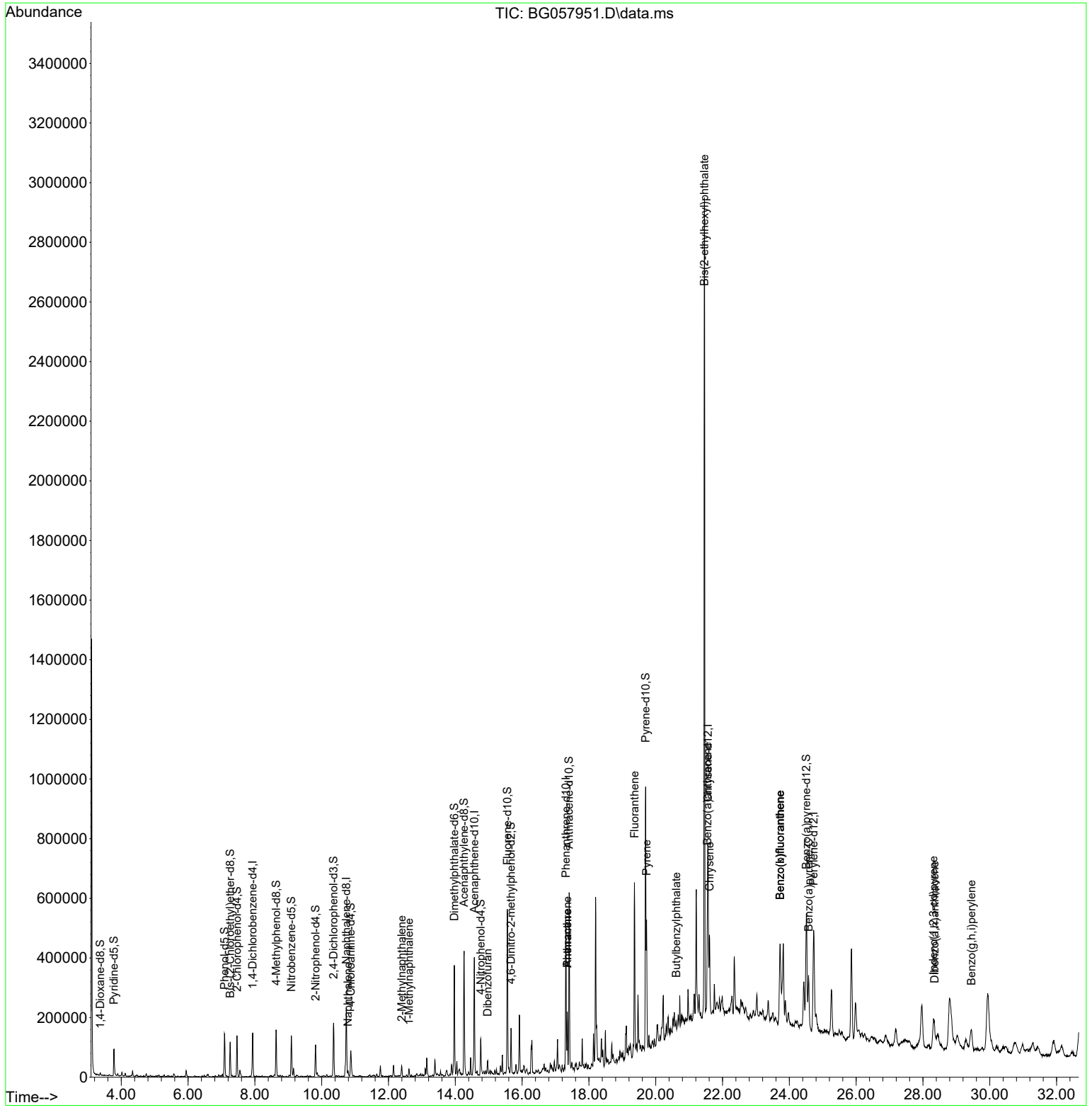
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	40566	20.000	ng/ul	0.00
20) Naphthalene-d8	10.737	136	193108	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.568	164	140890	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.312	188	329222	20.000	ng/ul	0.00
79) Chrysene-d12	21.566	240	269830	20.000	ng/ul	0.00
88) Perylene-d12	24.727	264	331625	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	4079	3.521	ng/uL	0.00
4) Pyridine-d5	3.781	84	52070	14.805	ng/ul	0.00
7) Phenol-d5	7.088	99	88169	21.282	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.259	67	55270	22.138	ng/ul	0.00
11) 2-Chlorophenol-d4	7.465	132	64797	22.678	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	60306	19.292	ng/ul	0.00
21) Nitrobenzene-d5	9.092	128	33897	21.537	ng/ul	0.00
24) 2-Nitrophenol-d4	9.815	143	35960	21.739	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.355	165	71588	22.560	ng/ul	0.00
31) 4-Chloroaniline-d4	10.872	131	51392	10.682	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	256490	23.073	ng/ul	0.00
49) Acenaphthylene-d8	14.262	160	294737	24.297	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	33350	16.981	ng/ul	0.00
60) Fluorene-d10	15.555	176	231380	24.509	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	34029	19.035	ng/ul	0.00
73) Anthracene-d10	17.406	188	367174	24.035	ng/ul	0.00
81) Pyrene-d10	19.697	212	432045	25.423	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.509	264	430342	25.471	ng/ul	0.01
Target Compounds						
30) Naphthalene	10.784	128	16926	1.560	ng/ul	98
36) 2-Methylnaphthalene	12.394	142	18446	2.521	ng/ul	92
37) 1-Methylnaphthalene	12.611	142	12554	1.711	ng/ul	97
56) Dibenzofuran	14.967	168	12956	1.014	ng/ul	91
72) Phenanthrene	17.353	178	121541	7.258	ng/ul	99
74) Anthracene	17.353	178	121935	7.195	ng/ul	99
80) Fluoranthene	19.362	202	312290	15.859	ng/ul	99
82) Pyrene	19.727	202	263256	13.281	ng/ul	98
83) Butylbenzylphthalate	20.614	149	8153	1.014	ng/ul#	92
85) Benzo(a)anthracene	21.548	228	183935	9.494	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.460	149	1156494	100.404	ng/ul	95
87) Chrysene	21.607	228	210160	11.571	ng/ul	93
90) Benzo(b)fluoranthene	23.722	252	318675	15.520	ng/ul	98
91) Benzo(k)fluoranthene	23.722	252	318675	15.834	ng/ul#	98
93) Benzo(a)pyrene	24.574	252	189959	10.452	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.317	276	159787	6.621	ng/ul	100
95) Dibenzo(a,h)anthracene	28.352	278	21985	1.105	ng/ul#	87
96) Benzo(g,h,i)perylene	29.451	276	143557	7.283	ng/ul	100

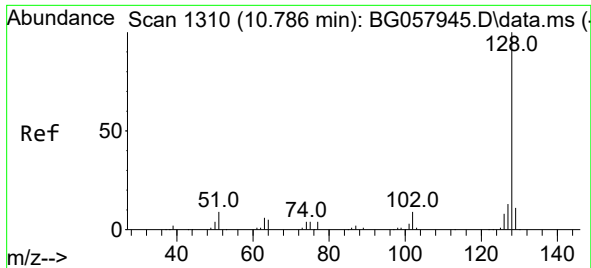
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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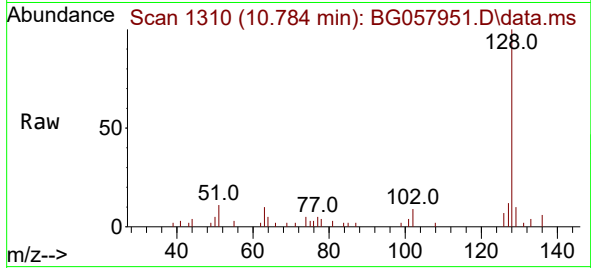
Quant Time: Jul 04 00:53:17 2023  
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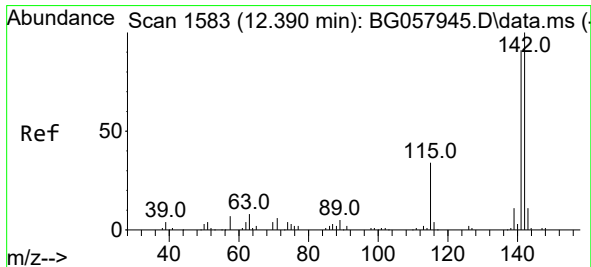
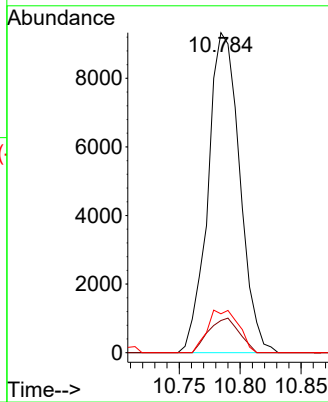
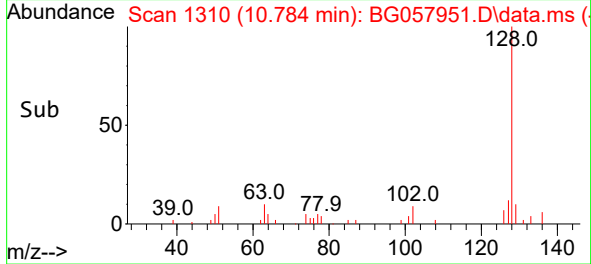


#30  
 Naphthalene  
 Concen: 1.560 ng/ul  
 RT: 10.784 min Scan# 11  
 Delta R.T. -0.001 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

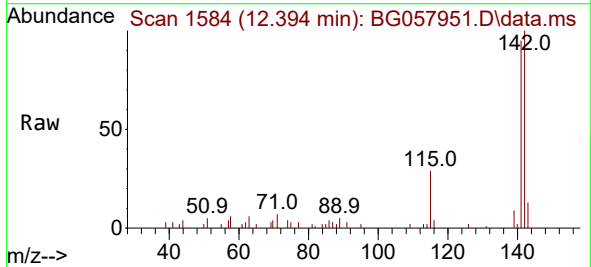
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGJ2



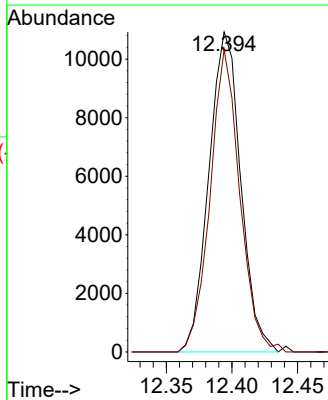
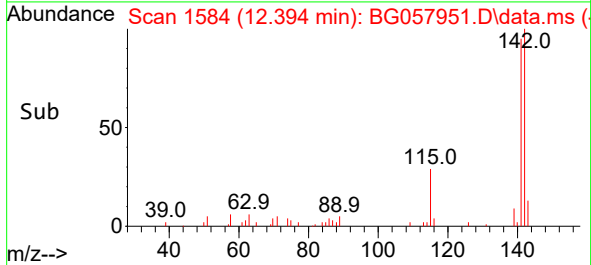
Tgt Ion:128 Resp: 16926  
 Ion Ratio Lower Upper  
 128 100  
 129 10.0 8.6 12.8  
 127 12.2 10.2 15.2

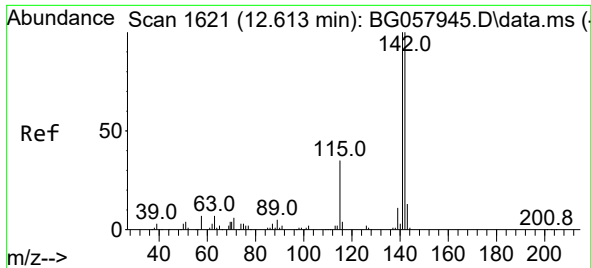


#36  
 2-Methylnaphthalene  
 Concen: 2.521 ng/ul  
 RT: 12.394 min Scan# 1584  
 Delta R.T. 0.005 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06



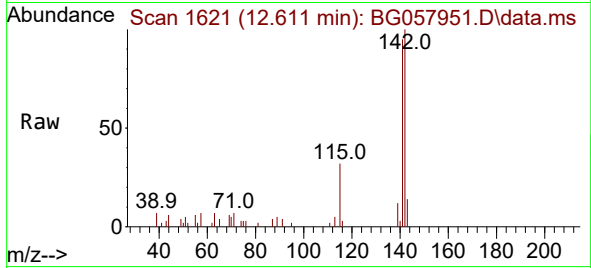
Tgt Ion:142 Resp: 18446  
 Ion Ratio Lower Upper  
 142 100  
 141 94.5 69.4 104.2



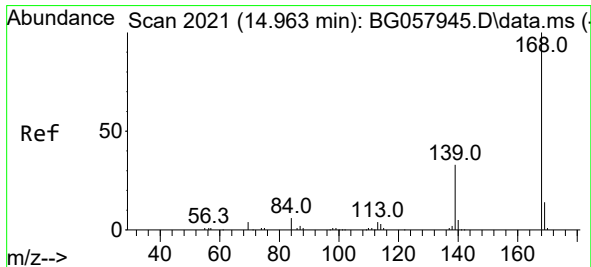
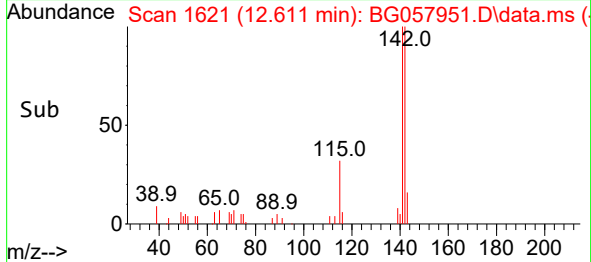
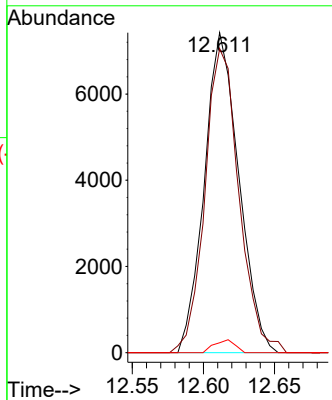


#37  
 1-Methylnaphthalene  
 Concen: 1.711 ng/ul  
 RT: 12.611 min Scan# 1  
 Delta R.T. -0.001 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

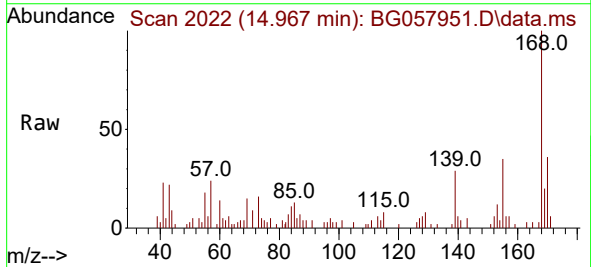
Instrument :  
 BNA\_G  
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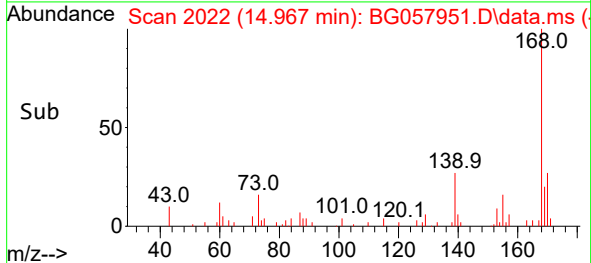
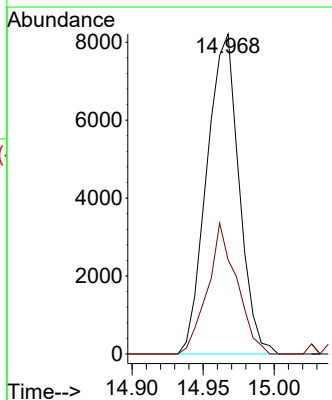
Tgt Ion:142 Resp: 12554  
 Ion Ratio Lower Upper  
 142 100  
 141 95.0 73.8 110.8  
 116 3.1 3.0 4.4

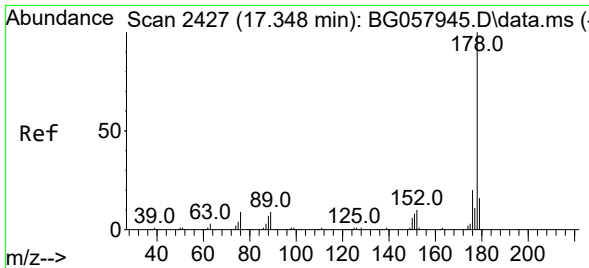


#56  
 Dibenzofuran  
 Concen: 1.014 ng/ul  
 RT: 14.967 min Scan# 2022  
 Delta R.T. 0.005 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06



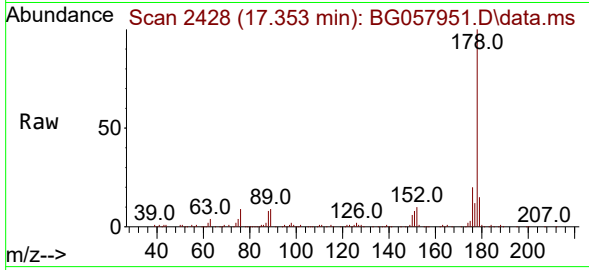
Tgt Ion:168 Resp: 12956  
 Ion Ratio Lower Upper  
 168 100  
 139 29.4 27.6 41.4



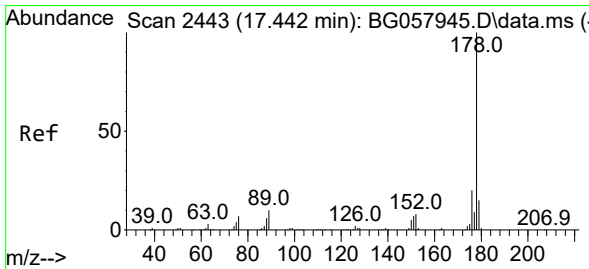
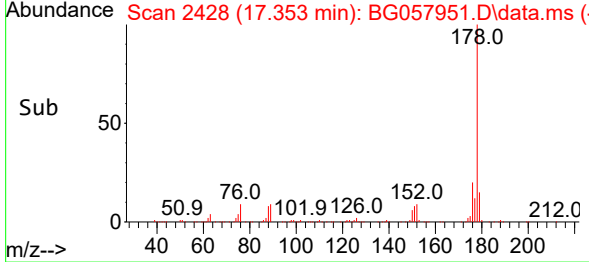
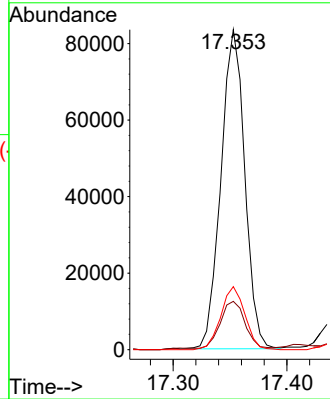


#72  
 Phenanthrene  
 Concen: 7.258 ng/uI  
 RT: 17.353 min Scan# 2428  
 Delta R.T. 0.005 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGJ2

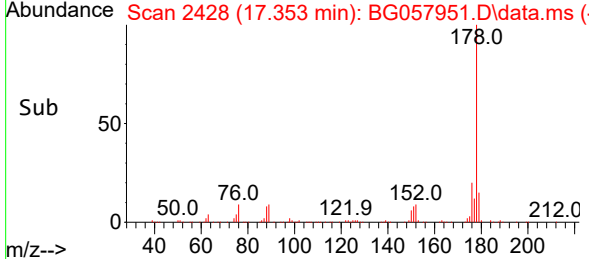
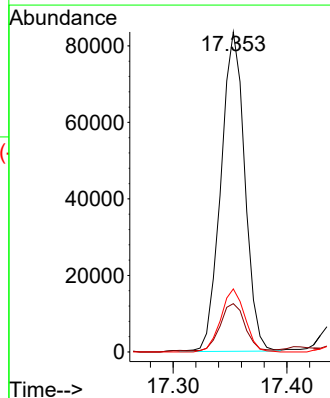
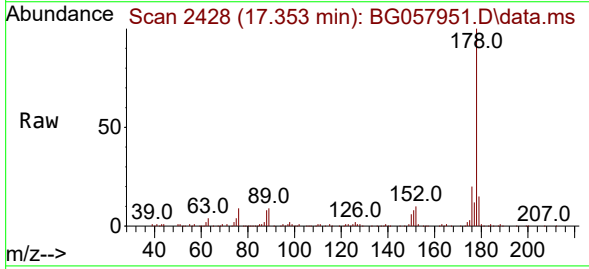


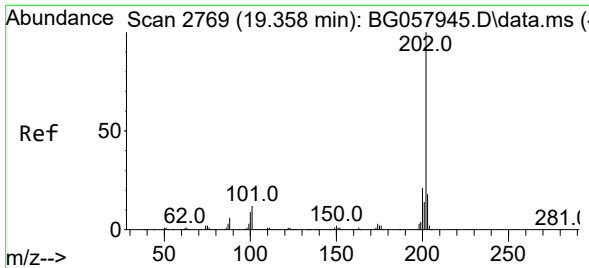
Tgt Ion:178 Resp: 121541  
 Ion Ratio Lower Upper  
 178 100  
 179 15.1 12.8 19.2  
 176 19.7 15.7 23.5



#74  
 Anthracene  
 Concen: 7.195 ng/uI  
 RT: 17.353 min Scan# 2428  
 Delta R.T. -0.089 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

Tgt Ion:178 Resp: 121935  
 Ion Ratio Lower Upper  
 178 100  
 179 15.1 12.6 18.8  
 176 19.7 15.4 23.2



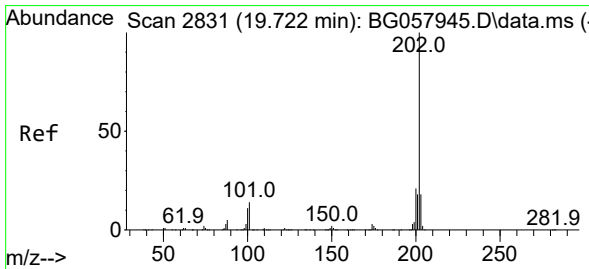
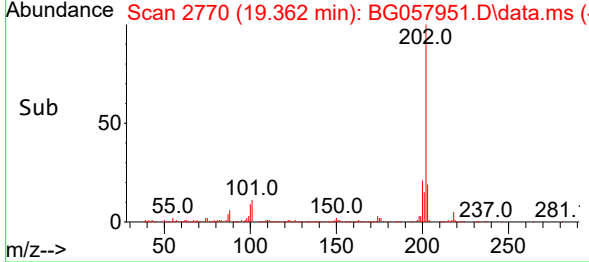
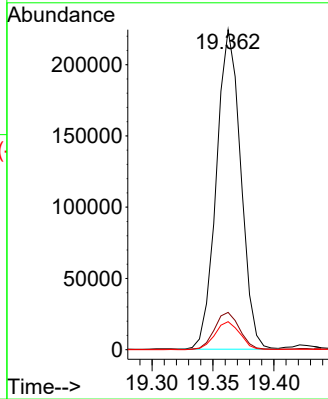
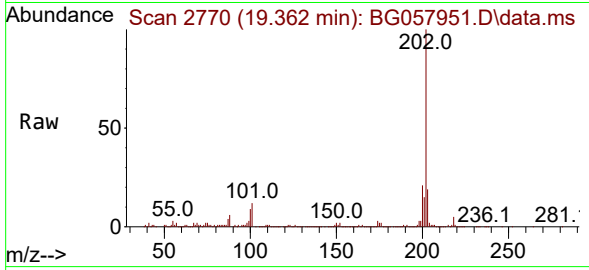


#80  
 Fluoranthene  
 Concen: 15.859 ng/uI  
 RT: 19.362 min Scan# 2770  
 Delta R.T. 0.005 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGJ2

Tgt Ion:202 Resp: 312290

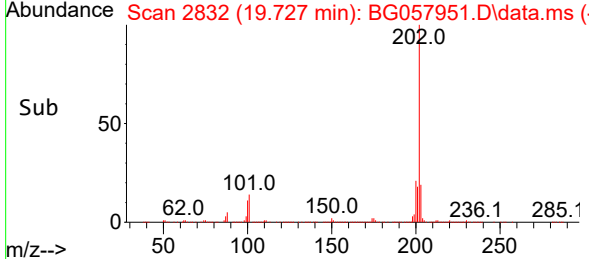
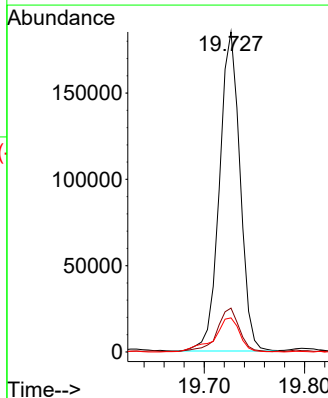
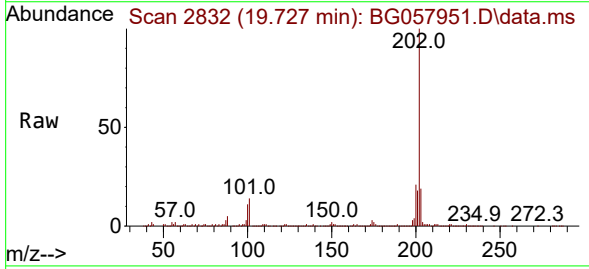
Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
100	8.8	7.1	10.7

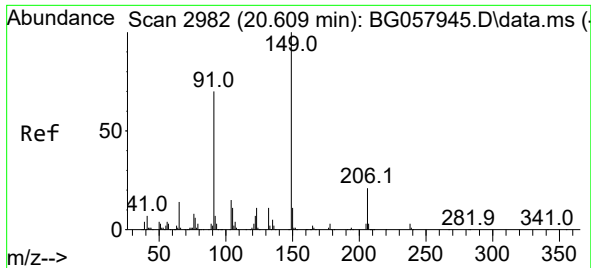


#82  
 Pyrene  
 Concen: 13.281 ng/uI  
 RT: 19.727 min Scan# 2832  
 Delta R.T. 0.005 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

Tgt Ion:202 Resp: 263256

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.2	15.2
100	10.7	8.9	13.3

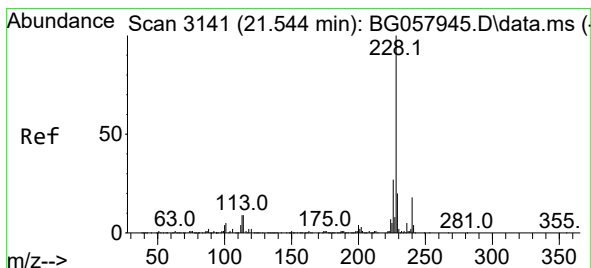
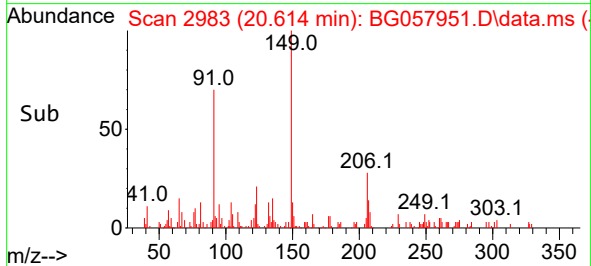
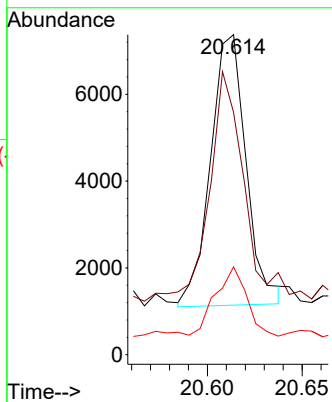
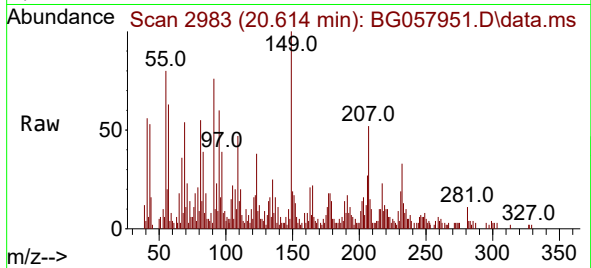




#83  
 Butylbenzylphthalate  
 Concen: 1.014 ng/ul  
 RT: 20.614 min Scan# 2983  
 Delta R.T. 0.005 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

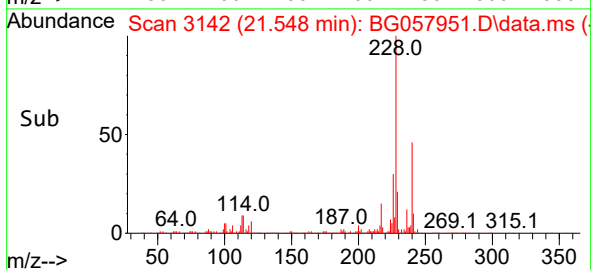
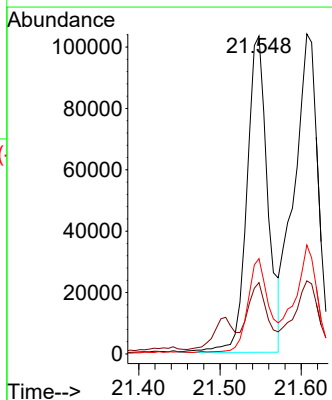
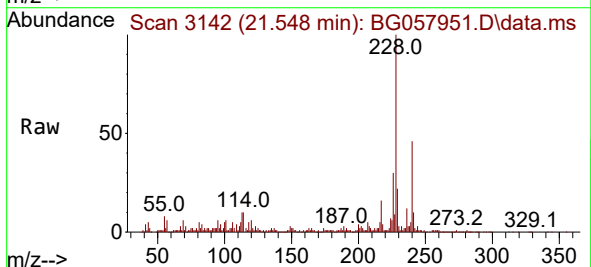
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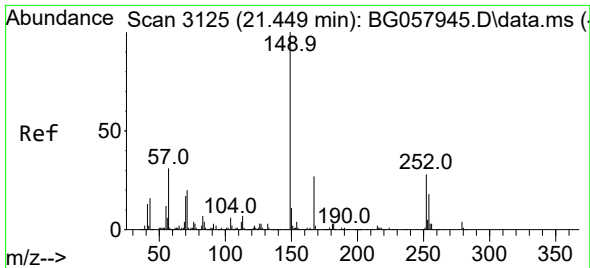
Tgt Ion	Resp	Ion Ratio	Lower	Upper
149	8153	100		
91		75.7	56.5	84.7
206		27.5	17.4	26.0



#85  
 Benzo(a)anthracene  
 Concen: 9.494 ng/ul  
 RT: 21.548 min Scan# 3142  
 Delta R.T. 0.005 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

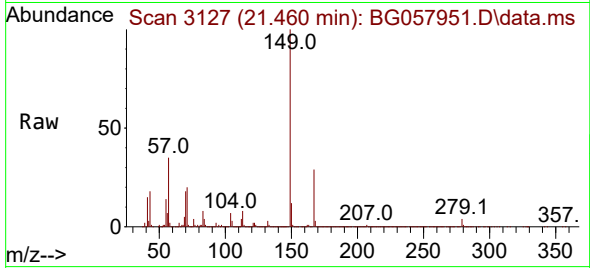
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228	183935	100		
229		22.5	16.0	24.0
226		30.0	22.0	33.0



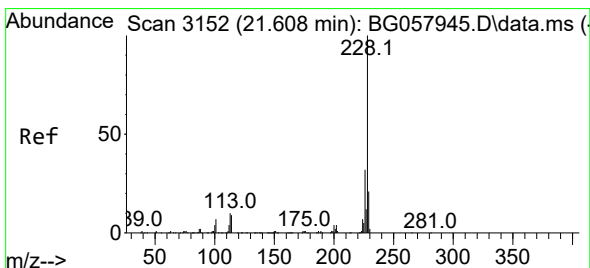
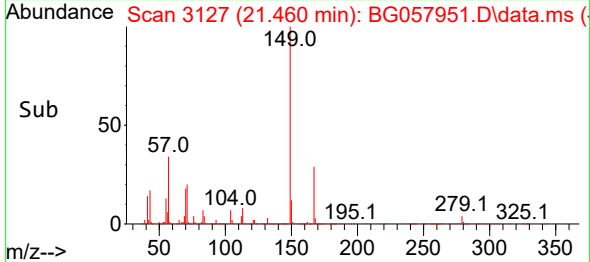
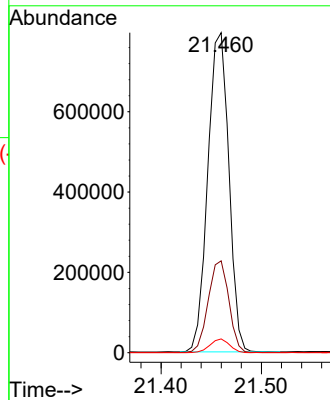


#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 100.404 ng/ul  
 RT: 21.460 min Scan# 3127  
 Delta R.T. 0.011 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

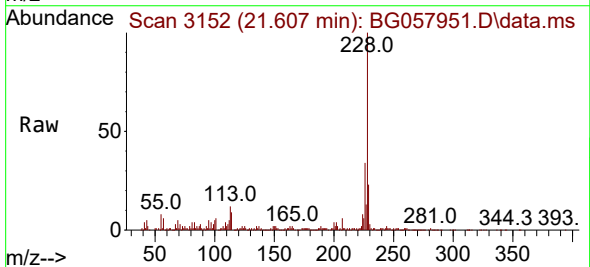
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGJ2



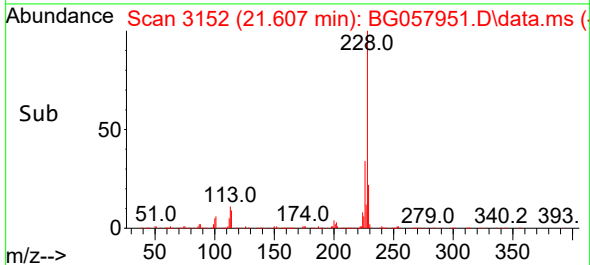
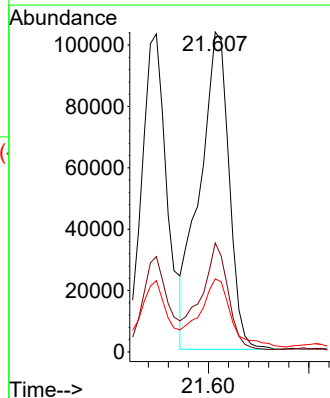
Tgt Ion:149 Resp: 1156494  
 Ion Ratio Lower Upper  
 149 100  
 167 28.7 20.9 31.3  
 279 4.3 3.1 4.7



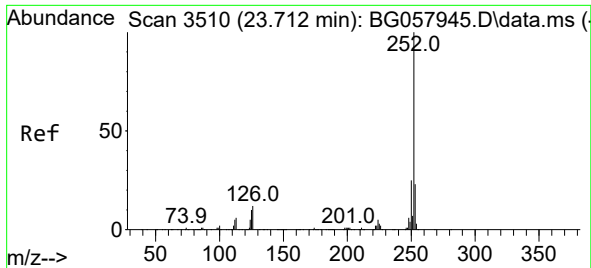
#87  
 Chrysene  
 Concen: 11.571 ng/ul  
 RT: 21.607 min Scan# 3152  
 Delta R.T. -0.001 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06



Tgt Ion:228 Resp: 210160  
 Ion Ratio Lower Upper  
 228 100  
 226 34.1 24.4 36.6  
 229 22.9 15.5 23.3



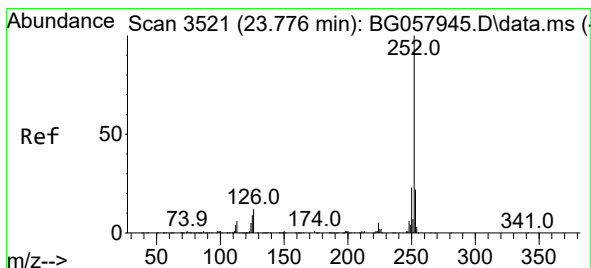
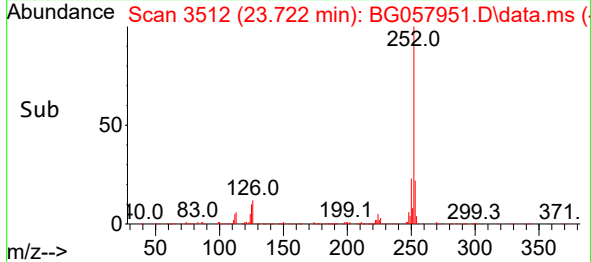
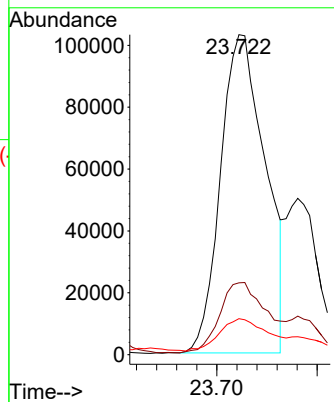
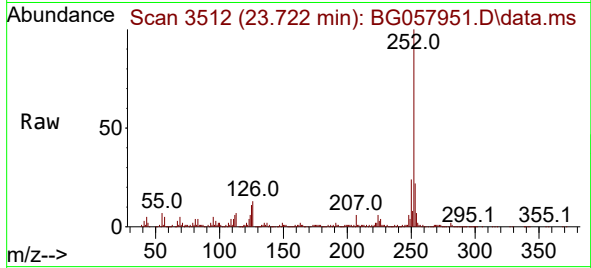




#90  
 Benzo(b)fluoranthene  
 Concen: 15.520 ng/ul  
 RT: 23.722 min Scan# 3512  
 Delta R.T. 0.011 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

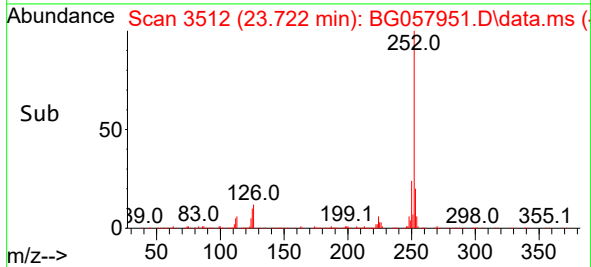
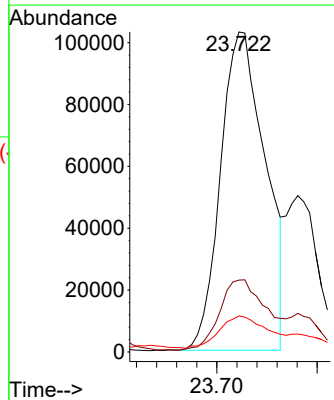
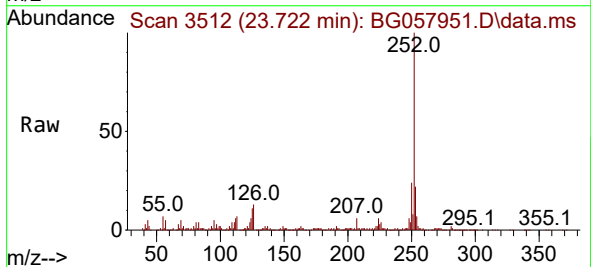
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGJ2

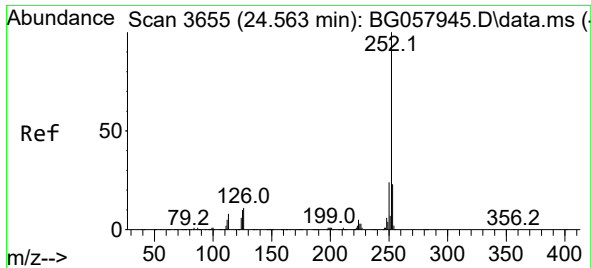
Tgt Ion:252 Resp: 318675  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 18.1 27.1  
 125 11.3 7.5 11.3



#91  
 Benzo(k)fluoranthene  
 Concen: 15.834 ng/ul  
 RT: 23.722 min Scan# 3512  
 Delta R.T. -0.054 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

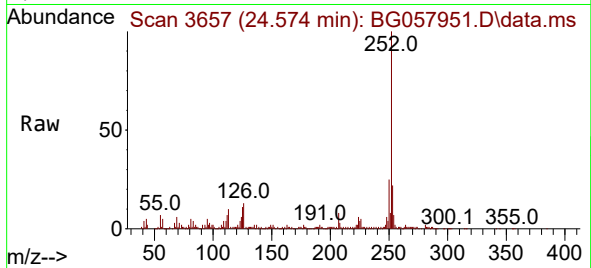
Tgt Ion:252 Resp: 318675  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.7 26.5  
 125 11.3 7.4 11.2#



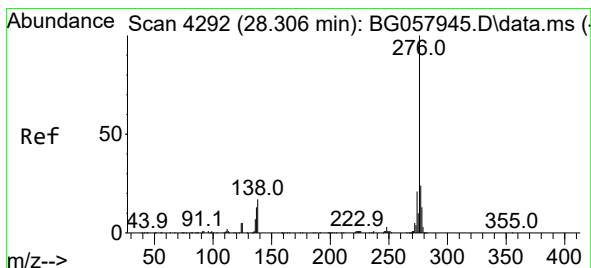
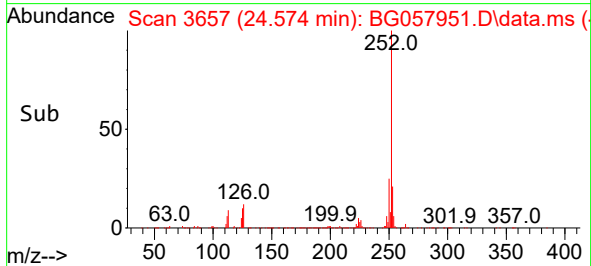
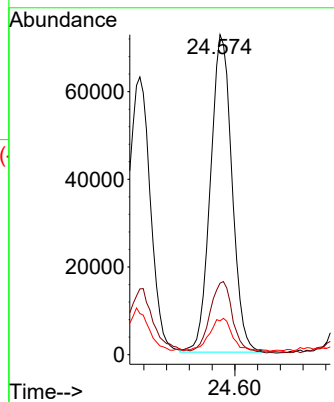


#93  
 Benzo(a)pyrene  
 Concen: 10.452 ng/u1  
 RT: 24.574 min Scan# 30  
 Delta R.T. 0.005 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGJ2

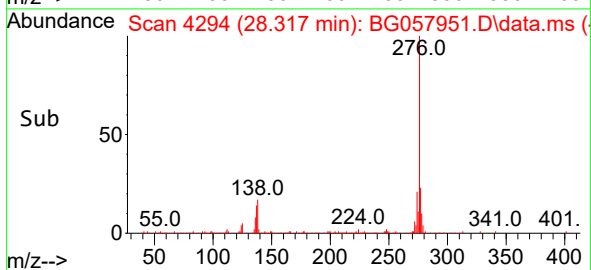
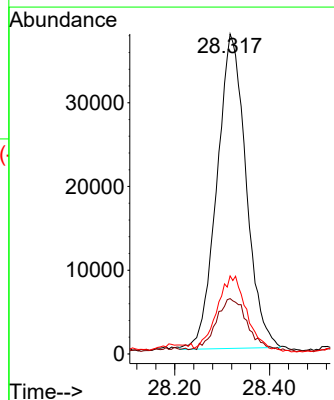
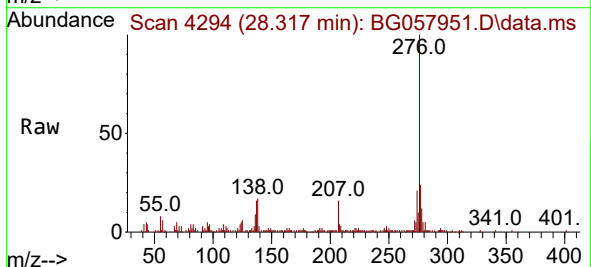


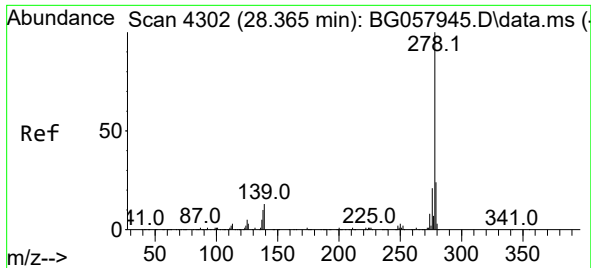
Tgt Ion:252 Resp: 189959  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.8 26.6  
 125 10.6 8.3 12.5



#94  
 Indeno(1,2,3-cd)pyrene  
 Concen: 6.621 ng/u1  
 RT: 28.317 min Scan# 4294  
 Delta R.T. 0.011 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

Tgt Ion:276 Resp: 159787  
 Ion Ratio Lower Upper  
 276 100  
 138 17.3 14.0 21.0  
 277 24.4 19.4 29.2



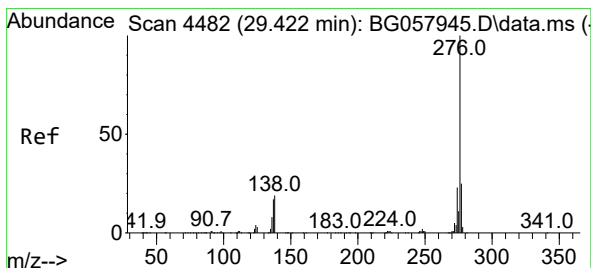
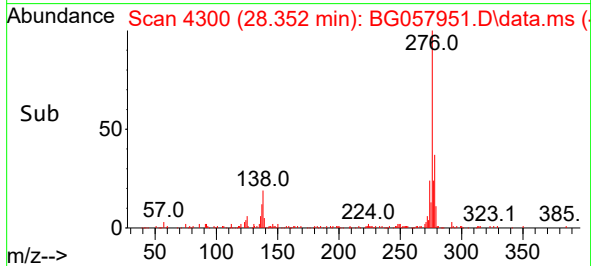
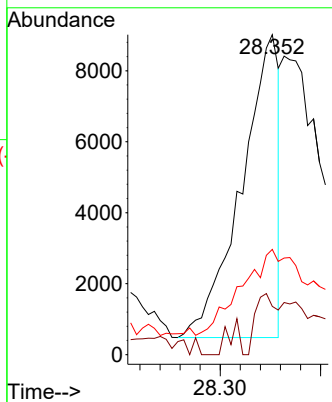
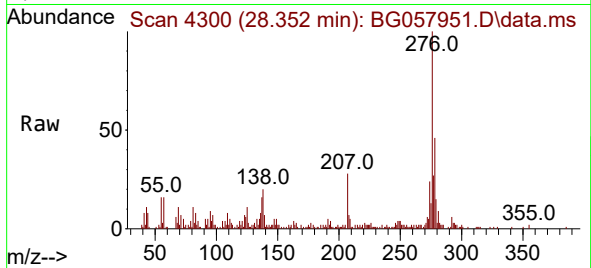


#95  
 Dibenzo(a,h)anthracene  
 Concen: 1.105 ng/ul  
 RT: 28.352 min Scan# 4300  
 Delta R.T. -0.018 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGJ2

Tgt Ion:278 Resp: 21985

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.3	16.9
279	32.9	18.9	28.3#



#96  
 Benzo(g,h,i)perylene  
 Concen: 7.283 ng/ul  
 RT: 29.451 min Scan# 4487  
 Delta R.T. 0.023 min  
 Lab File: BG057951.D  
 Acq: 3 Jul 2023 12:06

Tgt Ion:276 Resp: 143557

Ion	Ratio	Lower	Upper
276	100		
138	17.8	14.2	21.2
277	23.2	18.6	27.8

