

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_P
 ClientSampleId :

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)

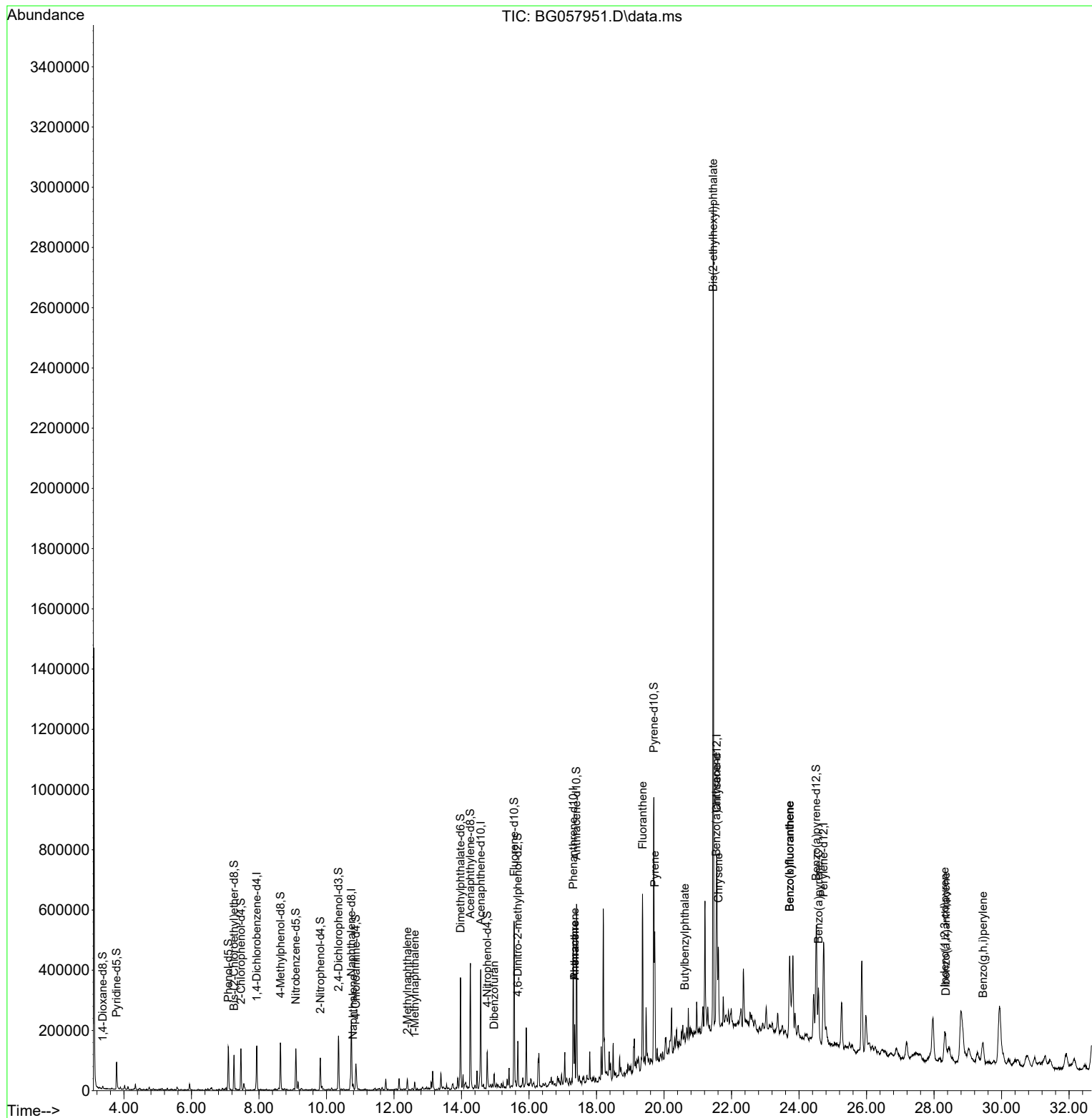
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	40566	20.000	ng/ul	0.00
20) Naphthalene-d8	10.737	136	193108	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.568	164	140890	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.312	188	329222	20.000	ng/ul	0.00
79) Chrysene-d12	21.566	240	269830	20.000	ng/ul	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						
					Qvalue	
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

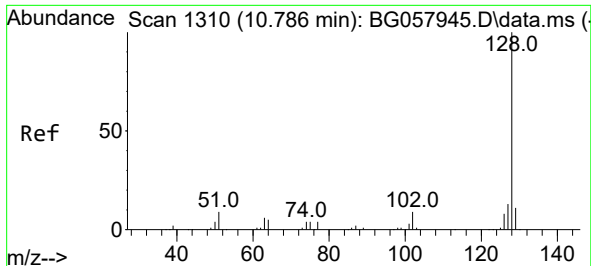
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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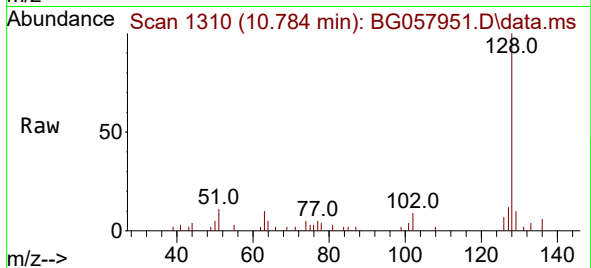
Quant Time: Jul 04 00:53:17 2023
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Quant Title : SVOA CALIBRATION
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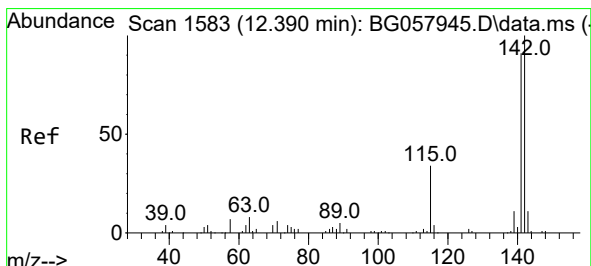
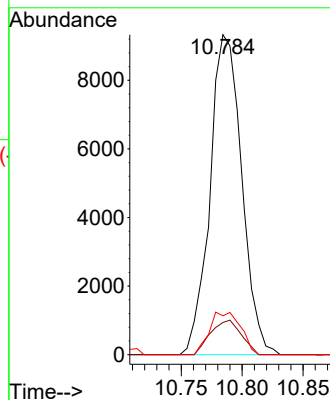
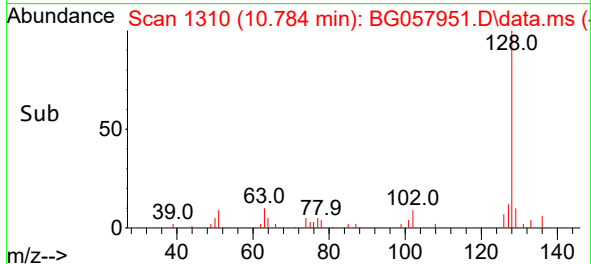


#30
Naphthalene
Concen: 1.560 ng/ul
RT: 10.784 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

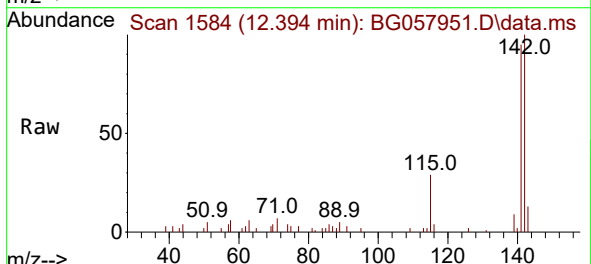
Instrument :
BNA_P
ClientSampleId :



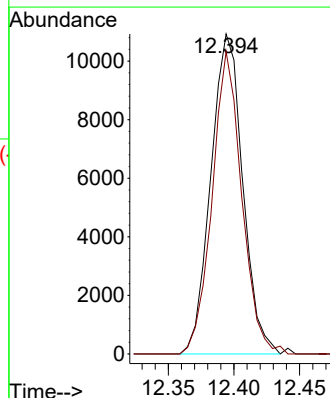
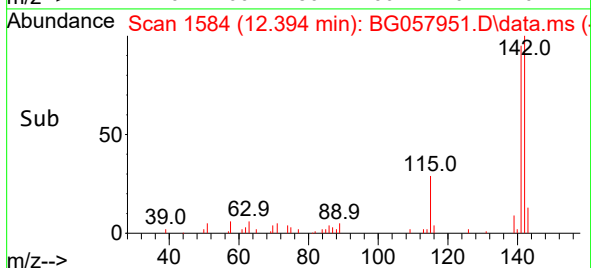
Tgt Ion:128 Resp: 16926
Ion Ratio Lower Upper
128 100
129 10.0 8.6 12.8
127 12.2 10.2 15.2

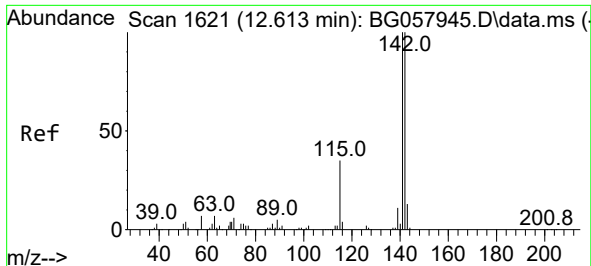


#36
2-Methylnaphthalene
Concen: 2.521 ng/ul
RT: 12.394 min Scan# 1584
Delta R.T. 0.005 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06



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

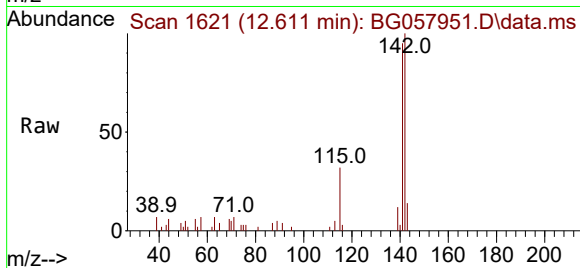
Lab File: BG057951.D

Acq: 3 Jul 2023 12:06

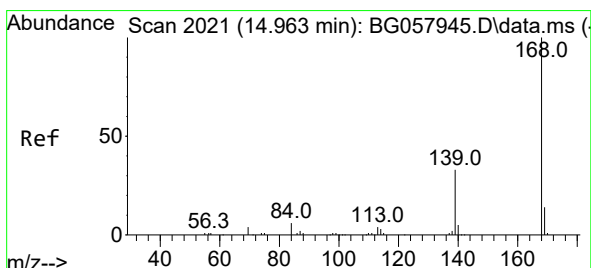
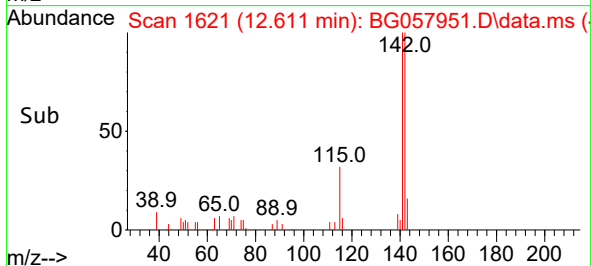
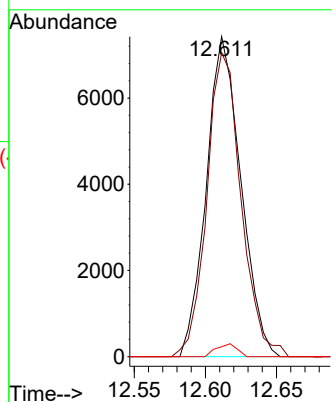
Instrument :

BNA_P

ClientSampleId :



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

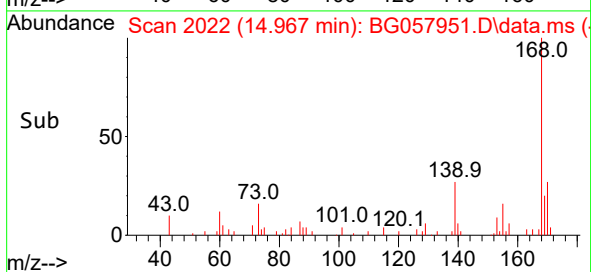
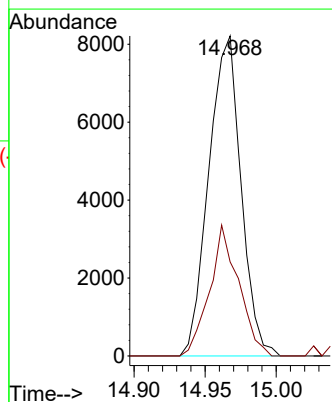
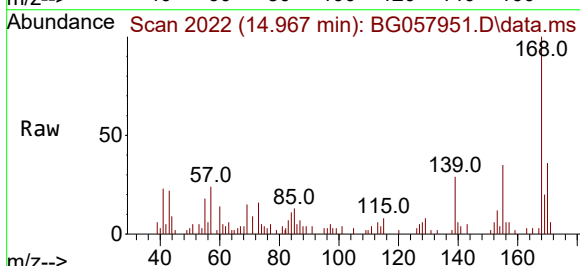
RT: 14.967 min Scan# 2022

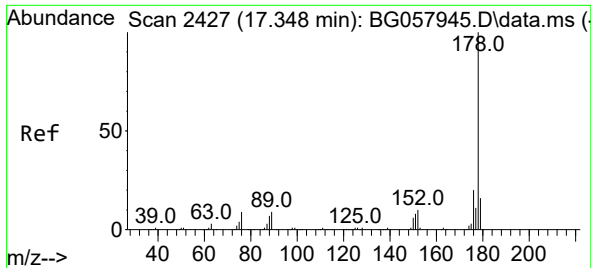
Delta R.T. 0.005 min

Lab File: BG057951.D

Acq: 3 Jul 2023 12:06

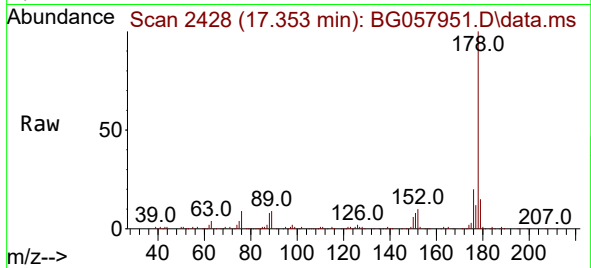
Tgt Ion:	168	Resp:	12956
Ion Ratio	Lower	Upper	
168	100		
139	29.4	27.6	41.4



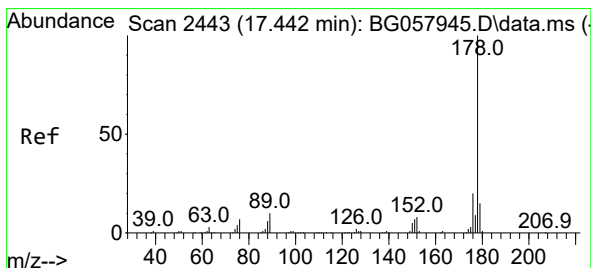
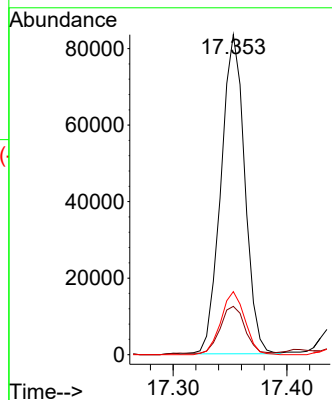
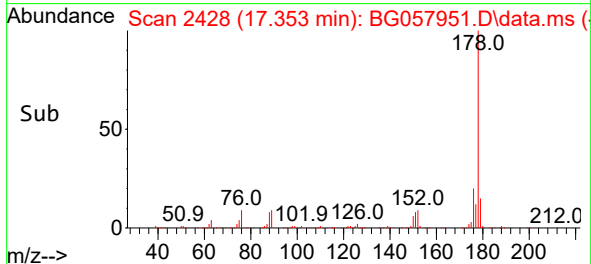


#72
Phenanthrene
Concen: 7.258 ng/ul
RT: 17.353 min Scan# 2428
Delta R.T. 0.005 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

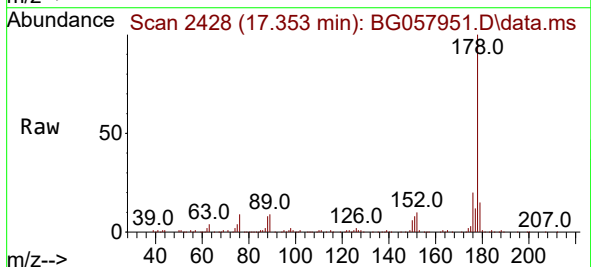
Instrument :
BNA_P
ClientSampleId :



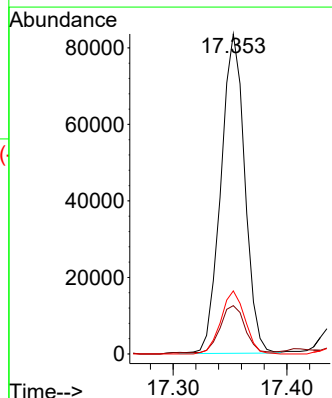
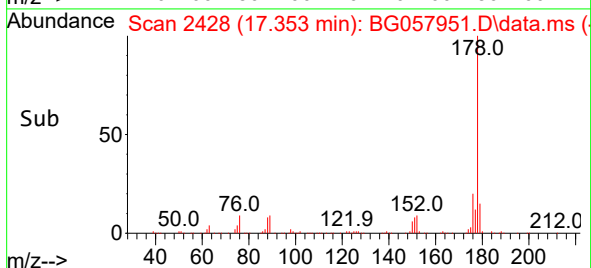
Tgt Ion:178 Resp: 121541
Ion Ratio Lower Upper
178 100
179 15.1 12.8 19.2
176 19.7 15.7 23.5

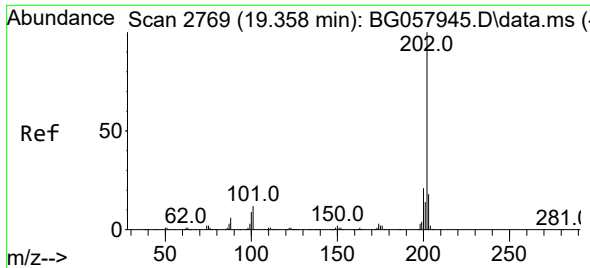


#74
Anthracene
Concen: 7.195 ng/ul
RT: 17.353 min Scan# 2428
Delta R.T. -0.089 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06



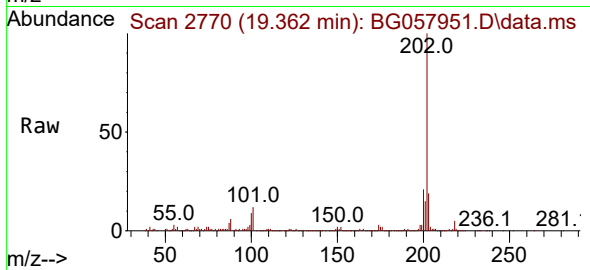
Tgt Ion:178 Resp: 121935
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 19.7 15.4 23.2



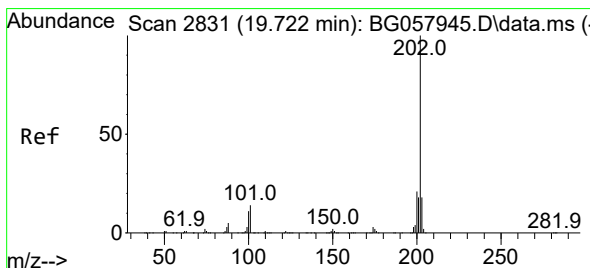
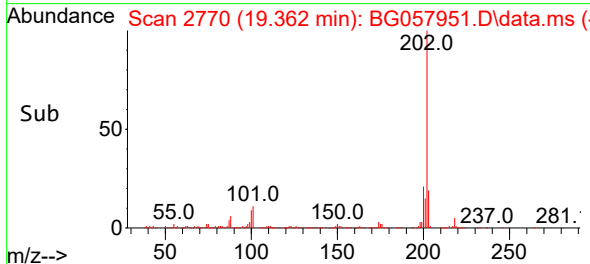
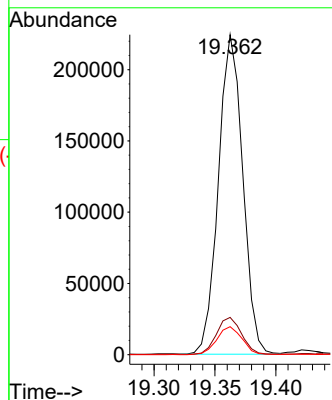


#80
Fluoranthene
Concen: 15.859 ng/ul
RT: 19.362 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

Instrument :
BNA_P
ClientSampleId :

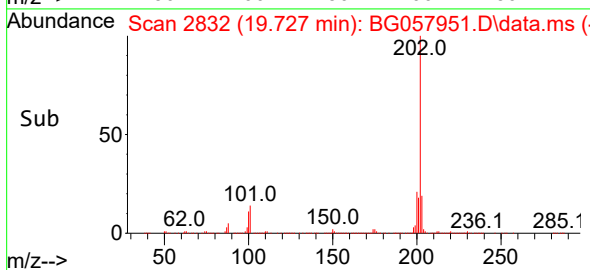
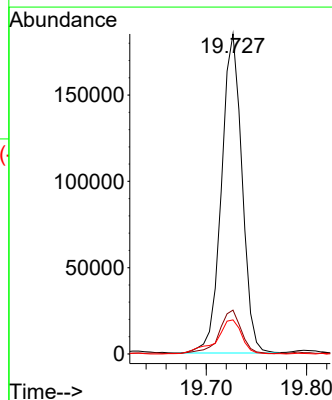
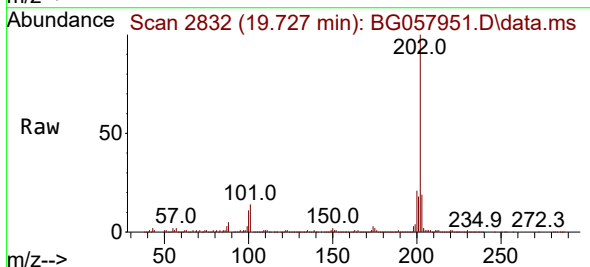


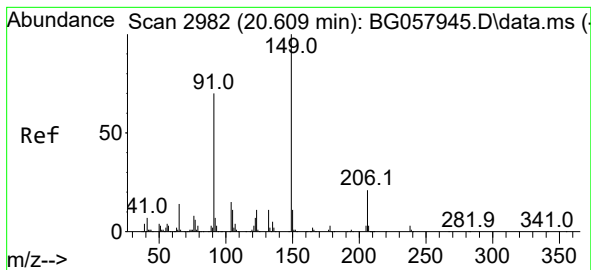
Tgt Ion:202 Resp: 312290
Ion Ratio Lower Upper
202 100
101 11.6 9.1 13.7
100 8.8 7.1 10.7



#82
Pyrene
Concen: 13.281 ng/ul
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

Instrument :

BNA_P

ClientSampleId :

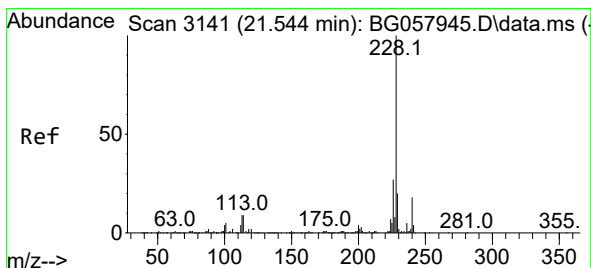
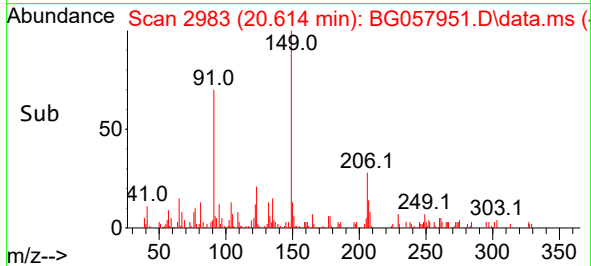
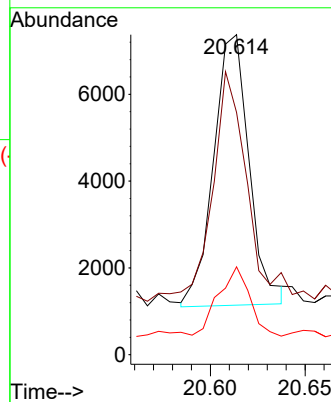
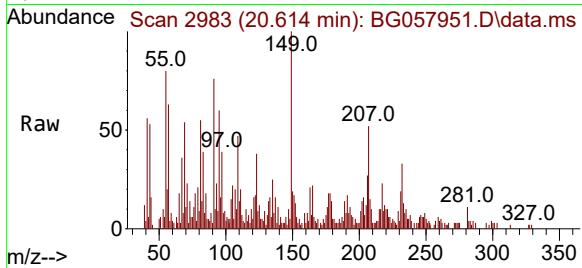
Tgt Ion:149 Resp: 8153

Ion Ratio Lower Upper

149 100

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

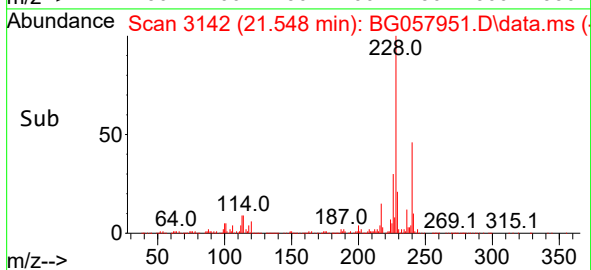
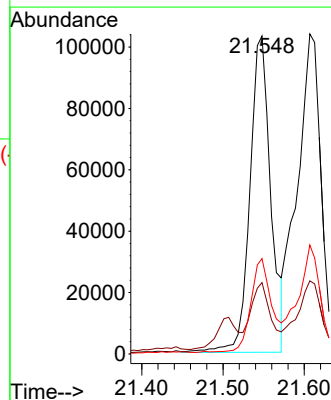
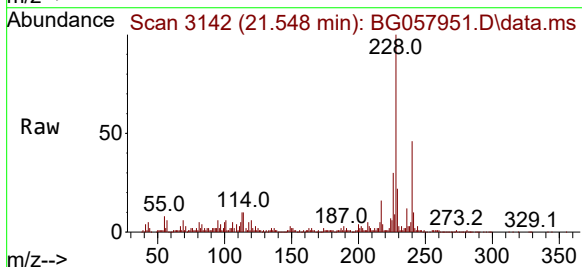
Tgt Ion:228 Resp: 183935

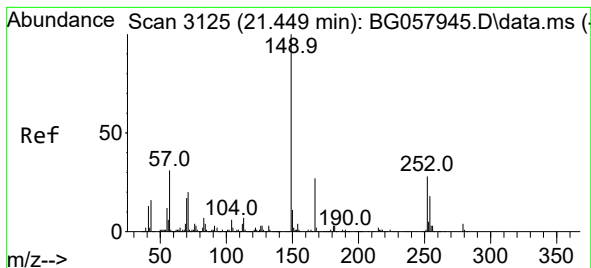
Ion Ratio Lower Upper

228 100

229 22.5 16.0 24.0

226 30.0 22.0 33.0



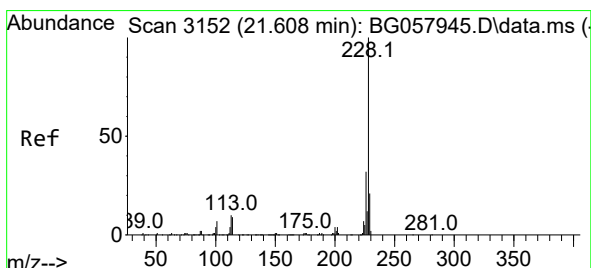
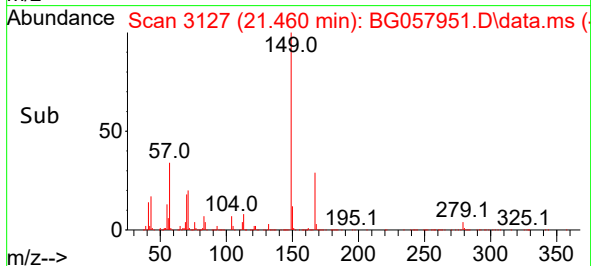
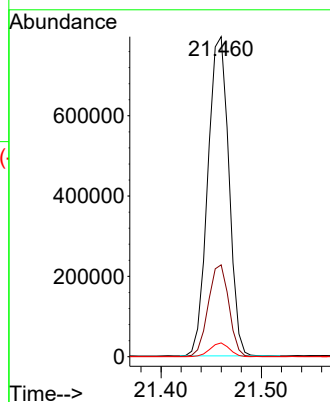
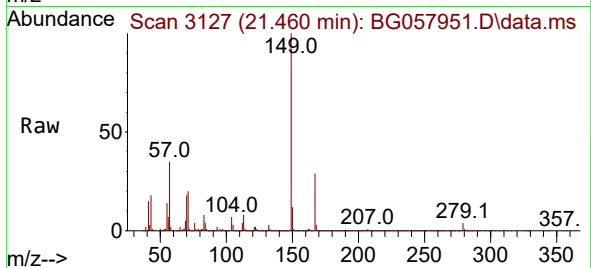


#86
 Bis(2-ethylhexyl)phthalate
 Concen: 100.404 ng/ul
 RT: 21.460 min Scan# 3127
 Delta R.T. 0.011 min
 Lab File: BG057951.D
 Acq: 3 Jul 2023 12:06

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:149 Resp: 1156494

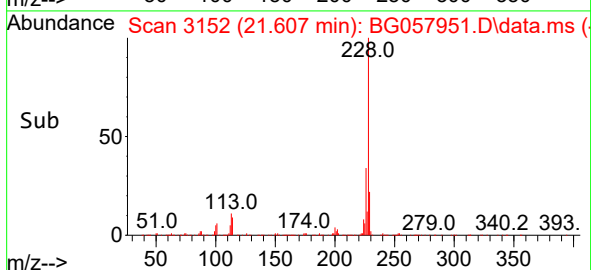
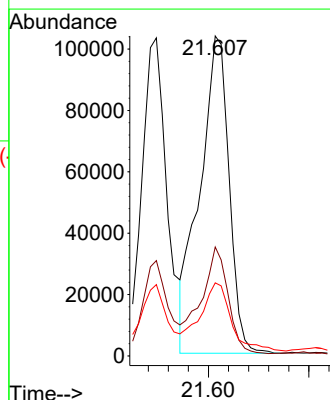
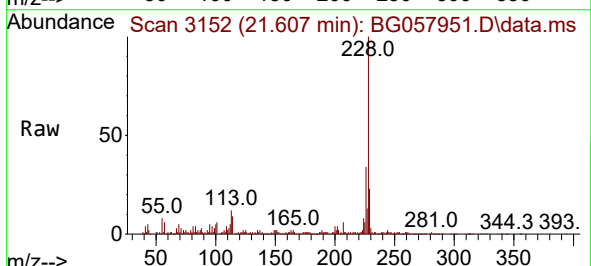
Ion	Ratio	Lower	Upper
149	100		
167	28.7	20.9	31.3
279	4.3	3.1	4.7

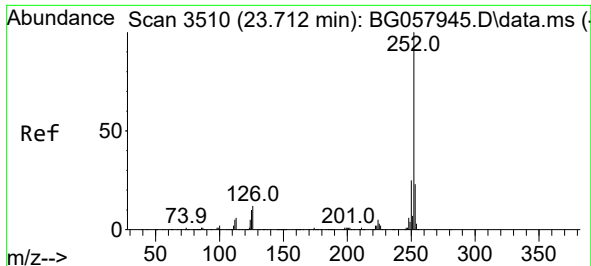


#87
 Chrysene
 Concen: 11.571 ng/ul
 RT: 21.607 min Scan# 3152
 Delta R.T. -0.001 min
 Lab File: BG057951.D
 Acq: 3 Jul 2023 12:06

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

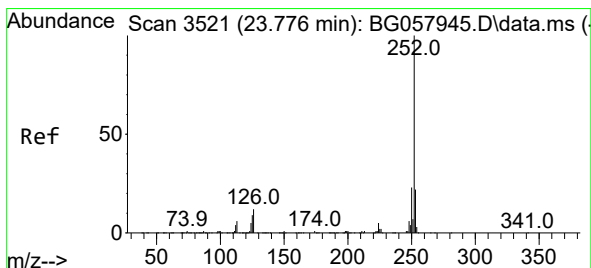
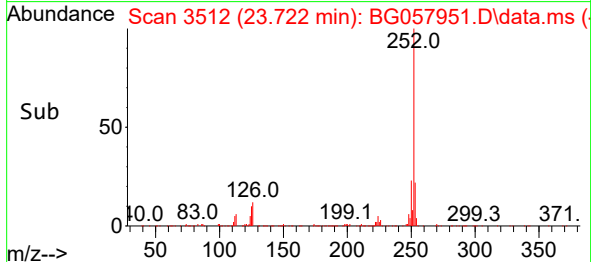
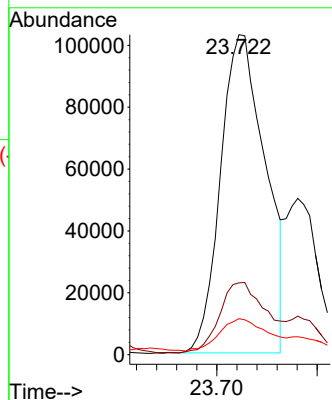
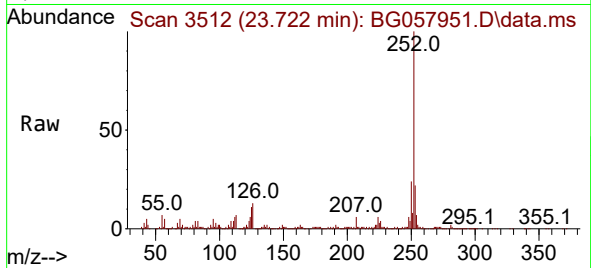




#90
Benzo(b)fluoranthene
Concen: 15.520 ng/ul
RT: 23.722 min Scan# 3512
Delta R.T. 0.011 min
Lab File: BG057951.D
Acq: 3 Jul 2023 12:06

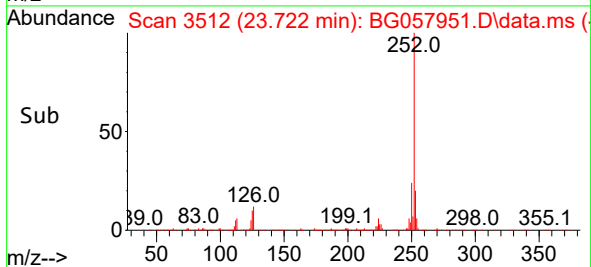
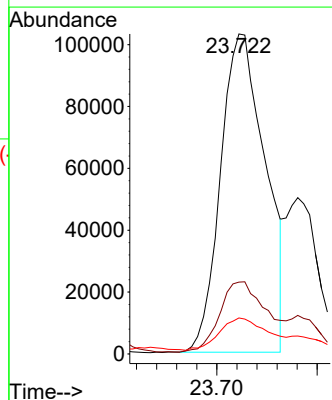
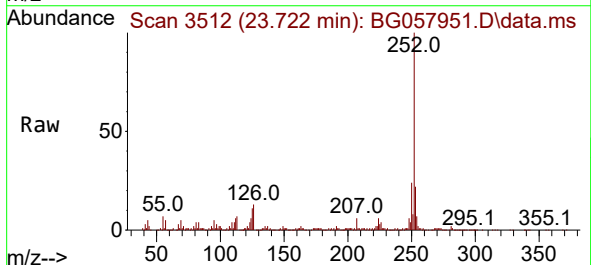
Instrument :
BNA_P
ClientSampleId :

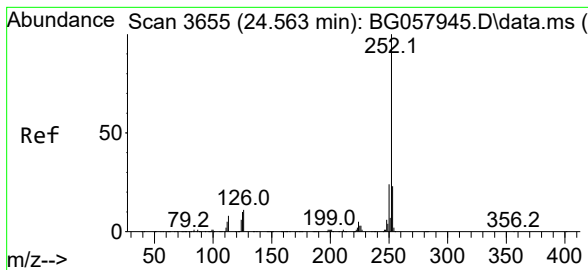
Tgt Ion:252 Resp: 318675
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.3 7.5 11.3



#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/ul

RT: 24.574 min Scan# 3

Delta R.T. 0.005 min

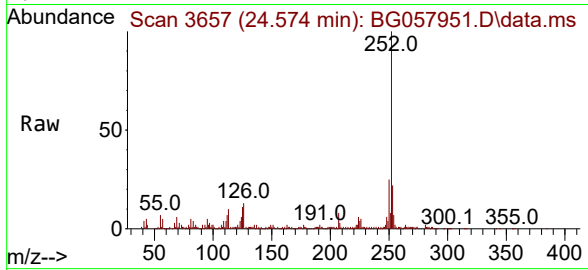
Lab File: BG057951.D

Acq: 3 Jul 2023 12:06

Instrument :

BNA_P

ClientSampleId :



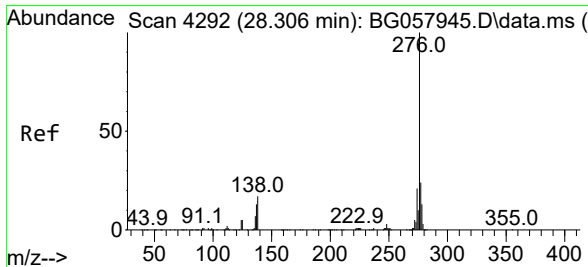
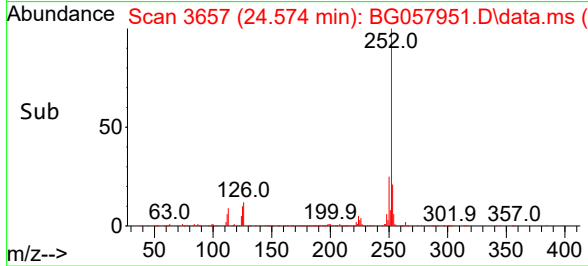
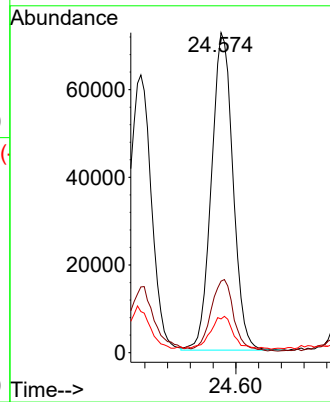
Tgt Ion:252 Resp: 189959

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/ul

RT: 28.317 min Scan# 4294

Delta R.T. 0.011 min

Lab File: BG057951.D

Acq: 3 Jul 2023 12:06

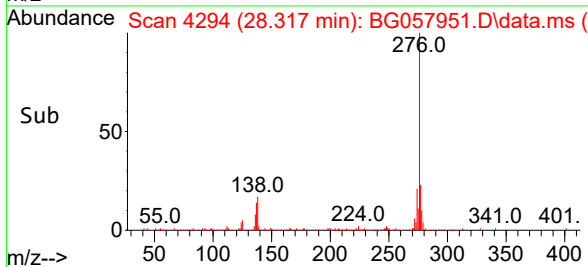
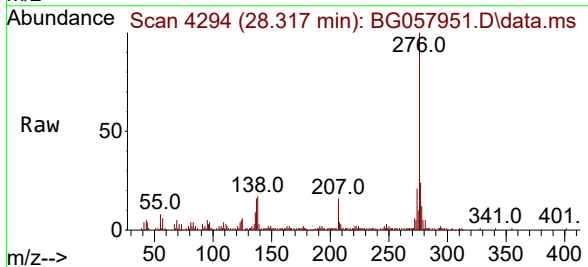
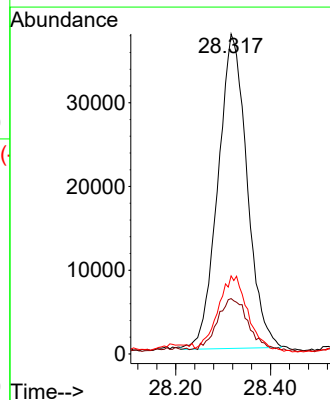
Tgt Ion:276 Resp: 159787

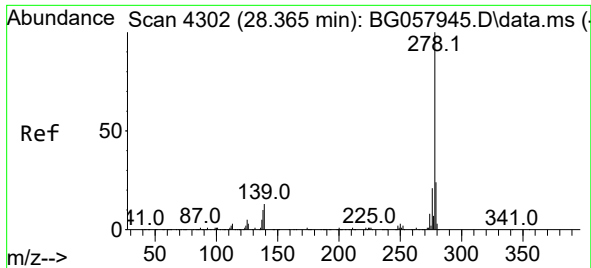
Ion Ratio Lower Upper

276 100

138 17.3 14.0 21.0

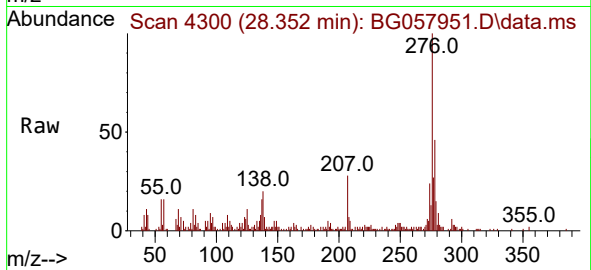
277 24.4 19.4 29.2



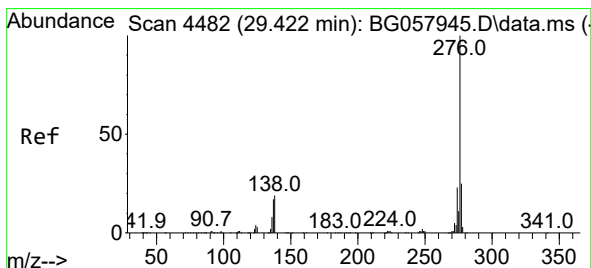
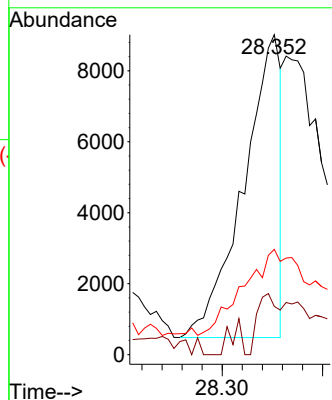
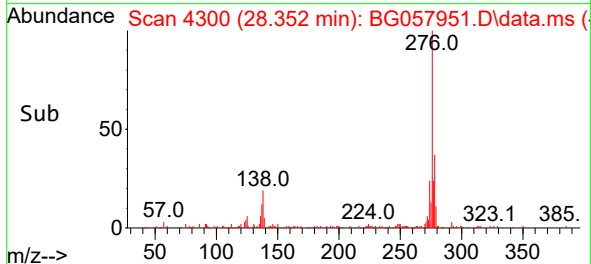


#95
 Dibenzo(a,h)anthracene
 Concen: 1.105 ng/ul
 RT: 28.352 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BG057951.D
 Acq: 3 Jul 2023 12:06

Instrument :
 BNA_P
 ClientSampleId :



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

