

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058235.D
 Acq On : 14 Jul 2023 17:47
 Operator : CG/JU
 Sample : 03418-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4644

Quant Time: Jul 15 01:16:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

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

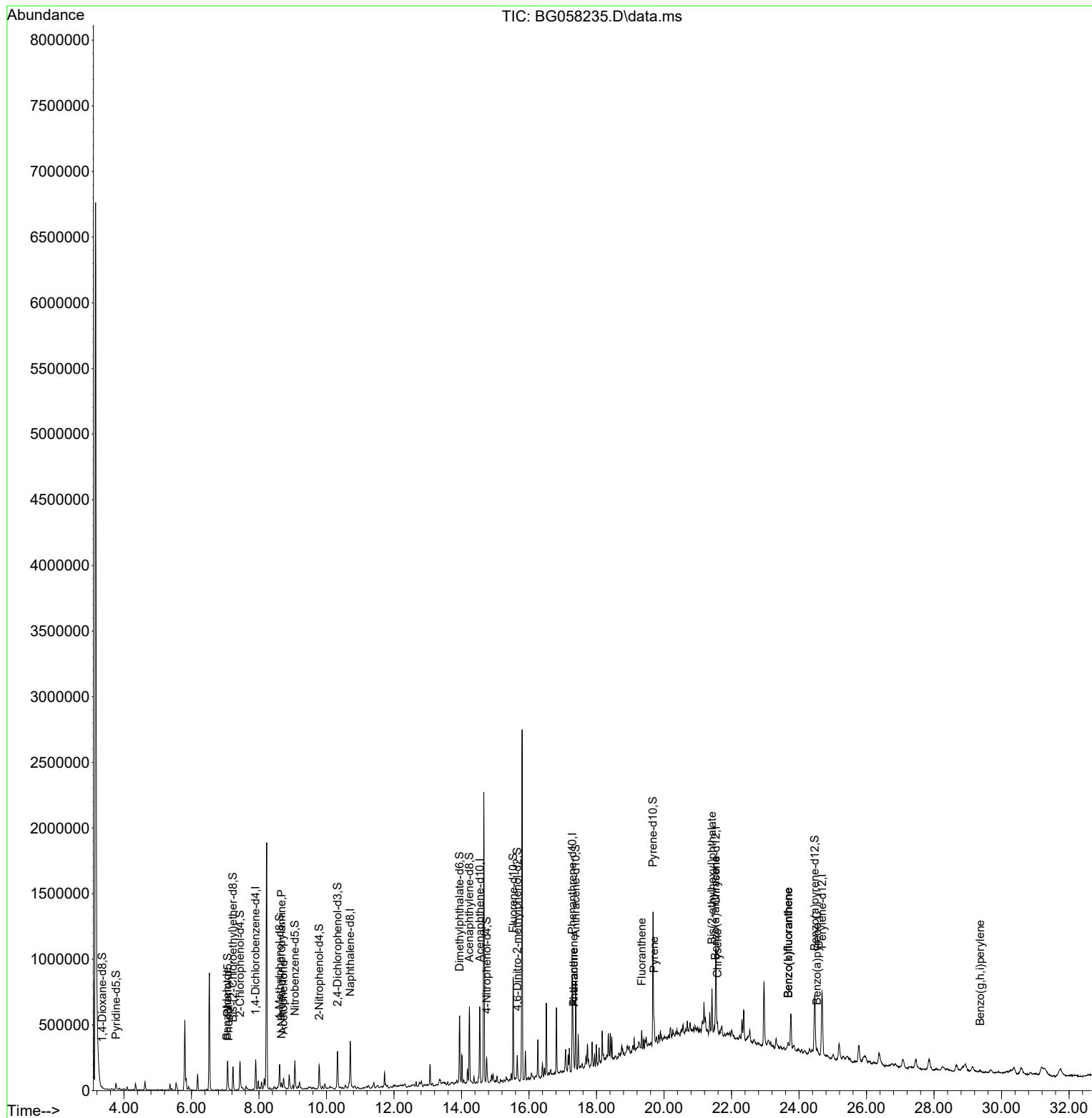
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	67255	20.000	ng/ul	0.00
20) Naphthalene-d8	10.702	136	303789	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	207367	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188	459372	20.000	ng/ul	0.00
79) Chrysene-d12	21.537	240	386860	20.000	ng/ul	0.00
88) Perylene-d12	24.686	264	479819	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5558	2.894	ng/uL	0.00
4) Pyridine-d5	3.764	84	28815	4.942	ng/ul	0.01
7) Phenol-d5	7.071	99	141305	20.573	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	87896	21.235	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	102216	21.578	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	75689	14.604	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	53937	21.784	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	60793	23.362	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.326	165	109114	21.858	ng/ul	0.00
31) 4-Chloroaniline-d4	10.820	131	584	0.077	ng/ul	-0.02
46) Dimethylphthalate-d6	13.946	166	354297	21.654	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	401096	22.465	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	50180	17.359	ng/ul	0.00
60) Fluorene-d10	15.532	176	325131	23.399	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	45837	18.376	ng/ul	0.00
73) Anthracene-d10	17.383	188	417137	19.569	ng/ul	0.00
81) Pyrene-d10	19.674	212	584473	23.989	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.463	264	508949	20.820	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.048	77	2986	1.302	ng/ul	93
8) Phenol	7.095	94	7263	1.042	ng/ul#	73
16) Acetophenone	8.722	105	40553	4.716	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.670	70	16724	3.638	ng/ul#	61
72) Phenanthrene	17.324	178	59832	2.561	ng/ul	98
74) Anthracene	17.324	178	60006	2.538	ng/ul	98
80) Fluoranthene	19.339	202	93967	3.328	ng/ul	98
82) Pyrene	19.704	202	98300	3.459	ng/ul	99
85) Benzo(a)anthracene	21.519	228	43455	1.564	ng/ul#	88
86) Bis(2-ethylhexyl)phtha...	21.419	149	104827	6.348	ng/ul	96
87) Chrysene	21.584	228	57539	2.210	ng/ul#	95
90) Benzo(b)fluoranthene	23.681	252	61713	2.077	ng/ul#	83
91) Benzo(k)fluoranthene	23.681	252	61713	2.119	ng/ul#	82
93) Benzo(a)pyrene	24.527	252	38384	1.460	ng/ul#	85
96) Benzo(g,h,i)perylene	29.369	276	34042	1.194	ng/ul#	92

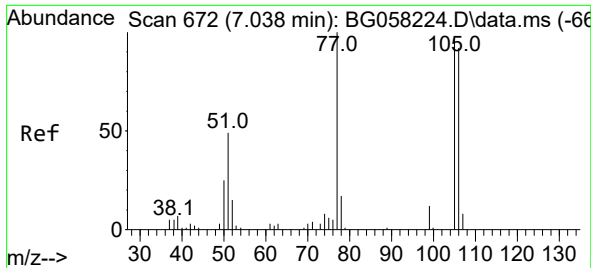
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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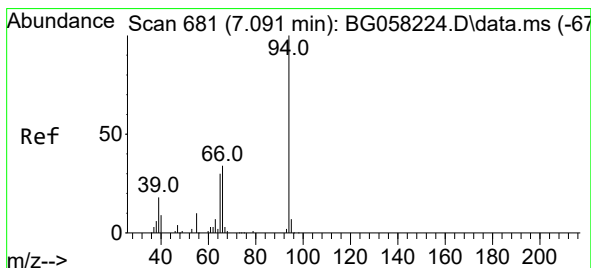
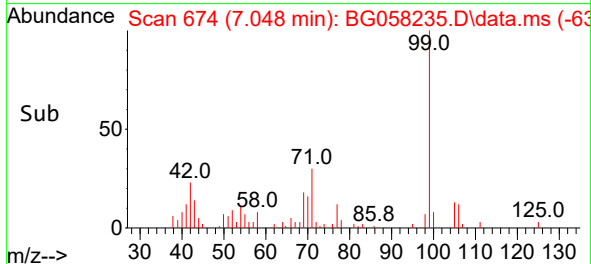
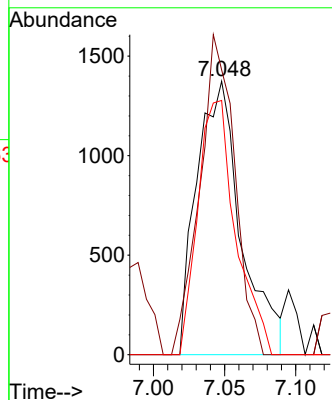
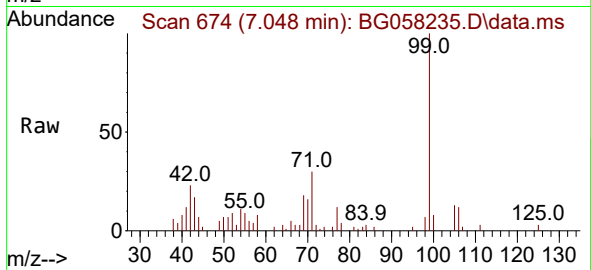




#6
Benzaldehyde
Concen: 1.302 ng/ul
RT: 7.048 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

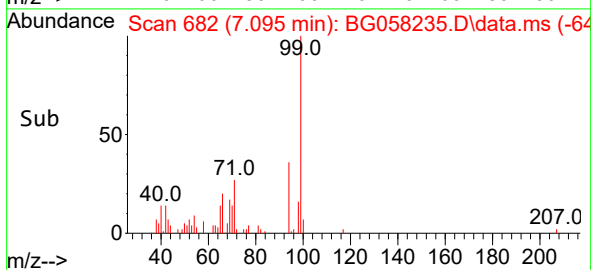
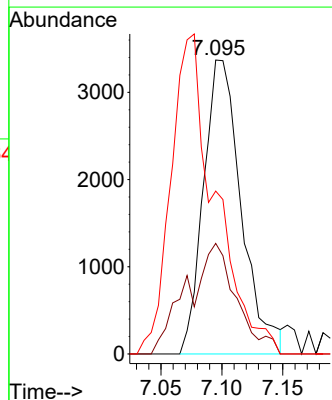
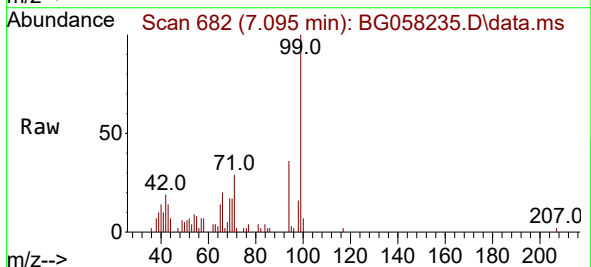
Instrument :
BNA_G
ClientSampleId :
A4644

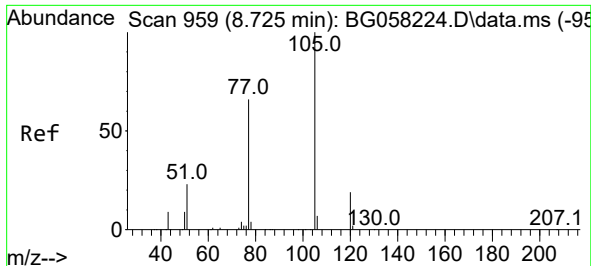
Tgt Ion: 77 Resp: 2986
Ion Ratio Lower Upper
77 100
105 104.1 74.7 112.1
106 93.0 75.9 113.9



#8
Phenol
Concen: 1.042 ng/ul
RT: 7.095 min Scan# 682
Delta R.T. 0.000 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

Tgt Ion: 94 Resp: 7263
Ion Ratio Lower Upper
94 100
65 37.6 22.2 33.4#
66 55.4 28.6 43.0#

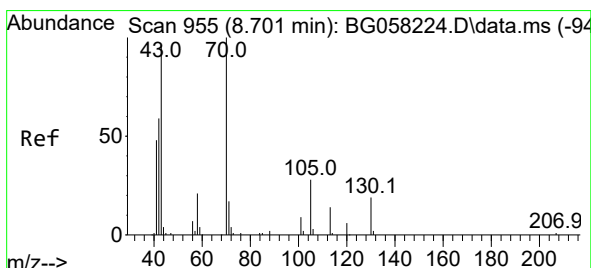
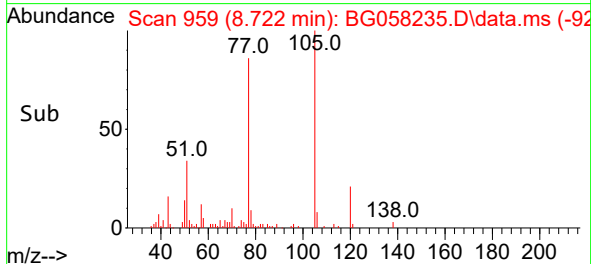
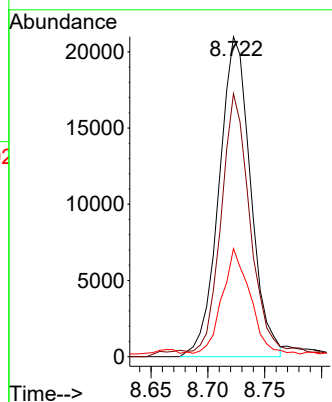
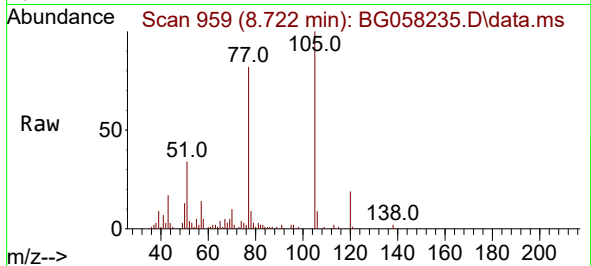




#16
Acetophenone
Concen: 4.716 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

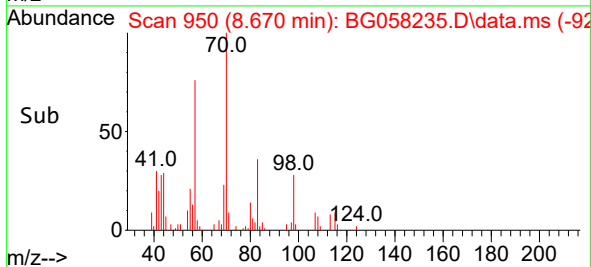
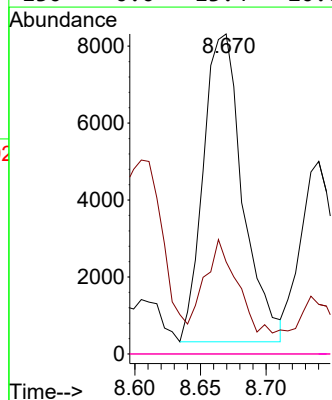
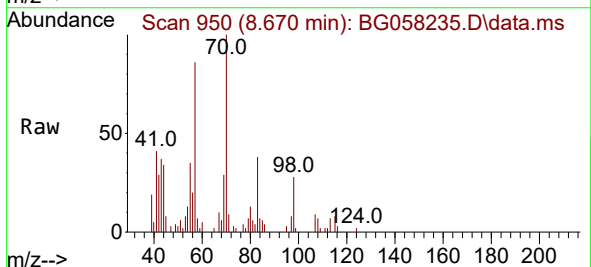
Instrument :
BNA_G
ClientSampleId :
A4644

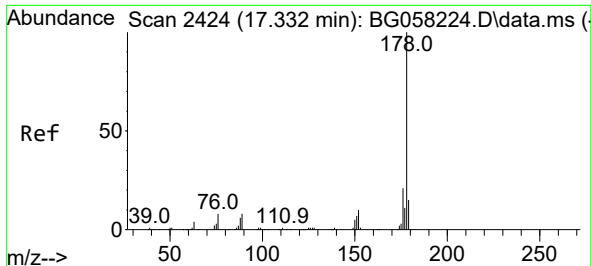
Tgt Ion	Ratio	Lower	Upper
105	100		
77	82.2	61.2	91.8
51	33.8	23.5	35.3



#17
N-Nitroso-di-n-propylamine
Concen: 3.638 ng/ul
RT: 8.670 min Scan# 950
Delta R.T. -0.035 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

Tgt Ion	Ratio	Lower	Upper
70	100		
42	28.8	48.0	72.0#
101	0.0	7.4	11.2#
130	0.0	13.4	20.0#

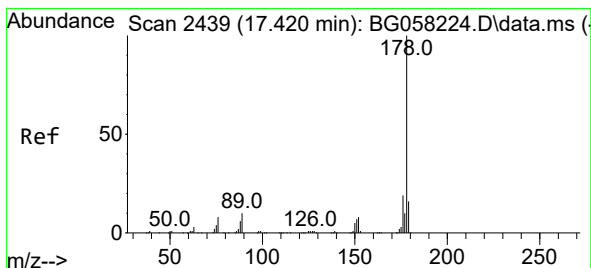
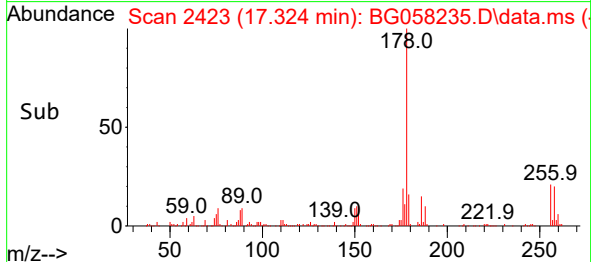
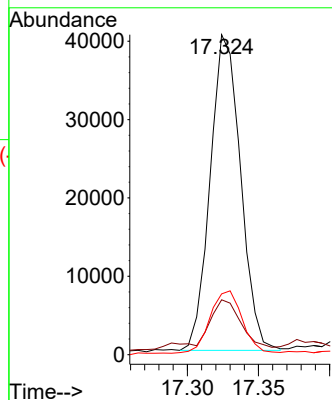
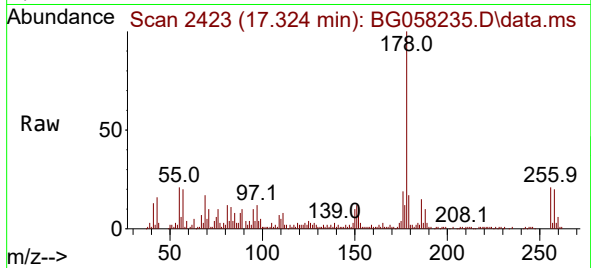




#72
Phenanthrene
Concen: 2.561 ng/ul
RT: 17.324 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

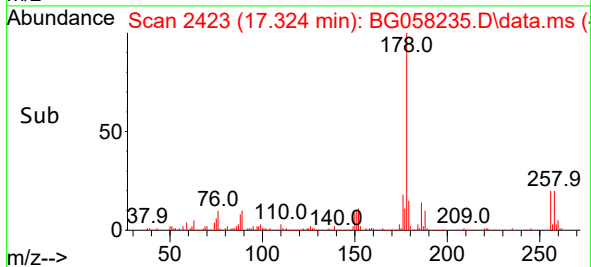
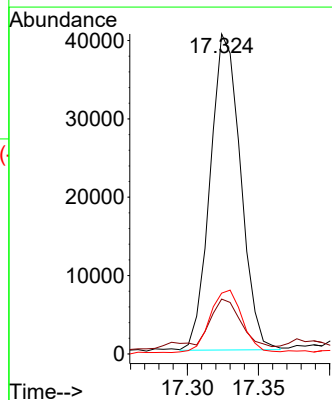
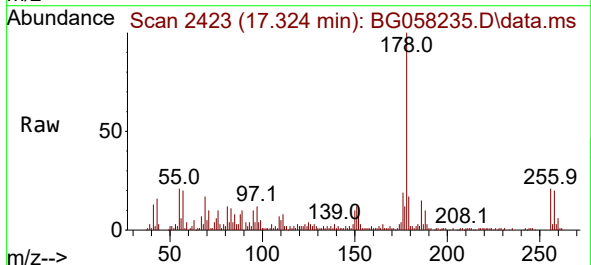
Instrument :
BNA_G
ClientSampleId :
A4644

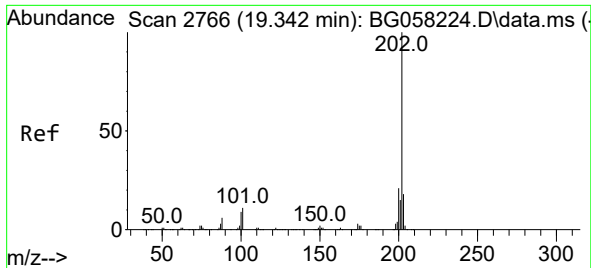
Tgt Ion:178 Resp: 59832
Ion Ratio Lower Upper
178 100
179 17.1 12.8 19.2
176 19.0 15.7 23.5



#74
Anthracene
Concen: 2.538 ng/ul
RT: 17.324 min Scan# 2423
Delta R.T. -0.100 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

Tgt Ion:178 Resp: 60006
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 19.0 15.4 23.2

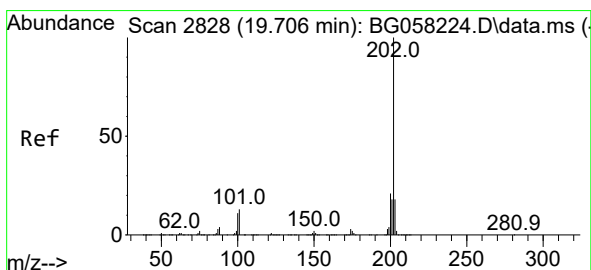
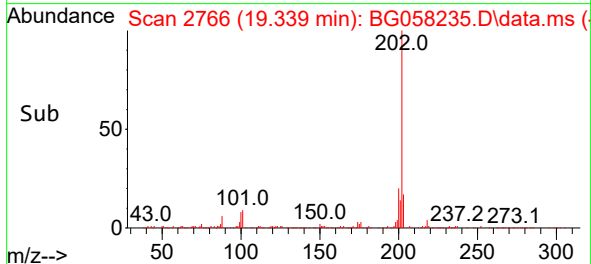
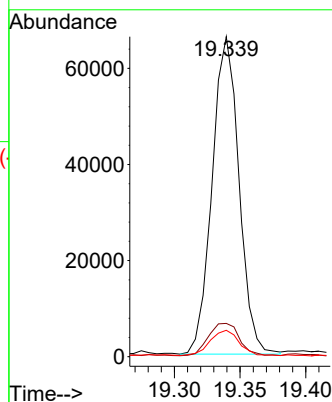
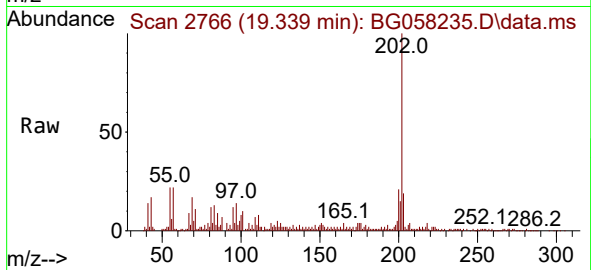




#80
Fluoranthene
Concen: 3.328 ng/ul
RT: 19.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

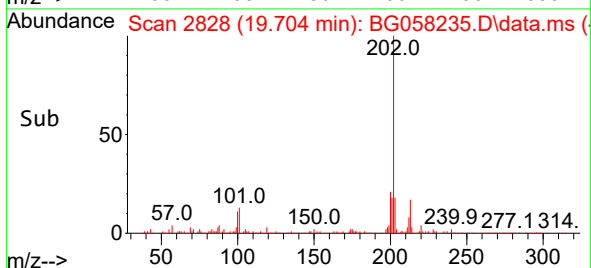
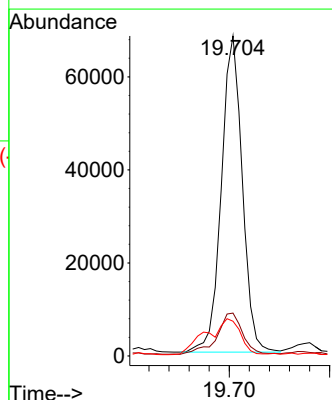
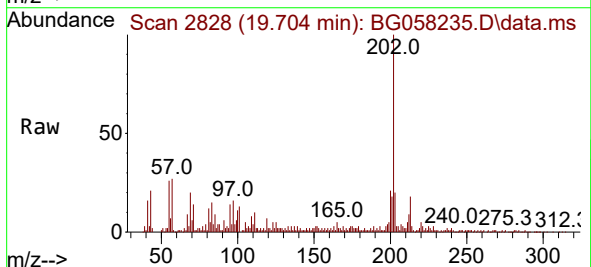
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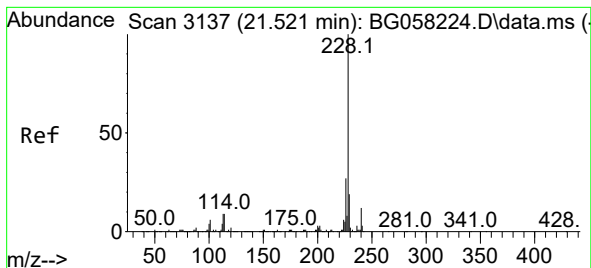
Tgt Ion:202 Resp: 93967
Ion Ratio Lower Upper
202 100
101 10.4 9.1 13.7
100 8.3 7.1 10.7



#82
Pyrene
Concen: 3.459 ng/ul
RT: 19.704 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

Tgt Ion:202 Resp: 98300
Ion Ratio Lower Upper
202 100
101 13.4 10.2 15.2
100 10.8 8.9 13.3





#85

Benzo(a)anthracene

Concen: 1.564 ng/ul

RT: 21.519 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BG058235.D

Acq: 14 Jul 2023 17:47

Instrument :

BNA_G

ClientSampleId :

A4644

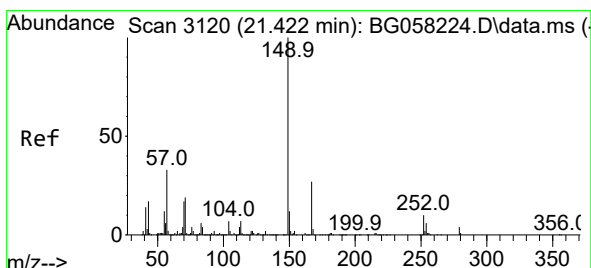
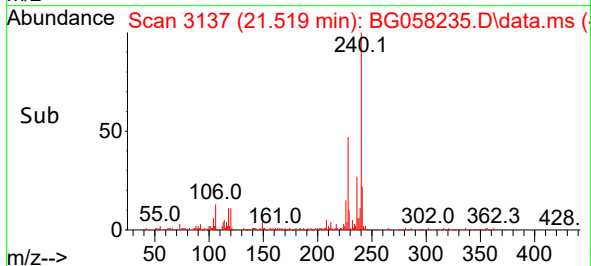
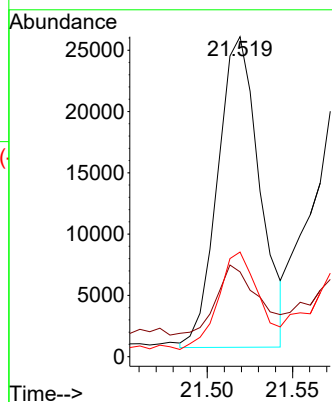
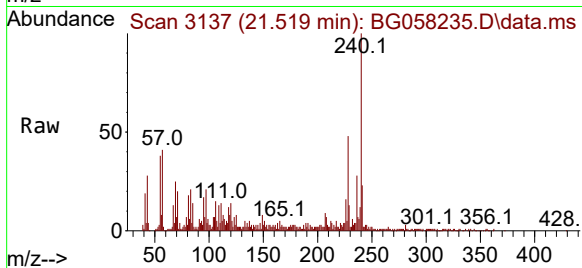
Tgt Ion:228 Resp: 43455

Ion Ratio Lower Upper

228 100

229 26.5 16.0 24.0#

226 32.7 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 6.348 ng/ul

RT: 21.419 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BG058235.D

Acq: 14 Jul 2023 17:47

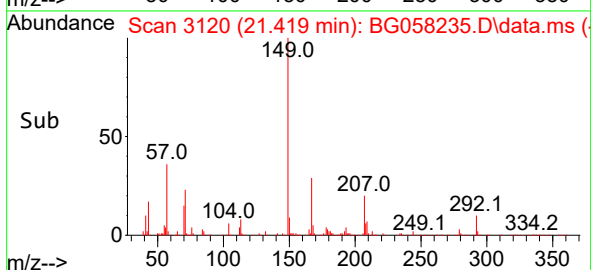
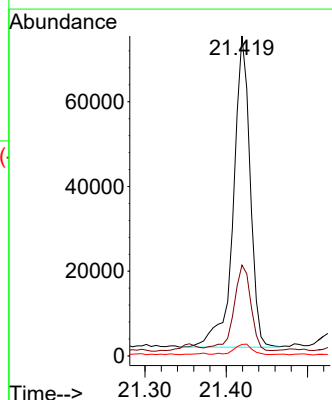
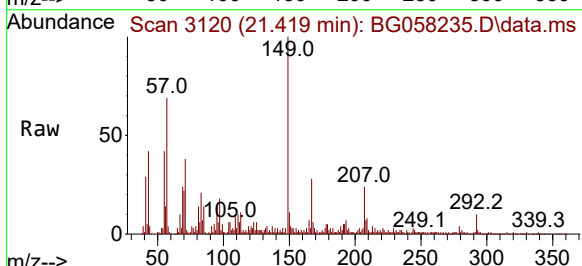
Tgt Ion:149 Resp: 104827

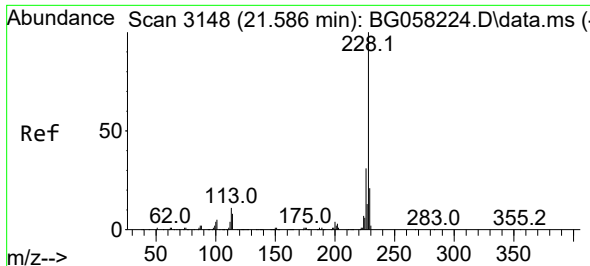
Ion Ratio Lower Upper

149 100

167 28.4 20.9 31.3

279 3.6 3.1 4.7

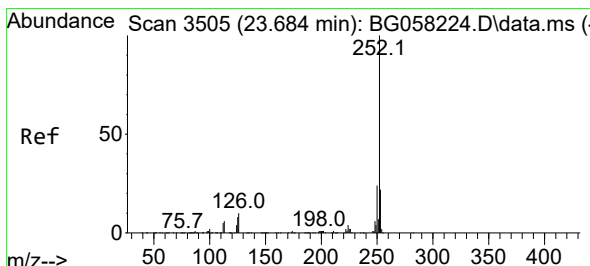
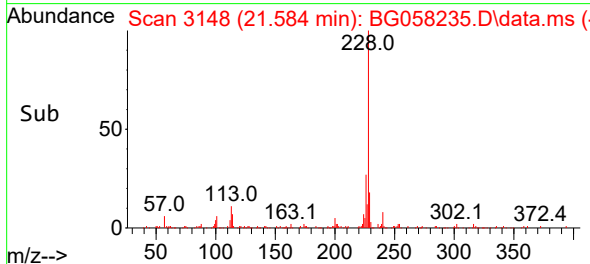
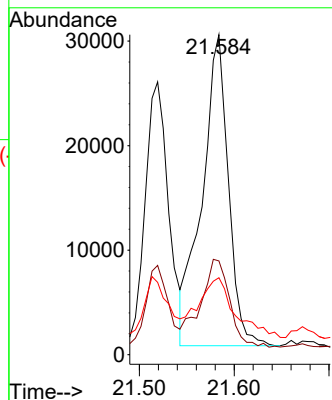
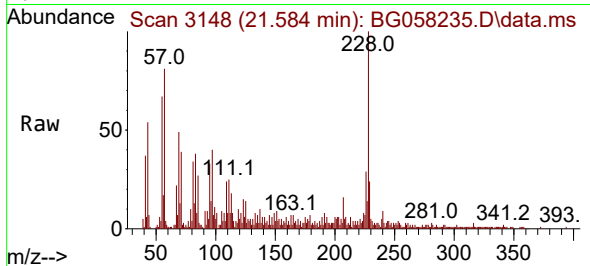




#87
Chrysene
Concen: 2.210 ng/ul
RT: 21.584 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

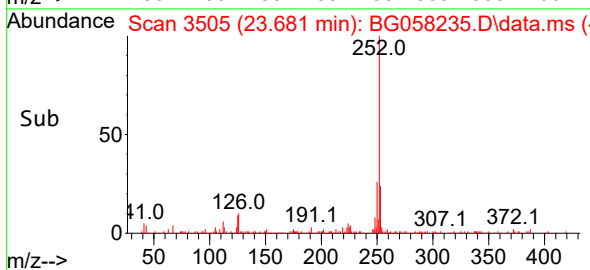
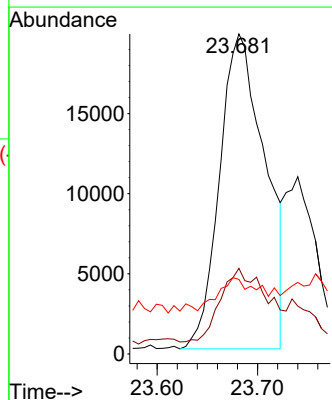
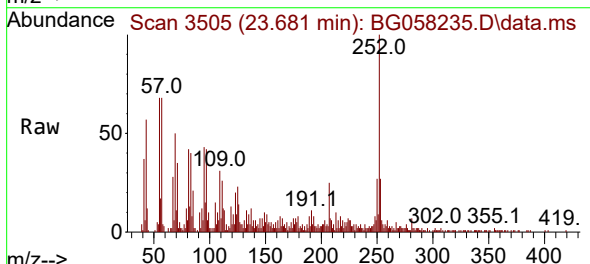
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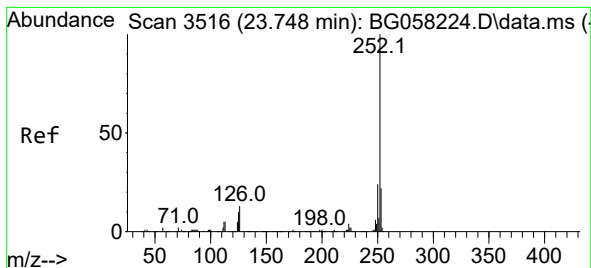
Tgt Ion:228 Resp: 57539
Ion Ratio Lower Upper
228 100
226 29.3 24.4 36.6
229 24.0 15.5 23.3#



#90
Benzo(b)fluoranthene
Concen: 2.077 ng/ul
RT: 23.681 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BG058235.D
Acq: 14 Jul 2023 17:47

Tgt Ion:252 Resp: 61713
Ion Ratio Lower Upper
252 100
253 26.8 18.1 27.1
125 23.3 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 2.119 ng/ul

RT: 23.681 min Scan# 3

Delta R.T. -0.070 min

Lab File: BG058235.D

Acq: 14 Jul 2023 17:47

Instrument :

BNA_G

ClientSampleId :

A4644

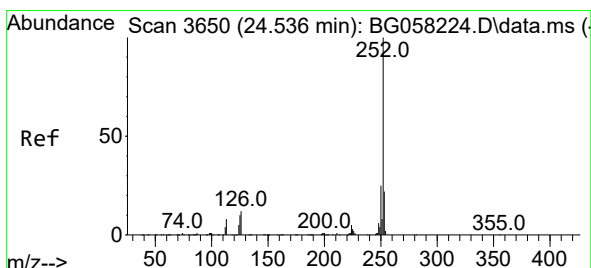
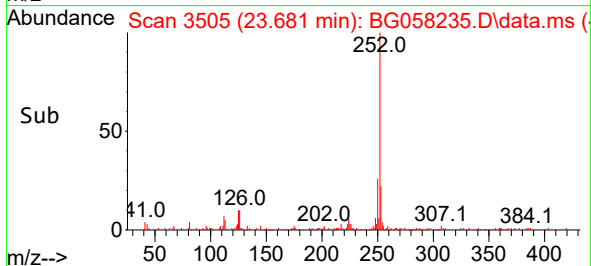
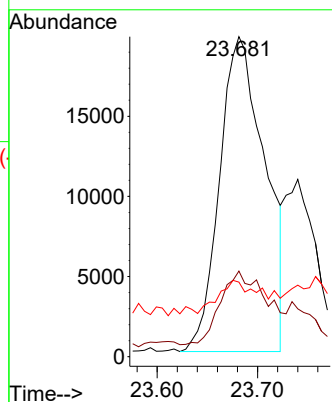
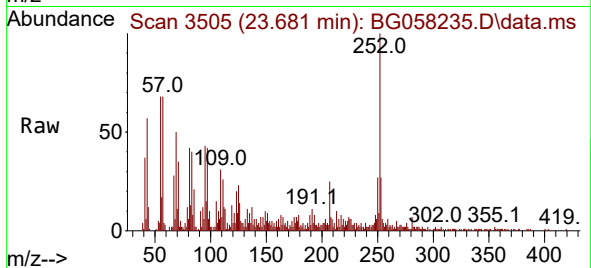
Tgt Ion:252 Resp: 61713

Ion Ratio Lower Upper

252 100

253 26.8 17.7 26.5#

125 23.3 7.4 11.2#



#93

Benzo(a)pyrene

Concen: 1.460 ng/ul

RT: 24.527 min Scan# 3649

Delta R.T. -0.011 min

Lab File: BG058235.D

Acq: 14 Jul 2023 17:47

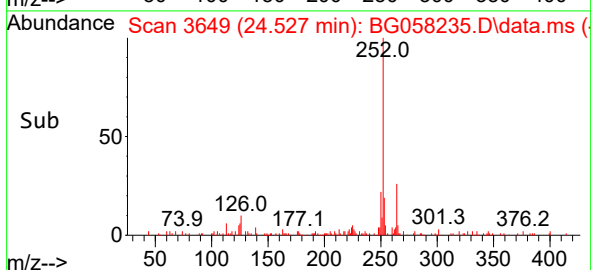
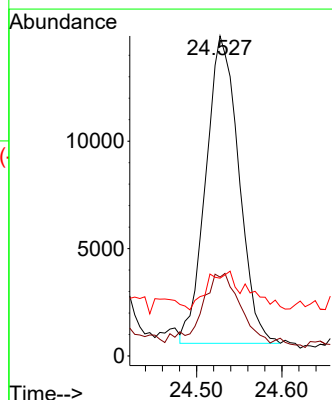
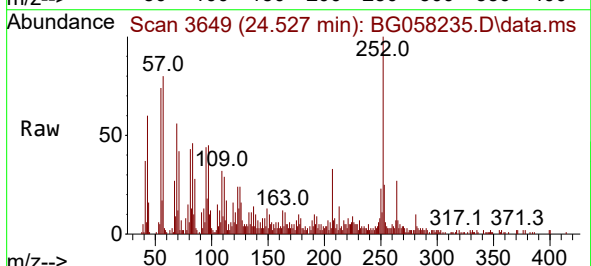
Tgt Ion:252 Resp: 38384

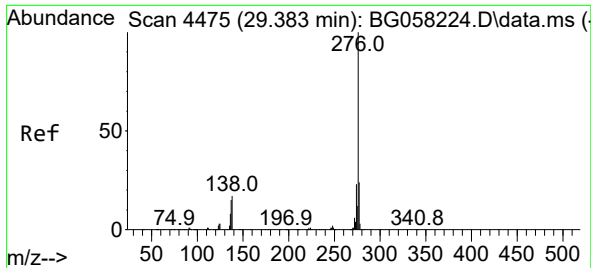
Ion Ratio Lower Upper

252 100

253 24.7 17.8 26.6

125 24.3 8.3 12.5#





#96
 Benzo(g,h,i)perylene
 Concen: 1.194 ng/ul
 RT: 29.369 min Scan# 44
 Delta R.T. -0.023 min
 Lab File: BG058235.D
 Acq: 14 Jul 2023 17:47

Instrument :
 BNA_G
 ClientSampleId :
 A4644

Tgt Ion:	276	Resp:	34042
Ion Ratio	Lower	Upper	
276	100		
138	22.0	14.2	21.2#
277	26.6	18.6	27.8

