

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058450.D
 Acq On : 25 Jul 2023 17:33
 Operator : CG/JU
 Sample : 03534-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4737

Quant Time: Jul 25 23:14:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

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

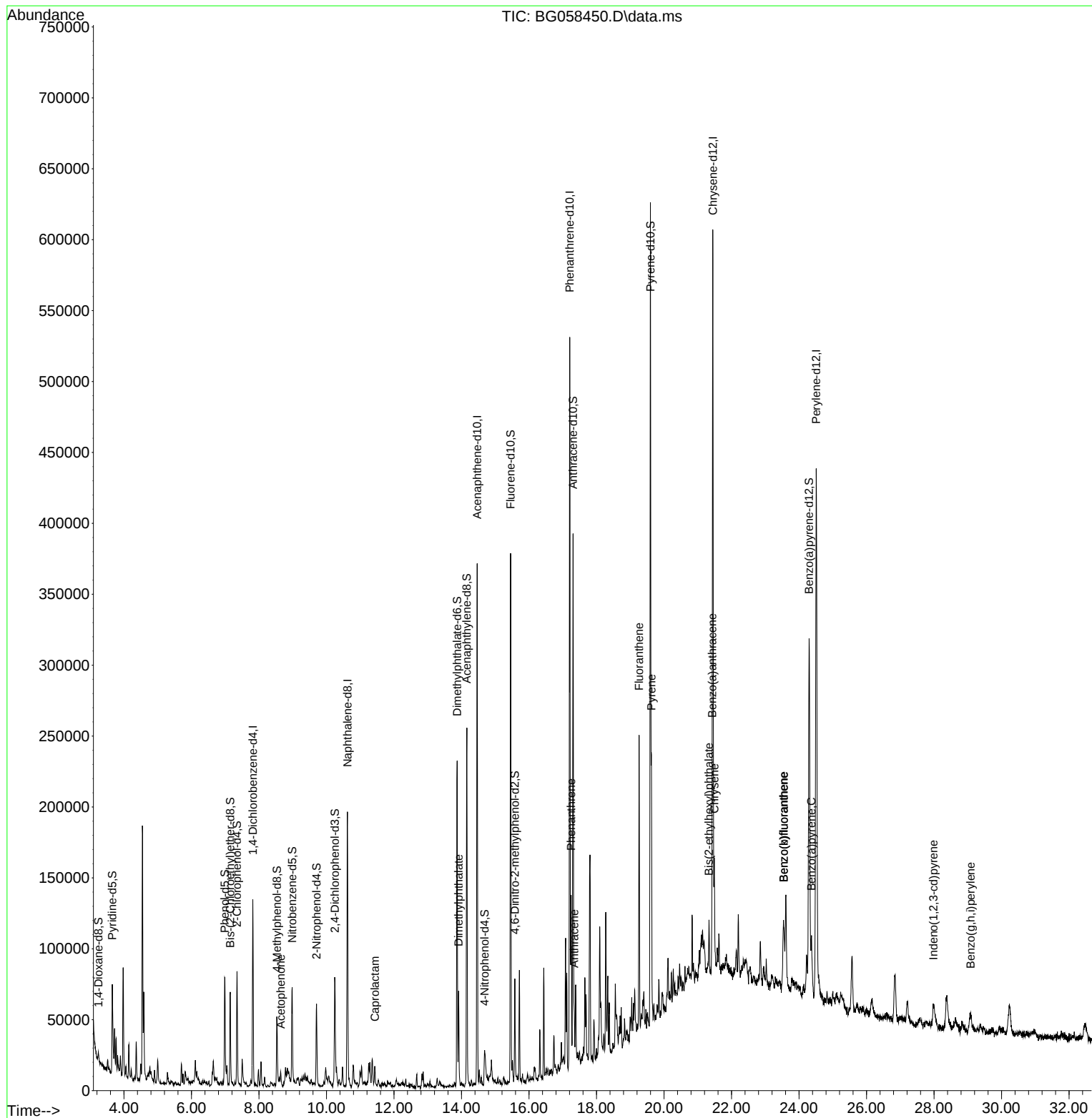
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	36516	20.000	ng/u1	0.00
20) Naphthalene-d8	10.620	136	165078	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	131751	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.206	188	336483	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	293481	20.000	ng/u1	0.00
88) Perylene-d12	24.510	264	356147	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3168	3.193	ng/uL	0.00
4) Pyridine-d5	3.652	84	37431	12.711	ng/u1	0.00
7) Phenol-d5	6.983	99	50444	14.562	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	33263	15.363	ng/u1	0.00
11) 2-Chlorophenol-d4	7.347	132	38396	15.835	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	21487	8.132	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	17210	13.909	ng/u1	0.00
24) 2-Nitrophenol-d4	9.703	143	19575	14.491	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	36192	13.976	ng/u1	0.00
31) 4-Chloroaniline-d4	10.779	131	2184	0.582	ng/u1	0.02
46) Dimethylphthalate-d6	13.869	166	162890	16.033	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	178367	16.753	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	10845	7.068	ng/u1	0.00
60) Fluorene-d10	15.456	176	154048	18.314	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	16906	9.862	ng/u1	0.00
73) Anthracene-d10	17.306	188	229939	15.815	ng/u1	0.00
81) Pyrene-d10	19.598	212	316622	18.266	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.298	264	271377	15.765	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.646	105	5333	1.185	ng/u1#	90
34) Caprolactam	11.431	113	2587	2.534	ng/u1#	17
47) Dimethylphthalate	13.916	163	44938	4.404	ng/u1	98
72) Phenanthrene	17.248	178	67156	4.200	ng/u1	99
74) Anthracene	17.342	178	18379	1.145	ng/u1	96
80) Fluoranthene	19.263	202	121843	6.136	ng/u1	99
82) Pyrene	19.627	202	114562	5.694	ng/u1	99
85) Benzo(a)anthracene	21.425	228	52312	2.652	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.331	149	12407	1.101	ng/u1#	98
87) Chrysene	21.490	228	51580	2.757	ng/u1	94
90) Benzo(b)fluoranthene	23.546	252	58950	2.861	ng/u1#	96
91) Benzo(k)fluoranthene	23.546	252	58950	2.868	ng/u1#	97
93) Benzo(a)pyrene	24.369	252	38648	2.109	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	27.982	276	28534	1.182	ng/u1	93
96) Benzo(g,h,i)perylene	29.087	276	21709	1.103	ng/u1	96

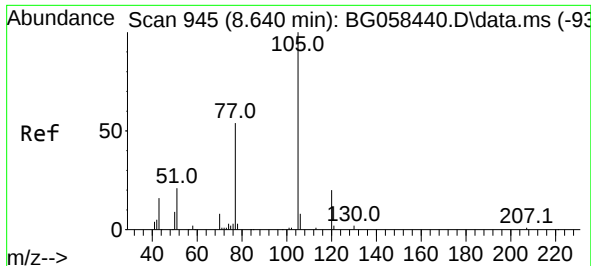
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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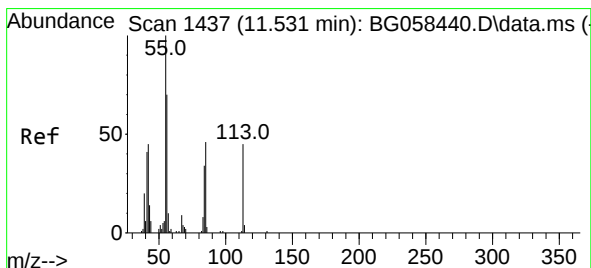
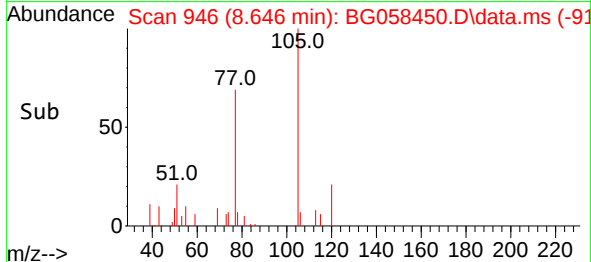
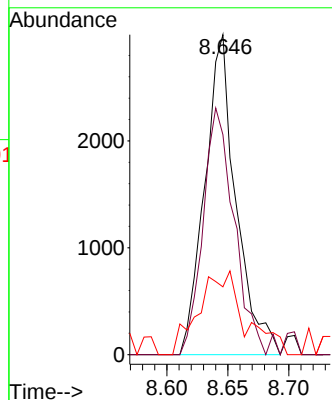
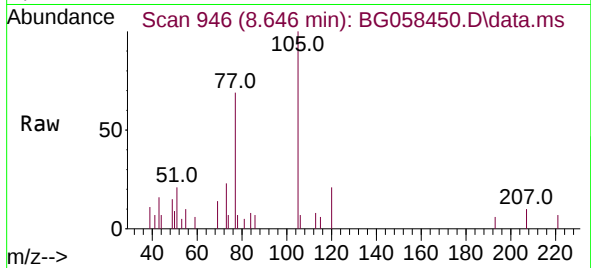




#16
Acetophenone
Concen: 1.185 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. 0.005 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

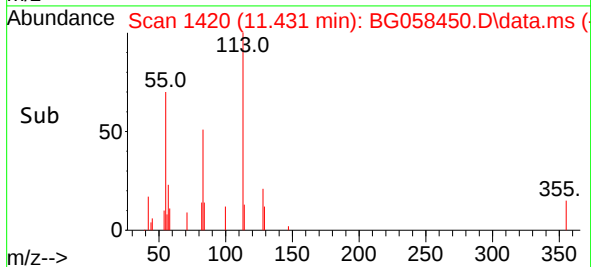
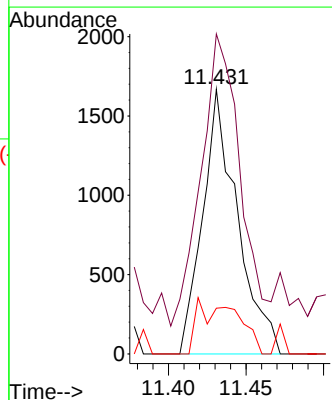
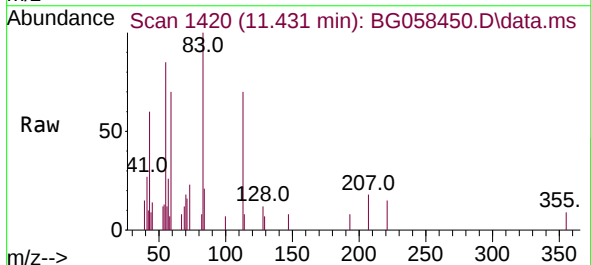
Instrument :
BNA_G
ClientSampleId :
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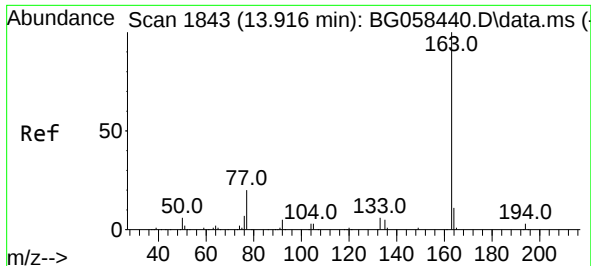
Tgt Ion:105 Resp: 5333
Ion Ratio Lower Upper
105 100
77 68.8 60.7 91.1
51 21.2 23.5 35.3#



#34
Caprolactam
Concen: 2.534 ng/ul
RT: 11.431 min Scan# 1420
Delta R.T. -0.136 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

Tgt Ion:113 Resp: 2587
Ion Ratio Lower Upper
113 100
55 120.9 179.8 269.6#
56 17.3 132.2 198.4#

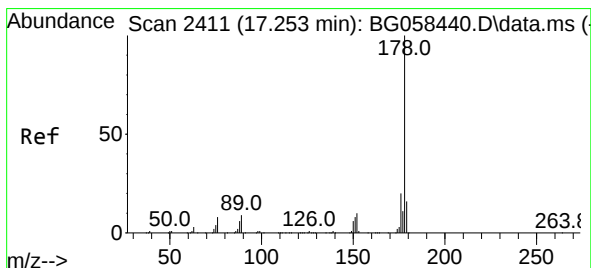
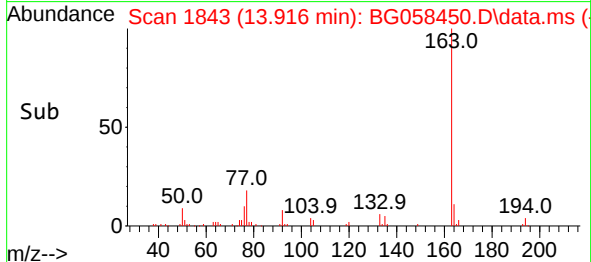
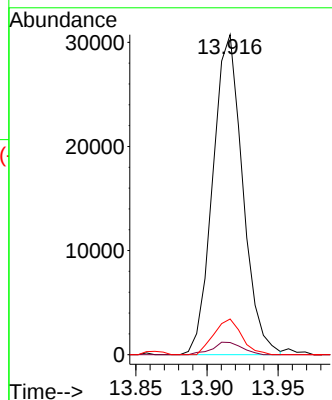
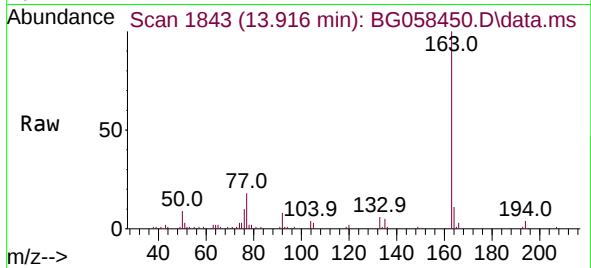




#47
Dimethylphthalate
Concen: 4.404 ng/ul
RT: 13.916 min Scan# 1843
Delta R.T. -0.001 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

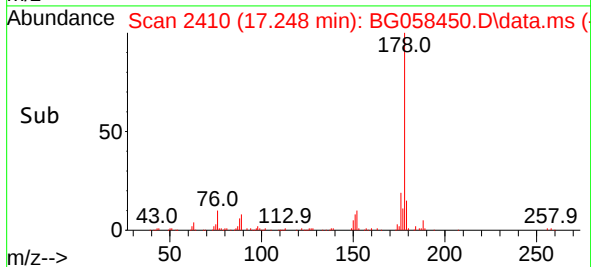
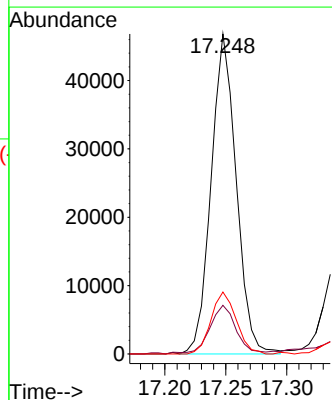
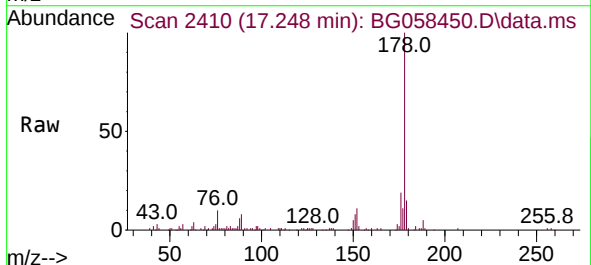
Instrument :
BNA_G
ClientSampleId :
A4737

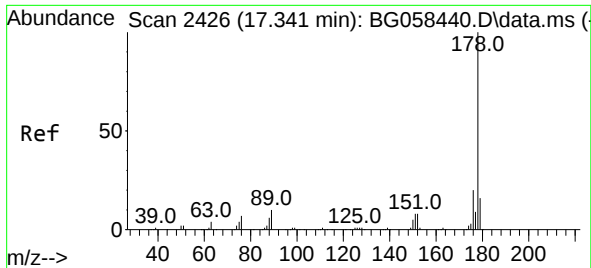
Tgt Ion:163 Resp: 44938
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 11.1 8.2 12.2



#72
Phenanthrene
Concen: 4.200 ng/ul
RT: 17.248 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

Tgt Ion:178 Resp: 67156
Ion Ratio Lower Upper
178 100
179 15.2 11.9 17.9
176 19.3 15.8 23.8

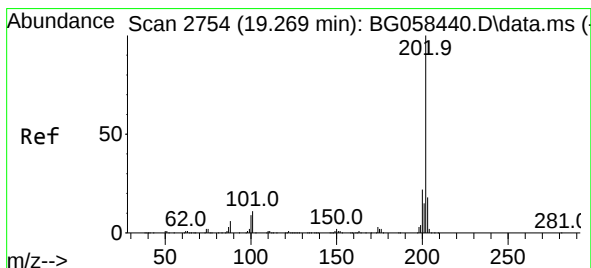
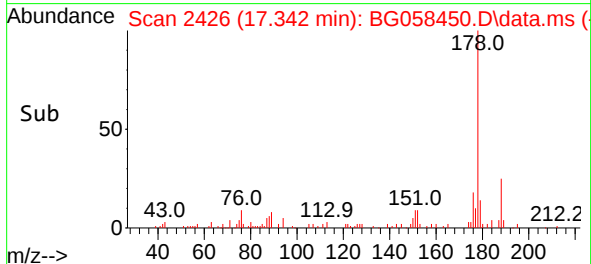
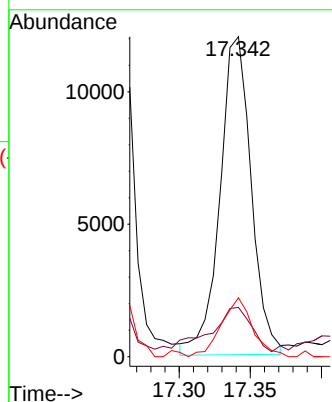
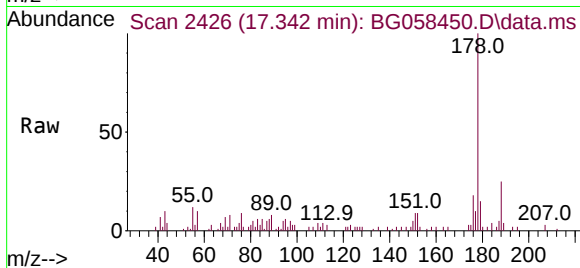




#74
 Anthracene
 Concen: 1.145 ng/ul
 RT: 17.342 min Scan# 2426
 Delta R.T. -0.001 min
 Lab File: BG058450.D
 Acq: 25 Jul 2023 17:33

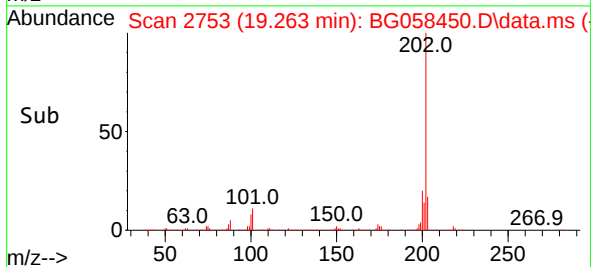
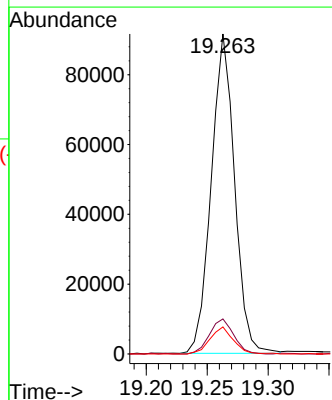
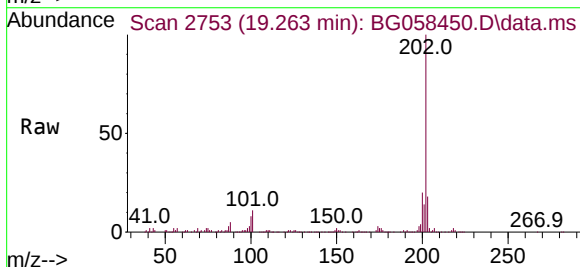
Instrument :
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 ClientSampleId :
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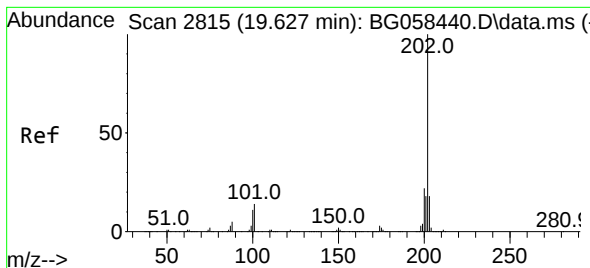
Tgt Ion:178 Resp: 18379
 Ion Ratio Lower Upper
 178 100
 179 15.4 13.4 20.2
 176 18.4 16.2 24.2



#80
 Fluoranthene
 Concen: 6.136 ng/ul
 RT: 19.263 min Scan# 2753
 Delta R.T. -0.006 min
 Lab File: BG058450.D
 Acq: 25 Jul 2023 17:33

Tgt Ion:202 Resp: 121843
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.6 12.8
 100 8.4 7.2 10.8





#82

Pyrene

Concen: 5.694 ng/ul

RT: 19.627 min Scan# 2815

Delta R.T. -0.001 min

Lab File: BG058450.D

Acq: 25 Jul 2023 17:33

Instrument :

BNA_G

ClientSampleId :

A4737

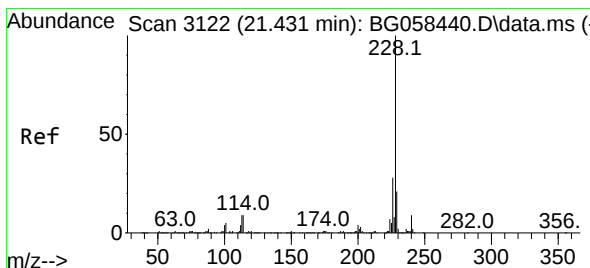
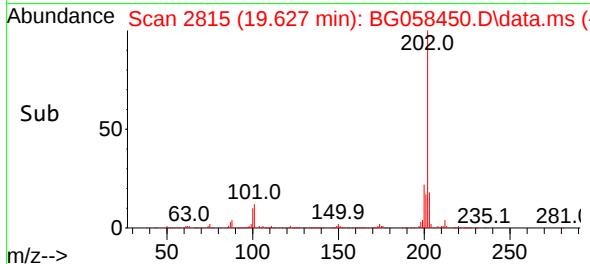
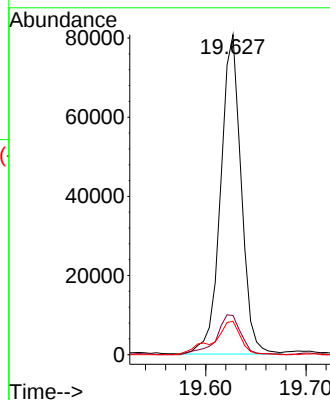
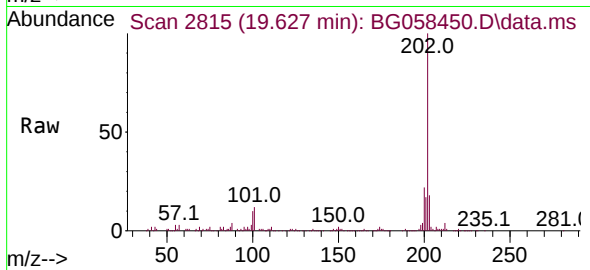
Tgt Ion:202 Resp: 114562

Ion Ratio Lower Upper

202 100

101 12.3 10.2 15.2

100 10.4 8.9 13.3



#85

Benzo(a)anthracene

Concen: 2.652 ng/ul

RT: 21.425 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BG058450.D

Acq: 25 Jul 2023 17:33

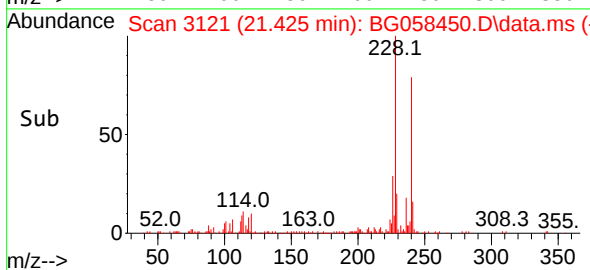
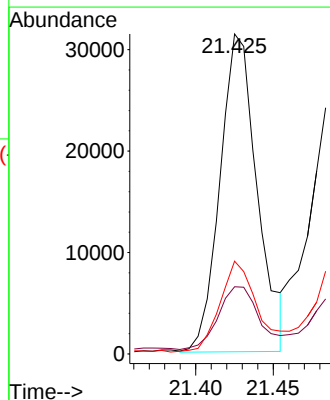
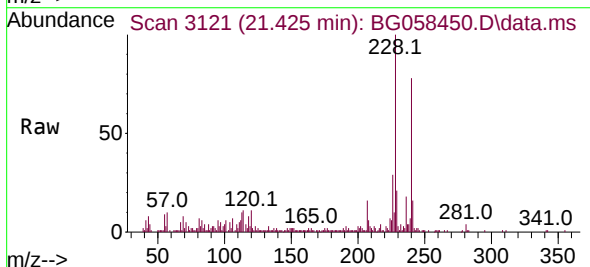
Tgt Ion:228 Resp: 52312

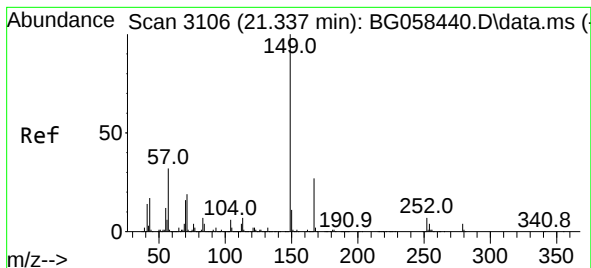
Ion Ratio Lower Upper

228 100

229 21.0 15.7 23.5

226 29.0 21.8 32.8

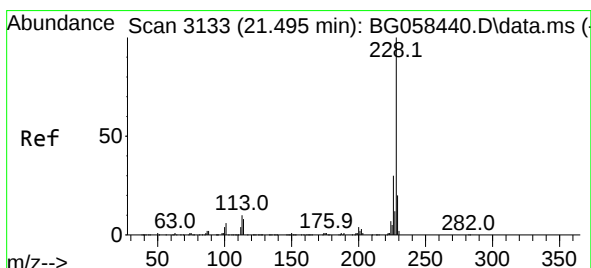
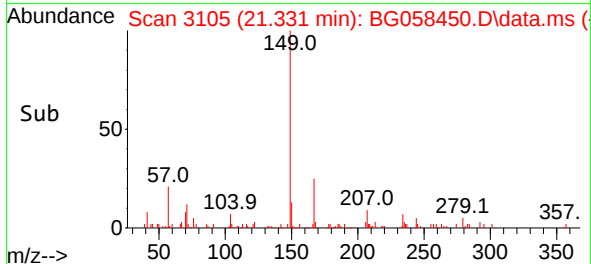
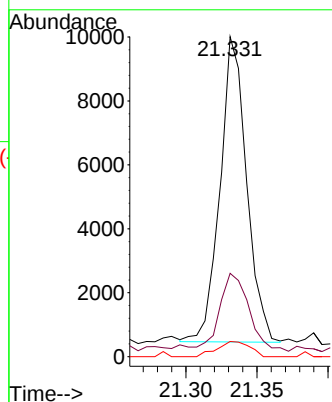
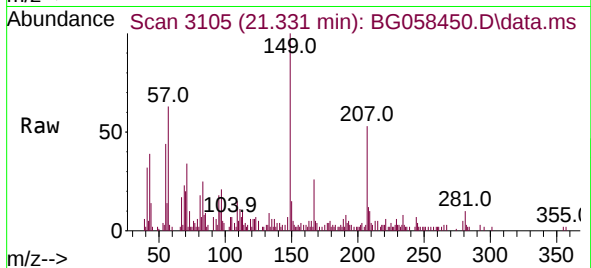




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.101 ng/ul
 RT: 21.331 min Scan# 3105
 Delta R.T. -0.006 min
 Lab File: BG058450.D
 Acq: 25 Jul 2023 17:33

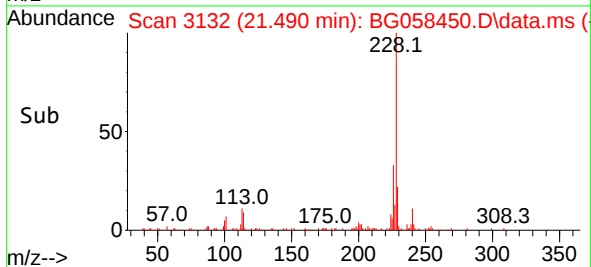
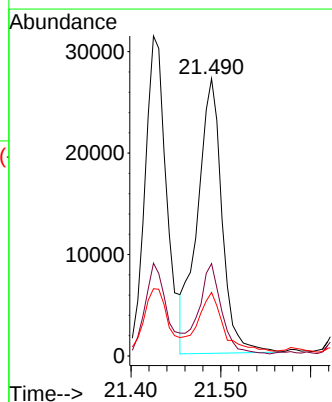
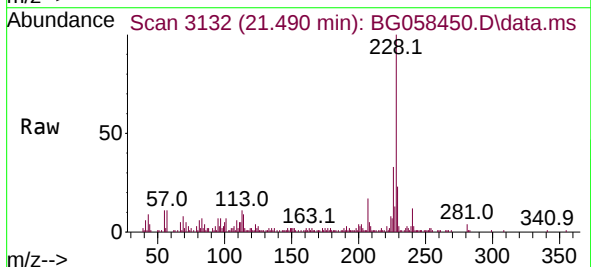
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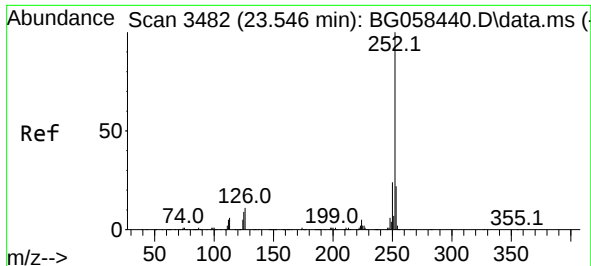
Tgt Ion:149 Resp: 12407
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.6 32.4
 279 4.7 3.0 4.4#



#87
 Chrysene
 Concen: 2.757 ng/ul
 RT: 21.490 min Scan# 3132
 Delta R.T. -0.006 min
 Lab File: BG058450.D
 Acq: 25 Jul 2023 17:33

Tgt Ion:228 Resp: 51580
 Ion Ratio Lower Upper
 228 100
 226 33.3 24.0 36.0
 229 22.9 15.8 23.8

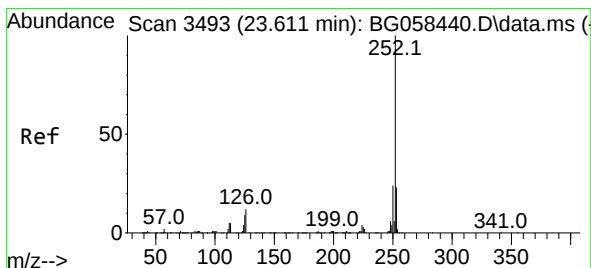
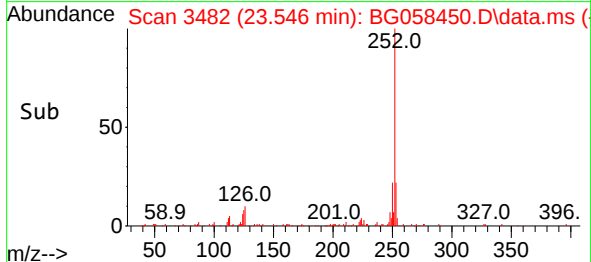
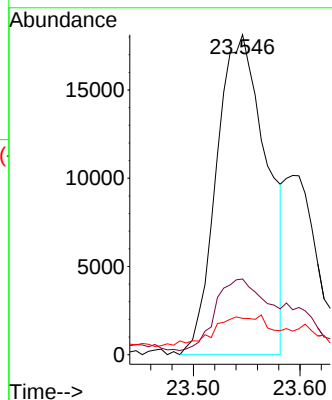
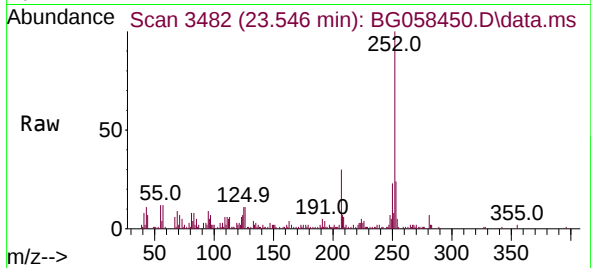




#90
Benzo(b)fluoranthene
Concen: 2.861 ng/ul
RT: 23.546 min Scan# 3482
Delta R.T. -0.001 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

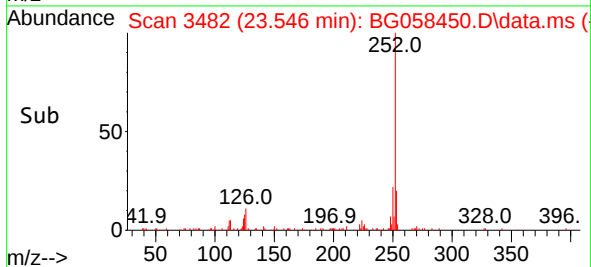
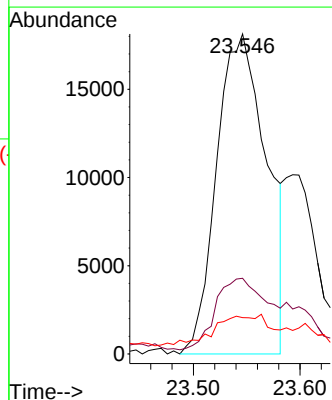
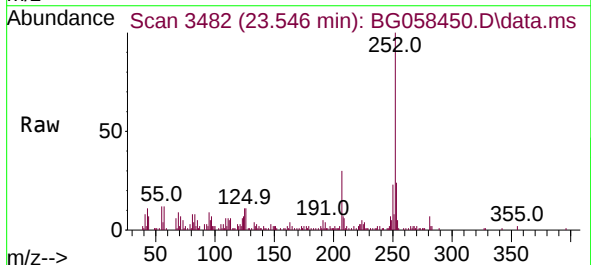
Instrument :
BNA_G
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A4737

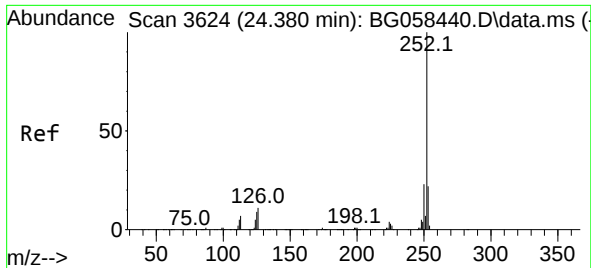
Tgt Ion:252 Resp: 58950
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 11.4 6.7 10.1#



#91
Benzo(k)fluoranthene
Concen: 2.868 ng/ul
RT: 23.546 min Scan# 3482
Delta R.T. -0.065 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

Tgt Ion:252 Resp: 58950
Ion Ratio Lower Upper
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253 23.7 18.3 27.5
125 11.4 7.4 11.0#

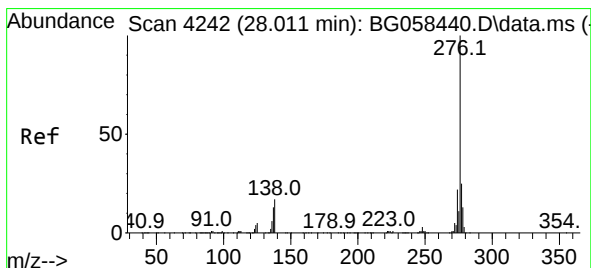
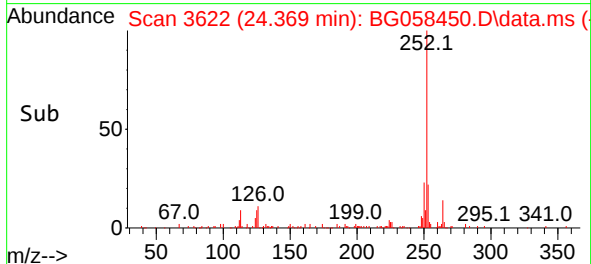
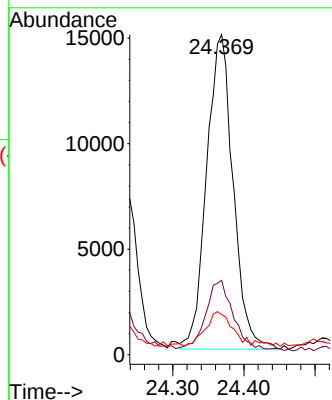
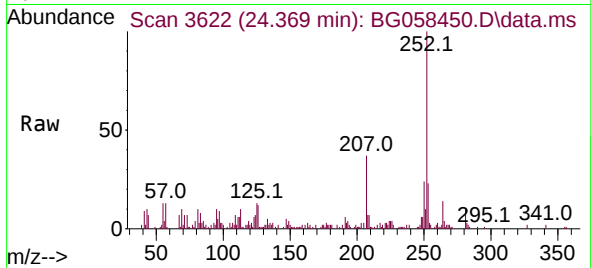




#93
Benzo(a)pyrene
Concen: 2.109 ng/ul
RT: 24.369 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

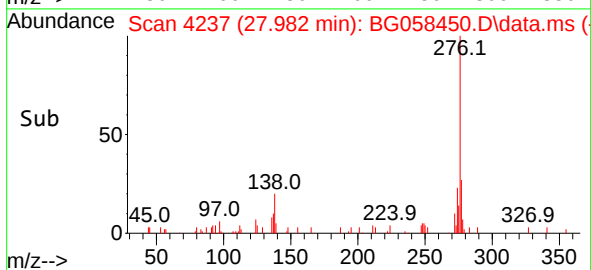
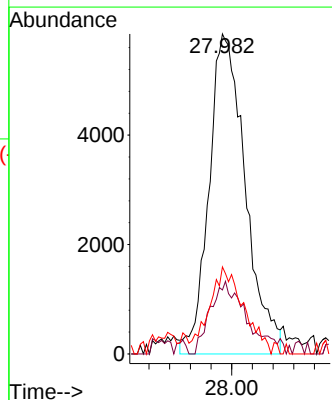
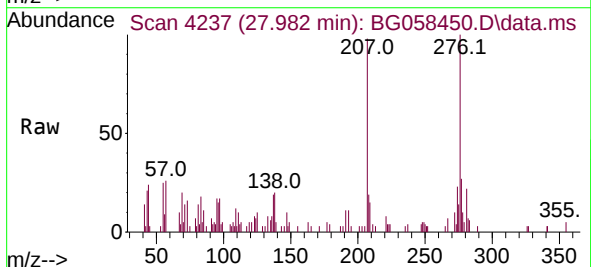
Instrument :
BNA_G
ClientSampleId :
A4737

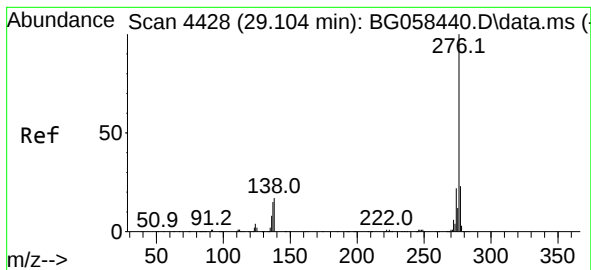
Tgt Ion:252 Resp: 38648
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 12.5 7.7 11.5#



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.182 ng/ul
RT: 27.982 min Scan# 4237
Delta R.T. -0.030 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

Tgt Ion:276 Resp: 28534
Ion Ratio Lower Upper
276 100
138 20.0 13.8 20.6
277 27.2 19.2 28.8





#96

Benzo(g,h,i)perylene

Concen: 1.103 ng/ul

RT: 29.087 min Scan# 44

Delta R.T. -0.024 min

Lab File: BG058450.D

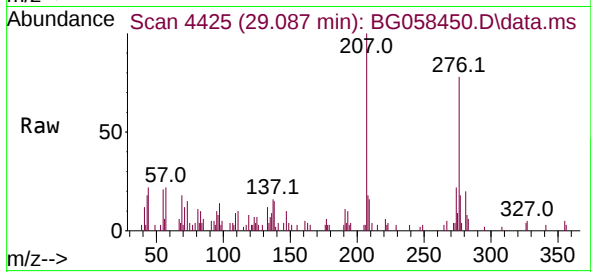
Acq: 25 Jul 2023 17:33

Instrument :

BNA_G

ClientSampleId :

A4737



Tgt Ion:276 Resp: 21709

Ion Ratio Lower Upper

276 100

138 19.1 13.5 20.3

277 22.6 19.4 29.2

