

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058366.D
 Acq On : 20 Jul 2023 19:42
 Operator : CG/JU
 Sample : 03501-12DL 2X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 20 23:29:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

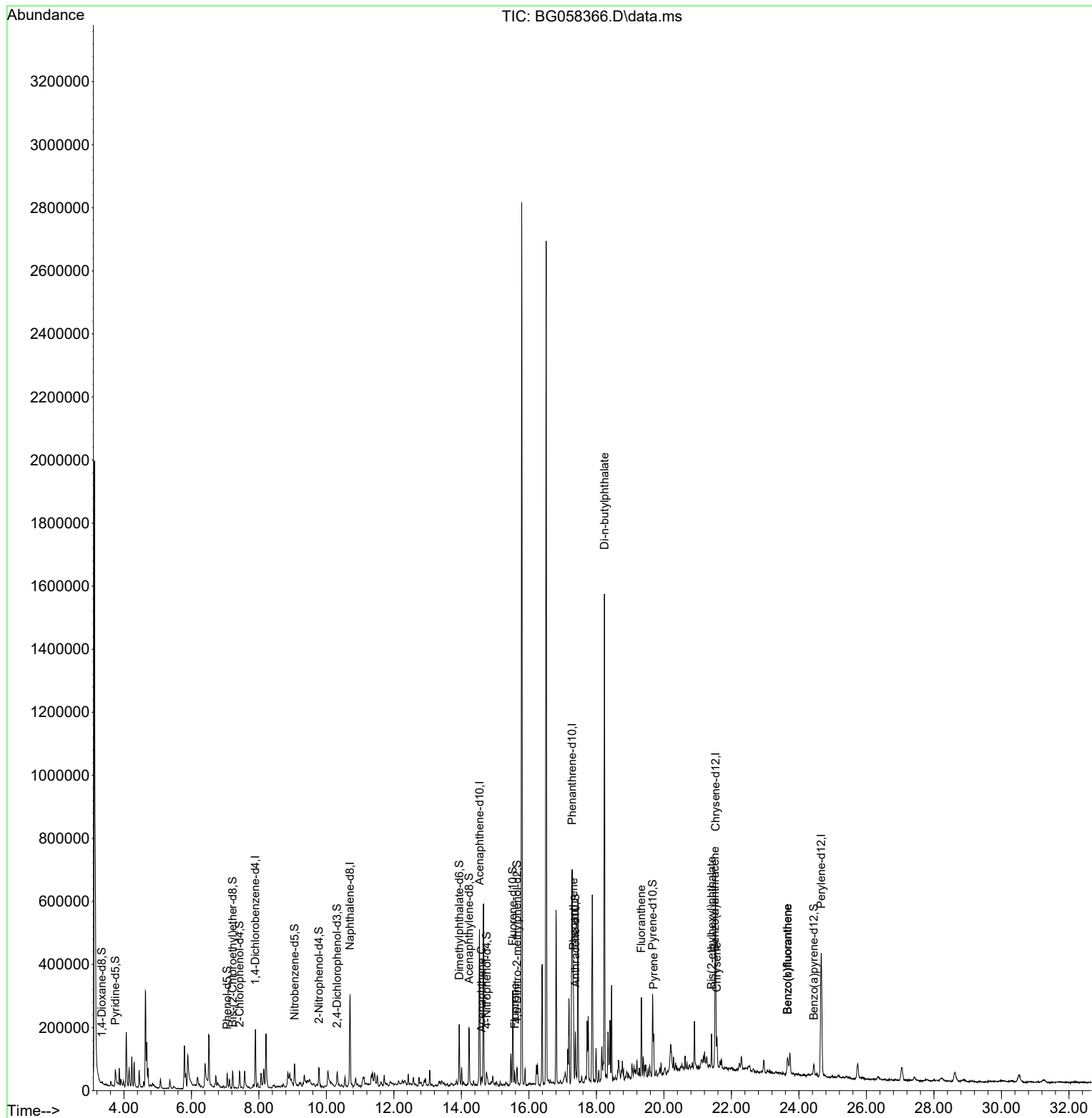
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	52813	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	244257	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.536	164	179259	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.279	188	422943	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	340644	20.000	ng/u1	0.00
88) Perylene-d12	24.659	264	391715	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1868	1.302	ng/uL	0.00
4) Pyridine-d5	3.748	84	26103	6.129	ng/u1	0.00
7) Phenol-d5	7.062	99	27930	5.575	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	28601	9.134	ng/u1	0.00
11) 2-Chlorophenol-d4	7.426	132	24499	6.986	ng/u1	0.00
15) 4-Methylphenol-d8	8.613	113	1357	0.355	ng/u1	0.00
21) Nitrobenzene-d5	9.060	128	16492	9.008	ng/u1	0.00
24) 2-Nitrophenol-d4	9.776	143	19153	9.582	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	18257	4.765	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	346	0.062	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	126270	9.135	ng/u1	0.00
49) Acenaphthylene-d8	14.224	160	127288	8.787	ng/u1	0.00
54) 4-Nitrophenol-d4	14.747	143	11514	5.515	ng/u1	0.00
60) Fluorene-d10	15.523	176	122309	10.687	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	13202	6.127	ng/u1	0.00
73) Anthracene-d10	17.373	188	95853	5.245	ng/u1	0.00
81) Pyrene-d10	19.665	212	116615	5.796	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.442	264	35324	1.866	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.594	153	11739	1.081	ng/u1	95
61) Fluorene	15.581	166	15958	1.259	ng/u1	92
72) Phenanthrene	17.321	178	158748	7.898	ng/u1	99
78) Di-n-butylphthalate	18.237	149	1155189	51.975	ng/u1	98
80) Fluoranthene	19.330	202	158189	6.863	ng/u1	98
82) Pyrene	19.694	202	83000	3.554	ng/u1	99
85) Benzo(a)anthracene	21.510	228	60938	2.661	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	29149	2.228	ng/u1	100
87) Chrysene	21.569	228	60768	2.798	ng/u1	98
90) Benzo(b)fluoranthene	23.666	252	64782	2.858	ng/u1	98
91) Benzo(k)fluoranthene	23.666	252	64782	2.866	ng/u1	97

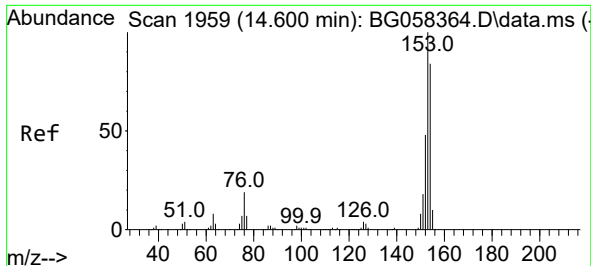
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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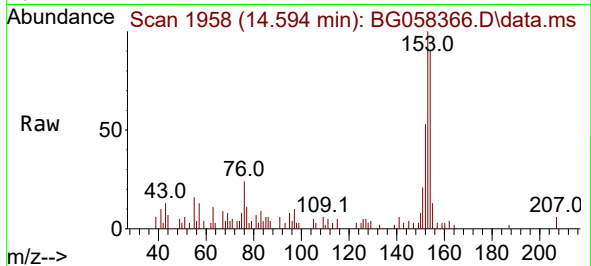
Quant Time: Jul 20 23:29:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
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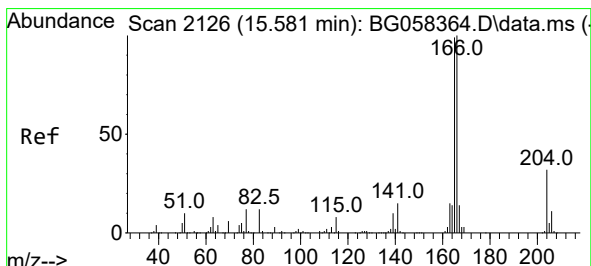
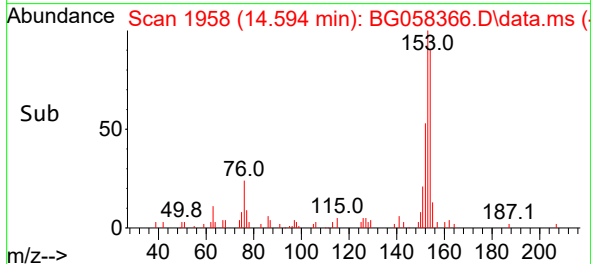
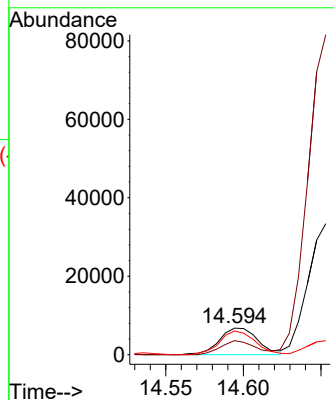


#52
Acenaphthene
Concen: 1.081 ng/ul
RT: 14.594 min Scan# 1959
Delta R.T. -0.008 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

Instrument :
BNA_N
ClientSampleId :

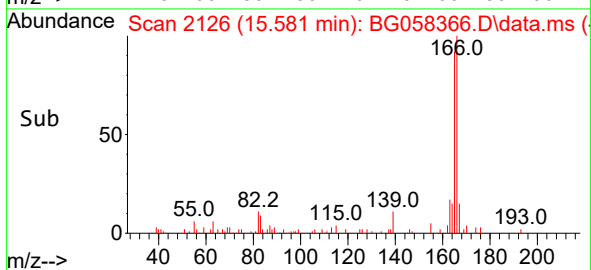
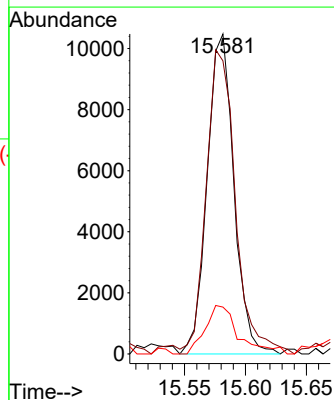
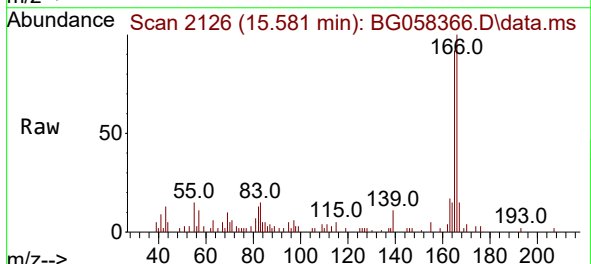


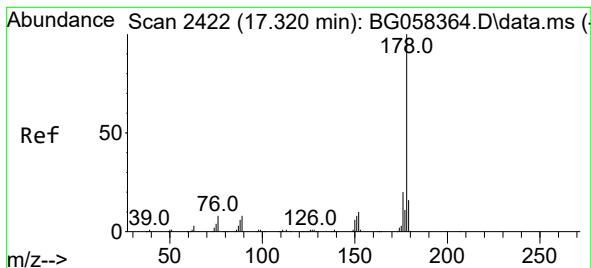
Tgt Ion:153 Resp: 11739
Ion Ratio Lower Upper
153 100
152 52.9 39.1 58.7
154 89.6 68.7 103.1



#61
Fluorene
Concen: 1.259 ng/ul
RT: 15.581 min Scan# 2126
Delta R.T. -0.002 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

Tgt Ion:166 Resp: 15958
Ion Ratio Lower Upper
166 100
165 91.6 80.2 120.2
167 14.7 10.5 15.7





#72

Phenanthrene

Concen: 7.898 ng/ul

RT: 17.321 min Scan# 2422

Delta R.T. -0.002 min

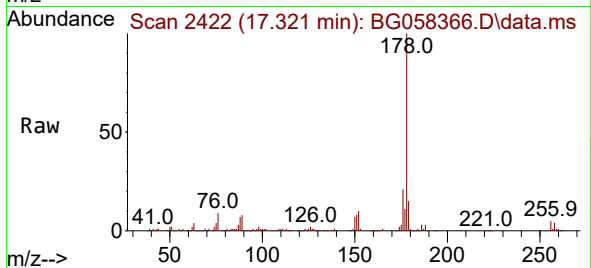
Lab File: BG058366.D

Acq: 20 Jul 2023 19:42

Instrument :

BNA_N

ClientSampleId :



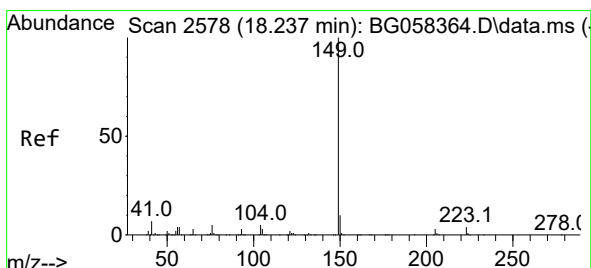
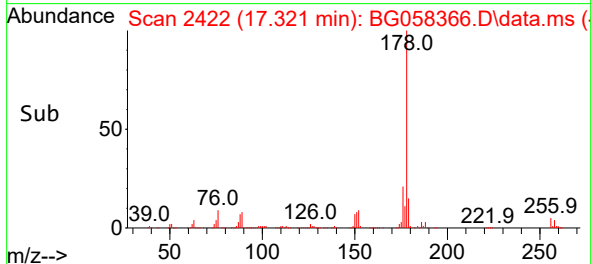
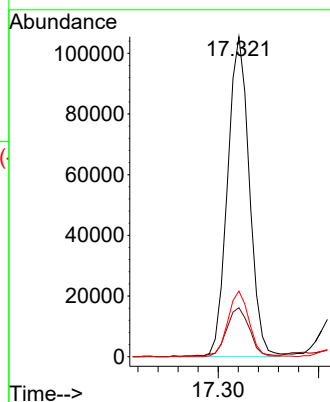
Tgt Ion:178 Resp: 158748

Ion Ratio Lower Upper

178 100

179 15.3 11.9 17.9

176 20.5 15.8 23.8



#78

Di-n-butylphthalate

Concen: 51.975 ng/ul

RT: 18.237 min Scan# 2578

Delta R.T. -0.002 min

Lab File: BG058366.D

Acq: 20 Jul 2023 19:42

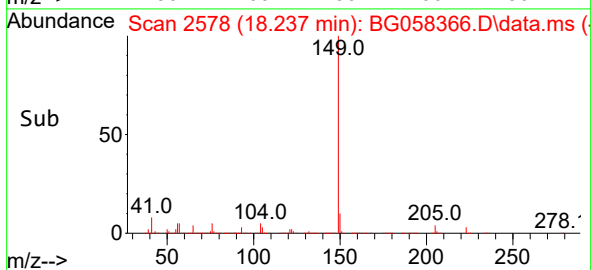
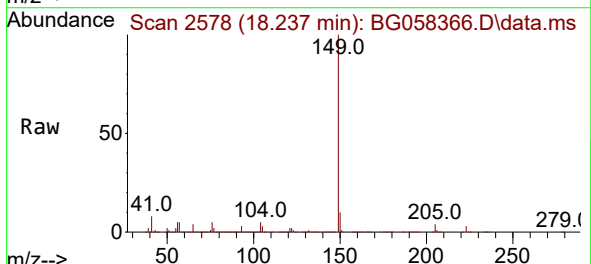
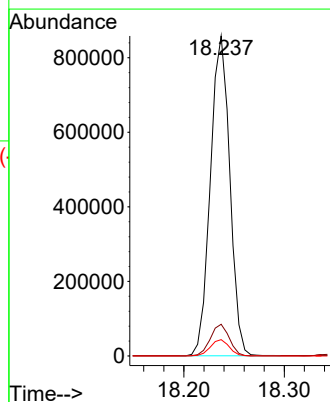
Tgt Ion:149 Resp: 1155189

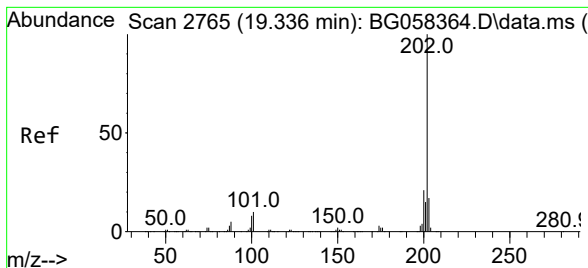
Ion Ratio Lower Upper

149 100

150 9.9 7.2 10.8

104 5.1 3.9 5.9

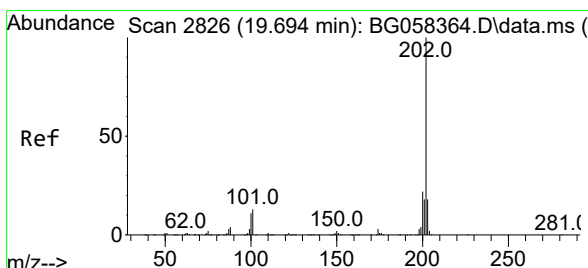
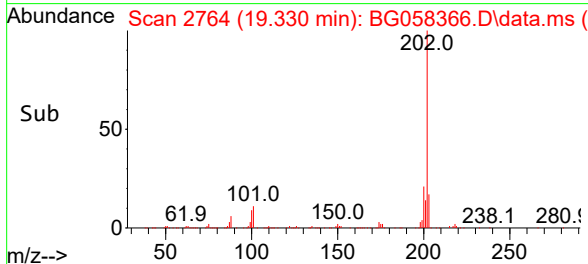
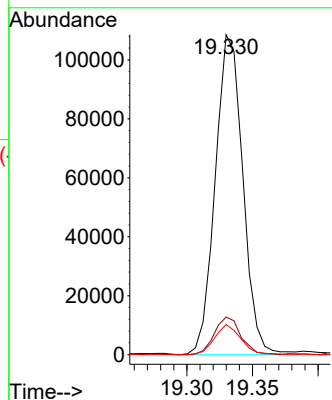
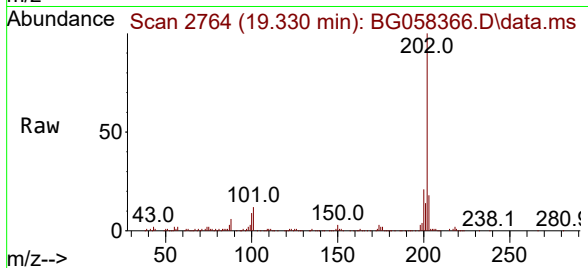




#80
Fluoranthene
Concen: 6.863 ng/ul
RT: 19.330 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

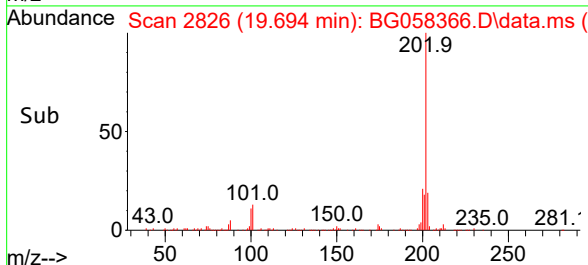
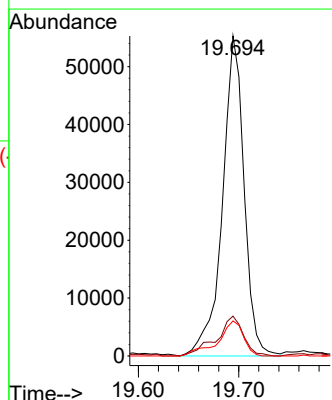
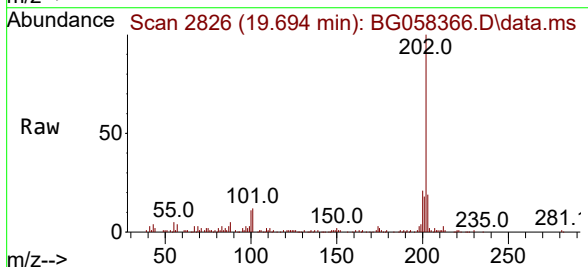
Instrument :
BNA_N
ClientSampleId :

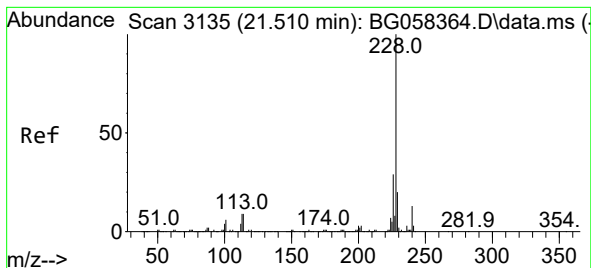
Tgt Ion:202 Resp: 158189
Ion Ratio Lower Upper
202 100
101 11.8 8.6 12.8
100 9.4 7.2 10.8



#82
Pyrene
Concen: 3.554 ng/ul
RT: 19.694 min Scan# 2826
Delta R.T. -0.002 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

Tgt Ion:202 Resp: 83000
Ion Ratio Lower Upper
202 100
101 12.4 10.2 15.2
100 10.9 8.9 13.3





#85

Benzo(a)anthracene

Concen: 2.661 ng/ul

RT: 21.510 min Scan# 3135

Delta R.T. -0.002 min

Lab File: BG058366.D

Acq: 20 Jul 2023 19:42

Instrument :

BNA_N

ClientSampleId :

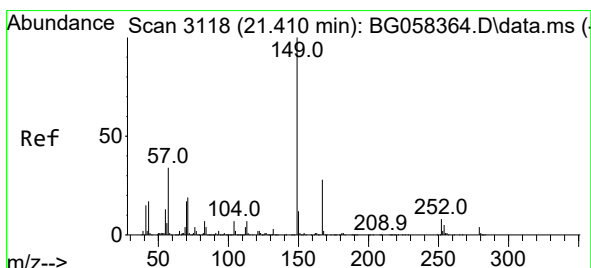
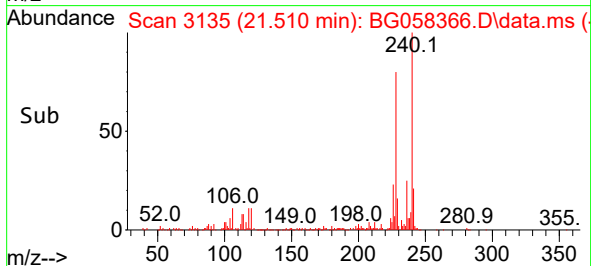
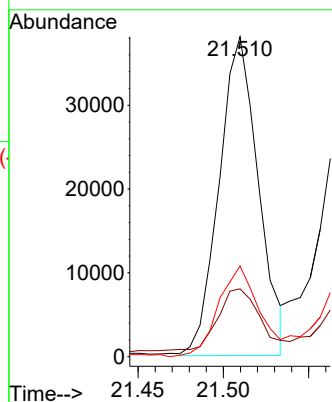
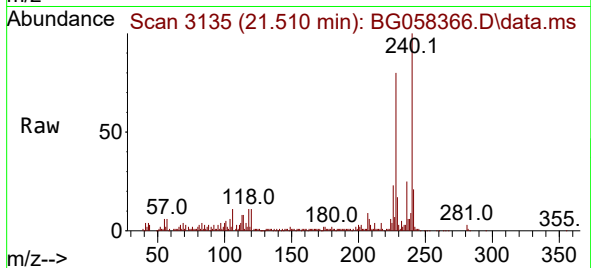
Tgt Ion:228 Resp: 60938

Ion Ratio Lower Upper

228 100

229 21.2 15.7 23.5

226 28.3 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.228 ng/ul

RT: 21.410 min Scan# 3118

Delta R.T. -0.002 min

Lab File: BG058366.D

Acq: 20 Jul 2023 19:42

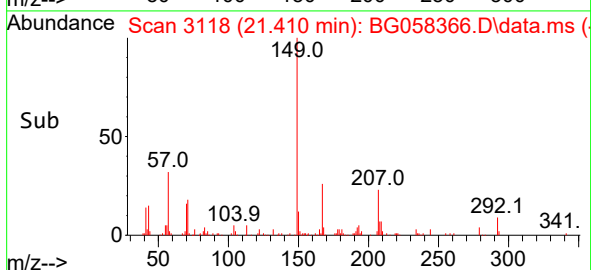
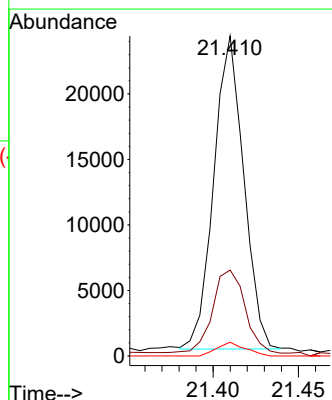
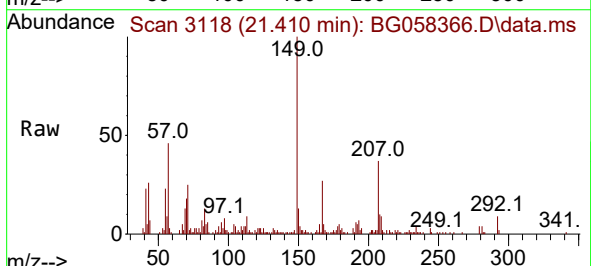
Tgt Ion:149 Resp: 29149

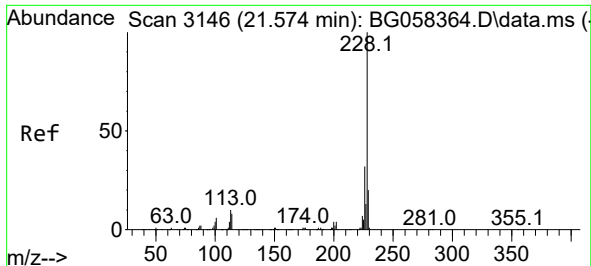
Ion Ratio Lower Upper

149 100

167 26.8 21.6 32.4

279 4.3 3.0 4.4

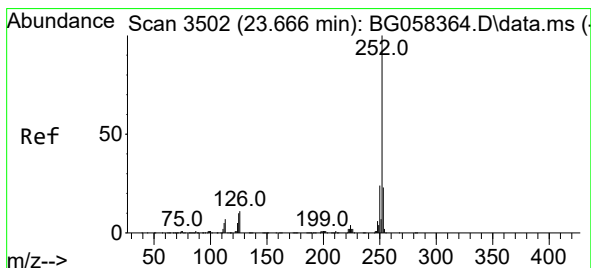
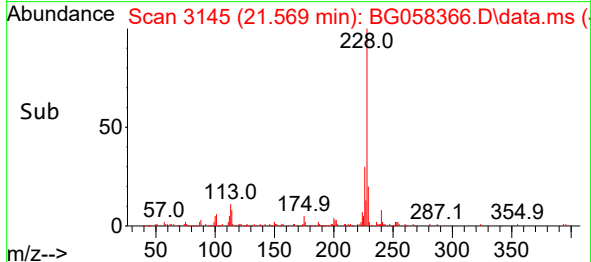
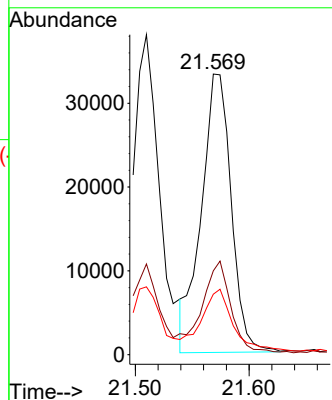
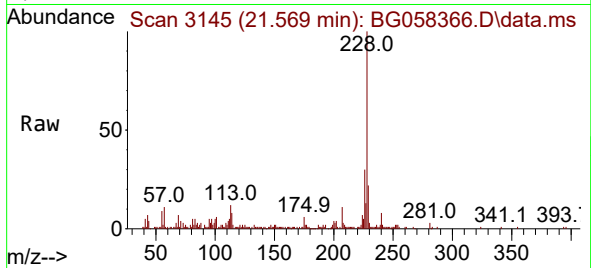




#87
Chrysene
Concen: 2.798 ng/ul
RT: 21.569 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

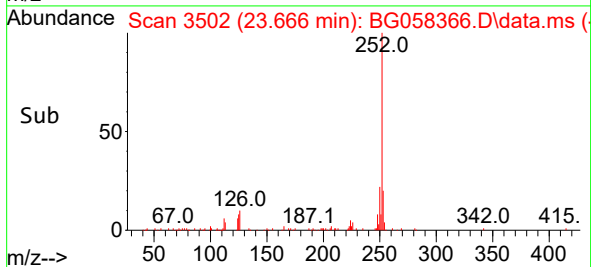
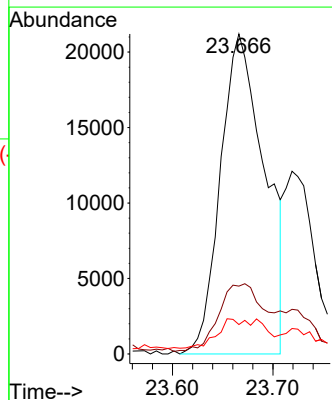
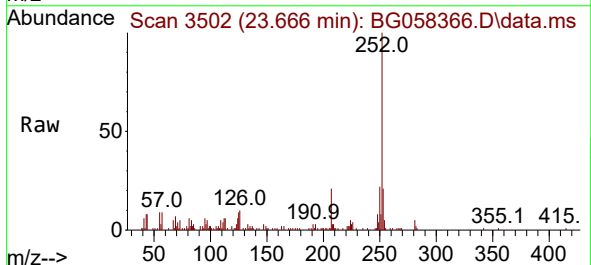
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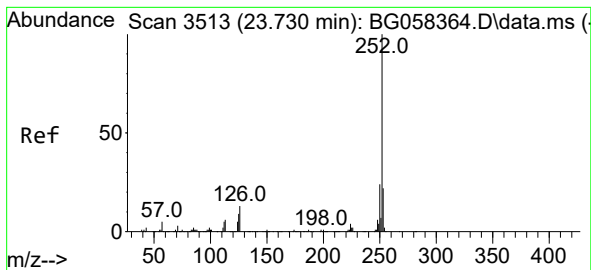
Tgt Ion:228 Resp: 60768
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 21.6 15.8 23.8



#90
Benzo(b)fluoranthene
Concen: 2.858 ng/ul
RT: 23.666 min Scan# 3502
Delta R.T. -0.002 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

Tgt Ion:252 Resp: 64782
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 9.2 6.7 10.1





#91

Benzo(k)fluoranthene

Concen: 2.866 ng/ul

RT: 23.666 min Scan# 3

Delta R.T. -0.067 min

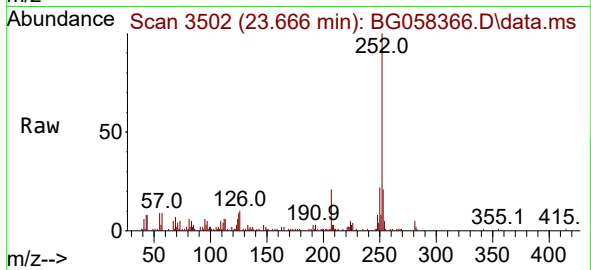
Lab File: BG058366.D

Acq: 20 Jul 2023 19:42

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:252 Resp: 64782

Ion Ratio Lower Upper

252 100

253 21.2 18.3 27.5

125 9.2 7.4 11.0

