

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058367.D
 Acq On : 20 Jul 2023 20:24
 Operator : CG/JU
 Sample : 03501-06DL2 20X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 20 23:29:15 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)

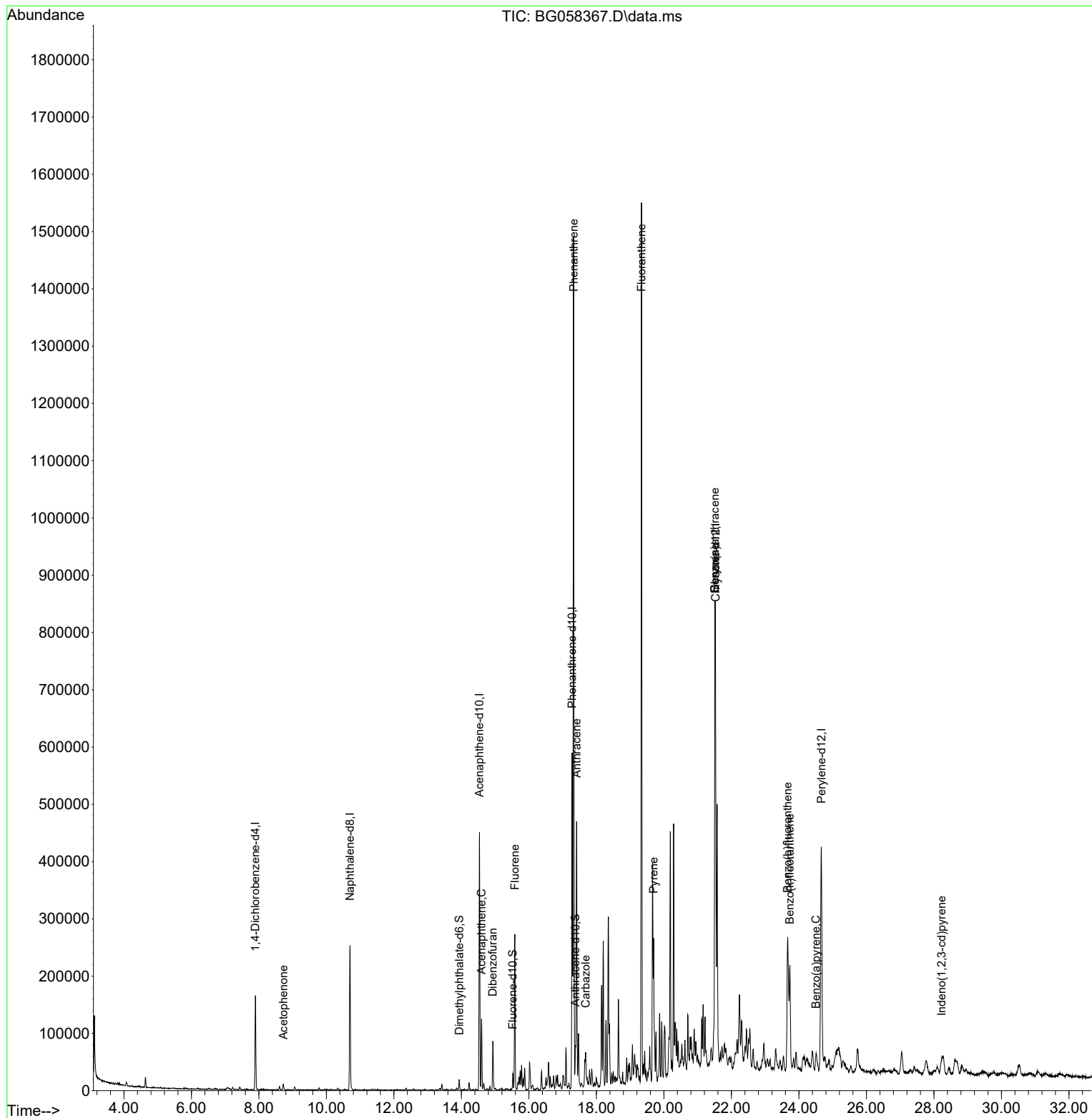
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	45995	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	214344	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.529	164	163720	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.279	188	378275	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	310360	20.000	ng/ul	0.00
88) Perylene-d12	24.664	264	390575	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	143	0.114	ng/uL	0.00
4) Pyridine-d5	3.748	84	806	0.217	ng/ul	0.00
7) Phenol-d5	7.067	99	2594	0.595	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.226	67	2482	0.910	ng/ul	0.00
11) 2-Chlorophenol-d4	7.438	132	2654	0.869	ng/ul	0.00
15) 4-Methylphenol-d8	8.607	113	2744	0.824	ng/ul	0.00
21) Nitrobenzene-d5	9.059	128	1228	0.764	ng/ul	0.00
24) 2-Nitrophenol-d4	9.782	143	1408	0.803	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	2506	0.745	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	77	0.016	ng/ul	-0.12
46) Dimethylphthalate-d6	13.936	166	13211	1.046	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	9674	0.731	ng/ul	0.00
54) 4-Nitrophenol-d4	14.747	143	59	0.031	ng/ul	0.00
60) Fluorene-d10	15.522	176	12257	1.173	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	357	0.185	ng/ul	0.00
73) Anthracene-d10	17.373	188	17196	1.052	ng/ul	0.00
81) Pyrene-d10	19.664	212	4646	0.253	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.441	264	2919	0.155	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.724	105	7043	1.243	ng/ul	96
52) Acenaphthene	14.594	153	51931	5.237	ng/ul	98
56) Dibenzofuran	14.929	168	58594	4.150	ng/ul	99
61) Fluorene	15.581	166	128370	11.087	ng/ul	100
72) Phenanthrene	17.326	178	945564	52.600	ng/ul	98
74) Anthracene	17.414	178	322811	17.887	ng/ul	98
77) Carbazole	17.679	167	34618	2.213	ng/ul	99
80) Fluoranthene	19.335	202	927061	44.146	ng/ul	100
82) Pyrene	19.694	202	190177	8.938	ng/ul	98
85) Benzo(a)anthracene	21.509	228	422107	20.234	ng/ul	97
87) Chrysene	21.509	228	419479	21.200	ng/ul	96
90) Benzo(b)fluoranthene	23.666	252	294777	13.044	ng/ul	99
91) Benzo(k)fluoranthene	23.724	252	139599	6.194	ng/ul	98
93) Benzo(a)pyrene	24.506	252	25390	1.263	ng/ul#	78
94) Indeno(1,2,3-cd)pyrene	28.225	276	34976	1.321	ng/ul#	86

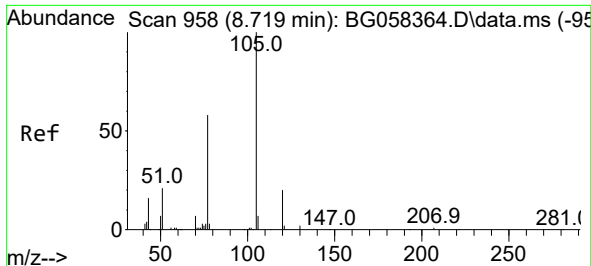
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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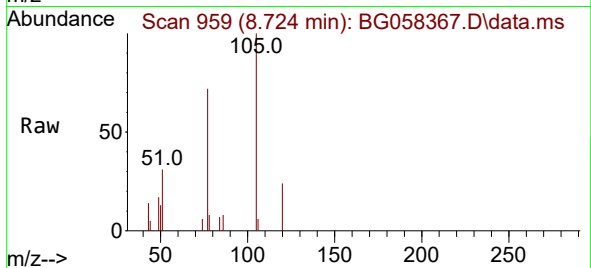
Quant Time: Jul 20 23:29:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
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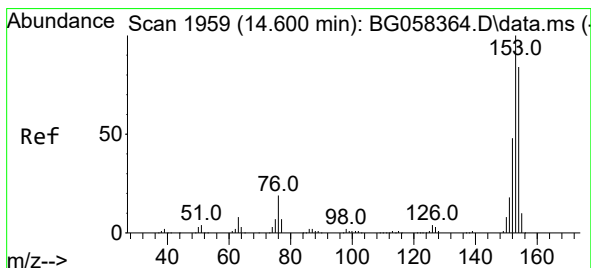
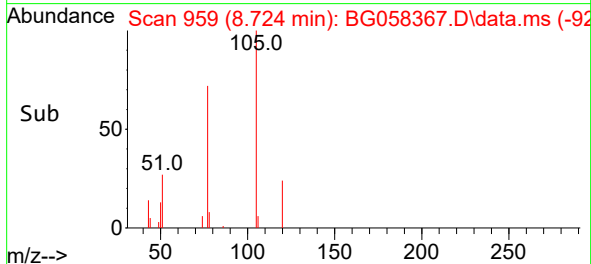
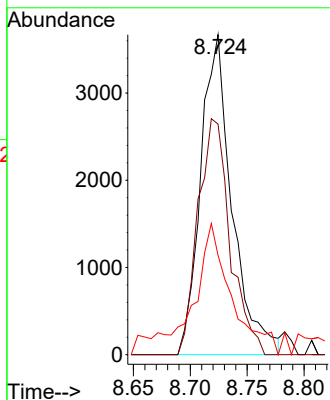


#16
Acetophenone
Concen: 1.243 ng/ul
RT: 8.724 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

Instrument :
BNA_N
ClientSampleId :

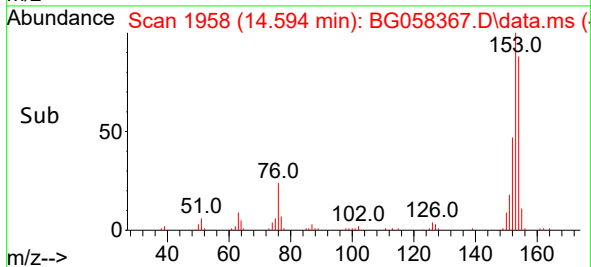
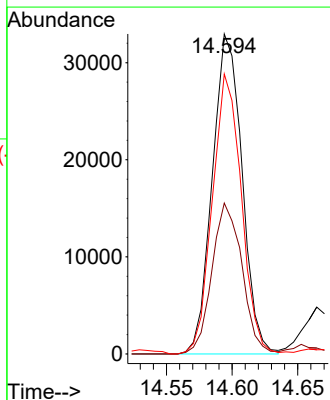
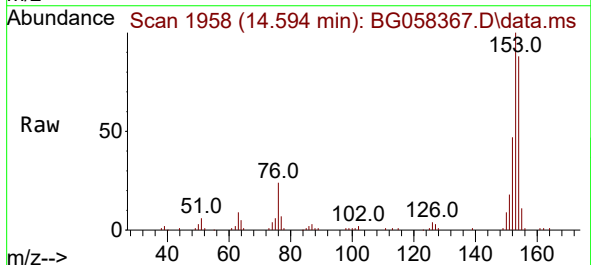


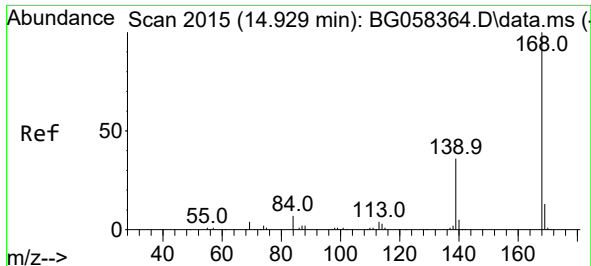
Tgt Ion:105 Resp: 7043
Ion Ratio Lower Upper
105 100
77 72.0 60.7 91.1
51 31.0 23.5 35.3



#52
Acenaphthene
Concen: 5.237 ng/ul
RT: 14.594 min Scan# 1958
Delta R.T. -0.009 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

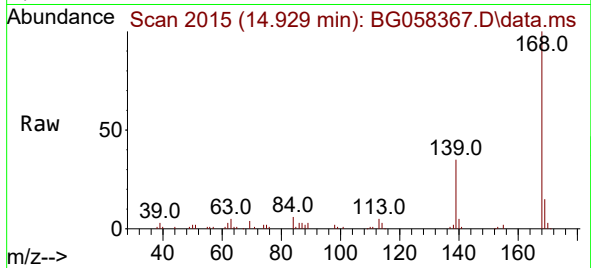
Tgt Ion:153 Resp: 51931
Ion Ratio Lower Upper
153 100
152 47.2 39.1 58.7
154 87.5 68.7 103.1



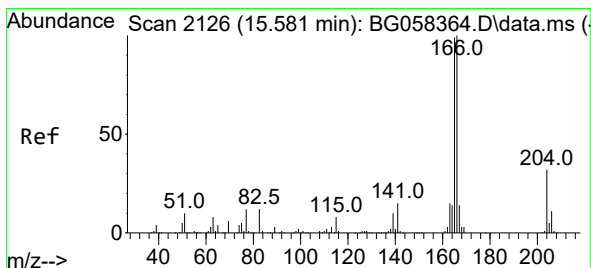
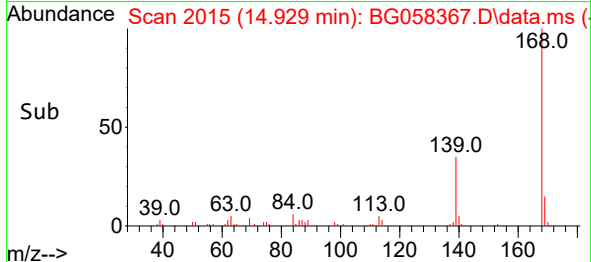
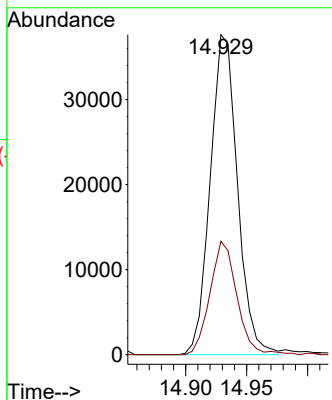


#56
Dibenzenofuran
Concen: 4.150 ng/ul
RT: 14.929 min Scan# 2015
Delta R.T. -0.009 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

Instrument :
BNA_N
ClientSampleId :

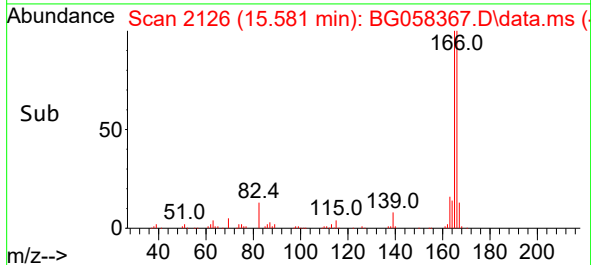
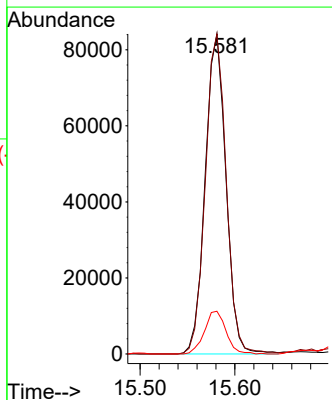
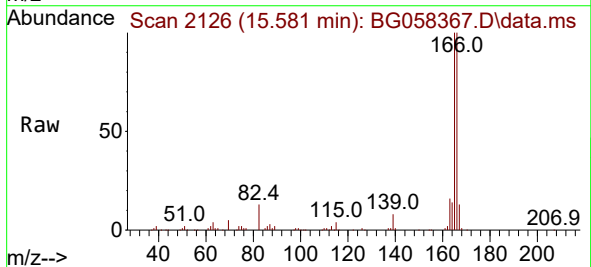


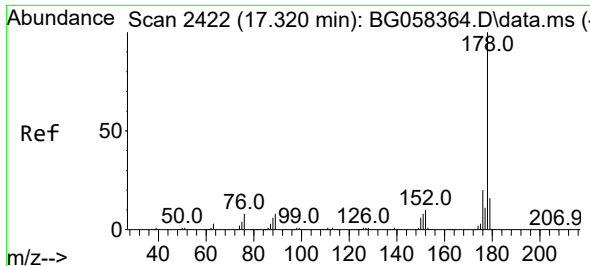
Tgt Ion:168 Resp: 58594
Ion Ratio Lower Upper
168 100
139 35.4 27.8 41.8



#61
Fluorene
Concen: 11.087 ng/ul
RT: 15.581 min Scan# 2126
Delta R.T. -0.003 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

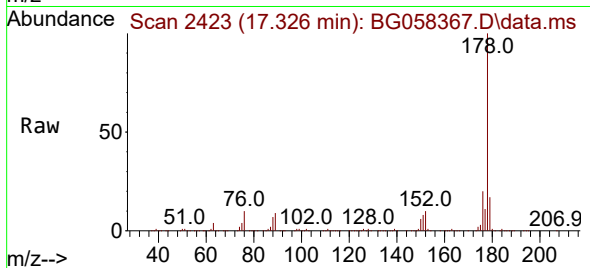
Tgt Ion:166 Resp: 128370
Ion Ratio Lower Upper
166 100
165 100.0 80.2 120.2
167 13.4 10.5 15.7



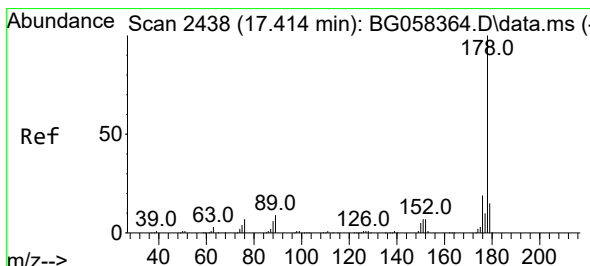
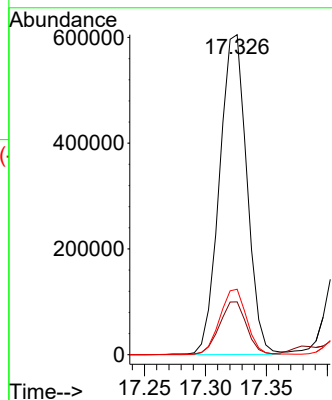
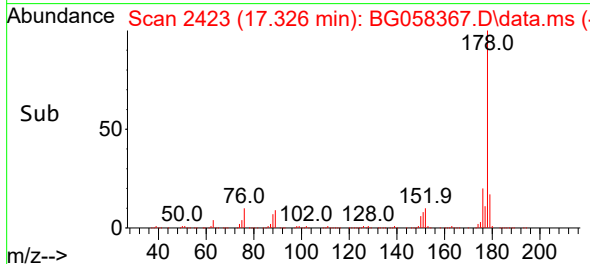


#72
Phenanthrene
Concen: 52.600 ng/ul
RT: 17.326 min Scan# 2423
Delta R.T. 0.003 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

Instrument :
BNA_N
ClientSampleId :

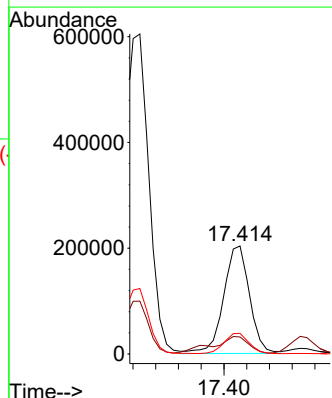
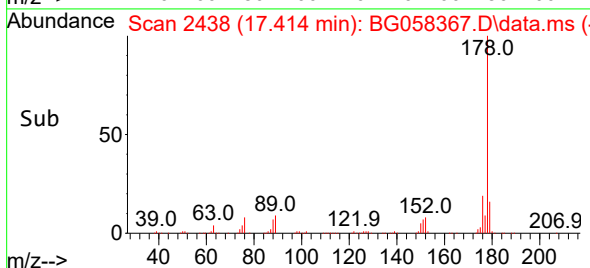
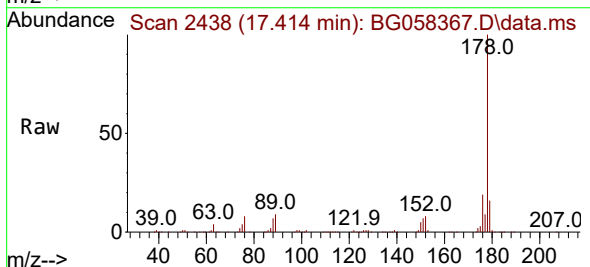


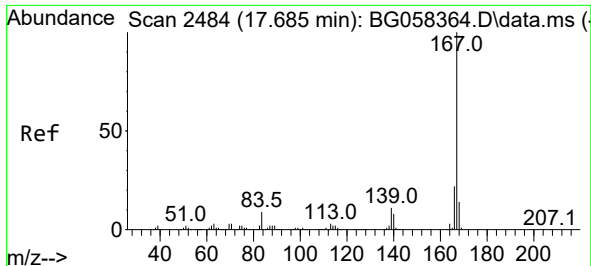
Tgt Ion:178 Resp: 945564
Ion Ratio Lower Upper
178 100
179 16.5 11.9 17.9
176 20.5 15.8 23.8



#74
Anthracene
Concen: 17.887 ng/ul
RT: 17.414 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

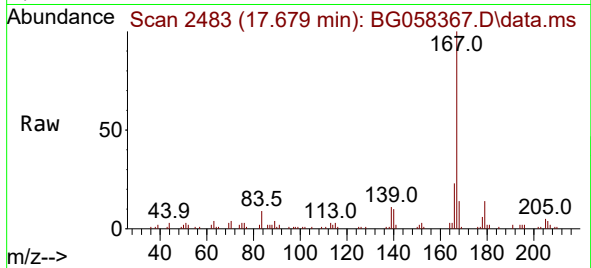
Tgt Ion:178 Resp: 322811
Ion Ratio Lower Upper
178 100
179 15.7 13.4 20.2
176 19.1 16.2 24.2



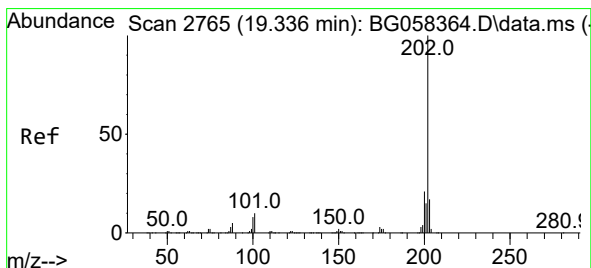
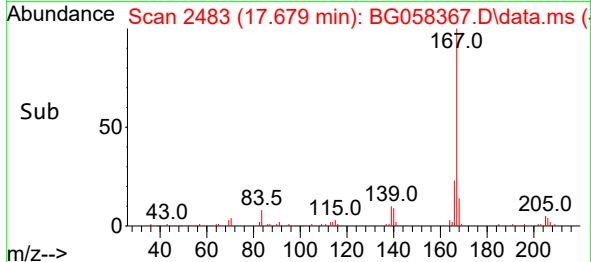
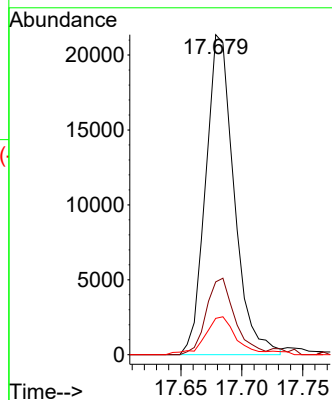


#77
 Carbazole
 Concen: 2.213 ng/ul
 RT: 17.679 min Scan# 2484
 Delta R.T. -0.003 min
 Lab File: BG058367.D
 Acq: 20 Jul 2023 20:24

Instrument :
 BNA_N
 ClientSampleId :

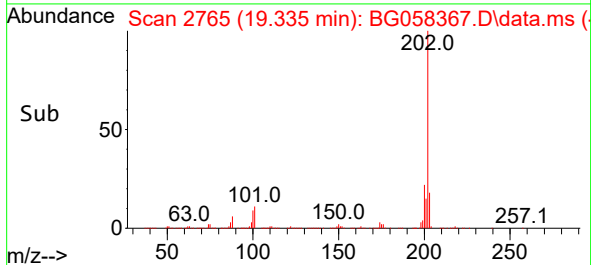
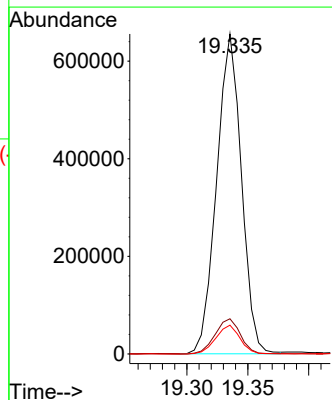
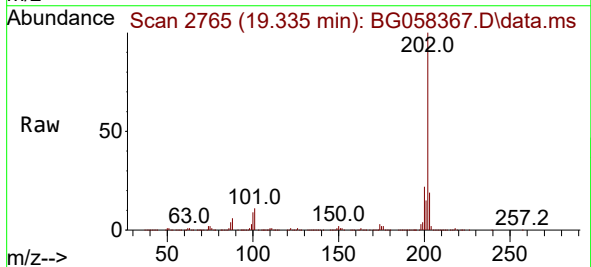


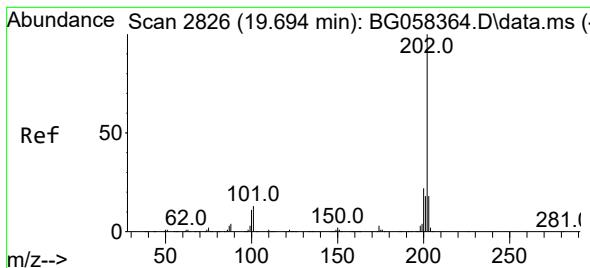
Tgt Ion:167 Resp: 34618
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.8 26.8
 139 11.4 9.4 14.0



#80
 Fluoranthene
 Concen: 44.146 ng/ul
 RT: 19.335 min Scan# 2765
 Delta R.T. 0.003 min
 Lab File: BG058367.D
 Acq: 20 Jul 2023 20:24

Tgt Ion:202 Resp: 927061
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.6 12.8
 100 9.0 7.2 10.8





#82

Pyrene

Concen: 8.938 ng/ul

RT: 19.694 min Scan# 21

Delta R.T. -0.003 min

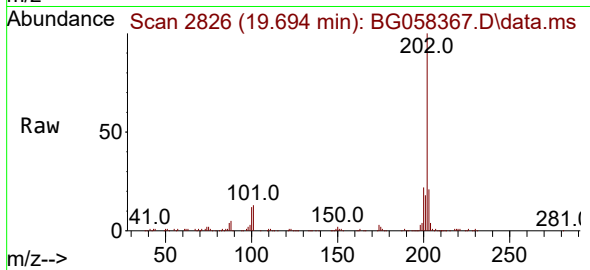
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Acq: 20 Jul 2023 20:24

Instrument :

BNA_N

ClientSampleId :



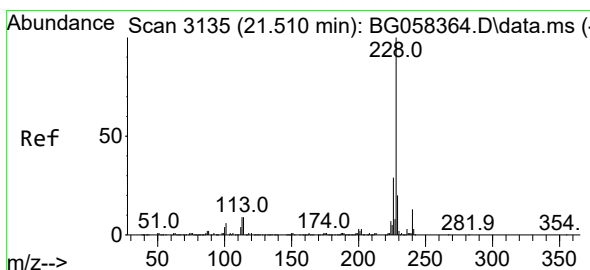
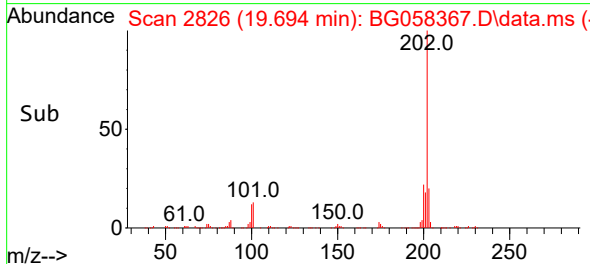
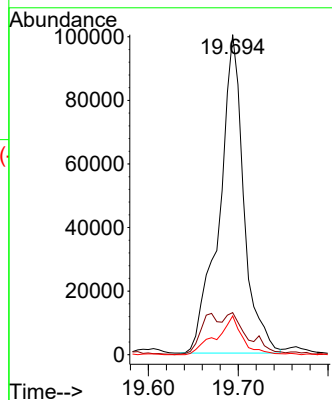
Tgt Ion:202 Resp: 190177

Ion Ratio Lower Upper

202 100

101 13.1 10.2 15.2

100 12.1 8.9 13.3



#85

Benzo(a)anthracene

Concen: 20.234 ng/ul

RT: 21.509 min Scan# 3135

Delta R.T. -0.003 min

Lab File: BG058367.D

Acq: 20 Jul 2023 20:24

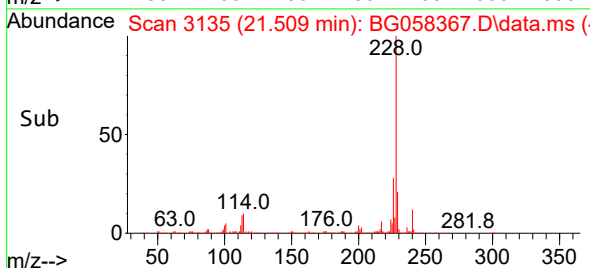
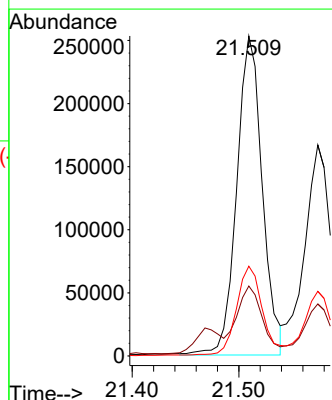
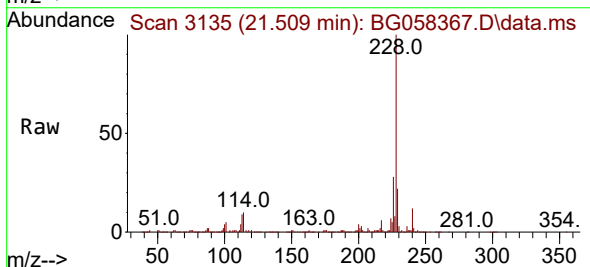
Tgt Ion:228 Resp: 422107

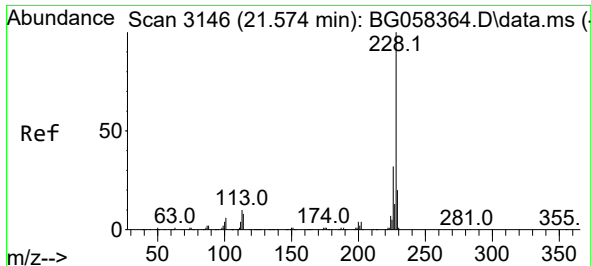
Ion Ratio Lower Upper

228 100

229 21.9 15.7 23.5

226 28.0 21.8 32.8

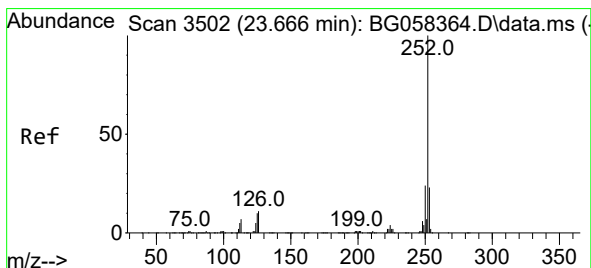
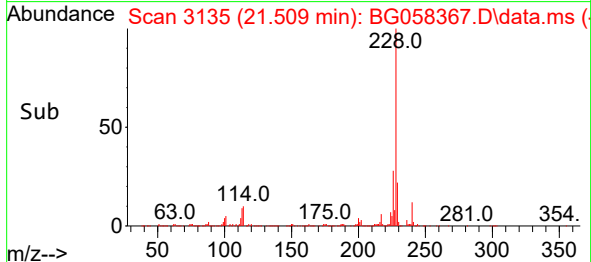
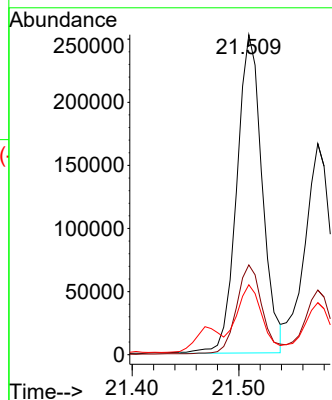
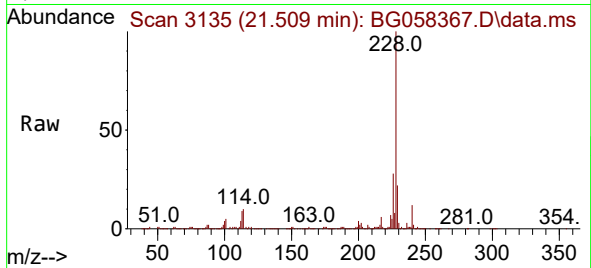




#87
Chrysene
Concen: 21.200 ng/ul
RT: 21.509 min Scan# 3146
Delta R.T. -0.068 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

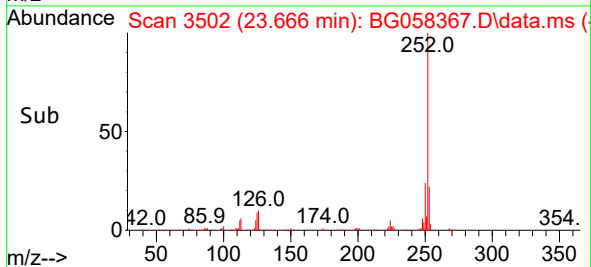
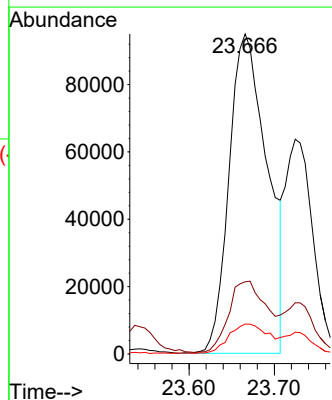
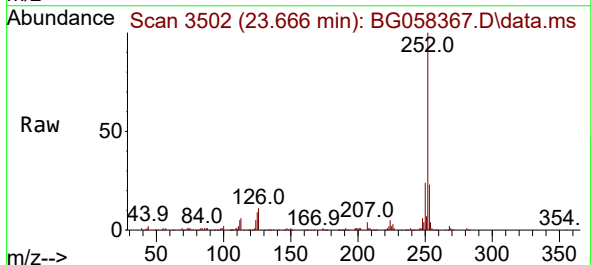
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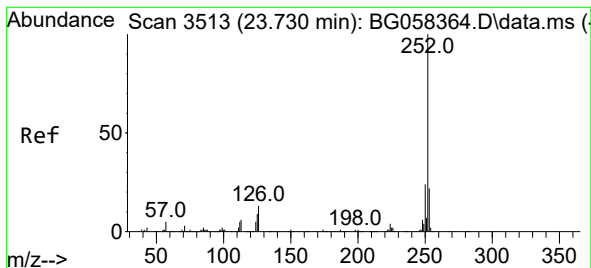
Tgt Ion:228 Resp: 419479
Ion Ratio Lower Upper
228 100
226 28.0 24.0 36.0
229 21.9 15.8 23.8



#90
Benzo(b)fluoranthene
Concen: 13.044 ng/ul
RT: 23.666 min Scan# 3502
Delta R.T. -0.003 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

Tgt Ion:252 Resp: 294777
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.4 6.7 10.1





#91

Benzo(k)fluoranthene

Concen: 6.194 ng/ul

RT: 23.724 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG058367.D

Acq: 20 Jul 2023 20:24

Instrument :

BNA_N

ClientSampleId :

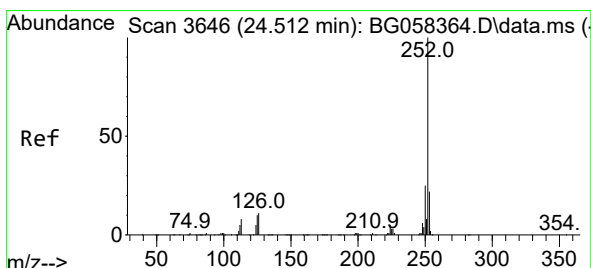
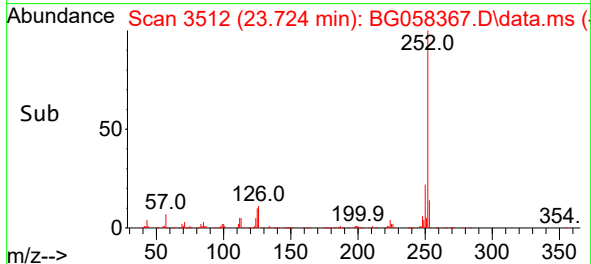
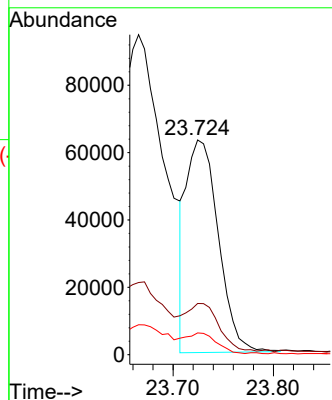
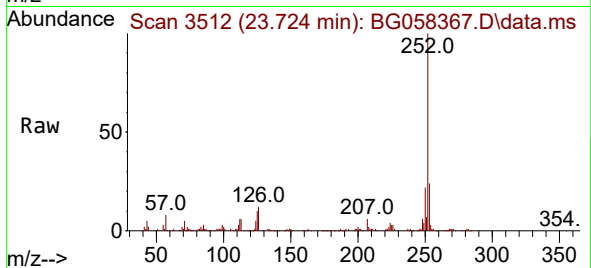
Tgt Ion:252 Resp: 139599

Ion Ratio Lower Upper

252 100

253 23.9 18.3 27.5

125 10.2 7.4 11.0



#93

Benzo(a)pyrene

Concen: 1.263 ng/ul

RT: 24.506 min Scan# 3645

Delta R.T. -0.015 min

Lab File: BG058367.D

Acq: 20 Jul 2023 20:24

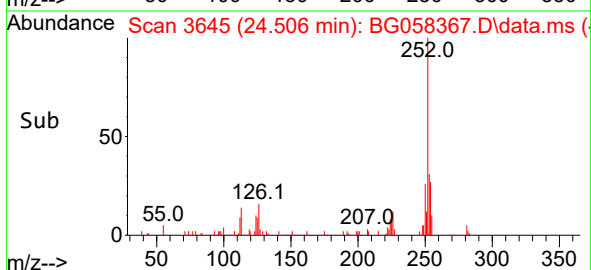
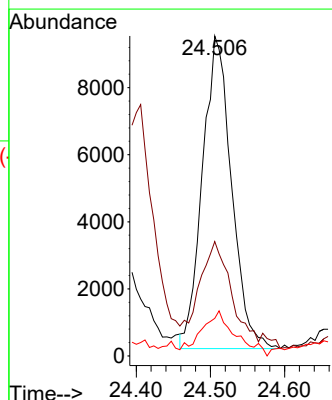
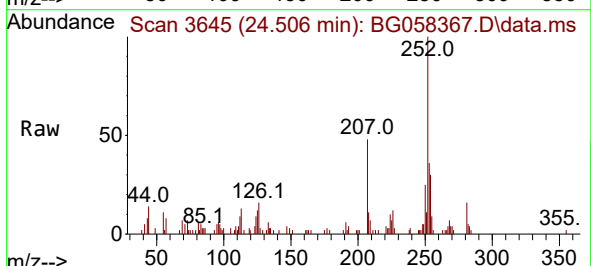
Tgt Ion:252 Resp: 25390

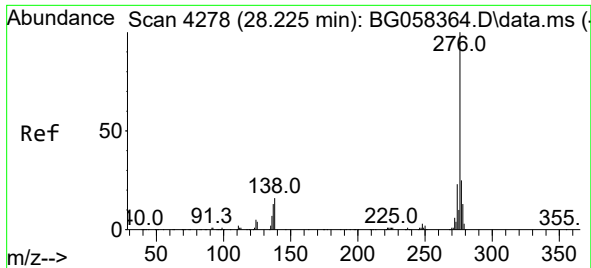
Ion Ratio Lower Upper

252 100

253 35.8 17.4 26.0#

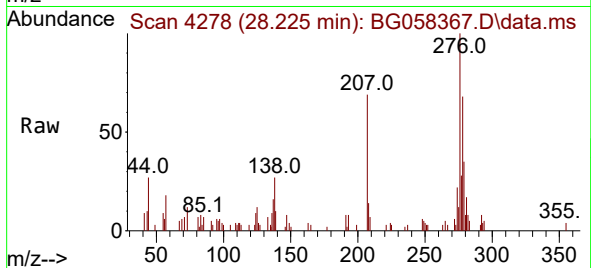
125 11.7 7.7 11.5#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.321 ng/ul
 RT: 28.225 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: BG058367.D
 Acq: 20 Jul 2023 20:24

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	34976
Ion Ratio	Lower	Upper	
276	100		
138	27.1	13.8	20.6#
277	27.9	19.2	28.8

