

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059015.D
 Acq On : 12 Sep 2023 17:57
 Operator : MA/JU
 Sample : 04235-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 12 23:56:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:54:19 2023
 Response via : Initial Calibration

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

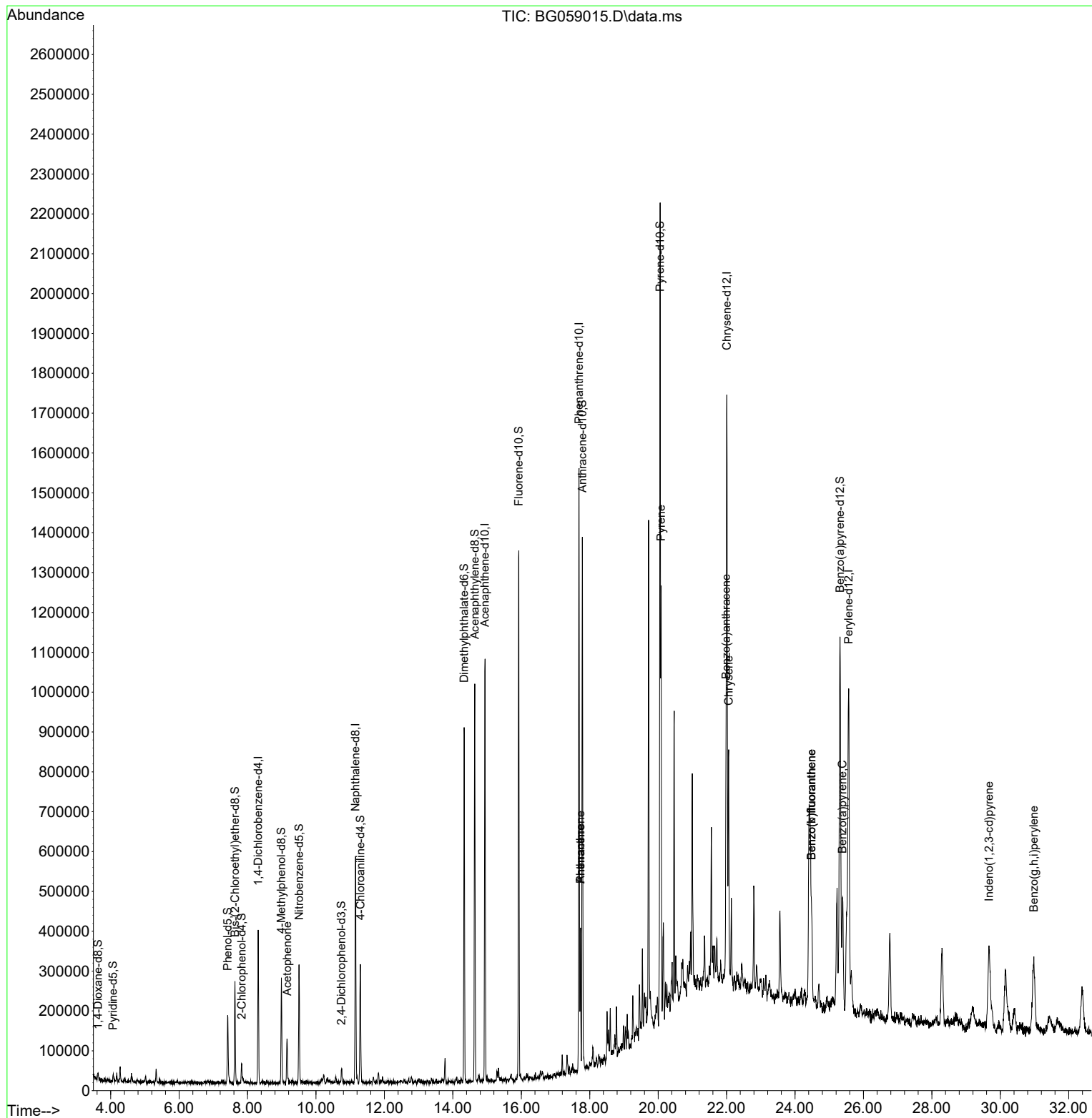
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	96519	20.000	ng/ul	0.00
20) Naphthalene-d8	11.155	136	475110	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.933	164	364700	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.689	188	989429	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.007	240	896027	20.000	ng/ul	0.00
88) Perylene-d12	25.568	264	1024135	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.629	96	9040	3.981	ng/uL	0.00
4) Pyridine-d5	4.070	84	12655	1.760	ng/ul	0.01
7) Phenol-d5	7.419	99	108740	11.172	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.630	67	118462	20.756	ng/ul	0.00
11) 2-Chlorophenol-d4	7.830	132	22135	3.546	ng/ul	0.00
15) 4-Methylphenol-d8	8.987	113	99775	13.269	ng/ul	0.00
21) Nitrobenzene-d5	9.504	128	63021	18.287	ng/ul	0.00
24) 2-Nitrophenol-d4	10.233	143	3226	0.853	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.744	165	13930	1.733	ng/ul	0.00
31) 4-Chloroaniline-d4	11.296	131	159417	14.750	ng/ul	0.00
46) Dimethylphthalate-d6	14.328	166	605155	21.392	ng/ul	0.00
49) Acenaphthylene-d8	14.640	160	655834	20.819	ng/ul	0.00
54) 4-Nitrophenol-d4	15.098	143	473	0.101	ng/ul	-0.01
60) Fluorene-d10	15.926	176	563341	22.439	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.020	200	314	0.065	ng/ul	-0.01
73) Anthracene-d10	17.783	188	852057	19.399	ng/ul	0.00
81) Pyrene-d10	20.057	212	1145191	24.127	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.315	264	1121085	22.331	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.158	105	71667	5.749	ng/ul	92
72) Phenanthrene	17.730	178	225641	4.493	ng/ul	97
74) Anthracene	17.730	178	225970	4.427	ng/ul	96
82) Pyrene	20.086	202	649773	11.339	ng/ul#	94
85) Benzo(a)anthracene	21.984	228	374372	6.230	ng/ul	98
87) Chrysene	22.060	228	465835	8.339	ng/ul	99
90) Benzo(b)fluoranthene	24.481	252	241911	3.965	ng/ul	98
91) Benzo(k)fluoranthene	24.481	252	244386	3.920	ng/ul#	98
93) Benzo(a)pyrene	25.386	252	331967	5.832	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.669	276	380979	5.297	ng/ul	98
96) Benzo(g,h,i)perylene	30.979	276	206646	3.630	ng/ul	98

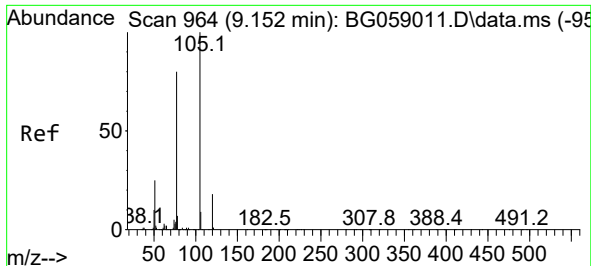
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
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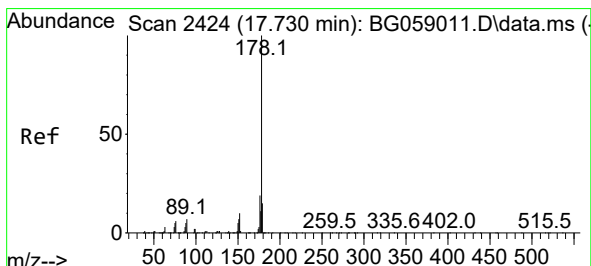
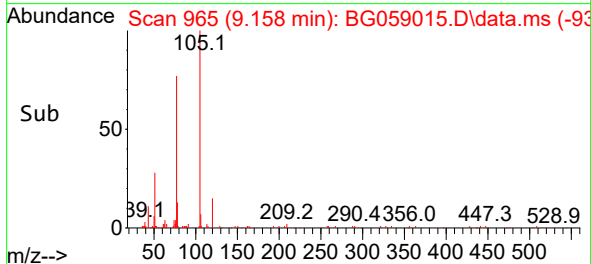
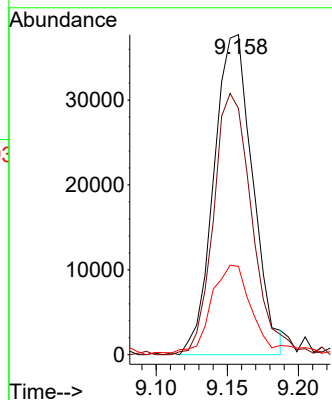
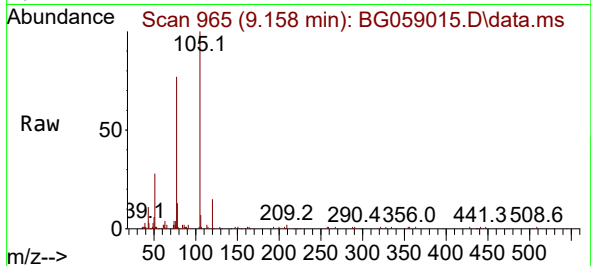




#16
Acetophenone
Concen: 5.749 ng/ul
RT: 9.158 min Scan# 916
Delta R.T. 0.006 min
Lab File: BG059015.D
Acq: 12 Sep 2023 17:57

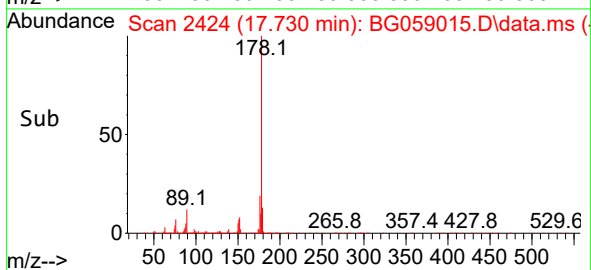
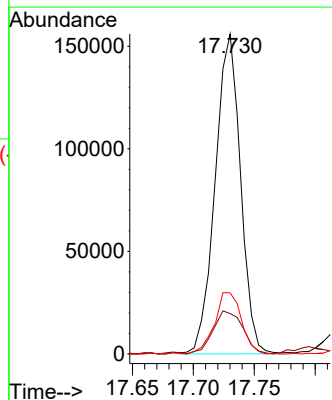
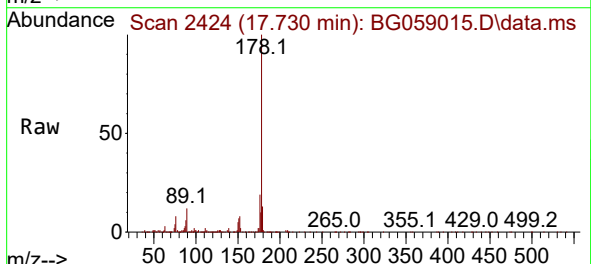
Instrument :
BNA_P
ClientSampleId :

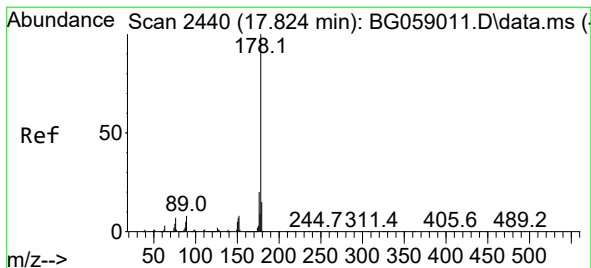
Tgt Ion:105 Resp: 71667
Ion Ratio Lower Upper
105 100
77 77.0 67.3 100.9
51 27.6 19.3 28.9



#72
Phenanthrene
Concen: 4.493 ng/ul
RT: 17.730 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BG059015.D
Acq: 12 Sep 2023 17:57

Tgt Ion:178 Resp: 225641
Ion Ratio Lower Upper
178 100
179 12.7 11.8 17.8
176 19.1 15.1 22.7





#74

Anthracene

Concen: 4.427 ng/ul

RT: 17.730 min Scan# 2440

Delta R.T. -0.094 min

Lab File: BG059015.D

Acq: 12 Sep 2023 17:57

Instrument :

BNA_P

ClientSampleId :

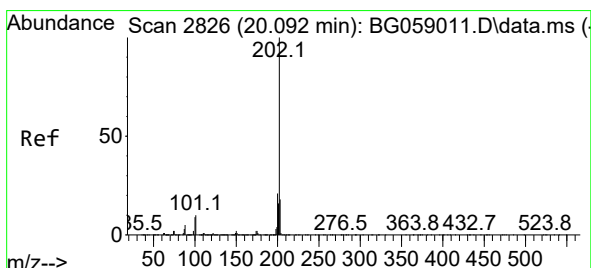
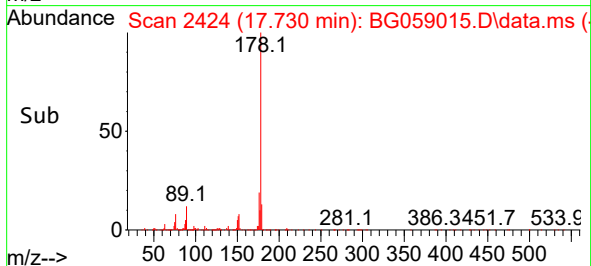
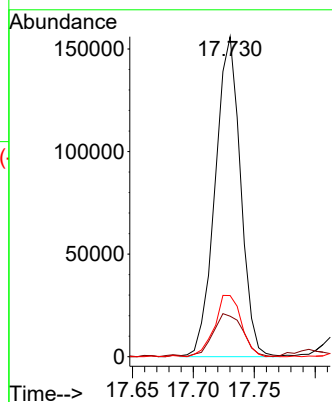
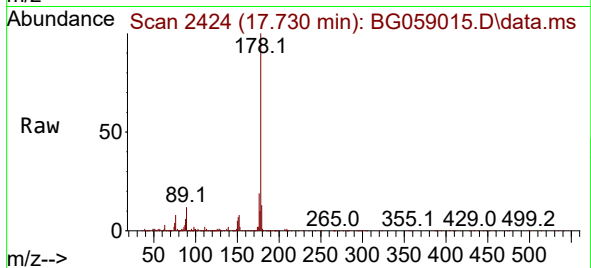
Tgt Ion:178 Resp: 225970

Ion Ratio Lower Upper

178 100

179 12.7 12.2 18.4

176 19.1 14.4 21.6



#82

Pyrene

Concen: 11.339 ng/ul

RT: 20.086 min Scan# 2825

Delta R.T. -0.005 min

Lab File: BG059015.D

Acq: 12 Sep 2023 17:57

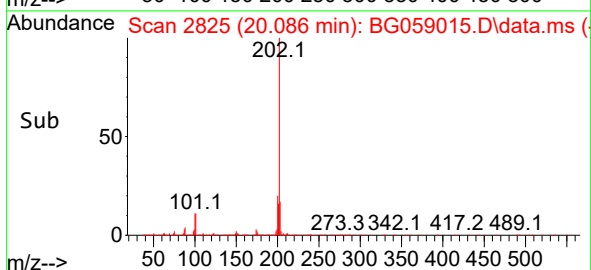
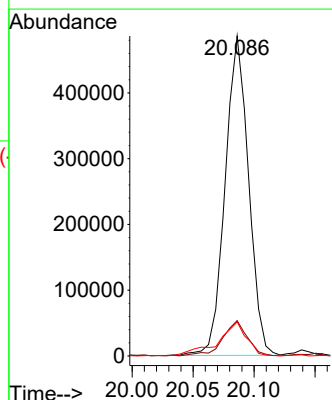
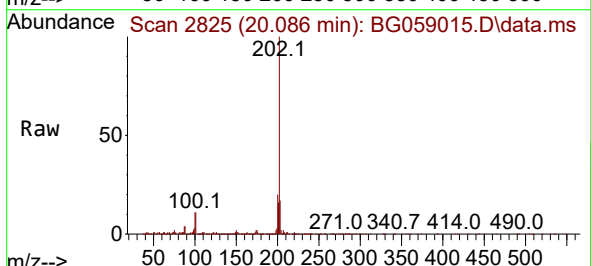
Tgt Ion:202 Resp: 649773

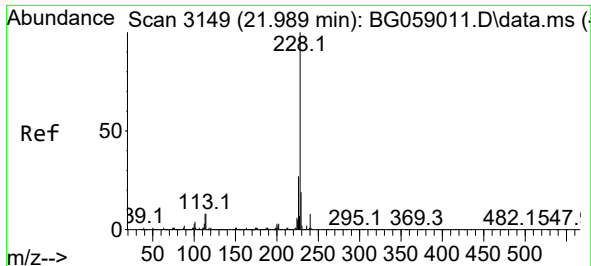
Ion Ratio Lower Upper

202 100

101 11.0 7.5 11.3

100 10.6 6.3 9.5#

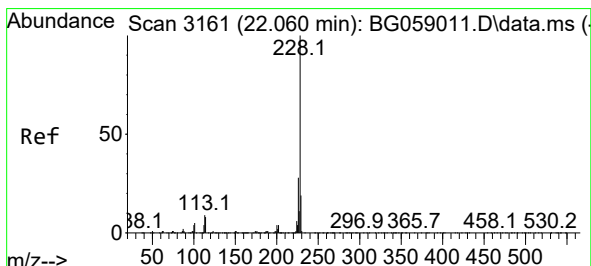
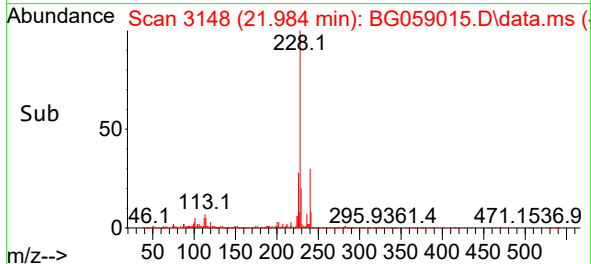
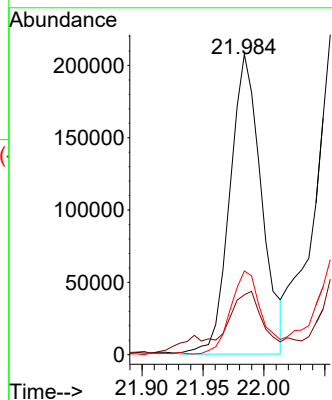
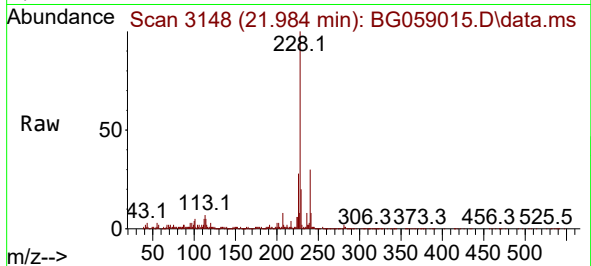




#85
Benzo(a)anthracene
Concen: 6.230 ng/ul
RT: 21.984 min Scan# 3148
Delta R.T. -0.005 min
Lab File: BG059015.D
Acq: 12 Sep 2023 17:57

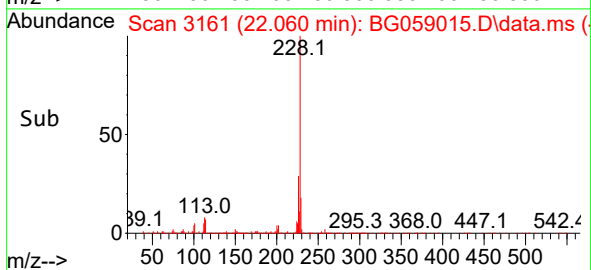
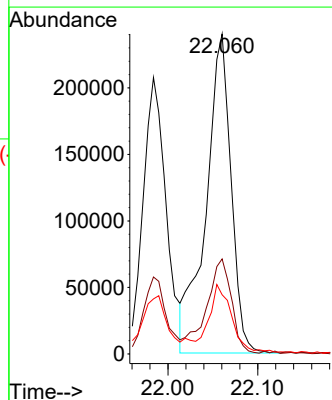
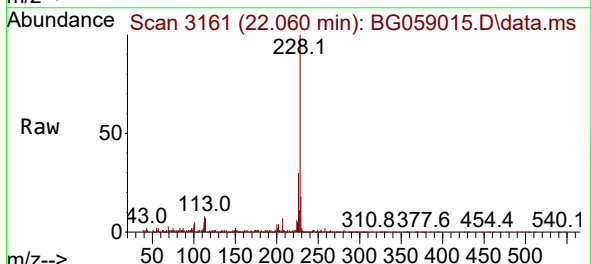
Instrument :
BNA_P
ClientSampleId :

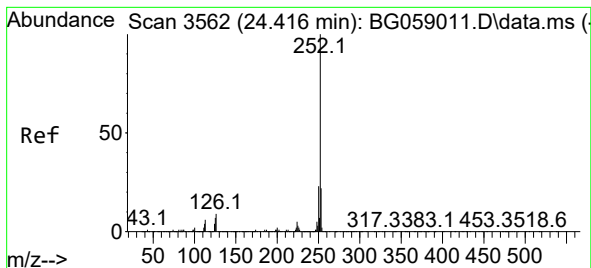
Tgt Ion:228 Resp: 374372
Ion Ratio Lower Upper
228 100
229 19.9 16.0 24.0
226 27.8 20.8 31.2



#87
Chrysene
Concen: 8.339 ng/ul
RT: 22.060 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BG059015.D
Acq: 12 Sep 2023 17:57

Tgt Ion:228 Resp: 465835
Ion Ratio Lower Upper
228 100
226 29.7 23.2 34.8
229 18.5 15.3 22.9





#90

Benzo(b)fluoranthene

Concen: 3.965 ng/ul

RT: 24.481 min Scan# 3573

Delta R.T. 0.065 min

Lab File: BG059015.D

Acq: 12 Sep 2023 17:57

Instrument :

BNA_P

ClientSampleId :

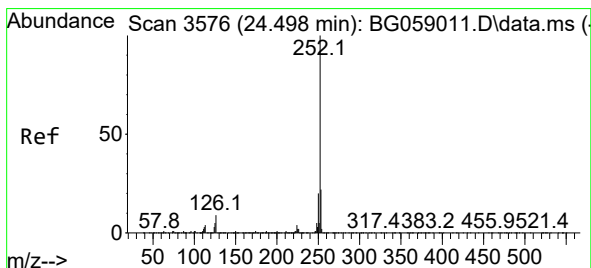
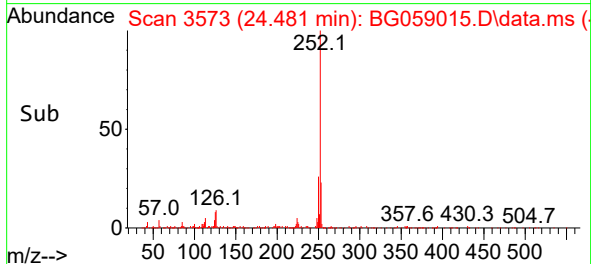
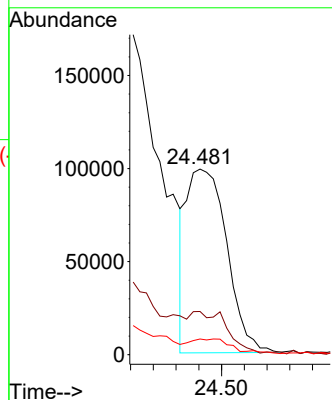
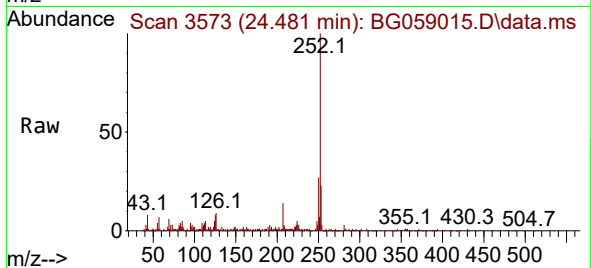
Tgt Ion:252 Resp: 241911

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 8.5 6.2 9.2



#91

Benzo(k)fluoranthene

Concen: 3.920 ng/ul

RT: 24.481 min Scan# 3573

Delta R.T. -0.017 min

Lab File: BG059015.D

Acq: 12 Sep 2023 17:57

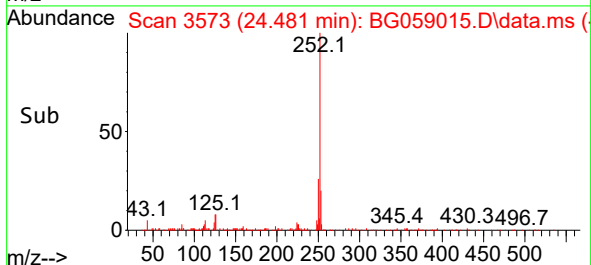
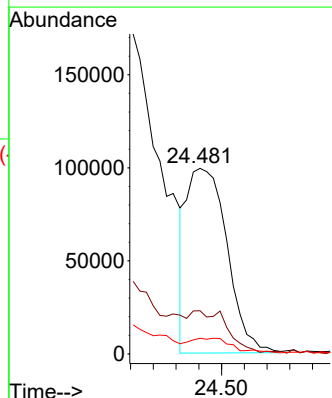
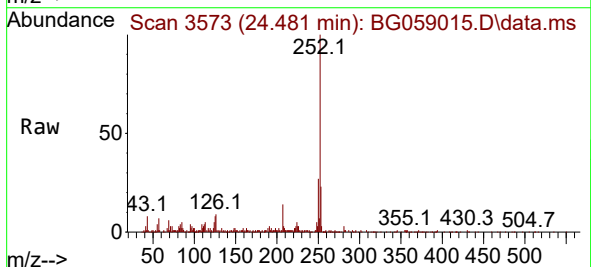
Tgt Ion:252 Resp: 244386

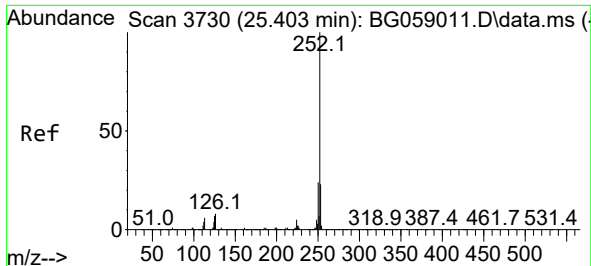
Ion Ratio Lower Upper

252 100

253 23.2 19.1 28.7

125 8.5 5.0 7.4#

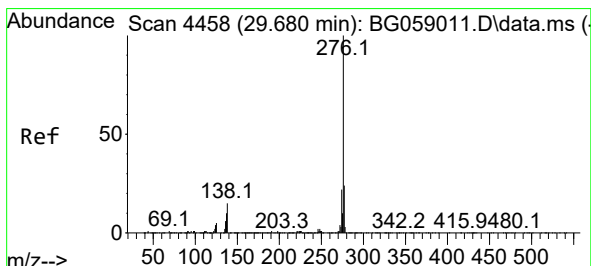
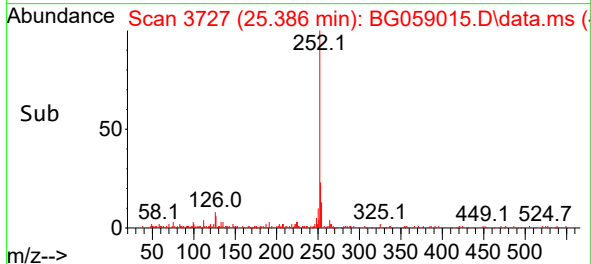
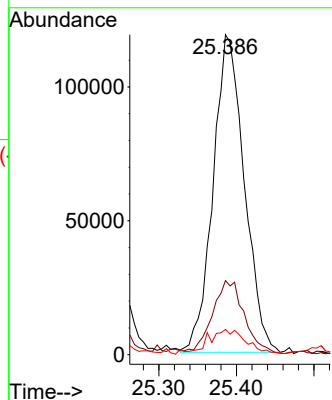
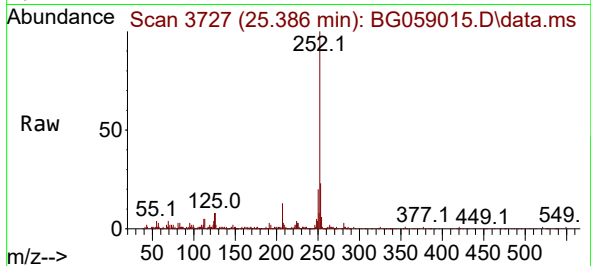




#93
Benzo(a)pyrene
Concen: 5.832 ng/ul
RT: 25.386 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG059015.D
Acq: 12 Sep 2023 17:57

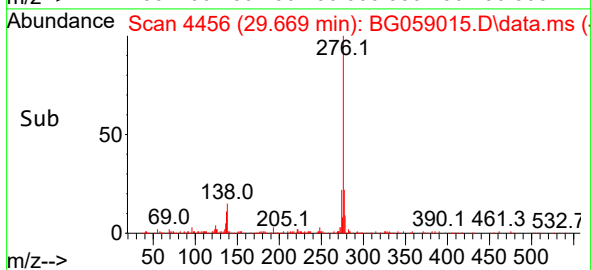
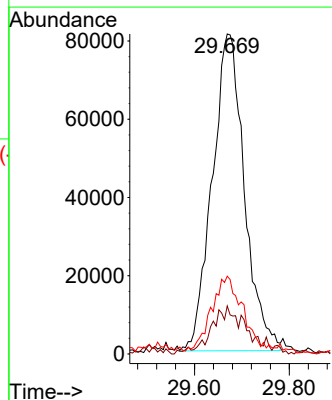
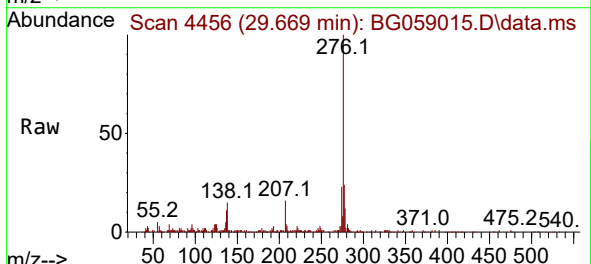
Instrument :
BNA_P
ClientSampleId :

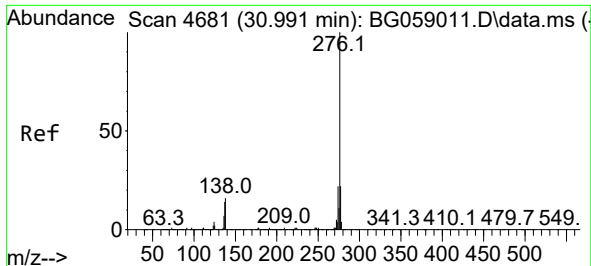
Tgt Ion:252 Resp: 331967
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 7.9 5.3 7.9



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.297 ng/ul
RT: 29.669 min Scan# 4456
Delta R.T. -0.011 min
Lab File: BG059015.D
Acq: 12 Sep 2023 17:57

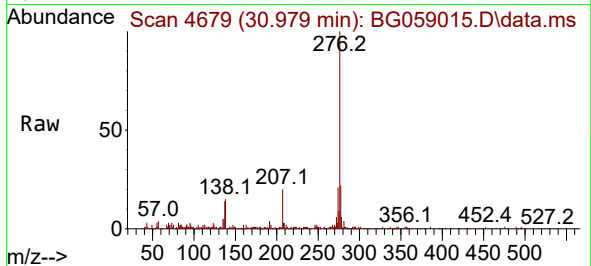
Tgt Ion:276 Resp: 380979
Ion Ratio Lower Upper
276 100
138 15.0 11.8 17.8
277 24.3 20.7 31.1





#96
 Benzo(g,h,i)perylene
 Concen: 3.630 ng/ul
 RT: 30.979 min Scan# 4679
 Delta R.T. -0.011 min
 Lab File: BG059015.D
 Acq: 12 Sep 2023 17:57

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 206646
 Ion Ratio Lower Upper
 276 100
 138 15.5 11.4 17.2
 277 22.5 17.4 26.2

