

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061368.D
 Acq On : 30 May 2024 20:36
 Operator : MA/JU
 Sample : P2570-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6B2

Quant Time: May 30 22:57:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

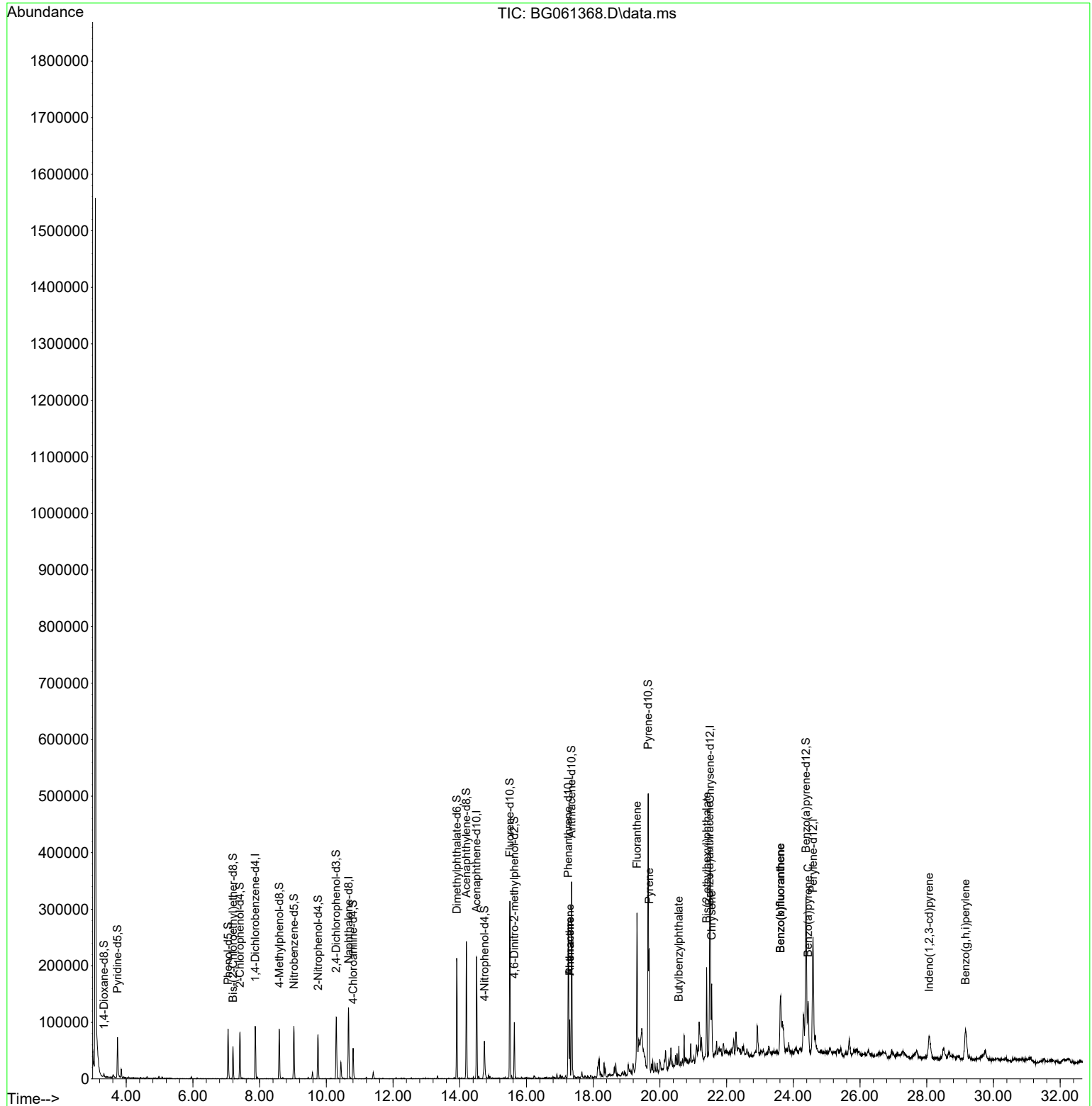
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	23767	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	94917	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.503	164	78809	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.253	188	179934	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.507	240	188525	20.000	ng/ul	0.00
88) Perylene-d12	24.591	264	203935	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1957	4.608	ng/uL	0.00
4) Pyridine-d5	3.739	84	31506	20.853	ng/ul	0.00
7) Phenol-d5	7.053	99	41804	21.419	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	27018	22.024	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	34195	23.673	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	30104	18.089	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	17786	24.338	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	20363	23.809	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.296	165	40957	24.564	ng/ul	0.00
31) 4-Chloroaniline-d4	10.801	131	27135	12.439	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	141759	23.193	ng/ul	0.00
49) Acenaphthylene-d8	14.197	160	157677	24.813	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	13461	17.813	ng/ul	0.00
60) Fluorene-d10	15.502	176	126141	23.904	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.637	200	21157	19.441	ng/ul	0.00
73) Anthracene-d10	17.353	188	205977	25.965	ng/ul	0.00
81) Pyrene-d10	19.650	212	258365	26.691	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.380	264	278550	28.411	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.300	178	61173	7.005	ng/ul	97
74) Anthracene	17.300	178	61173	6.775	ng/ul	95
80) Fluoranthene	19.315	202	155357	13.379	ng/ul	98
82) Pyrene	19.679	202	141416	11.732	ng/ul	99
83) Butylbenzylphthalate	20.566	149	8809	2.127	ng/ul	95
85) Benzo(a)anthracene	21.489	228	84903	6.527	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.401	149	56577	9.231	ng/ul	98
87) Chrysene	21.554	228	94147	7.860	ng/ul	97
90) Benzo(b)fluoranthene	23.616	252	126990	10.459	ng/ul	99
91) Benzo(k)fluoranthene	23.616	252	126990	10.302	ng/ul	96
93) Benzo(a)pyrene	24.444	252	93323	8.094	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.069	276	33825	2.426	ng/ul	95
96) Benzo(g,h,i)perylene	29.162	276	105582	9.519	ng/ul#	97

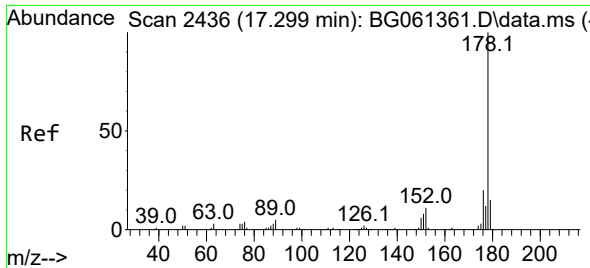
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061368.D
Acq On : 30 May 2024 20:36
Operator : MA/JU
Sample : P2570-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B2

Quant Time: May 30 22:57:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

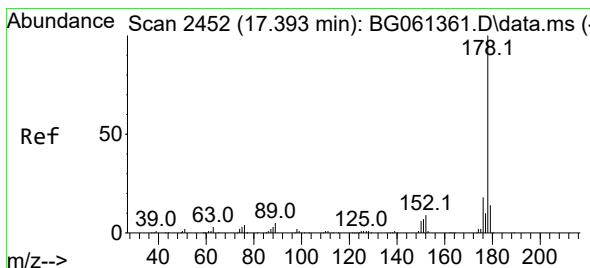
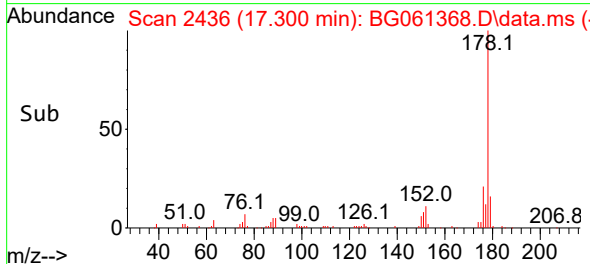
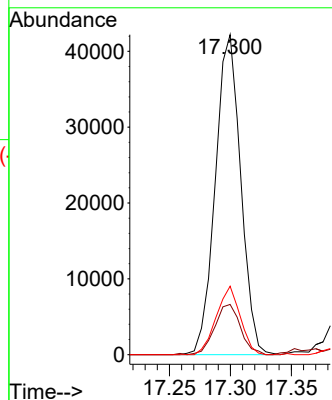
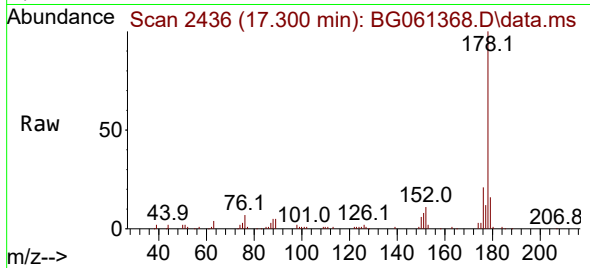




#72
Phenanthrene
Concen: 7.005 ng/ul
RT: 17.300 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

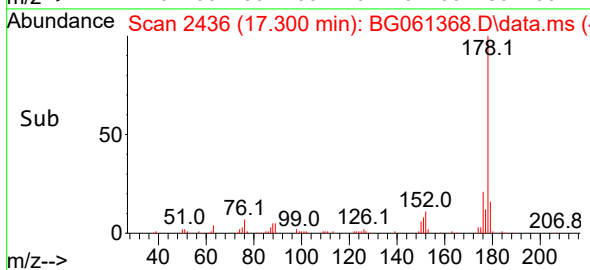
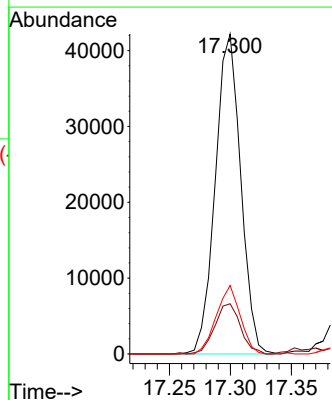
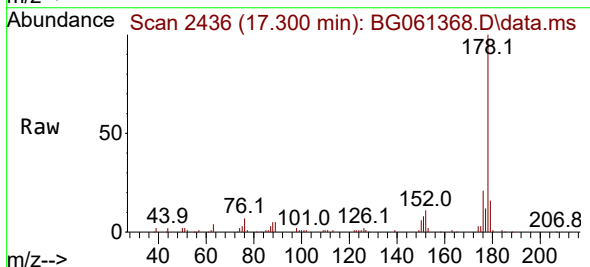
Instrument :
BNA_G
ClientSampleId :
BH6B2

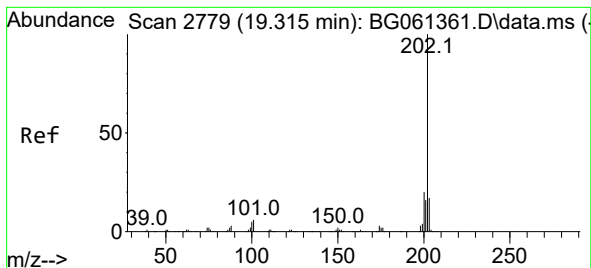
Tgt Ion:178 Resp: 61173
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 21.4 15.5 23.3



#74
Anthracene
Concen: 6.775 ng/ul
RT: 17.300 min Scan# 2436
Delta R.T. -0.094 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

Tgt Ion:178 Resp: 61173
Ion Ratio Lower Upper
178 100
179 15.7 11.8 17.6
176 21.4 14.9 22.3





#80

Fluoranthene

Concen: 13.379 ng/ul

RT: 19.315 min Scan# 2779

Delta R.T. 0.000 min

Lab File: BG061368.D

Acq: 30 May 2024 20:36

Instrument :

BNA_G

ClientSampleId :

BH6B2

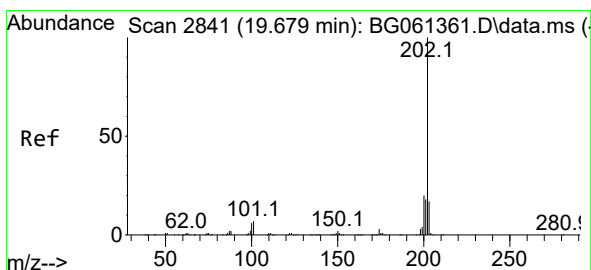
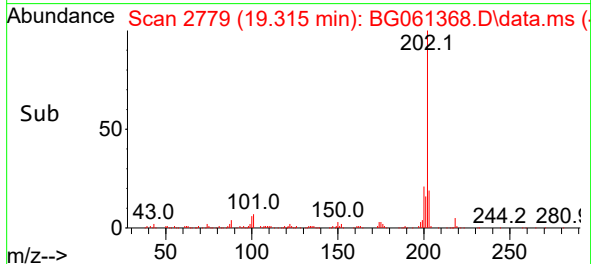
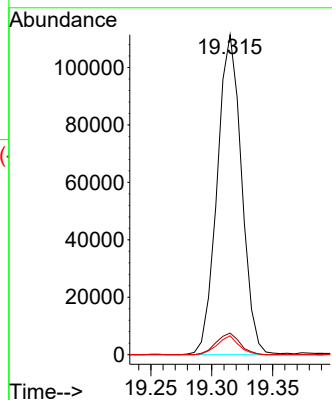
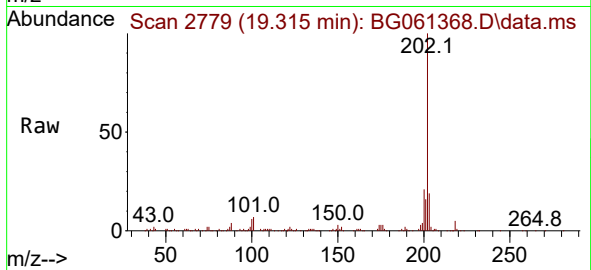
Tgt Ion:202 Resp: 155357

Ion Ratio Lower Upper

202 100

101 6.7 4.8 7.2

100 5.9 4.1 6.1



#82

Pyrene

Concen: 11.732 ng/ul

RT: 19.679 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BG061368.D

Acq: 30 May 2024 20:36

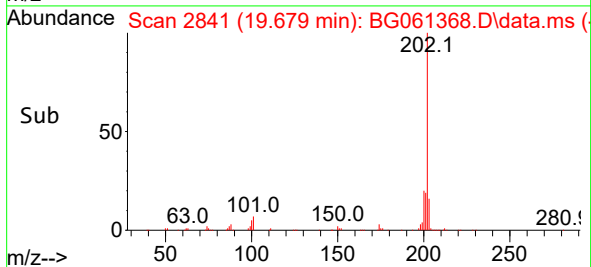
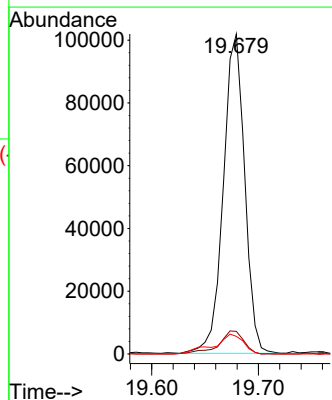
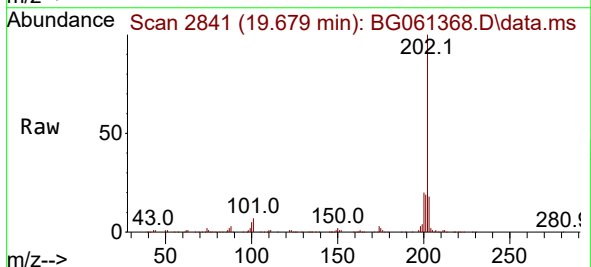
Tgt Ion:202 Resp: 141416

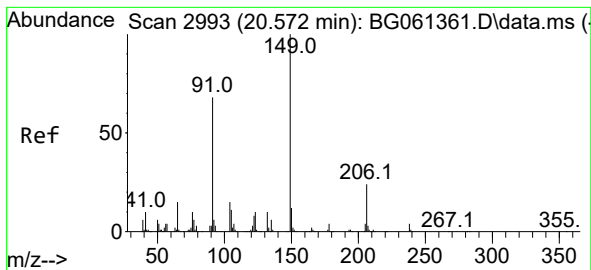
Ion Ratio Lower Upper

202 100

101 7.1 5.7 8.5

100 5.5 5.1 7.7





#83

Butylbenzylphthalate

Concen: 2.127 ng/ul

RT: 20.566 min Scan# 2992

Delta R.T. -0.006 min

Lab File: BG061368.D

Acq: 30 May 2024 20:36

Instrument :

BNA_G

ClientSampleId :

BH6B2

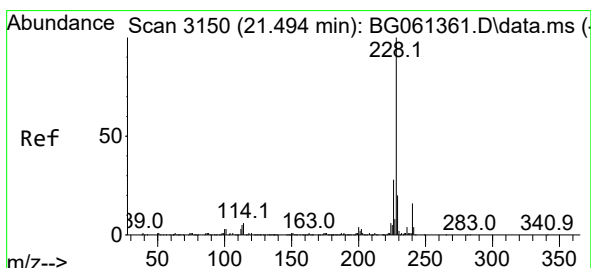
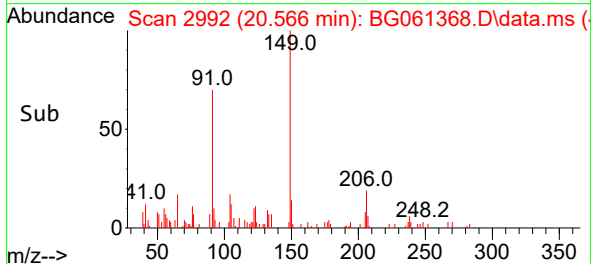
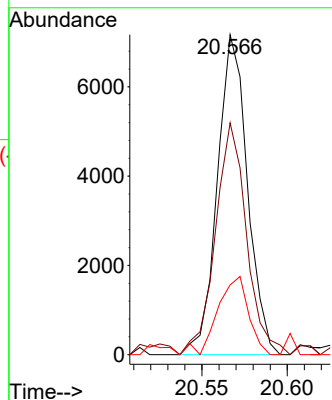
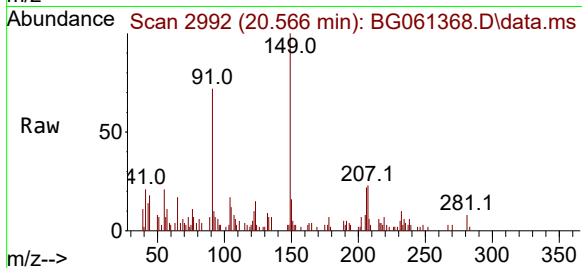
Tgt Ion:149 Resp: 8809

Ion Ratio Lower Upper

149 100

91 72.5 54.8 82.2

206 21.8 19.4 29.0



#85

Benzo(a)anthracene

Concen: 6.527 ng/ul

RT: 21.489 min Scan# 3149

Delta R.T. -0.006 min

Lab File: BG061368.D

Acq: 30 May 2024 20:36

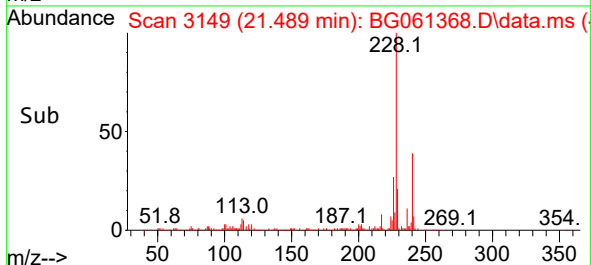
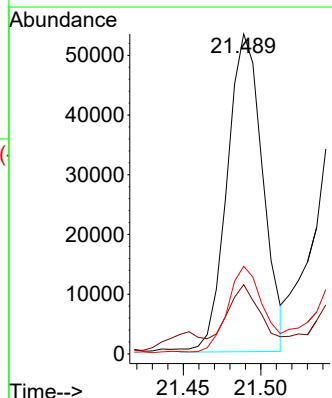
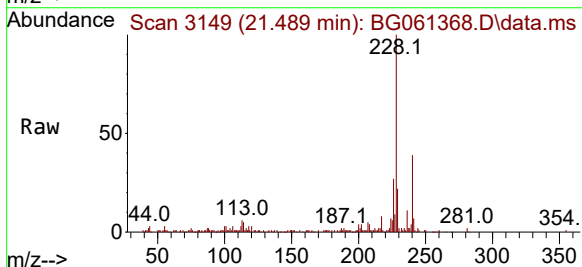
Tgt Ion:228 Resp: 84903

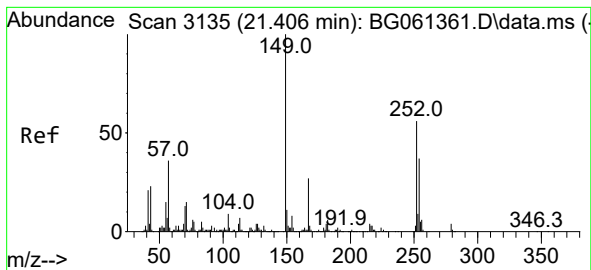
Ion Ratio Lower Upper

228 100

229 21.7 15.2 22.8

226 27.4 21.4 32.2

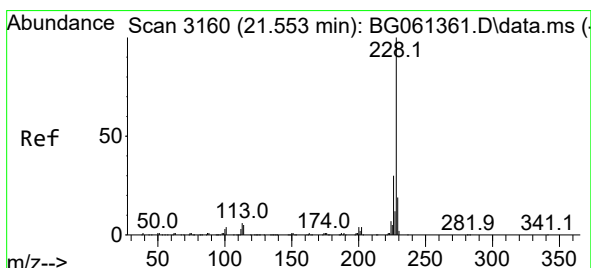
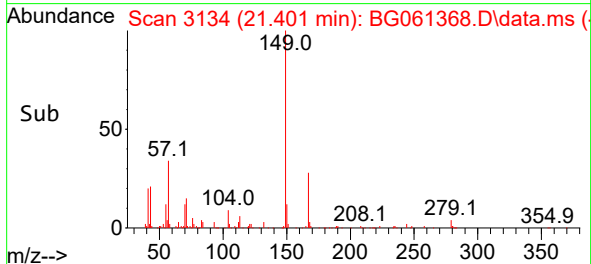
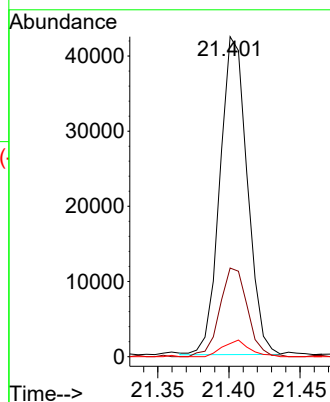
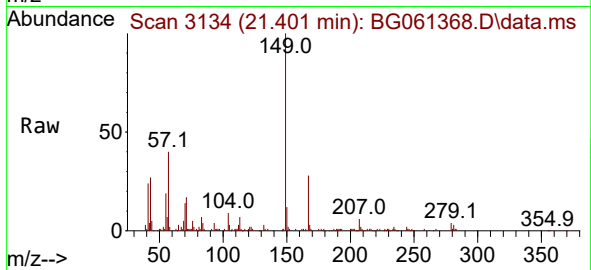




#86
Bis(2-ethylhexyl)phthalate
Concen: 9.231 ng/ul
RT: 21.401 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

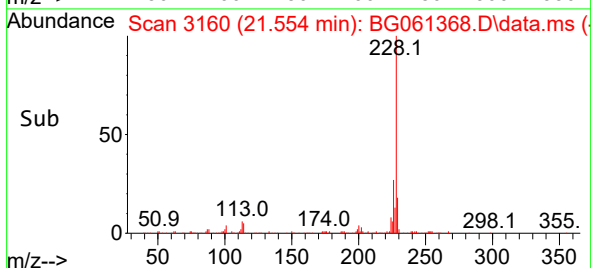
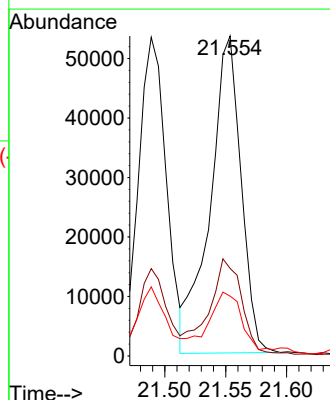
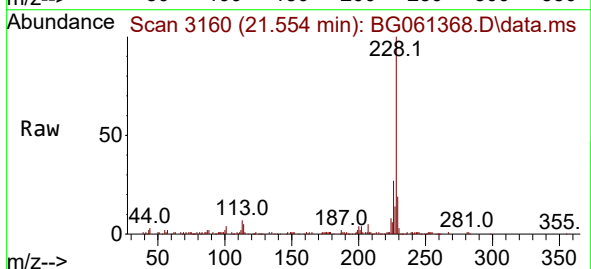
Instrument :
BNA_G
ClientSampleId :
BH6B2

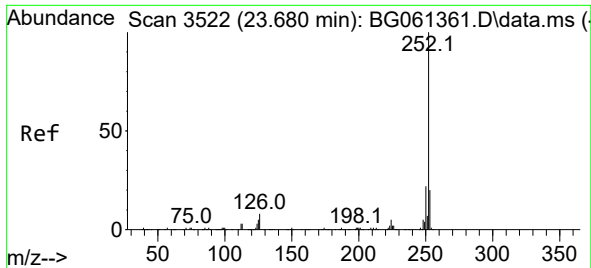
Tgt Ion:149 Resp: 56577
Ion Ratio Lower Upper
149 100
167 27.7 21.1 31.7
279 4.1 3.3 4.9



#87
Chrysene
Concen: 7.860 ng/ul
RT: 21.554 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

Tgt Ion:228 Resp: 94147
Ion Ratio Lower Upper
228 100
226 27.3 23.4 35.0
229 18.7 15.4 23.2

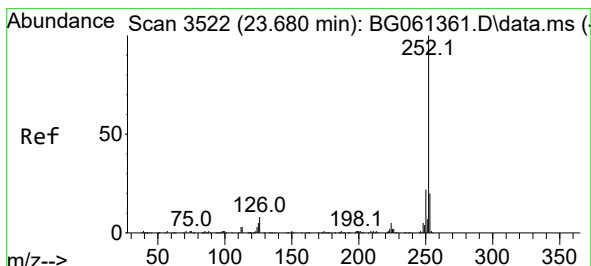
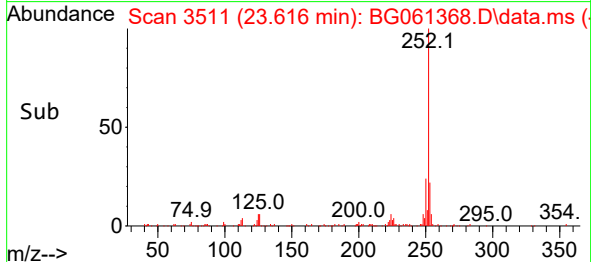
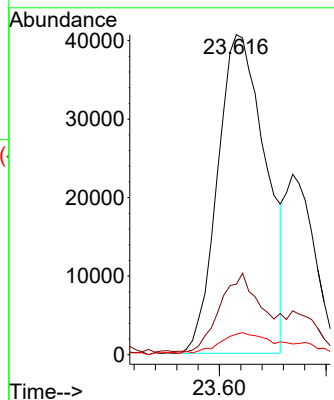
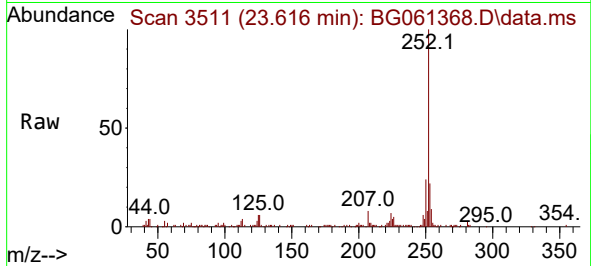




#90
Benzo(b)fluoranthene
Concen: 10.459 ng/ul
RT: 23.616 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

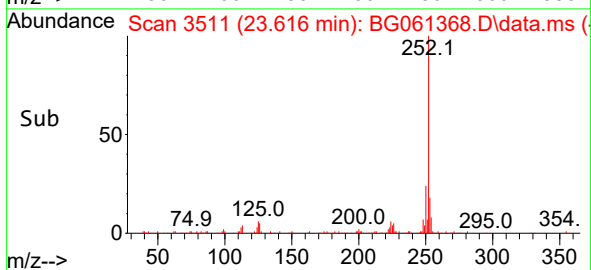
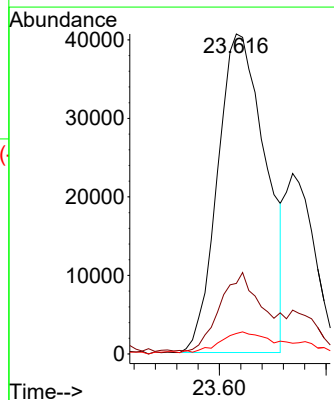
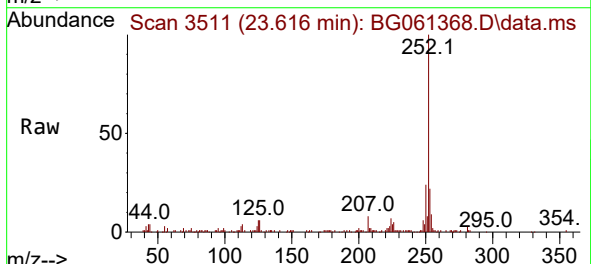
Instrument :
BNA_G
ClientSampleId :
BH6B2

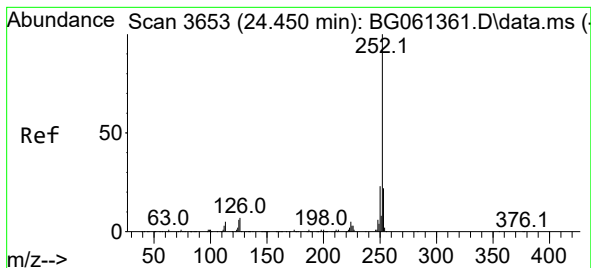
Tgt Ion:252 Resp: 126990
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 6.4 4.6 6.8



#91
Benzo(k)fluoranthene
Concen: 10.302 ng/ul
RT: 23.616 min Scan# 3511
Delta R.T. -0.064 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

Tgt Ion:252 Resp: 126990
Ion Ratio Lower Upper
252 100
253 22.1 16.0 24.0
125 6.4 4.3 6.5





#93

Benzo(a)pyrene

Concen: 8.094 ng/ul

RT: 24.444 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG061368.D

Acq: 30 May 2024 20:36

Instrument :

BNA_G

ClientSampleId :

BH6B2

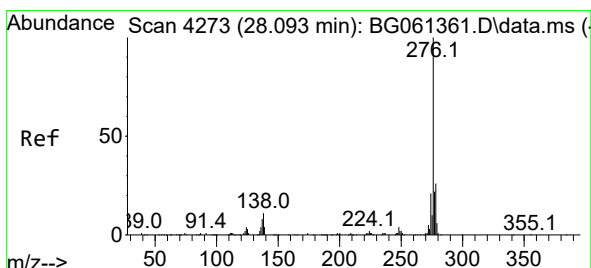
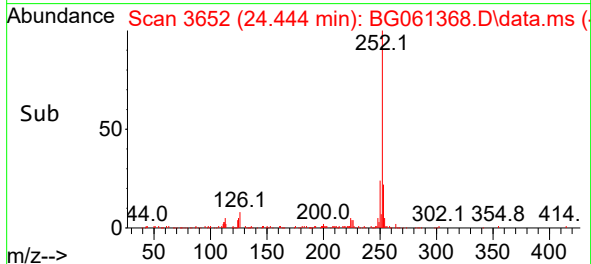
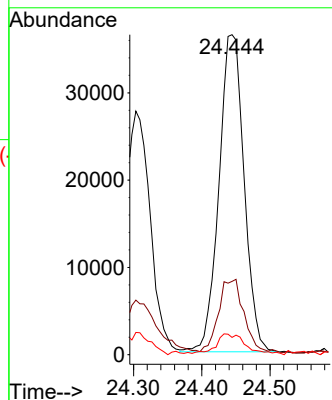
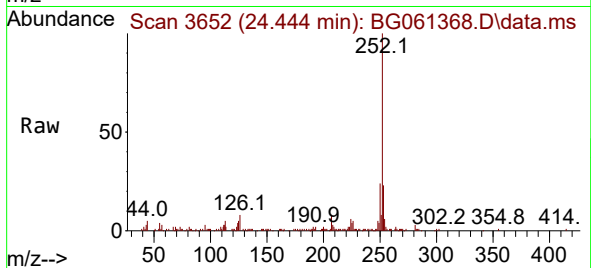
Tgt Ion:252 Resp: 93323

Ion Ratio Lower Upper

252 100

253 22.9 16.4 24.6

125 5.4 4.3 6.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.426 ng/ul

RT: 28.069 min Scan# 4269

Delta R.T. -0.023 min

Lab File: BG061368.D

Acq: 30 May 2024 20:36

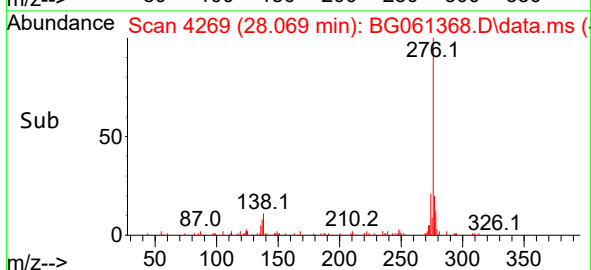
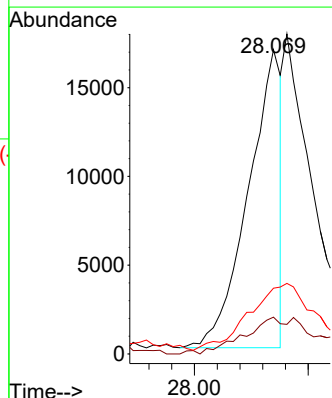
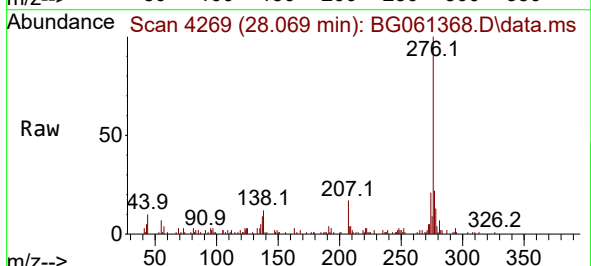
Tgt Ion:276 Resp: 33825

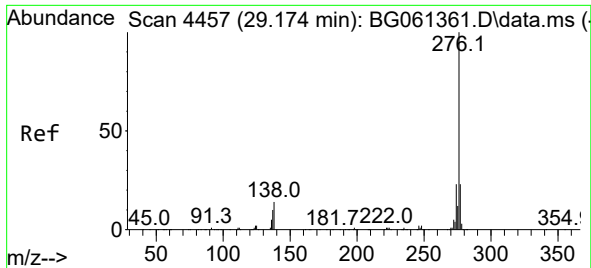
Ion Ratio Lower Upper

276 100

138 12.1 8.6 13.0

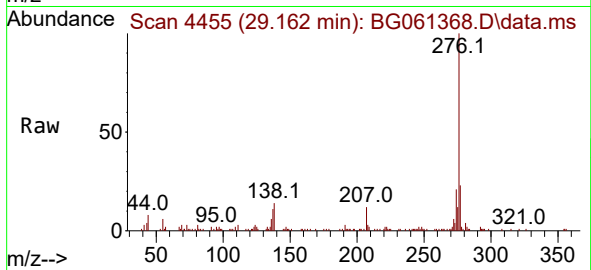
277 21.6 19.7 29.5





#96
 Benzo(g,h,i)perylene
 Concen: 9.519 ng/ul
 RT: 29.162 min Scan# 4455
 Delta R.T. -0.011 min
 Lab File: BG061368.D
 Acq: 30 May 2024 20:36

Instrument :
 BNA_G
 ClientSampleId :
 BH6B2



Tgt Ion:276 Resp: 105582
 Ion Ratio Lower Upper
 276 100
 138 13.7 8.7 13.1#
 277 23.4 18.2 27.2

