

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061309.D
 Acq On : 28 May 2024 21:26
 Operator : MA/JU
 Sample : P2568-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH642

Quant Time: May 28 22:56:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

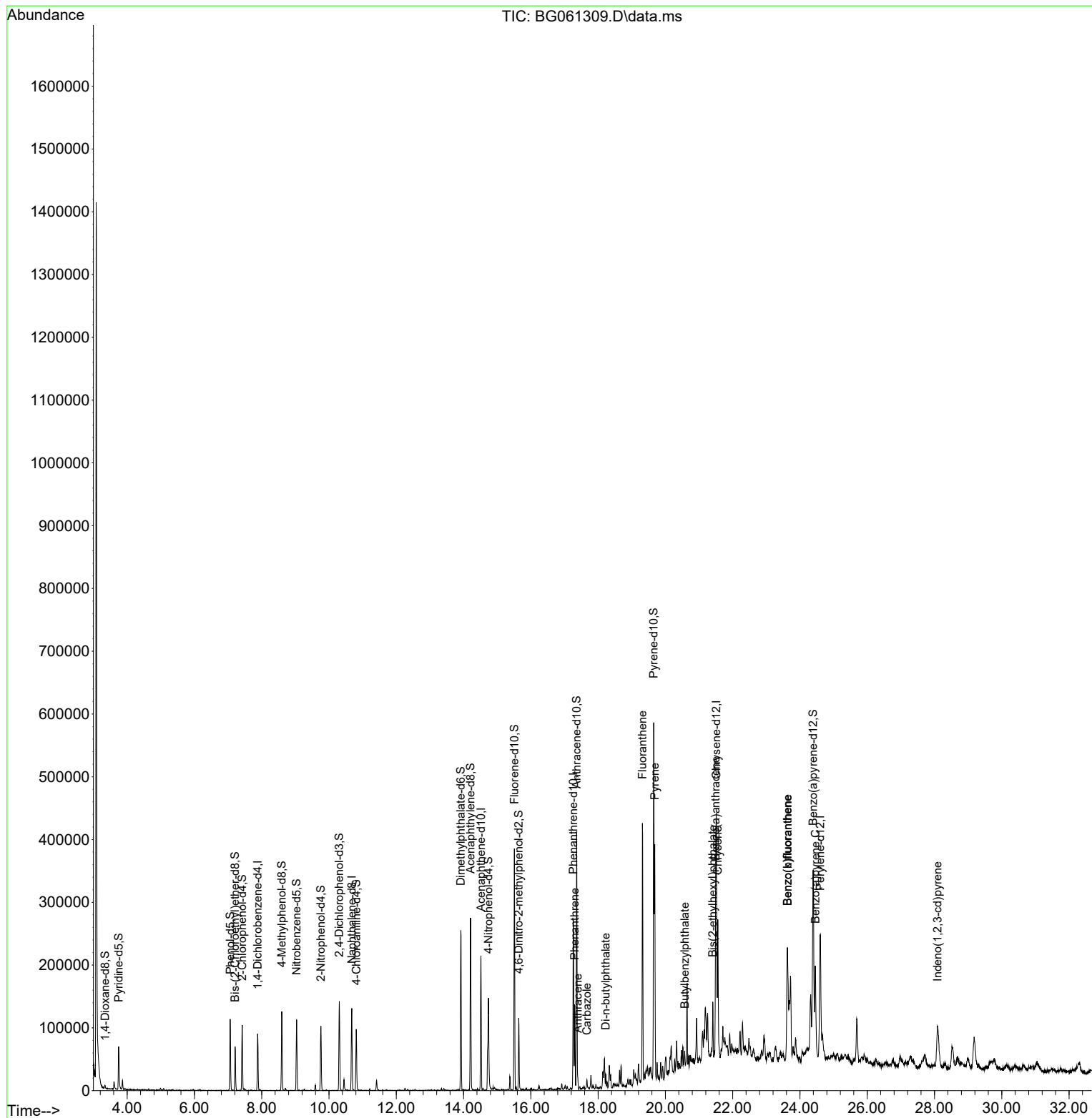
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	23205	20.000	ng/u1	0.00
20) Naphthalene-d8	10.676	136	98862	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.519	164	77402	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	170218	20.000	ng/u1	0.00
79) Chrysene-d12	21.517	240	174020	20.000	ng/u1	0.00
88) Perylene-d12	24.601	264	197869	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	2329	5.617	ng/uL	0.00
4) Pyridine-d5	3.749	84	29689	20.126	ng/u1	0.00
7) Phenol-d5	7.063	99	51709	27.135	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	32243	26.919	ng/u1	0.00
11) 2-Chlorophenol-d4	7.421	132	41117	29.155	ng/u1	0.00
15) 4-Methylphenol-d8	8.597	113	42105	25.912	ng/u1	0.00
21) Nitrobenzene-d5	9.037	128	21988	28.887	ng/u1	0.00
24) 2-Nitrophenol-d4	9.760	143	26674	29.943	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	50656	29.168	ng/u1	0.00
31) 4-Chloroaniline-d4	10.812	131	46460	20.448	ng/u1	0.00
46) Dimethylphthalate-d6	13.920	166	170724	28.439	ng/u1	0.00
49) Acenaphthylene-d8	14.208	160	187402	30.027	ng/u1	0.00
54) 4-Nitrophenol-d4	14.742	143	18121	24.416	ng/u1	0.00
60) Fluorene-d10	15.512	176	151962	29.320	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	23550	22.875	ng/u1	0.00
73) Anthracene-d10	17.363	188	233960	31.176	ng/u1	0.00
81) Pyrene-d10	19.654	212	288868	32.329	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.390	264	303637	31.919	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.304	178	82770	10.019	ng/u1	97
74) Anthracene	17.398	178	12672	1.483	ng/u1	96
77) Carbazole	17.668	167	9521	1.370	ng/u1	98
78) Di-n-butylphthalate	18.226	149	12654	1.454	ng/u1#	96
80) Fluoranthene	19.319	202	266481	24.861	ng/u1	100
82) Pyrene	19.683	202	238233	21.412	ng/u1#	98
83) Butylbenzylphthalate	20.577	149	7109	1.860	ng/u1	91
85) Benzo(a)anthracene	21.493	228	153992	12.825	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.411	149	32565	5.756	ng/u1	94
87) Chrysene	21.558	228	162668	14.713	ng/u1	95
90) Benzo(b)fluoranthene	23.632	252	201593	17.112	ng/u1	99
91) Benzo(k)fluoranthene	23.632	252	201593	16.856	ng/u1	95
93) Benzo(a)pyrene	24.460	252	143669	12.843	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.091	276	107162	7.921	ng/u1	99

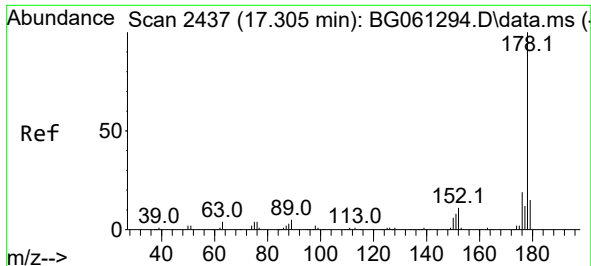
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061309.D
Acq On : 28 May 2024 21:26
Operator : MA/JU
Sample : P2568-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH642

Quant Time: May 28 22:56:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

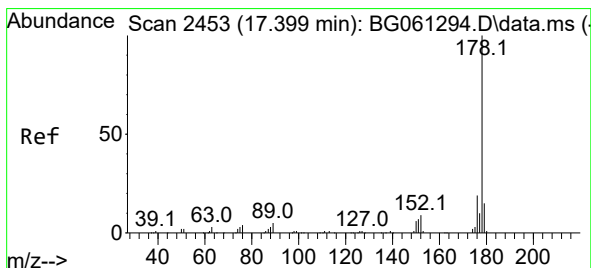
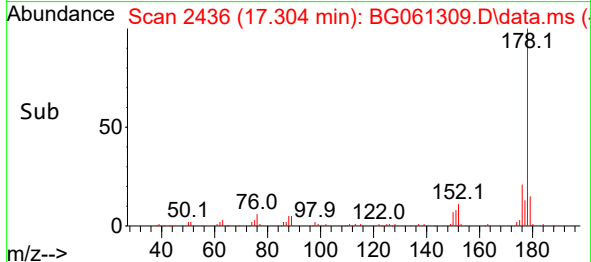
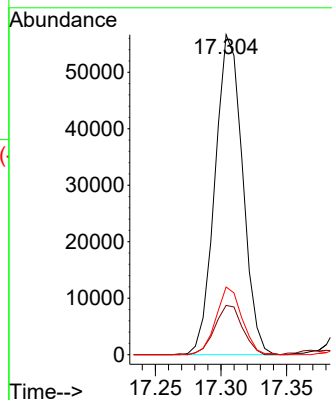
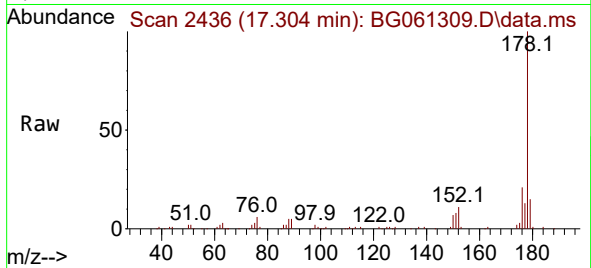




#72
Phenanthrene
Concen: 10.019 ng/ul
RT: 17.304 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

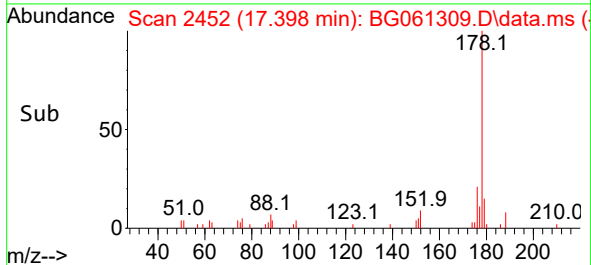
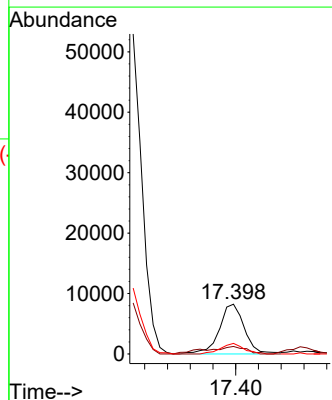
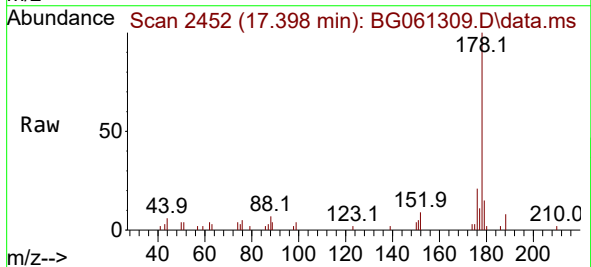
Instrument :
BNA_G
ClientSampleId :
BH642

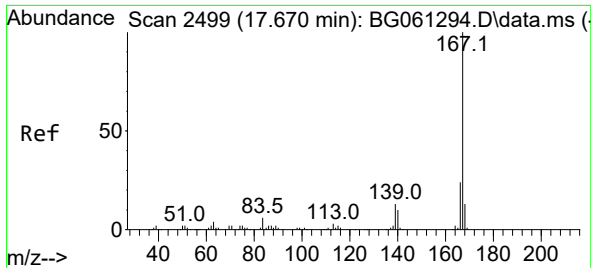
Tgt Ion:178 Resp: 82770
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 21.1 15.5 23.3



#74
Anthracene
Concen: 1.483 ng/ul
RT: 17.398 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

Tgt Ion:178 Resp: 12672
Ion Ratio Lower Upper
178 100
179 15.2 11.8 17.6
176 21.1 14.9 22.3

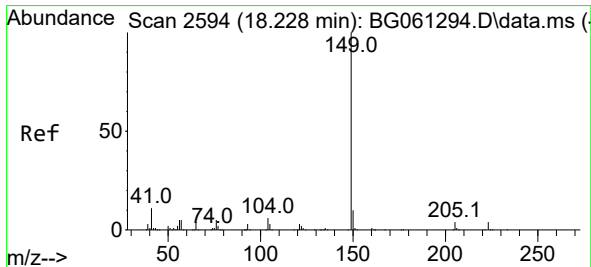
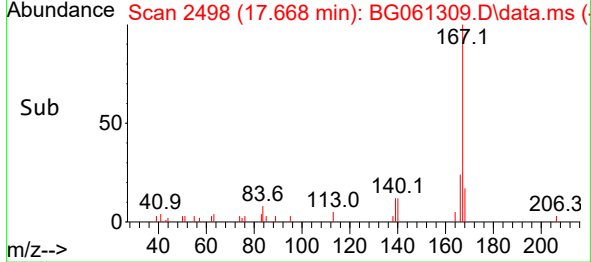
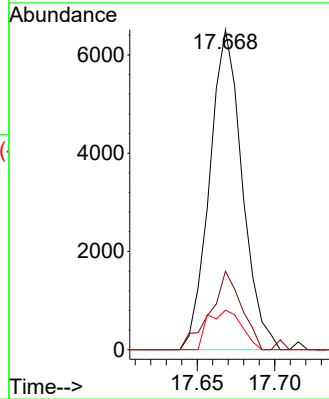
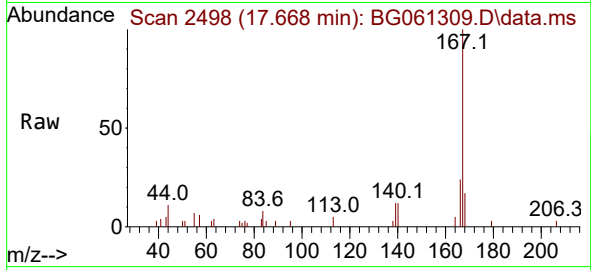




#77
 Carbazole
 Concen: 1.370 ng/ul
 RT: 17.668 min Scan# 2499
 Delta R.T. -0.009 min
 Lab File: BG061309.D
 Acq: 28 May 2024 21:26

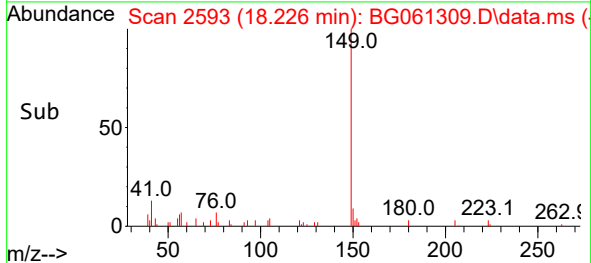
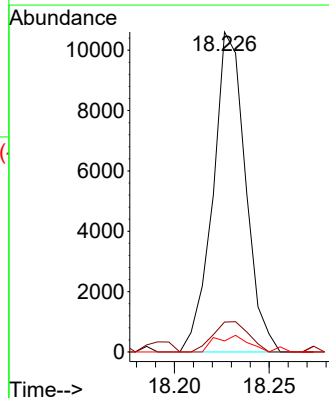
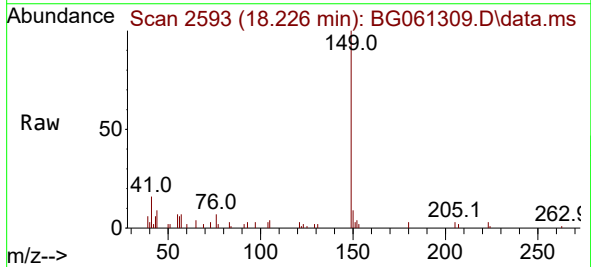
Instrument :
 BNA_G
 ClientSampleId :
 BH642

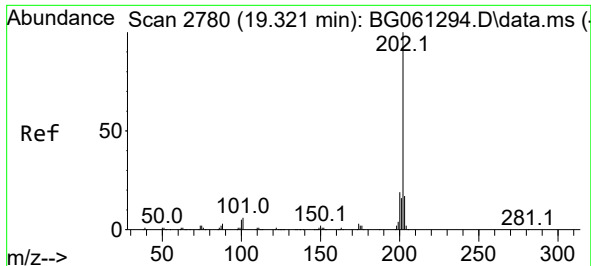
Tgt Ion:167	Resp:	9521
Ion	Ratio	Lower Upper
167	100	
166	24.5	18.6 28.0
139	12.3	10.6 15.8



#78
 Di-n-butylphthalate
 Concen: 1.454 ng/ul
 RT: 18.226 min Scan# 2593
 Delta R.T. -0.009 min
 Lab File: BG061309.D
 Acq: 28 May 2024 21:26

Tgt Ion:149	Resp:	12654
Ion	Ratio	Lower Upper
149	100	
150	9.4	7.8 11.8
104	3.4	4.8 7.2#

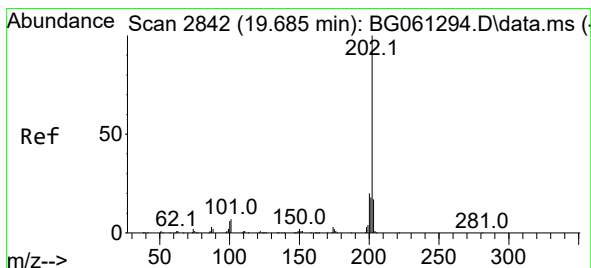
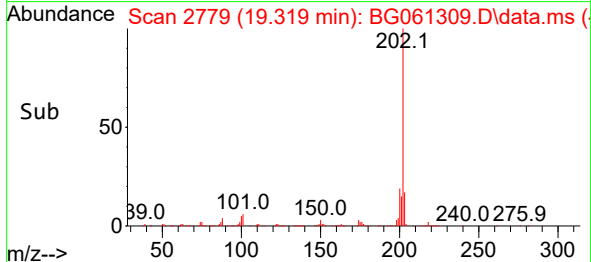
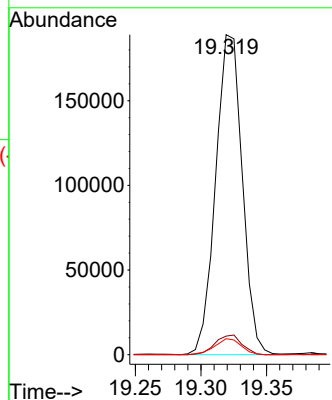
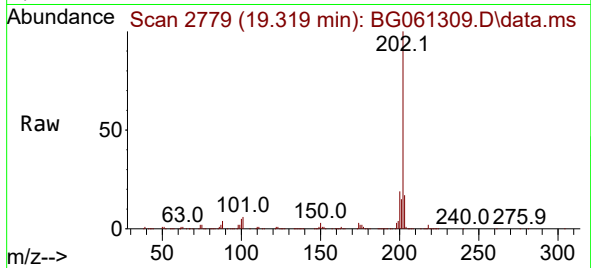




#80
Fluoranthene
Concen: 24.861 ng/ul
RT: 19.319 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

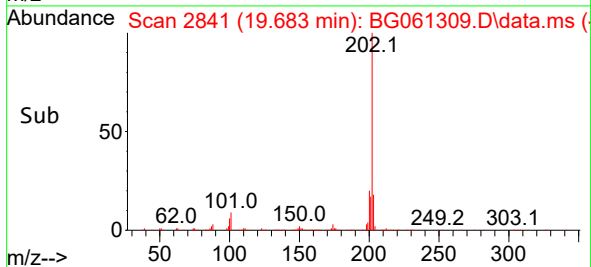
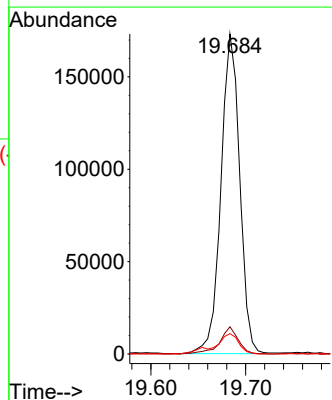
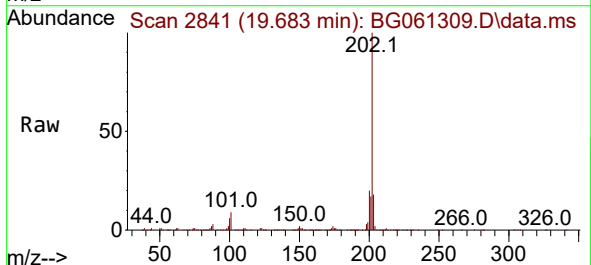
Instrument :
BNA_G
ClientSampleId :
BH642

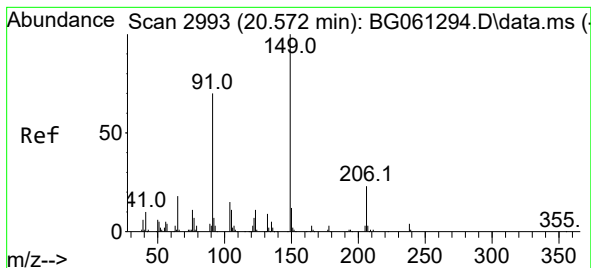
Tgt Ion:202 Resp: 266481
Ion Ratio Lower Upper
202 100
101 5.8 4.8 7.2
100 5.0 4.1 6.1



#82
Pyrene
Concen: 21.412 ng/ul
RT: 19.683 min Scan# 2841
Delta R.T. -0.003 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

Tgt Ion:202 Resp: 238233
Ion Ratio Lower Upper
202 100
101 8.5 5.7 8.5#
100 6.4 5.1 7.7





#83

Butylbenzylphthalate

Concen: 1.860 ng/ul

RT: 20.577 min Scan# 2993

Delta R.T. -0.003 min

Lab File: BG061309.D

Acq: 28 May 2024 21:26

Instrument :

BNA_G

ClientSampleId :

BH642

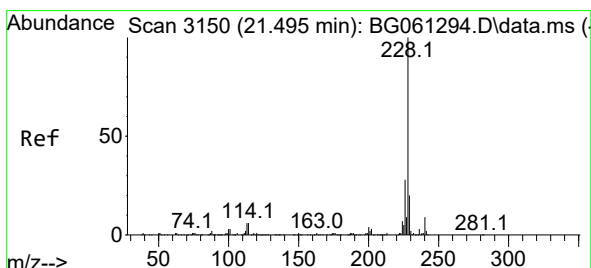
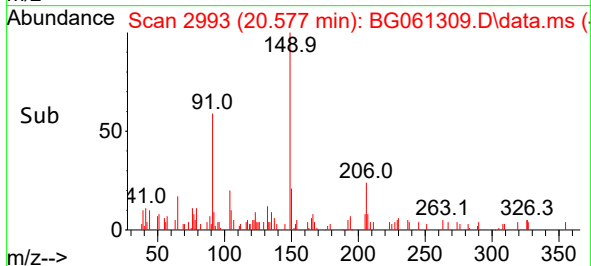
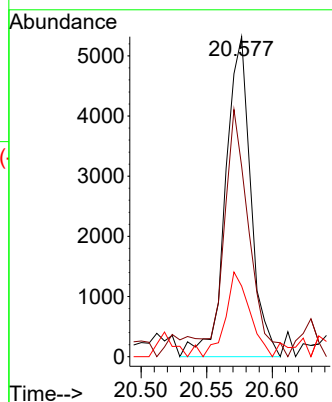
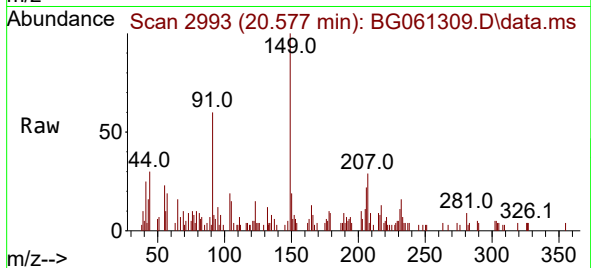
Tgt Ion:149 Resp: 7109

Ion Ratio Lower Upper

149 100

91 59.5 54.8 82.2

206 22.0 19.4 29.0



#85

Benzo(a)anthracene

Concen: 12.825 ng/ul

RT: 21.493 min Scan# 3149

Delta R.T. -0.009 min

Lab File: BG061309.D

Acq: 28 May 2024 21:26

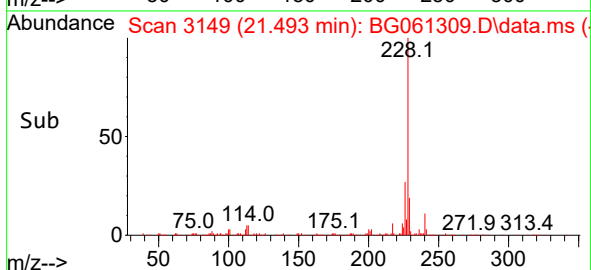
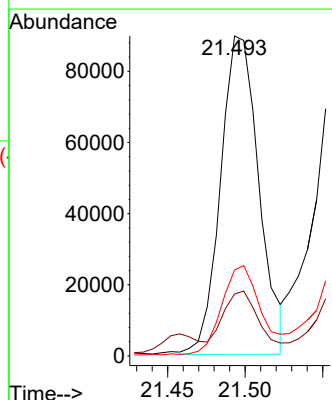
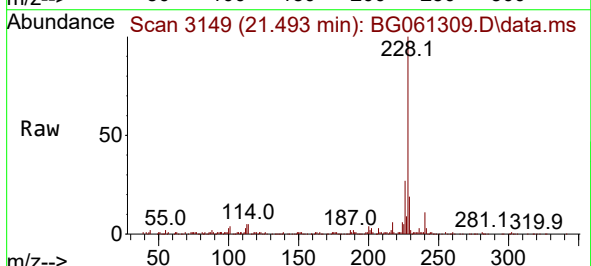
Tgt Ion:228 Resp: 153992

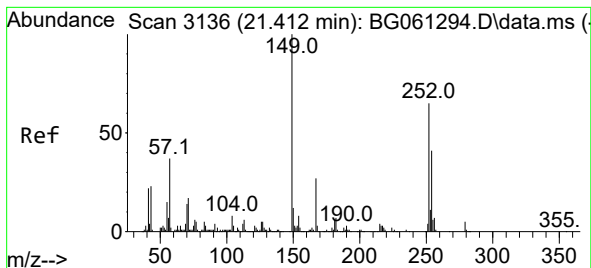
Ion Ratio Lower Upper

228 100

229 19.3 15.2 22.8

226 26.9 21.4 32.2

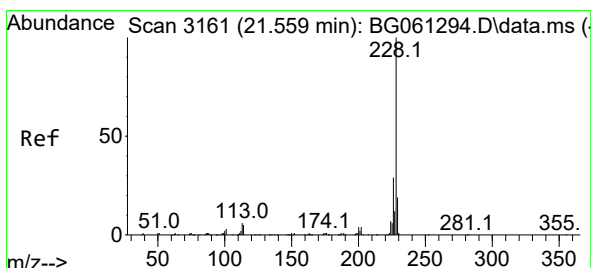
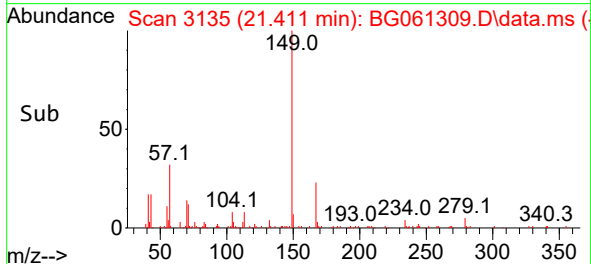
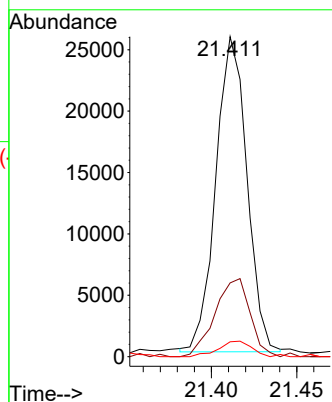
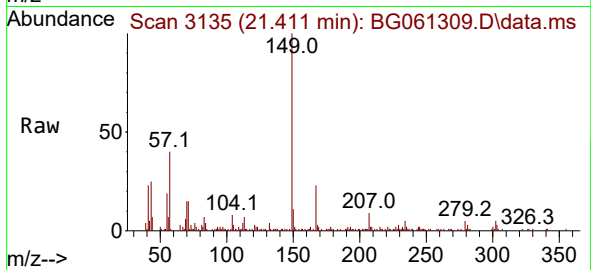




#86
Bis(2-ethylhexyl)phthalate
Concen: 5.756 ng/ul
RT: 21.411 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

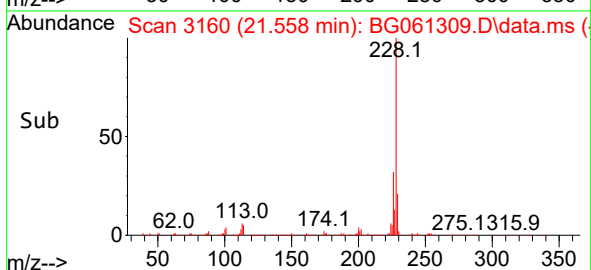
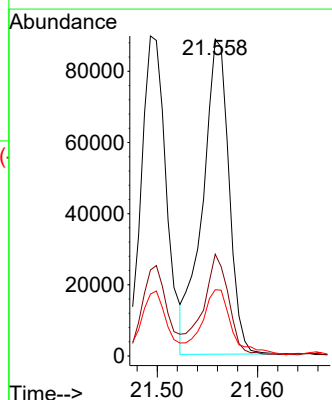
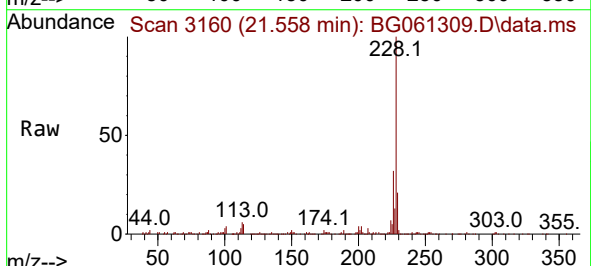
Instrument :
BNA_G
ClientSampleId :
BH642

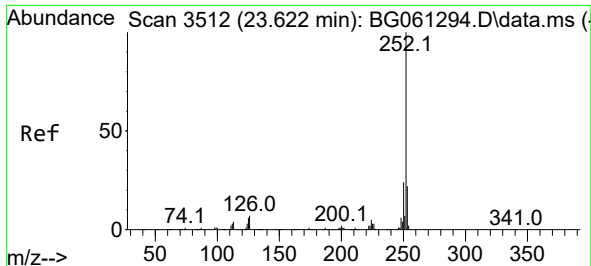
Tgt Ion:149 Resp: 32565
Ion Ratio Lower Upper
149 100
167 23.0 21.1 31.7
279 4.6 3.3 4.9



#87
Chrysene
Concen: 14.713 ng/ul
RT: 21.558 min Scan# 3160
Delta R.T. -0.009 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

Tgt Ion:228 Resp: 162668
Ion Ratio Lower Upper
228 100
226 32.2 23.4 35.0
229 20.9 15.4 23.2

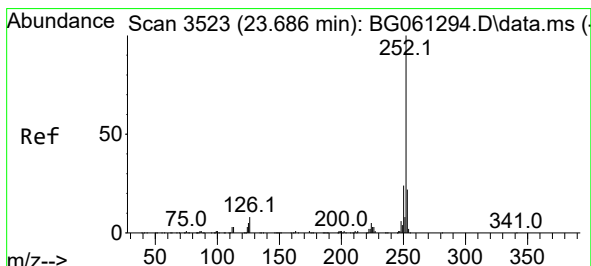
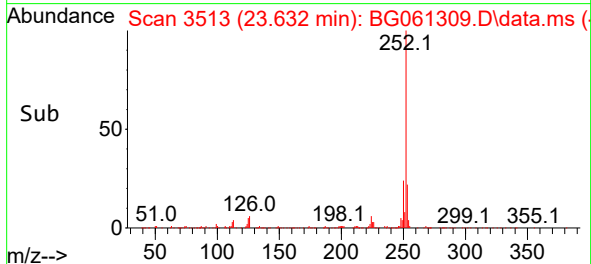
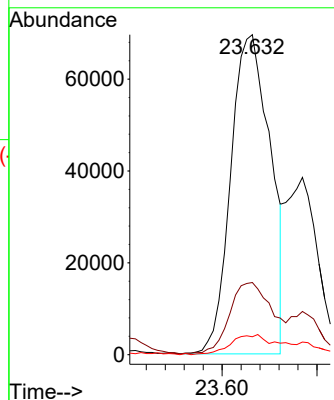
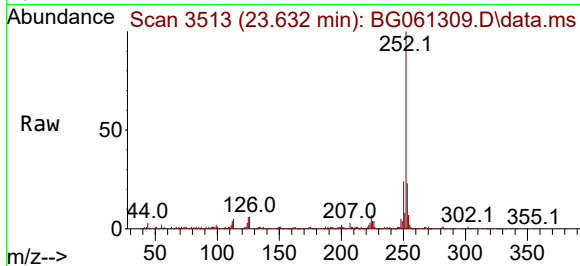




#90
Benzo(b)fluoranthene
Concen: 17.112 ng/ul
RT: 23.632 min Scan# 3513
Delta R.T. 0.003 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

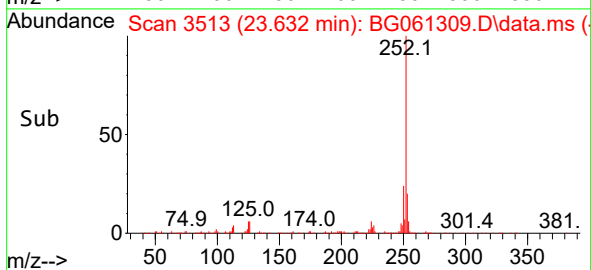
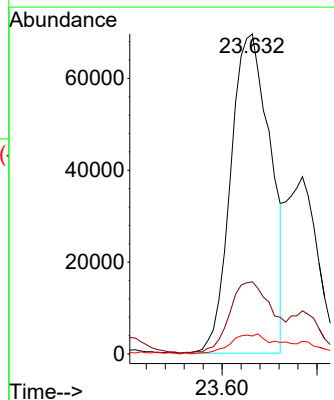
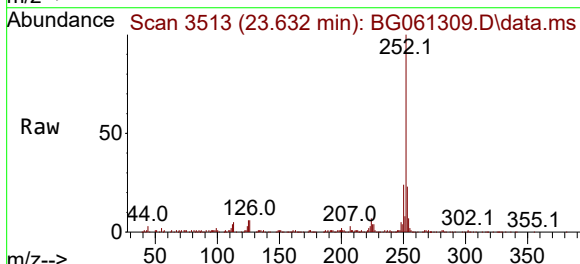
Instrument :
BNA_G
ClientSampleId :
BH642

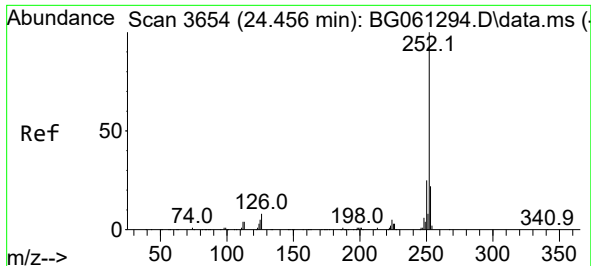
Tgt Ion:252 Resp: 201593
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 5.6 4.6 6.8



#91
Benzo(k)fluoranthene
Concen: 16.856 ng/ul
RT: 23.632 min Scan# 3513
Delta R.T. -0.062 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

Tgt Ion:252 Resp: 201593
Ion Ratio Lower Upper
252 100
253 22.6 16.0 24.0
125 5.6 4.3 6.5

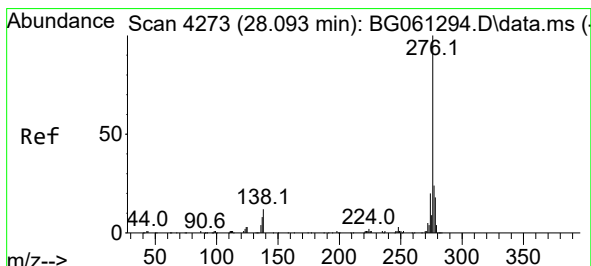
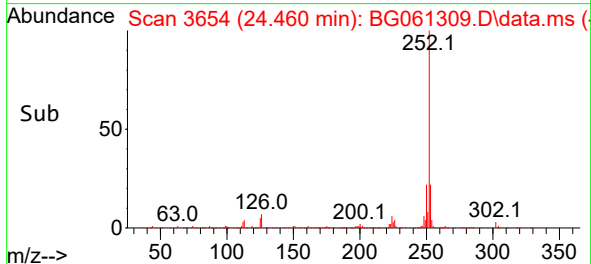
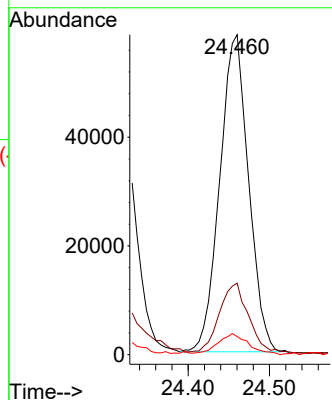
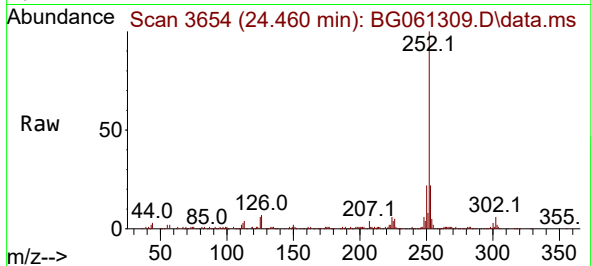




#93
Benzo(a)pyrene
Concen: 12.843 ng/ul
RT: 24.460 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

Instrument :
BNA_G
ClientSampleId :
BH642

Tgt Ion:252 Resp: 143669
Ion Ratio Lower Upper
252 100
253 22.4 16.4 24.6
125 5.7 4.3 6.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 7.921 ng/ul
RT: 28.091 min Scan# 4272
Delta R.T. -0.015 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

Tgt Ion:276 Resp: 107162
Ion Ratio Lower Upper
276 100
138 9.7 8.6 13.0
277 24.8 19.7 29.5

