

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061370.D
 Acq On : 30 May 2024 21:58
 Operator : MA/JU
 Sample : P2570-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH653

Quant Time: May 30 22:57:42 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)

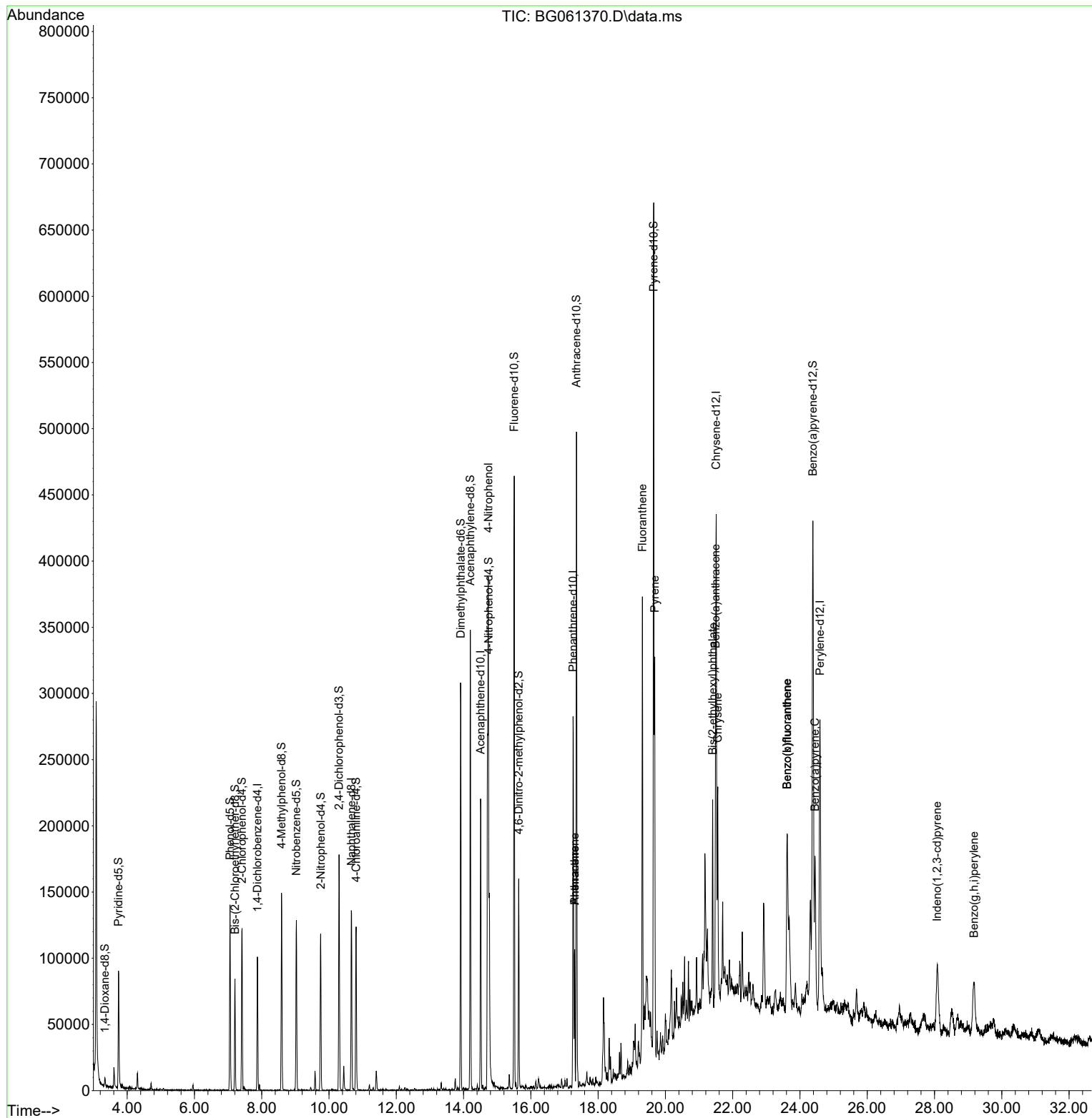
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	25513	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	103645	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.506	164	78025	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.256	188	178810	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.509	240	185778	20.000	ng/ul	0.00
88) Perylene-d12	24.594	264	209739	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	3098	6.795	ng/uL	0.00
4) Pyridine-d5	3.742	84	38855	23.957	ng/ul	0.00
7) Phenol-d5	7.056	99	61387	29.300	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	38397	29.157	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132	50391	32.498	ng/ul	0.00
15) 4-Methylphenol-d8	8.589	113	48538	27.169	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128	25203	31.583	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	29800	31.908	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	61043	33.527	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	57850	24.286	ng/ul	0.00
46) Dimethylphthalate-d6	13.912	166	199770	33.012	ng/ul	0.00
49) Acenaphthylene-d8	14.200	160	219291	34.856	ng/ul	0.00
54) 4-Nitrophenol-d4	14.741	143	22417	29.963	ng/ul	0.00
60) Fluorene-d10	15.505	176	184095	35.236	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	34825	32.201	ng/ul	0.00
73) Anthracene-d10	17.355	188	297306	37.714	ng/ul	0.00
81) Pyrene-d10	19.653	212	349995	36.691	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.383	264	383604	38.043	ng/ul	0.00
Target Compounds					Qvalue	
55) 4-Nitrophenol	14.735	109	1475	1.677	ng/ul#	40
72) Phenanthrene	17.303	178	64355	7.415	ng/ul	97
74) Anthracene	17.303	178	64355	7.172	ng/ul	99
80) Fluoranthene	19.318	202	208314	18.204	ng/ul	100
82) Pyrene	19.682	202	190845	16.067	ng/ul	99
85) Benzo(a)anthracene	21.492	228	108141	8.436	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.404	149	54340	8.997	ng/ul	94
87) Chrysene	21.556	228	119713	10.142	ng/ul	94
90) Benzo(b)fluoranthene	23.619	252	166049	13.297	ng/ul	98
91) Benzo(k)fluoranthene	23.619	252	166058	13.099	ng/ul	94
93) Benzo(a)pyrene	24.447	252	115164	9.712	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.078	276	82104	5.726	ng/ul#	96
96) Benzo(g,h,i)perylene	29.171	276	81409	7.136	ng/ul	98

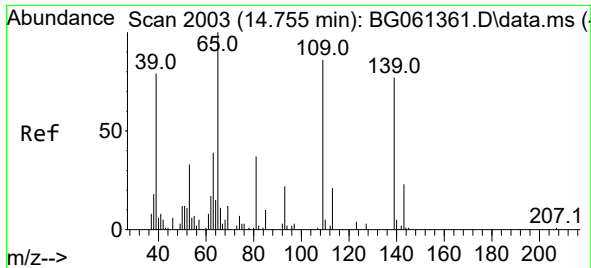
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061370.D
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

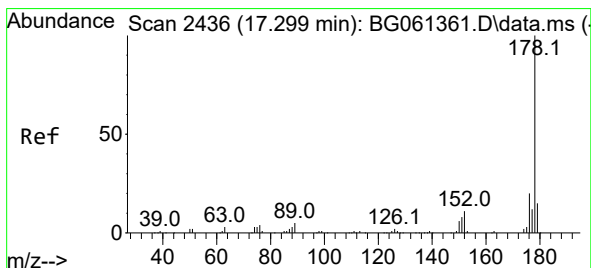
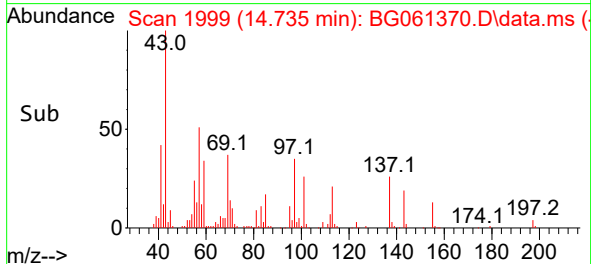
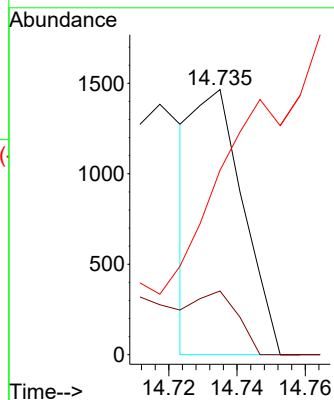
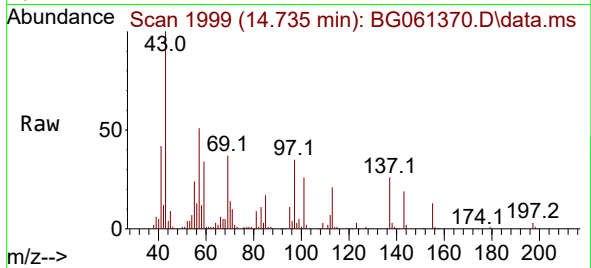




#55
4-Nitrophenol
Concen: 1.677 ng/ul
RT: 14.735 min Scan# 1999
Delta R.T. -0.020 min
Lab File: BG061370.D
Acq: 30 May 2024 21:58

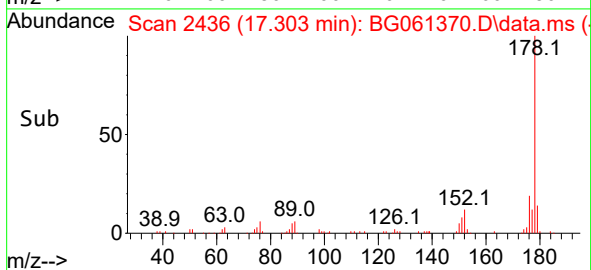
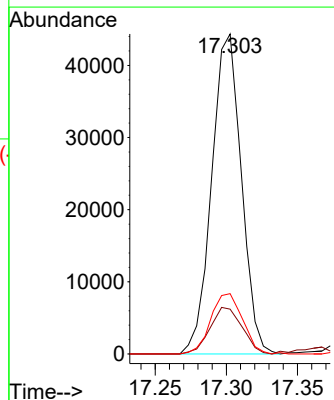
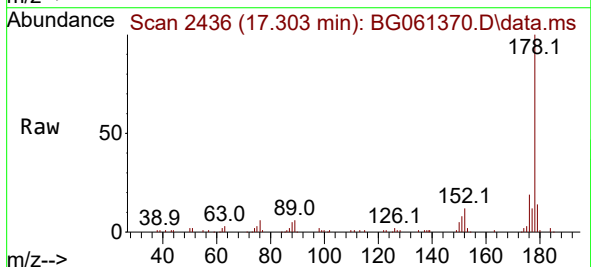
Instrument :
BNA_G
ClientSampleId :
BH653

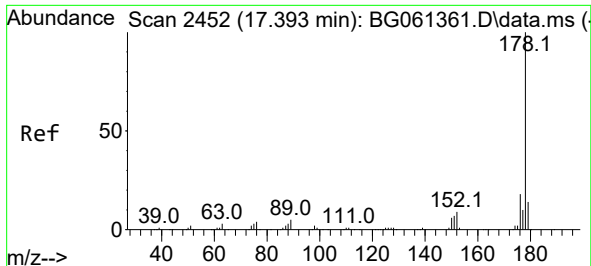
Tgt Ion:109 Resp: 1475
Ion Ratio Lower Upper
109 100
139 24.0 74.9 112.3#
65 69.6 104.0 156.0#



#72
Phenanthrene
Concen: 7.415 ng/ul
RT: 17.303 min Scan# 2436
Delta R.T. 0.003 min
Lab File: BG061370.D
Acq: 30 May 2024 21:58

Tgt Ion:178 Resp: 64355
Ion Ratio Lower Upper
178 100
179 14.0 12.7 19.1
176 18.9 15.5 23.3

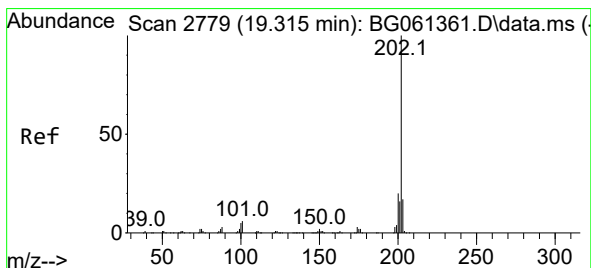
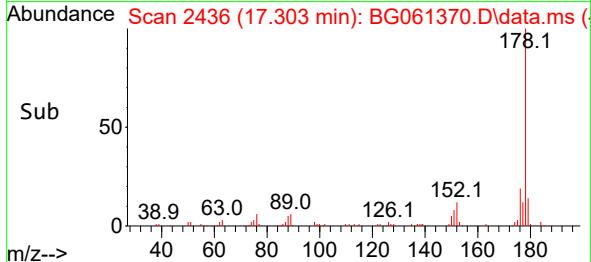
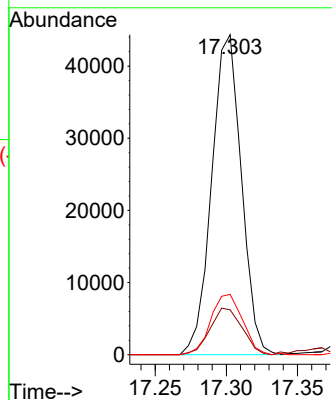
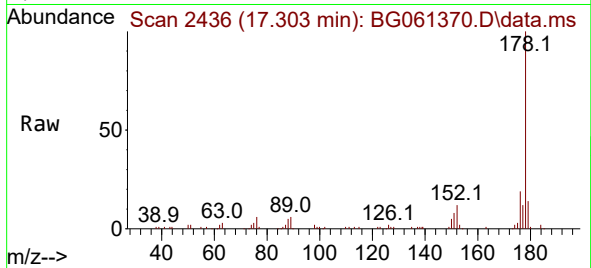




#74
 Anthracene
 Concen: 7.172 ng/ul
 RT: 17.303 min Scan# 2436
 Delta R.T. -0.091 min
 Lab File: BG061370.D
 Acq: 30 May 2024 21:58

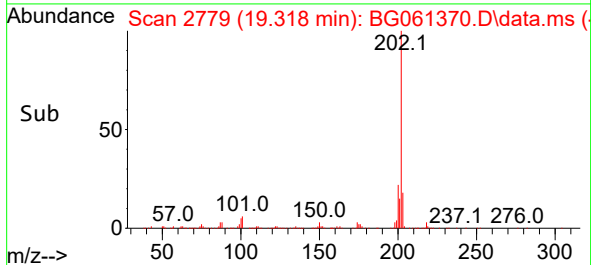
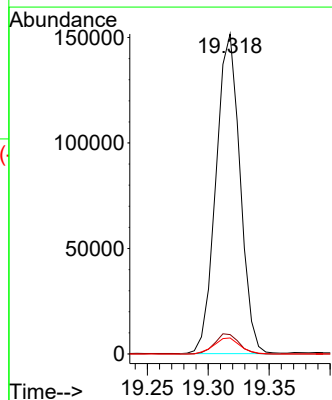
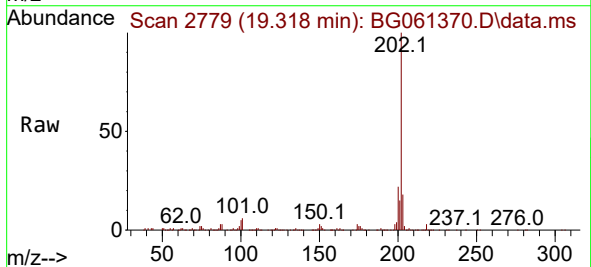
Instrument :
 BNA_G
 ClientSampleId :
 BH653

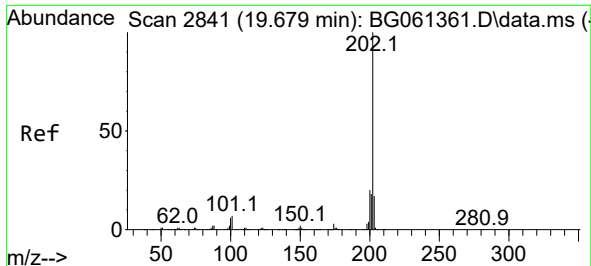
Tgt Ion:178 Resp: 64355
 Ion Ratio Lower Upper
 178 100
 179 14.0 11.8 17.6
 176 18.9 14.9 22.3



#80
 Fluoranthene
 Concen: 18.204 ng/ul
 RT: 19.318 min Scan# 2779
 Delta R.T. 0.003 min
 Lab File: BG061370.D
 Acq: 30 May 2024 21:58

Tgt Ion:202 Resp: 208314
 Ion Ratio Lower Upper
 202 100
 101 6.0 4.8 7.2
 100 5.0 4.1 6.1

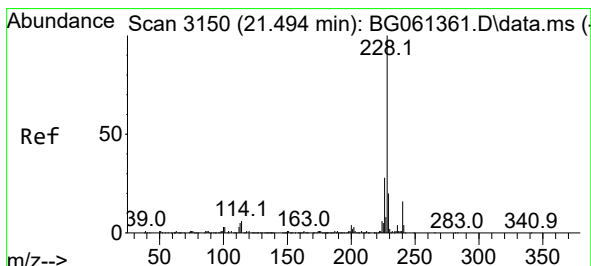
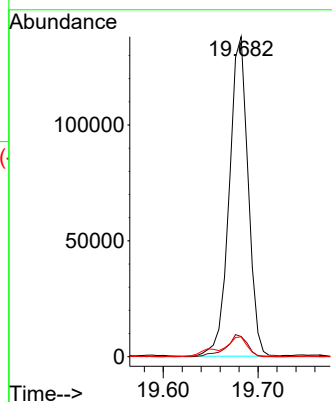
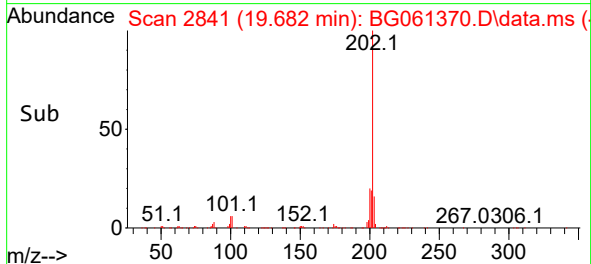
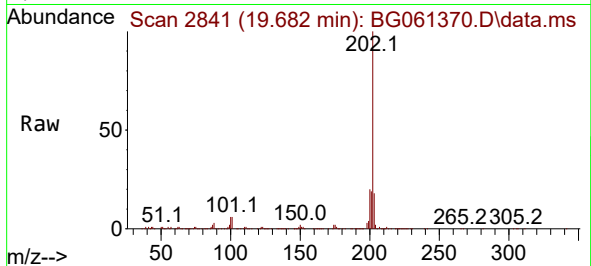




#82
 Pyrene
 Concen: 16.067 ng/ul
 RT: 19.682 min Scan# 2149
 Delta R.T. 0.003 min
 Lab File: BG061370.D
 Acq: 30 May 2024 21:58

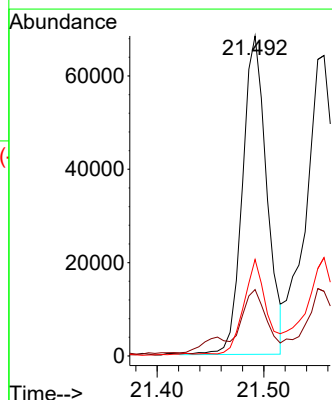
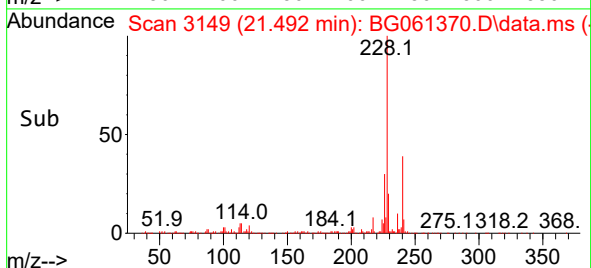
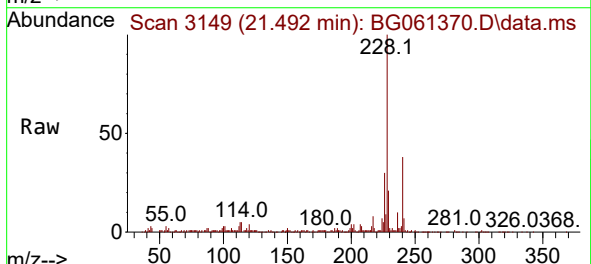
Instrument :
 BNA_G
 ClientSampleId :
 BH653

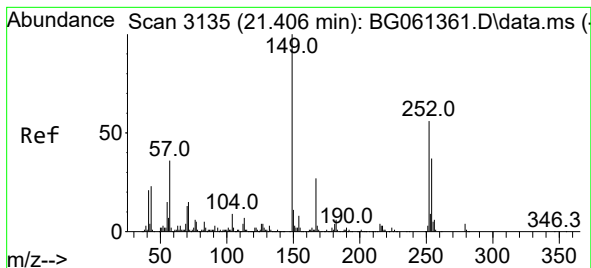
Tgt Ion:202 Resp: 190845
 Ion Ratio Lower Upper
 202 100
 101 6.3 5.7 8.5
 100 6.2 5.1 7.7



#85
 Benzo(a)anthracene
 Concen: 8.436 ng/ul
 RT: 21.492 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: BG061370.D
 Acq: 30 May 2024 21:58

Tgt Ion:228 Resp: 108141
 Ion Ratio Lower Upper
 228 100
 229 20.8 15.2 22.8
 226 30.2 21.4 32.2

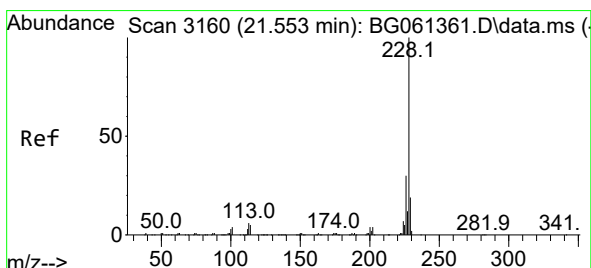
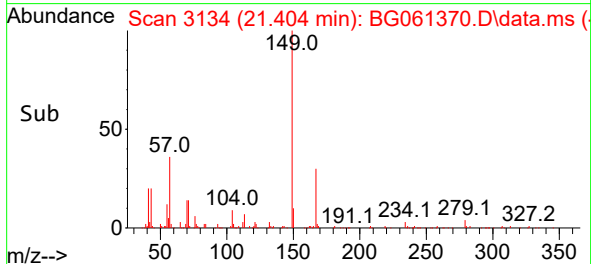
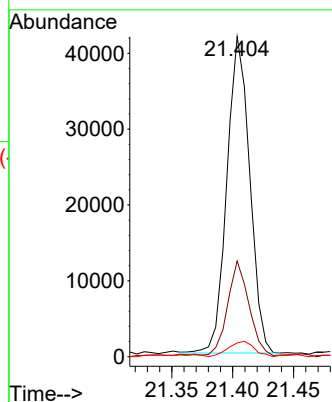
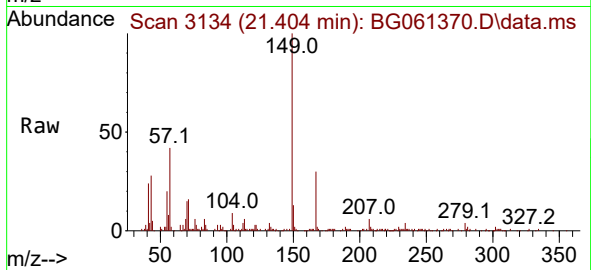




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 8.997 ng/ul
 RT: 21.404 min Scan# 3135
 Delta R.T. -0.003 min
 Lab File: BG061370.D
 Acq: 30 May 2024 21:58

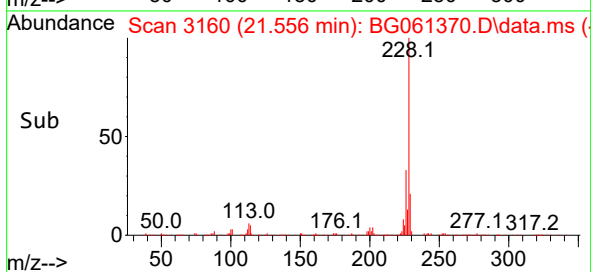
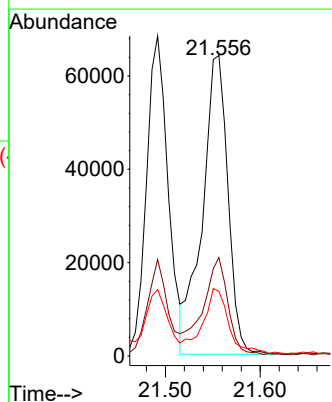
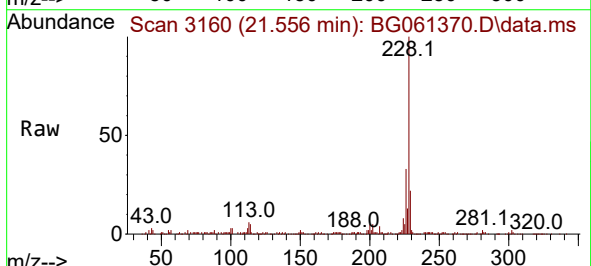
Instrument :
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 ClientSampleId :
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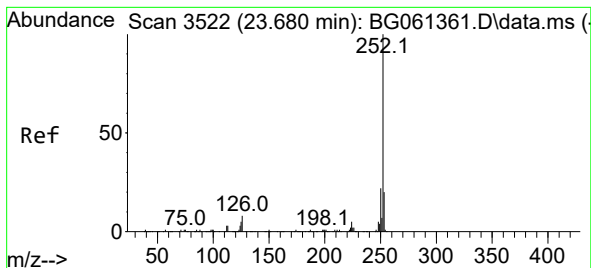
Tgt Ion:149 Resp: 54340
 Ion Ratio Lower Upper
 149 100
 167 29.9 21.1 31.7
 279 4.3 3.3 4.9



#87
 Chrysene
 Concen: 10.142 ng/ul
 RT: 21.556 min Scan# 3160
 Delta R.T. 0.003 min
 Lab File: BG061370.D
 Acq: 30 May 2024 21:58

Tgt Ion:228 Resp: 119713
 Ion Ratio Lower Upper
 228 100
 226 32.7 23.4 35.0
 229 21.5 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 13.297 ng/ul

RT: 23.619 min Scan# 3511

Delta R.T. 0.003 min

Lab File: BG061370.D

Acq: 30 May 2024 21:58

Instrument :

BNA_G

ClientSampleId :

BH653

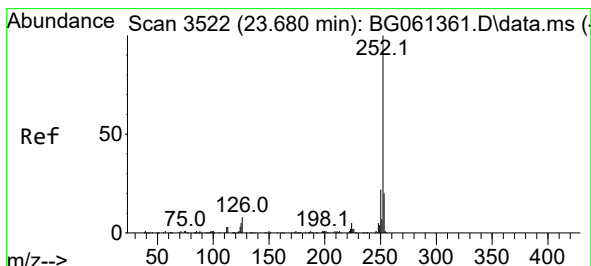
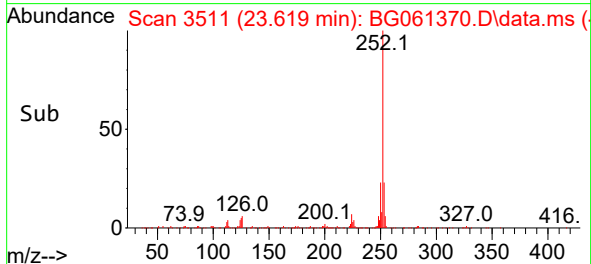
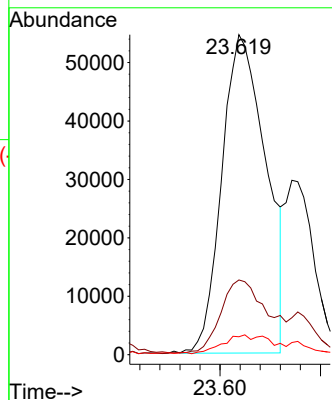
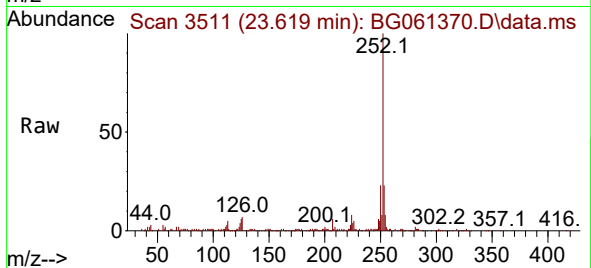
Tgt Ion:252 Resp: 166049

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 5.6 4.6 6.8



#91

Benzo(k)fluoranthene

Concen: 13.099 ng/ul

RT: 23.619 min Scan# 3511

Delta R.T. -0.061 min

Lab File: BG061370.D

Acq: 30 May 2024 21:58

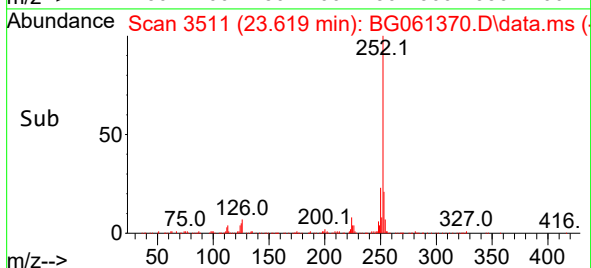
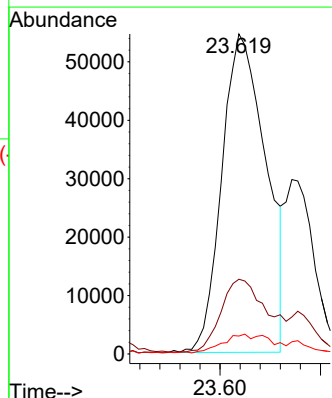
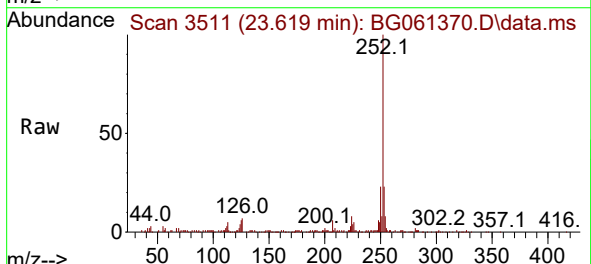
Tgt Ion:252 Resp: 166058

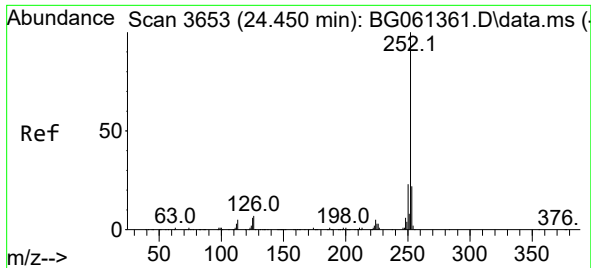
Ion Ratio Lower Upper

252 100

253 23.3 16.0 24.0

125 5.6 4.3 6.5

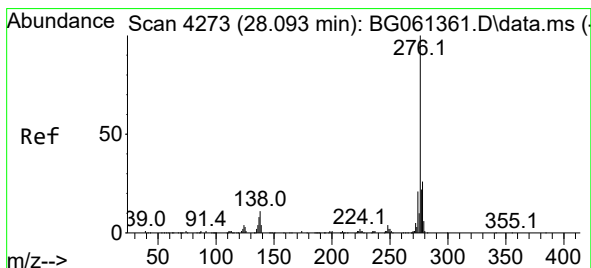
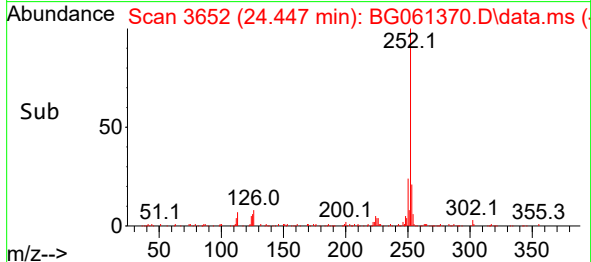
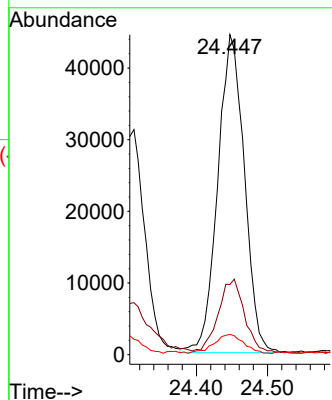
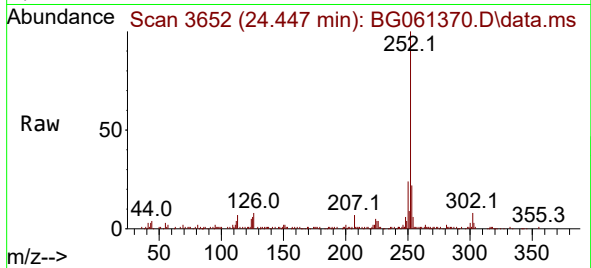




#93
Benzo(a)pyrene
Concen: 9.712 ng/ul
RT: 24.447 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG061370.D
Acq: 30 May 2024 21:58

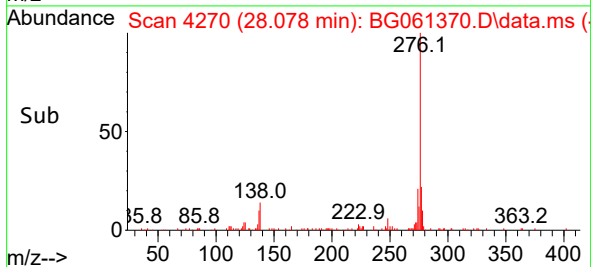
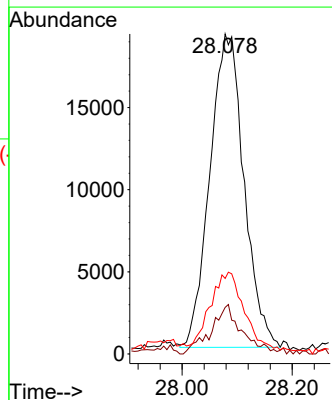
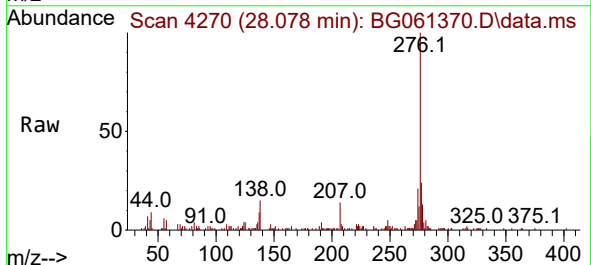
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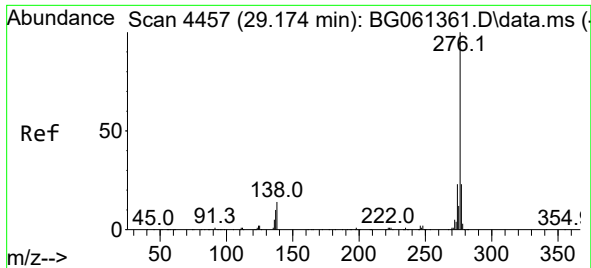
Tgt Ion:252 Resp: 115164
Ion Ratio Lower Upper
252 100
253 22.0 16.4 24.6
125 6.3 4.3 6.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.726 ng/ul
RT: 28.078 min Scan# 4270
Delta R.T. -0.014 min
Lab File: BG061370.D
Acq: 30 May 2024 21:58

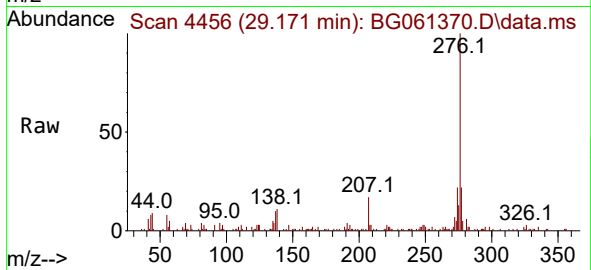
Tgt Ion:276 Resp: 82104
Ion Ratio Lower Upper
276 100
138 14.6 8.6 13.0#
277 23.6 19.7 29.5





#96
 Benzo(g,h,i)perylene
 Concen: 7.136 ng/ul
 RT: 29.171 min Scan# 4456
 Delta R.T. -0.003 min
 Lab File: BG061370.D
 Acq: 30 May 2024 21:58

Instrument :
 BNA_G
 ClientSampleId :
 BH653



Tgt Ion:276 Resp: 81409
 Ion Ratio Lower Upper
 276 100
 138 10.8 8.7 13.1
 277 21.6 18.2 27.2

