

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061308.D
 Acq On : 28 May 2024 20:44
 Operator : MA/JU
 Sample : P2568-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5R4

Quant Time: May 28 22:55:49 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)

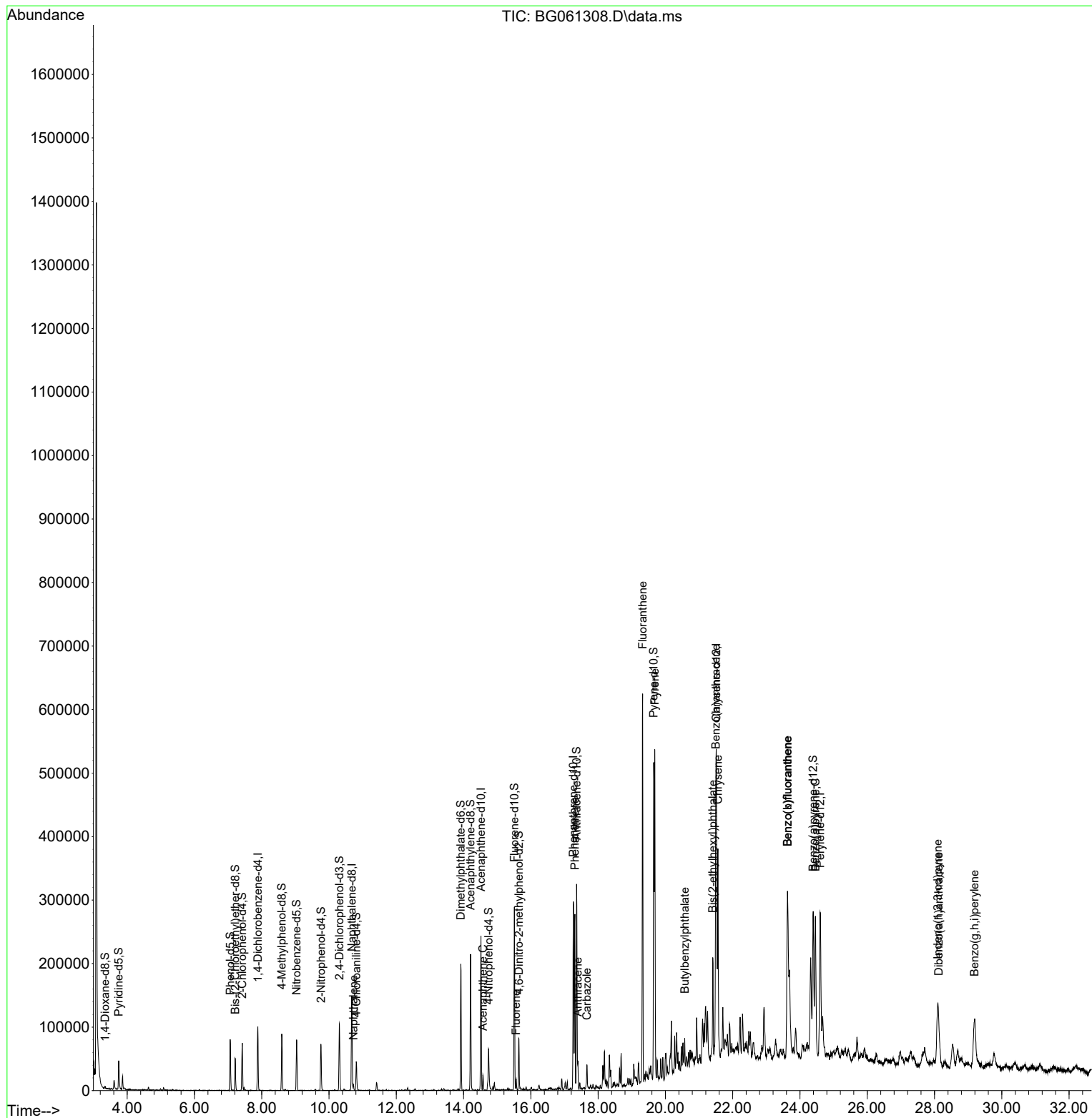
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.885	152	26003	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	111436	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.518	164	84848	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	194689	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	201196	20.000	ng/ul	0.00
88) Perylene-d12	24.600	264	227872	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1479	3.183	ng/uL	0.00
4) Pyridine-d5	3.748	84	19710	11.924	ng/ul	0.00
7) Phenol-d5	7.062	99	37695	17.653	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.215	67	24005	17.885	ng/ul	0.00
11) 2-Chlorophenol-d4	7.420	132	30647	19.392	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	29573	16.242	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	15492	18.056	ng/ul	0.00
24) 2-Nitrophenol-d4	9.765	143	18393	18.317	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.311	165	37199	19.003	ng/ul	0.00
31) 4-Chloroaniline-d4	10.811	131	23211	9.063	ng/ul	0.00
46) Dimethylphthalate-d6	13.919	166	131532	19.988	ng/ul	0.00
49) Acenaphthylene-d8	14.207	160	142176	20.782	ng/ul	0.00
54) 4-Nitrophenol-d4	14.741	143	13165	16.182	ng/ul	0.00
60) Fluorene-d10	15.511	176	115490	20.328	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	17815	15.129	ng/ul	0.00
73) Anthracene-d10	17.362	188	183808	21.415	ng/ul	0.00
81) Pyrene-d10	19.653	212	227717	22.043	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.389	264	237034	21.637	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.728	128	7623	1.296	ng/ul	98
52) Acenaphthene	14.577	153	10431	2.096	ng/ul	98
61) Fluorene	15.564	166	6599	1.072	ng/ul	99
72) Phenanthrene	17.309	178	175643	18.588	ng/ul	97
74) Anthracene	17.397	178	30058	3.076	ng/ul	98
77) Carbazole	17.667	167	22660	2.851	ng/ul	98
80) Fluoranthene	19.324	202	390797	31.534	ng/ul	99
82) Pyrene	19.683	202	347743	27.033	ng/ul	99
83) Butylbenzylphthalate	20.576	149	11962	2.707	ng/ul#	96
85) Benzo(a)anthracene	21.498	228	218126	15.712	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	56561	8.647	ng/ul	96
87) Chrysene	21.563	228	233129	18.238	ng/ul	95
90) Benzo(b)fluoranthene	23.631	252	318366	23.466	ng/ul	100
91) Benzo(k)fluoranthene	23.631	252	318366	23.115	ng/ul	96
93) Benzo(a)pyrene	24.459	252	230367	17.881	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.096	276	167656	10.761	ng/ul	98
95) Dibenzo(a,h)anthracene	28.126	278	22335	1.739	ng/ul#	96
96) Benzo(g,h,i)perylene	29.189	276	161118	12.999	ng/ul	98

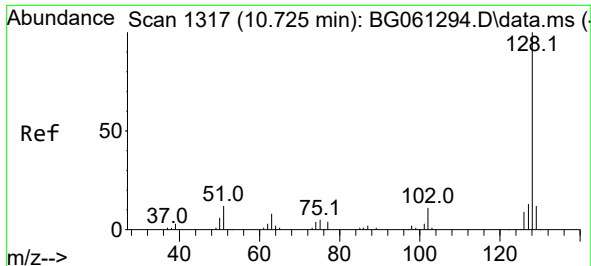
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
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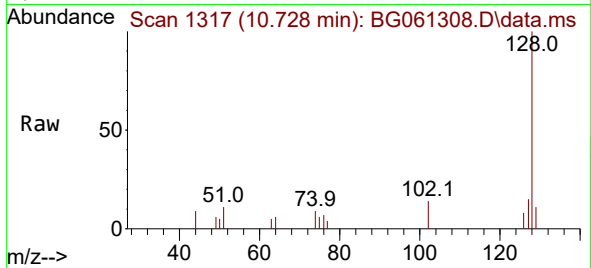
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



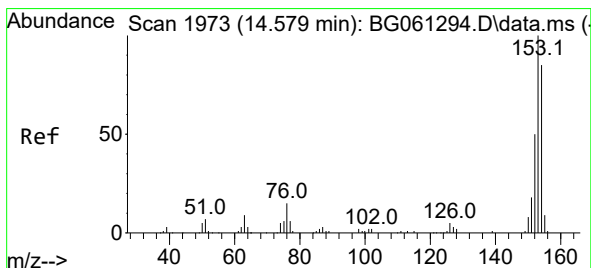
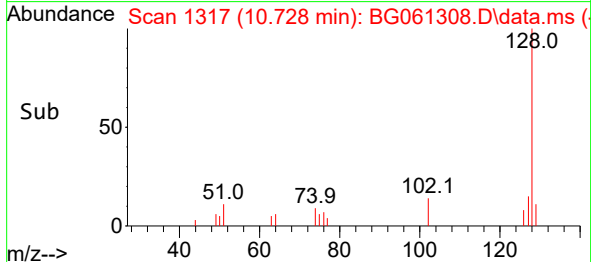
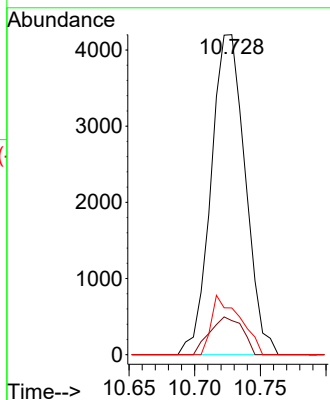


#30
Naphthalene
Concen: 1.296 ng/ul
RT: 10.728 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

Instrument :
BNA_G
ClientSampleId :
BH5R4

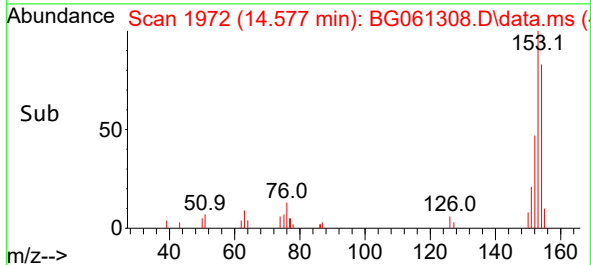
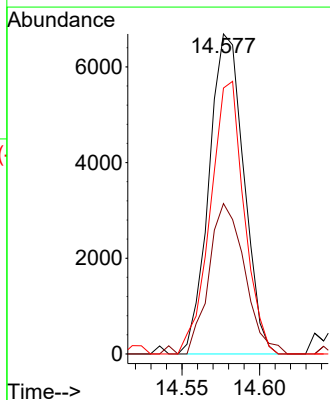
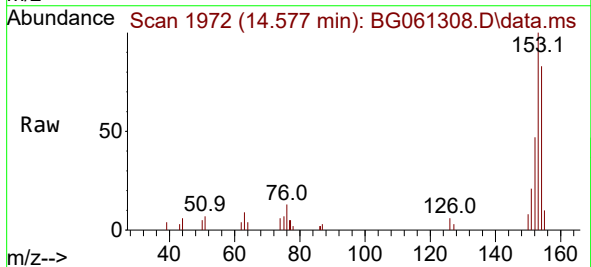


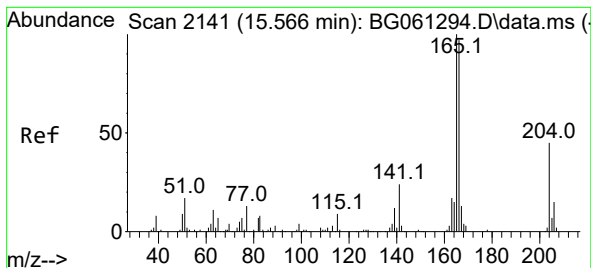
Tgt Ion:128 Resp: 7623
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 14.6 10.8 16.2



#52
Acenaphthene
Concen: 2.096 ng/ul
RT: 14.577 min Scan# 1972
Delta R.T. -0.010 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

Tgt Ion:153 Resp: 10431
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.8
154 83.1 69.0 103.6





#61

Fluorene

Concen: 1.072 ng/ul

RT: 15.564 min Scan# 2141

Delta R.T. -0.010 min

Lab File: BG061308.D

Acq: 28 May 2024 20:44

Instrument :

BNA_G

ClientSampleId :

BH5R4

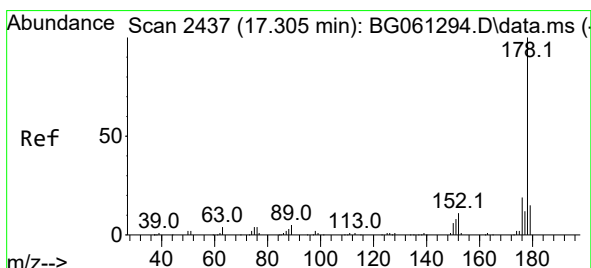
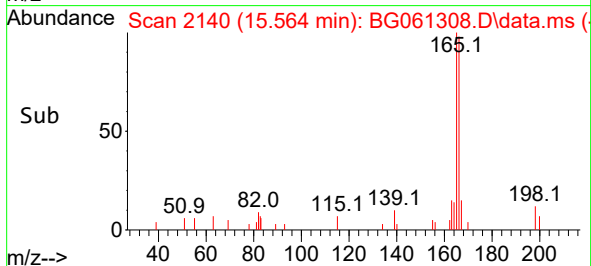
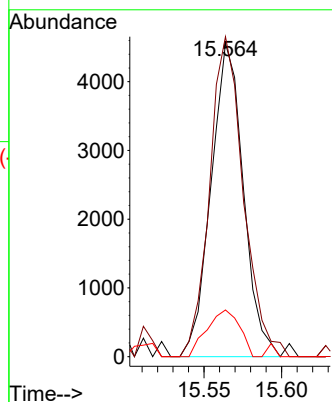
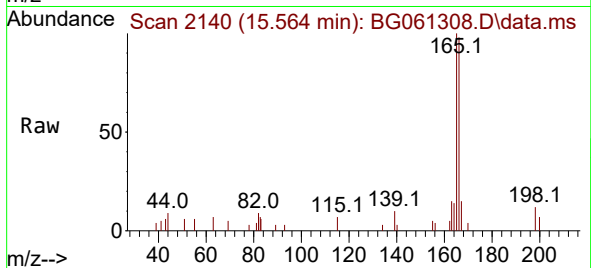
Tgt Ion:166 Resp: 6599

Ion Ratio Lower Upper

166 100

165 102.1 81.8 122.8

167 14.9 10.6 16.0



#72

Phenanthrene

Concen: 18.588 ng/ul

RT: 17.309 min Scan# 2437

Delta R.T. -0.004 min

Lab File: BG061308.D

Acq: 28 May 2024 20:44

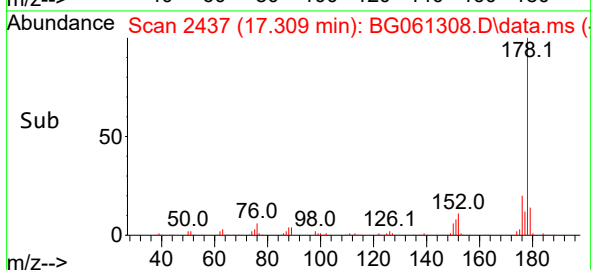
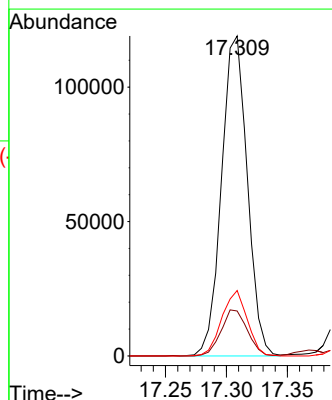
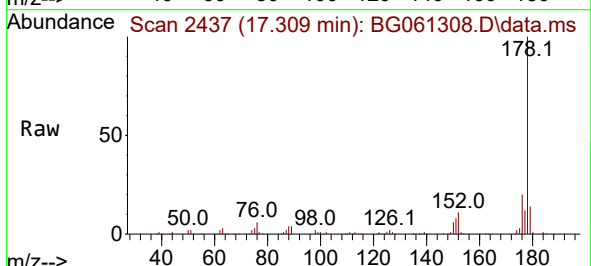
Tgt Ion:178 Resp: 175643

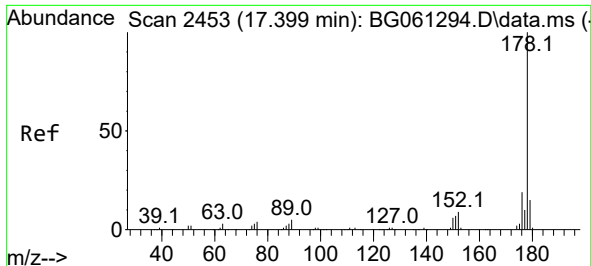
Ion Ratio Lower Upper

178 100

179 14.1 12.7 19.1

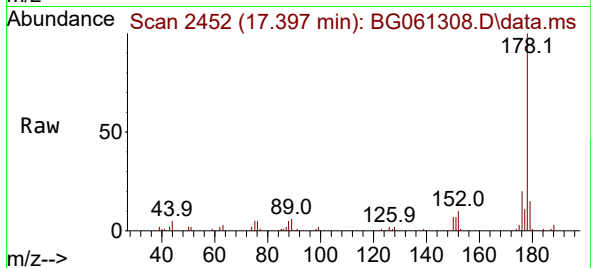
176 20.5 15.5 23.3



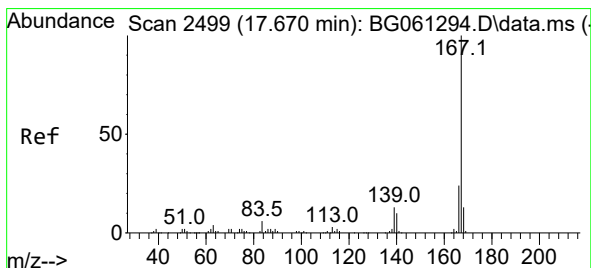
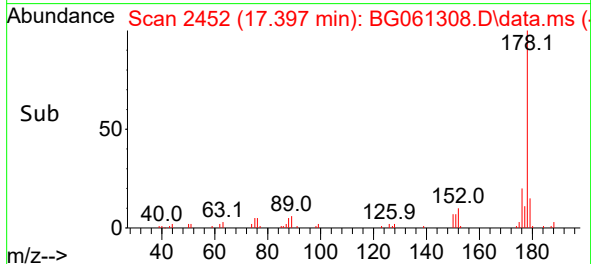
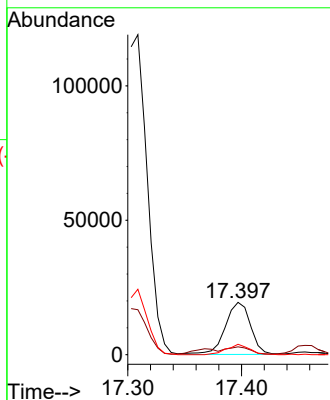


#74
Anthracene
Concen: 3.076 ng/ul
RT: 17.397 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

Instrument :
BNA_G
ClientSampleId :
BH5R4

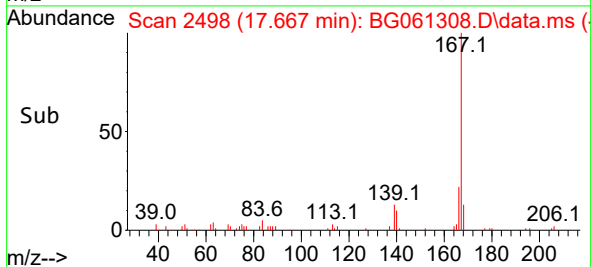
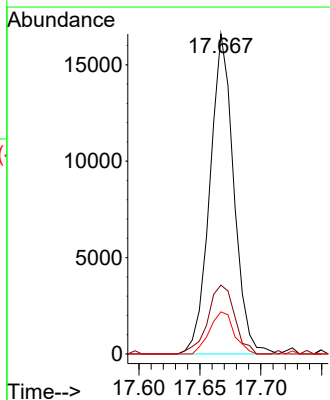
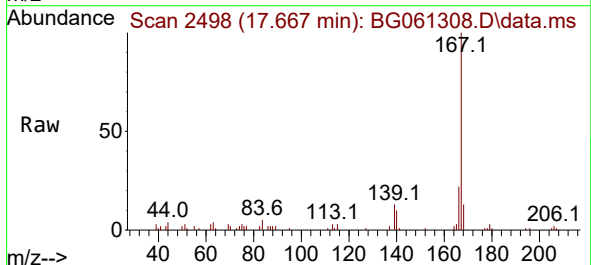


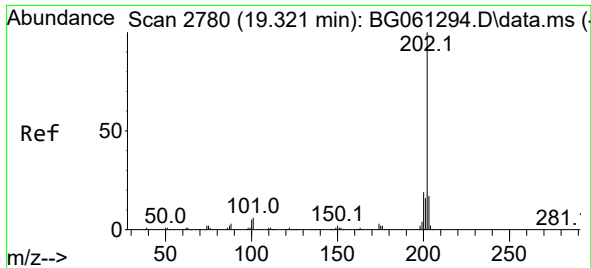
Tgt Ion:178 Resp: 30058
Ion Ratio Lower Upper
178 100
179 15.1 11.8 17.6
176 19.8 14.9 22.3



#77
Carbazole
Concen: 2.851 ng/ul
RT: 17.667 min Scan# 2498
Delta R.T. -0.010 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

Tgt Ion:167 Resp: 22660
Ion Ratio Lower Upper
167 100
166 21.5 18.6 28.0
139 13.2 10.6 15.8

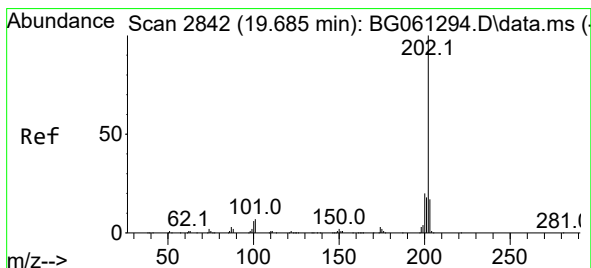
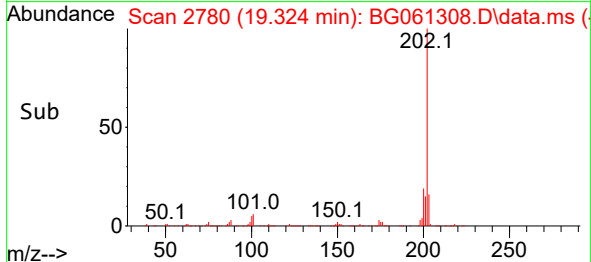
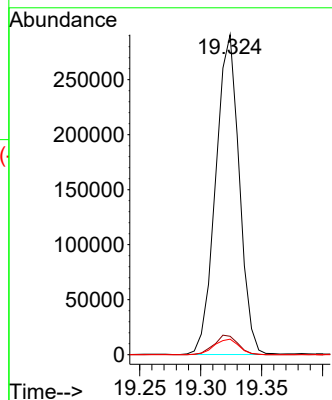
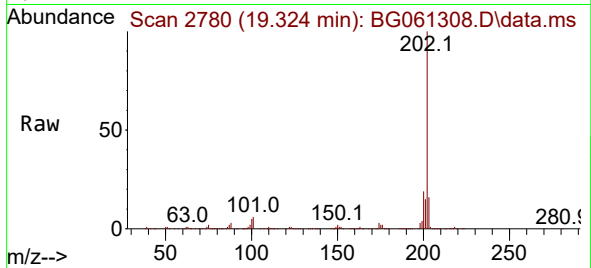




#80
Fluoranthene
Concen: 31.534 ng/ul
RT: 19.324 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

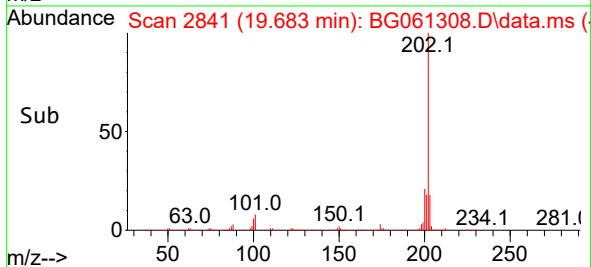
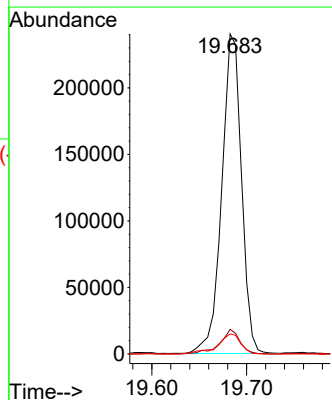
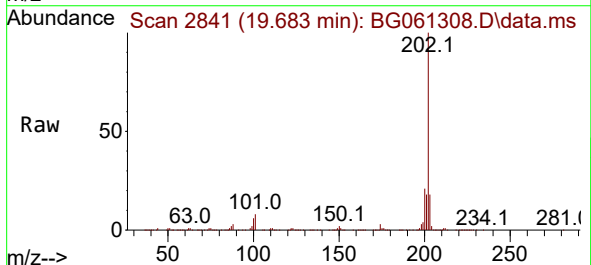
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BNA_G
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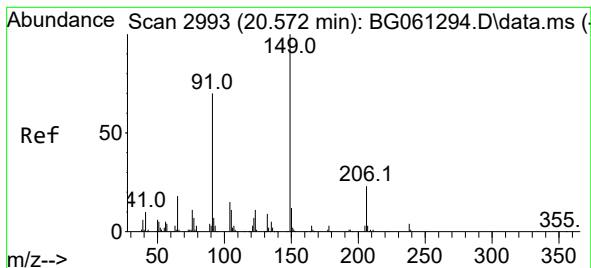
Tgt Ion:202 Resp: 390797
Ion Ratio Lower Upper
202 100
101 5.8 4.8 7.2
100 4.8 4.1 6.1



#82
Pyrene
Concen: 27.033 ng/ul
RT: 19.683 min Scan# 2841
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

Tgt Ion:202 Resp: 347743
Ion Ratio Lower Upper
202 100
101 7.7 5.7 8.5
100 6.3 5.1 7.7





#83

Butylbenzylphthalate

Concen: 2.707 ng/ul

RT: 20.576 min Scan# 2993

Delta R.T. -0.004 min

Lab File: BG061308.D

Acq: 28 May 2024 20:44

Instrument :

BNA_G

ClientSampleId :

BH5R4

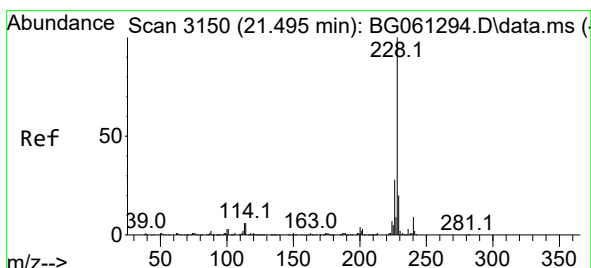
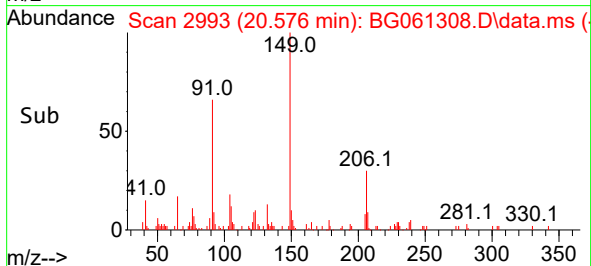
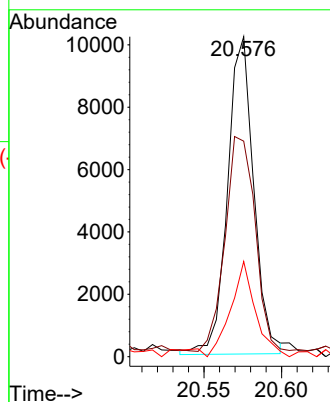
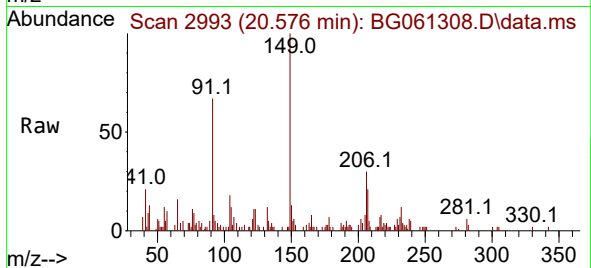
Tgt Ion:149 Resp: 11962

Ion Ratio Lower Upper

149 100

91 67.3 54.8 82.2

206 29.8 19.4 29.0#



#85

Benzo(a)anthracene

Concen: 15.712 ng/ul

RT: 21.498 min Scan# 3150

Delta R.T. -0.004 min

Lab File: BG061308.D

Acq: 28 May 2024 20:44

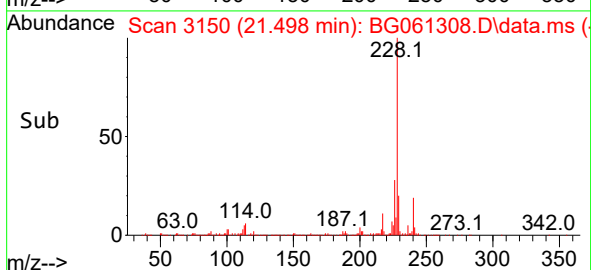
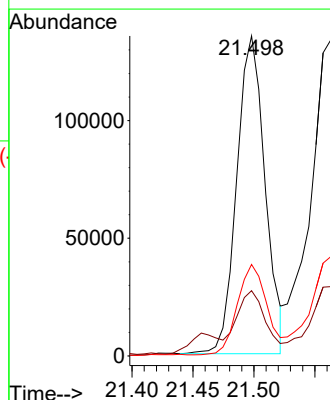
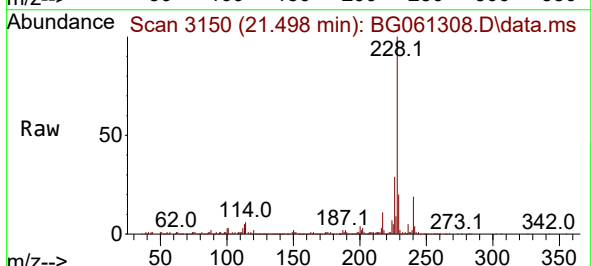
Tgt Ion:228 Resp: 218126

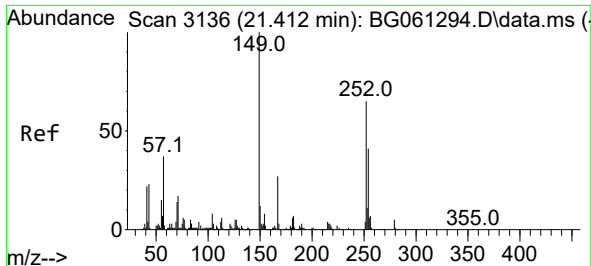
Ion Ratio Lower Upper

228 100

229 20.4 15.2 22.8

226 28.6 21.4 32.2

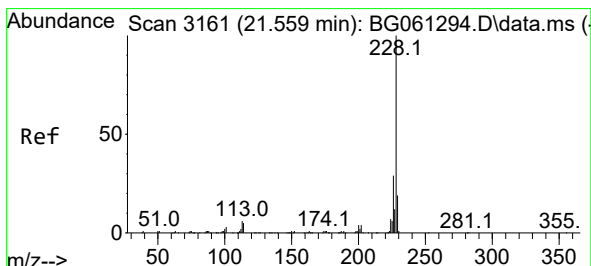
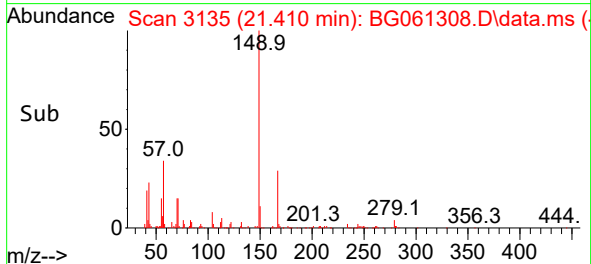
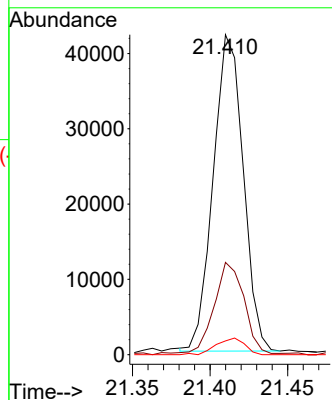
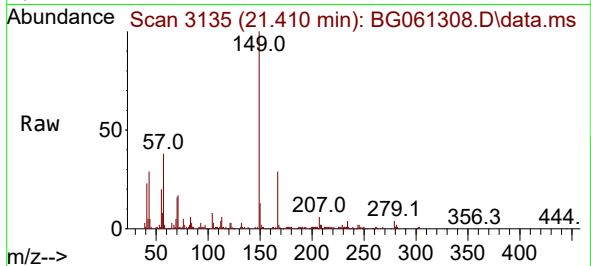




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 8.647 ng/ul
 RT: 21.410 min Scan# 3135
 Delta R.T. -0.004 min
 Lab File: BG061308.D
 Acq: 28 May 2024 20:44

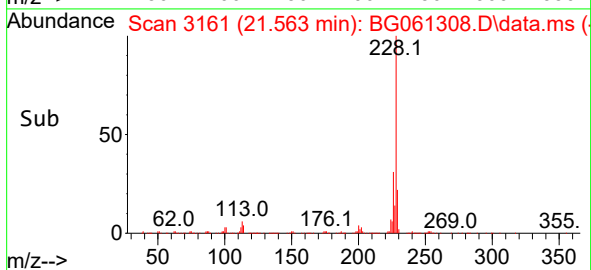
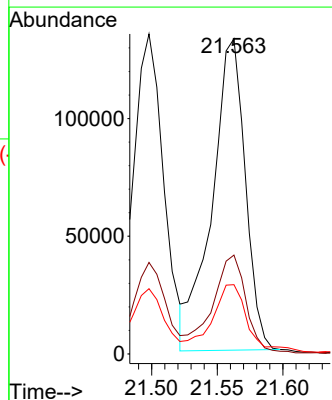
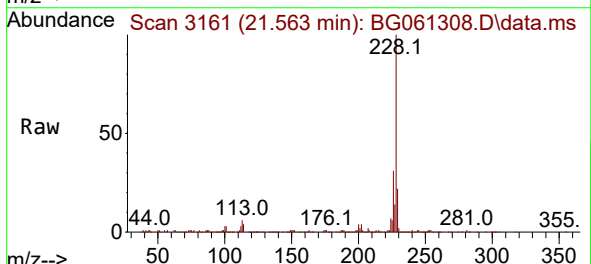
Instrument :
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 ClientSampleId :
 BH5R4

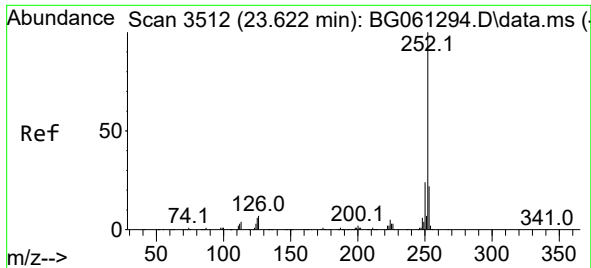
Tgt Ion:149 Resp: 56561
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.1 31.7
 279 4.3 3.3 4.9



#87
 Chrysene
 Concen: 18.238 ng/ul
 RT: 21.563 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BG061308.D
 Acq: 28 May 2024 20:44

Tgt Ion:228 Resp: 233129
 Ion Ratio Lower Upper
 228 100
 226 31.4 23.4 35.0
 229 22.0 15.4 23.2

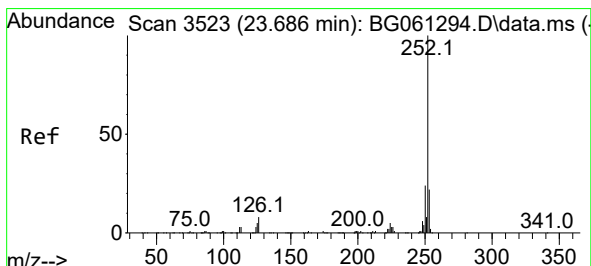
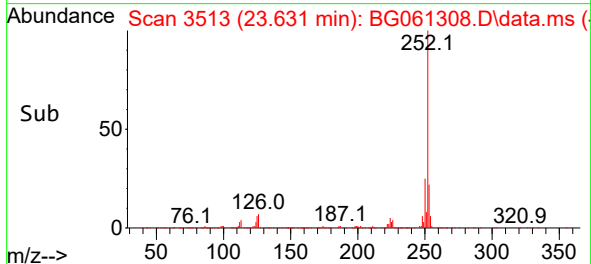
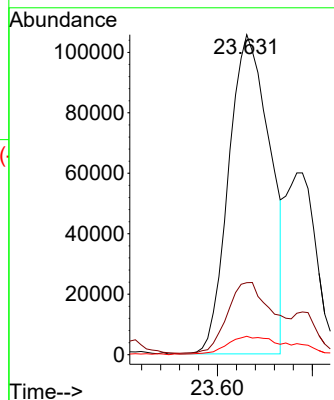
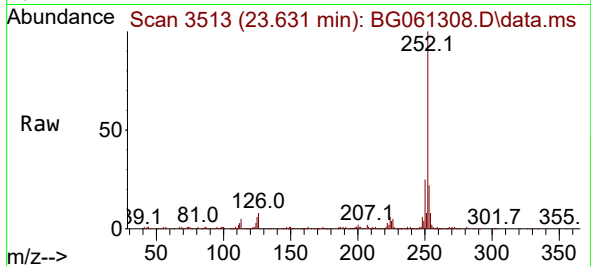




#90
Benzo(b)fluoranthene
Concen: 23.466 ng/ul
RT: 23.631 min Scan# 3513
Delta R.T. 0.002 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

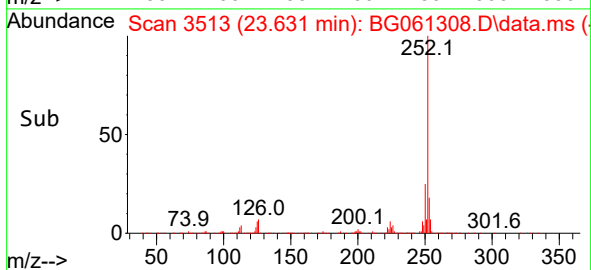
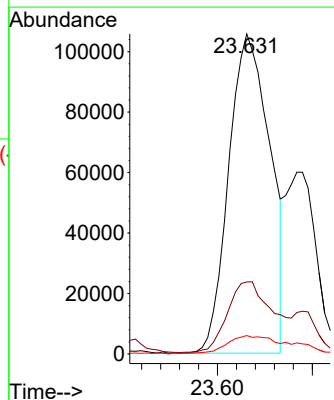
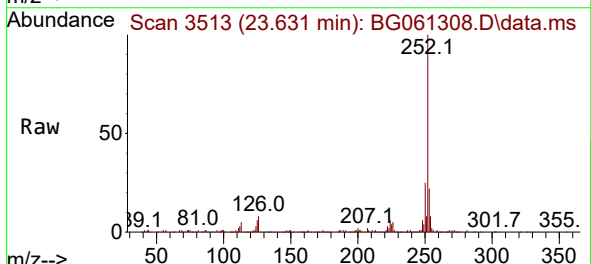
Instrument :
BNA_G
ClientSampleId :
BH5R4

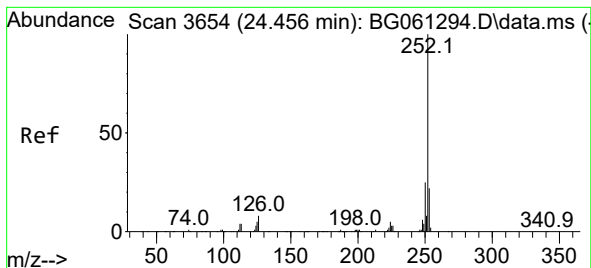
Tgt Ion:252 Resp: 318366
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 5.7 4.6 6.8



#91
Benzo(k)fluoranthene
Concen: 23.115 ng/ul
RT: 23.631 min Scan# 3513
Delta R.T. -0.063 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

Tgt Ion:252 Resp: 318366
Ion Ratio Lower Upper
252 100
253 22.5 16.0 24.0
125 5.7 4.3 6.5





#93

Benzo(a)pyrene

Concen: 17.881 ng/ul

RT: 24.459 min Scan# 3

Delta R.T. -0.004 min

Lab File: BG061308.D

Acq: 28 May 2024 20:44

Instrument :

BNA_G

ClientSampleId :

BH5R4

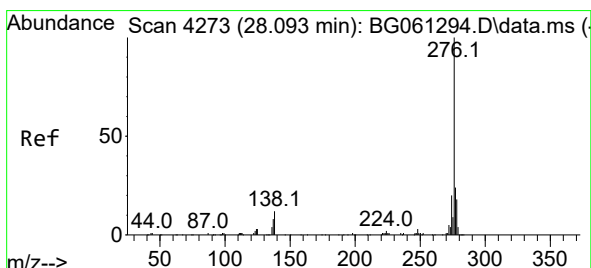
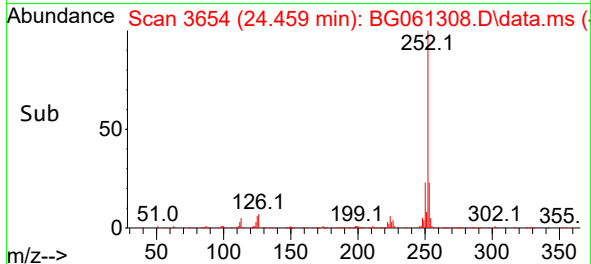
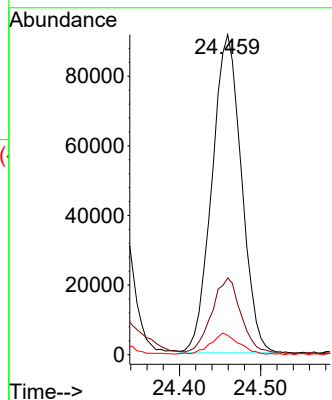
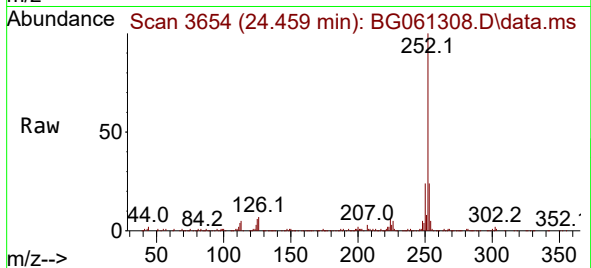
Tgt Ion:252 Resp: 230367

Ion Ratio Lower Upper

252 100

253 24.0 16.4 24.6

125 6.0 4.3 6.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.761 ng/ul

RT: 28.096 min Scan# 4273

Delta R.T. -0.010 min

Lab File: BG061308.D

Acq: 28 May 2024 20:44

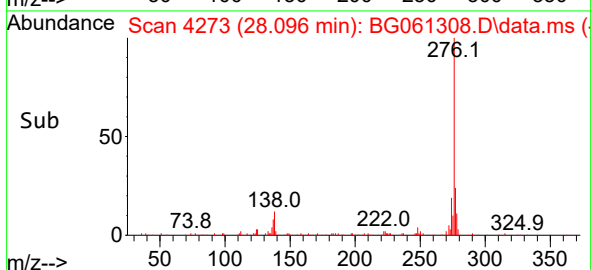
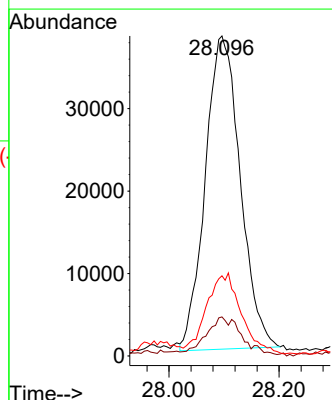
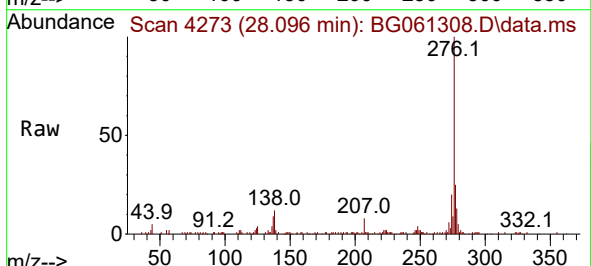
Tgt Ion:276 Resp: 167656

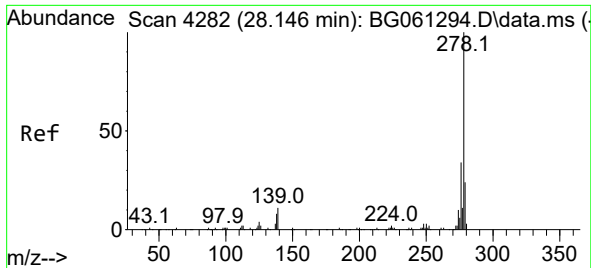
Ion Ratio Lower Upper

276 100

138 12.2 8.6 13.0

277 25.0 19.7 29.5

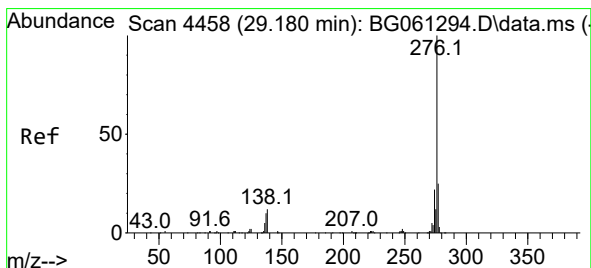
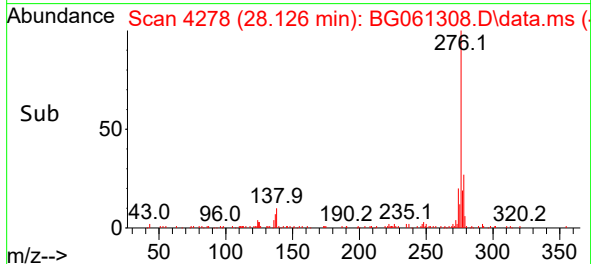
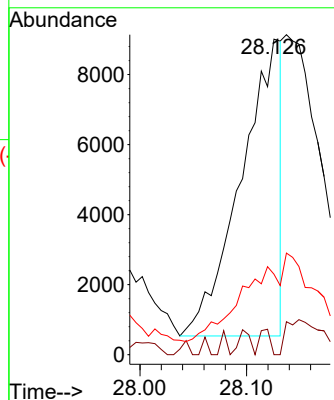
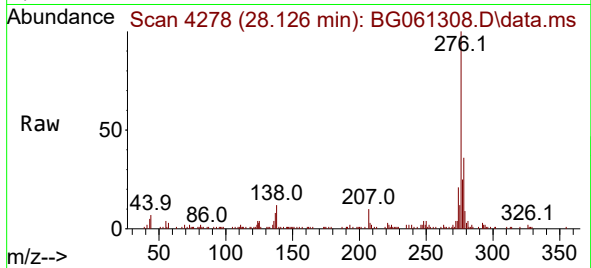




#95
Dibenzo(a,h)anthracene
Concen: 1.739 ng/ul
RT: 28.126 min Scan# 41
Delta R.T. -0.033 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

Instrument :
BNA_G
ClientSampleId :
BH5R4

Tgt Ion:278 Resp: 22335
Ion Ratio Lower Upper
278 100
139 3.4 6.4 9.6#
279 25.5 19.9 29.9



#96
Benzo(g,h,i)perylene
Concen: 12.999 ng/ul
RT: 29.189 min Scan# 4459
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

Tgt Ion:276 Resp: 161118
Ion Ratio Lower Upper
276 100
138 11.7 8.7 13.1
277 23.8 18.2 27.2

