

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061285.D
 Acq On : 24 May 2024 13:09
 Operator : MA/JU
 Sample : P2548-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Y7

Quant Time: May 24 23:48:17 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

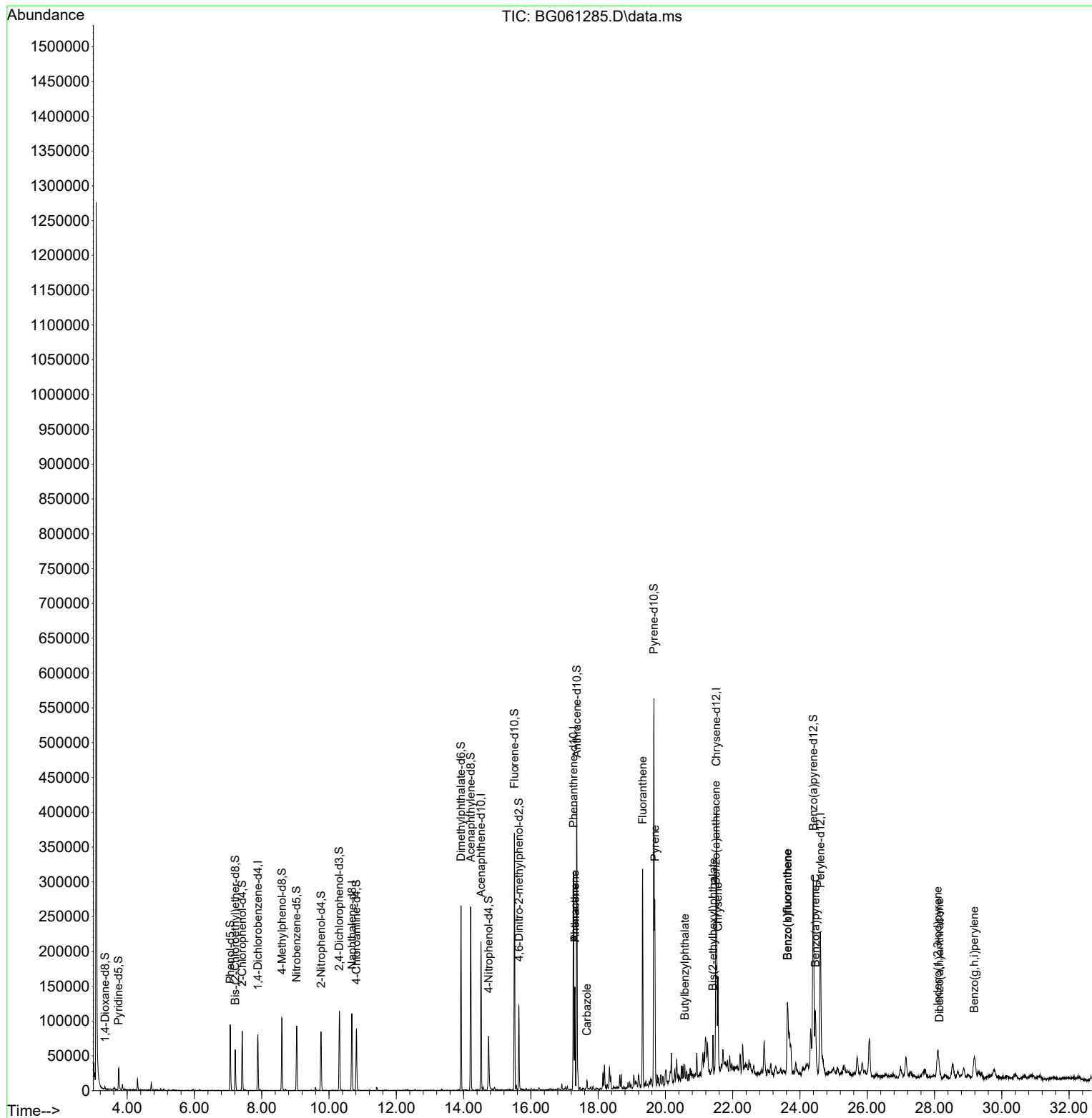
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	20797	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	89218	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.518	164	76313	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.268	188	194384	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	189437	20.000	ng/ul	0.00
88) Perylene-d12	24.606	264	212202	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1642	4.418	ng/uL	0.00
4) Pyridine-d5	3.742	84	12783	9.669	ng/ul	0.00
7) Phenol-d5	7.068	99	43073	25.220	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.215	67	27715	25.818	ng/ul	0.00
11) 2-Chlorophenol-d4	7.420	132	33368	26.400	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	35552	24.413	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	18760	27.311	ng/ul	0.00
24) 2-Nitrophenol-d4	9.765	143	22497	27.984	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	42373	27.036	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	41463	20.222	ng/ul	0.00
46) Dimethylphthalate-d6	13.924	166	166745	28.173	ng/ul	0.00
49) Acenaphthylene-d8	14.212	160	175580	28.534	ng/ul	0.00
54) 4-Nitrophenol-d4	14.747	143	16528	22.587	ng/ul	0.00
60) Fluorene-d10	15.511	176	147217	28.810	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	26685	22.698	ng/ul	0.00
73) Anthracene-d10	17.367	188	250407	29.220	ng/ul	0.00
81) Pyrene-d10	19.659	212	290709	29.888	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.395	264	299915	29.398	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.309	178	91315	9.679	ng/ul	98
74) Anthracene	17.309	178	91315	9.361	ng/ul	97
77) Carbazole	17.667	167	8242	1.039	ng/ul#	92
80) Fluoranthene	19.324	202	195395	16.746	ng/ul	99
82) Pyrene	19.688	202	174526	14.409	ng/ul	99
83) Butylbenzylphthalate	20.575	149	5652	1.358	ng/ul#	83
85) Benzo(a)anthracene	21.498	228	95387	7.297	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.416	149	19163	3.111	ng/ul#	95
87) Chrysene	21.563	228	101696	8.449	ng/ul	97
90) Benzo(b)fluoranthene	23.631	252	130512	10.330	ng/ul	98
91) Benzo(k)fluoranthene	23.631	252	130512	10.176	ng/ul	94
93) Benzo(a)pyrene	24.459	252	90193	7.518	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.096	276	64523	4.447	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.143	278	14320	1.197	ng/ul	94
96) Benzo(g,h,i)perylene	29.183	276	33272	2.883	ng/ul	97

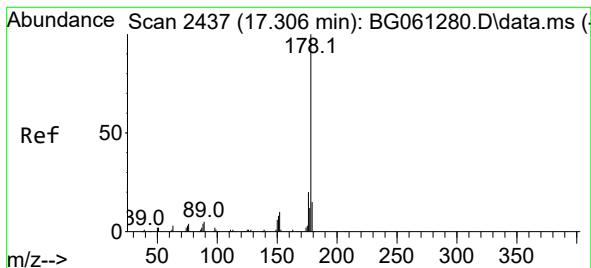
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#72

Phenanthrene

Concen: 9.679 ng/ul

RT: 17.309 min Scan# 2437

Delta R.T. -0.004 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

Instrument :

BNA_G

ClientSampleId :

BH5Y7

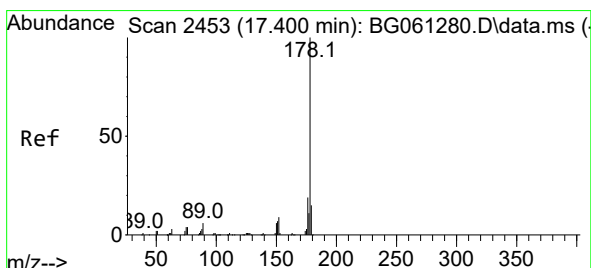
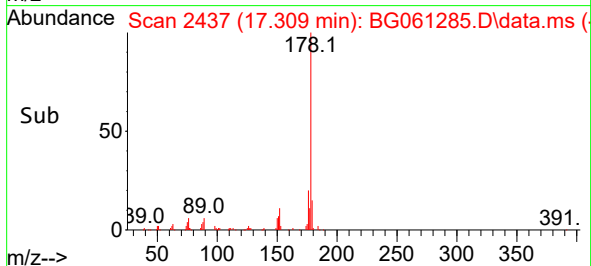
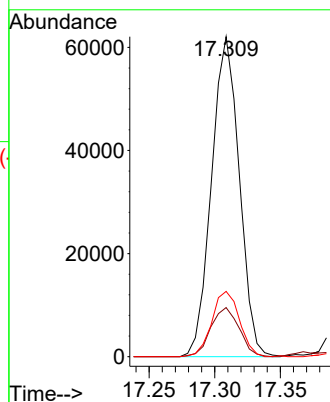
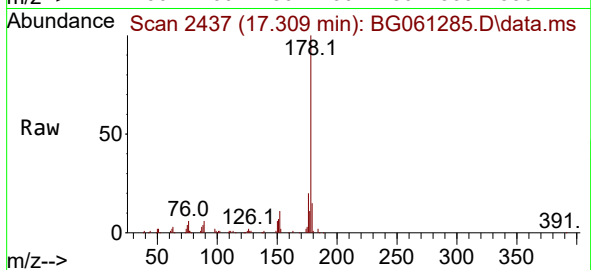
Tgt Ion:178 Resp: 91315

Ion Ratio Lower Upper

178 100

179 15.4 12.7 19.1

176 20.4 15.5 23.3



#74

Anthracene

Concen: 9.361 ng/ul

RT: 17.309 min Scan# 2437

Delta R.T. -0.092 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

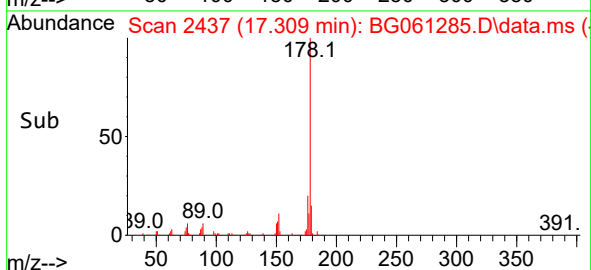
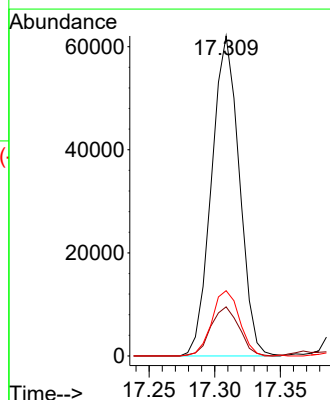
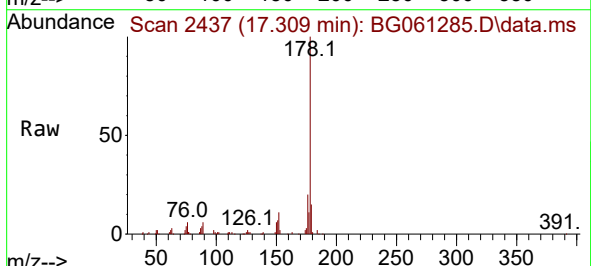
Tgt Ion:178 Resp: 91315

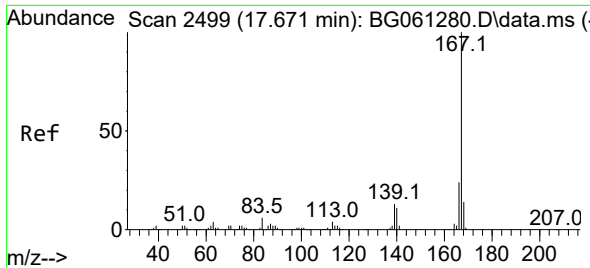
Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.6

176 20.4 14.9 22.3

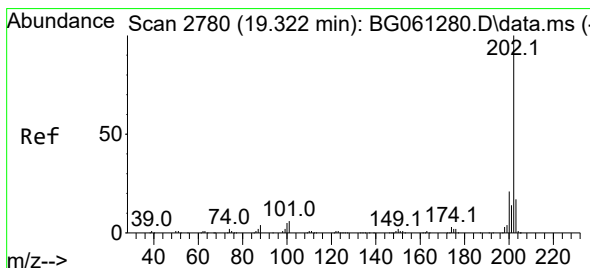
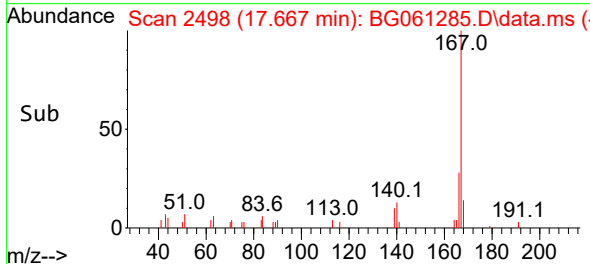
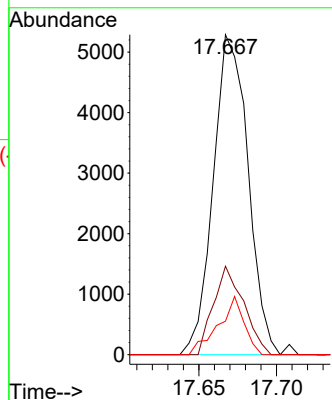
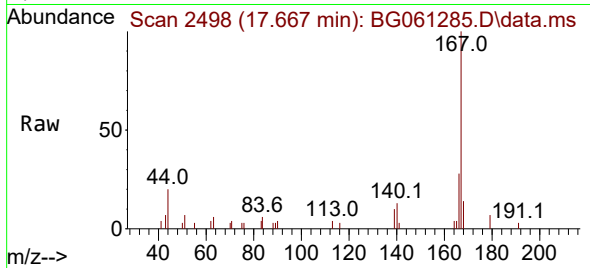




#77
 Carbazole
 Concen: 1.039 ng/ul
 RT: 17.667 min Scan# 2498
 Delta R.T. -0.010 min
 Lab File: BG061285.D
 Acq: 24 May 2024 13:09

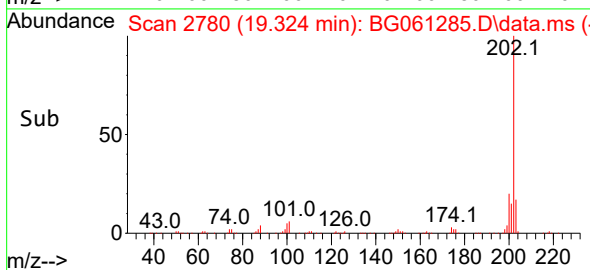
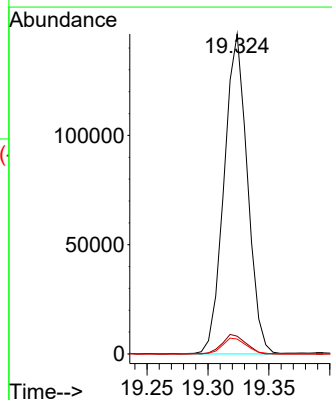
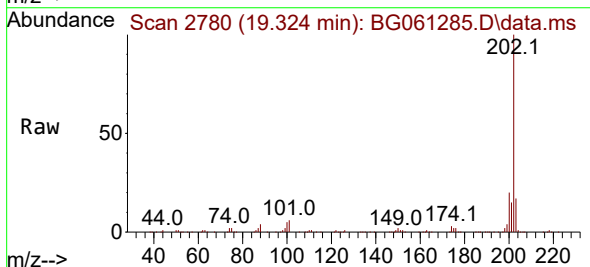
Instrument :
 BNA_G
 ClientSampleId :
 BH5Y7

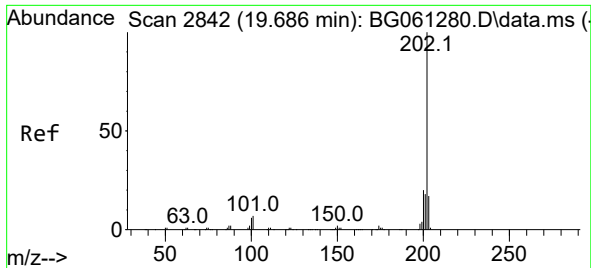
Tgt Ion:167	Resp:	8242
Ion Ratio	Lower	Upper
167	100	
166	27.6	18.6 28.0
139	10.4	10.6 15.8#



#80
 Fluoranthene
 Concen: 16.746 ng/ul
 RT: 19.324 min Scan# 2780
 Delta R.T. -0.004 min
 Lab File: BG061285.D
 Acq: 24 May 2024 13:09

Tgt Ion:202	Resp:	195395
Ion Ratio	Lower	Upper
202	100	
101	5.6	4.8 7.2
100	4.7	4.1 6.1

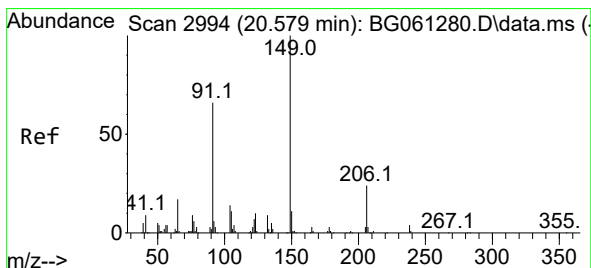
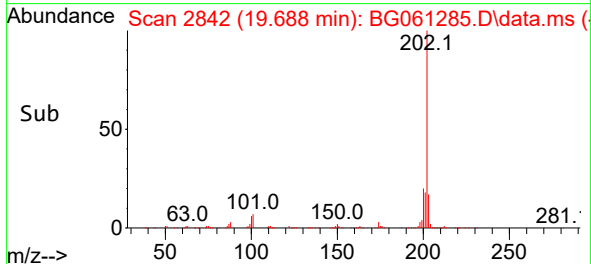
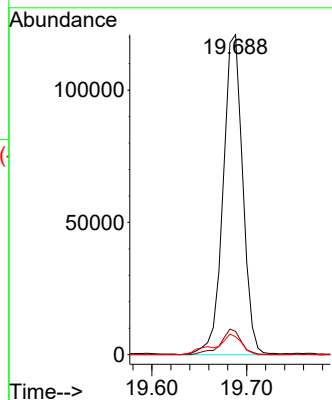
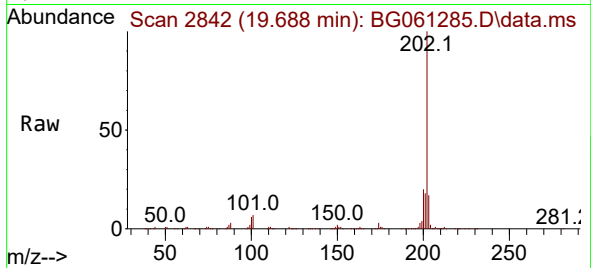




#82
 Pyrene
 Concen: 14.409 ng/ul
 RT: 19.688 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG061285.D
 Acq: 24 May 2024 13:09

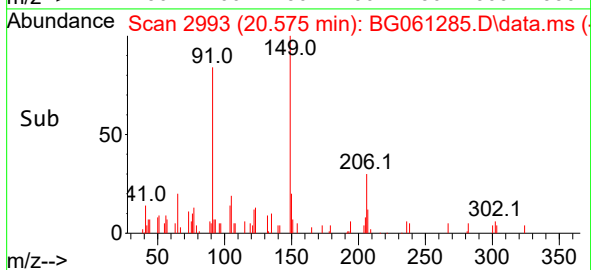
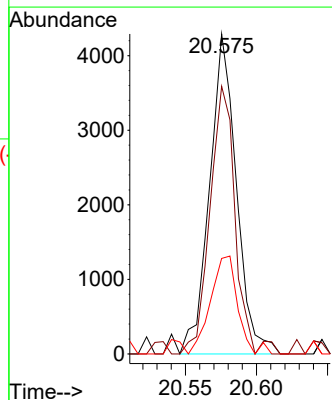
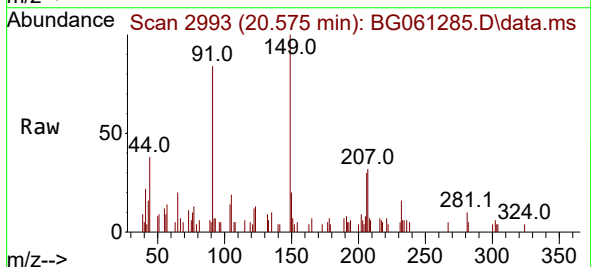
Instrument :
 BNA_G
 ClientSampleId :
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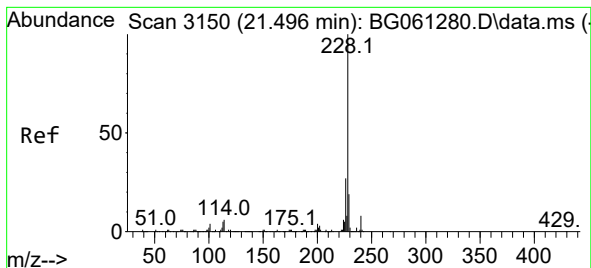
Tgt Ion:202 Resp: 174526
 Ion Ratio Lower Upper
 202 100
 101 7.3 5.7 8.5
 100 5.6 5.1 7.7



#83
 Butylbenzylphthalate
 Concen: 1.358 ng/ul
 RT: 20.575 min Scan# 2993
 Delta R.T. -0.004 min
 Lab File: BG061285.D
 Acq: 24 May 2024 13:09

Tgt Ion:149 Resp: 5652
 Ion Ratio Lower Upper
 149 100
 91 83.7 54.8 82.2#
 206 29.8 19.4 29.0#





#85

Benzo(a)anthracene

Concen: 7.297 ng/ul

RT: 21.498 min Scan# 3150

Delta R.T. -0.004 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

Instrument :

BNA_G

ClientSampleId :

BH5Y7

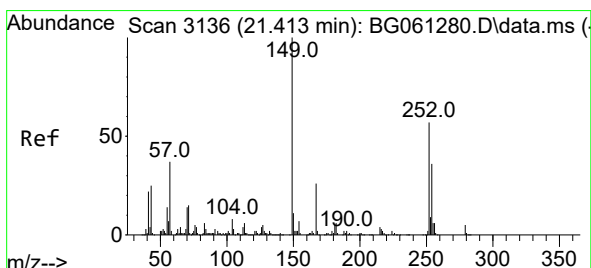
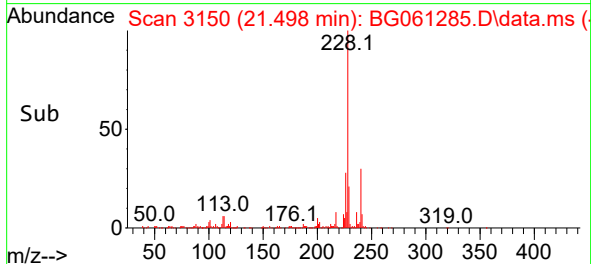
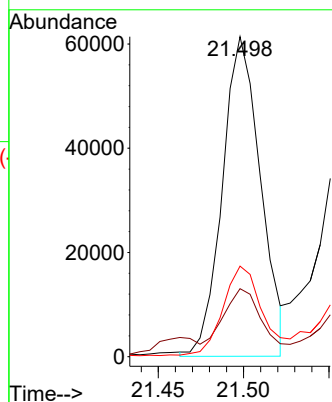
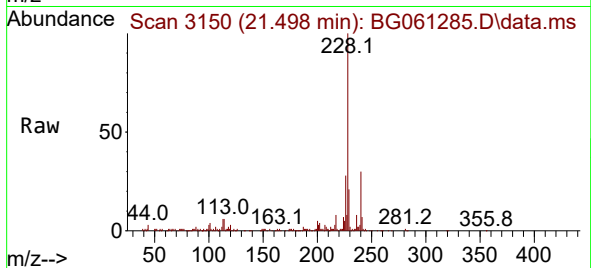
Tgt Ion:228 Resp: 95387

Ion Ratio Lower Upper

228 100

229 21.2 15.2 22.8

226 28.3 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.111 ng/ul

RT: 21.416 min Scan# 3136

Delta R.T. 0.002 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

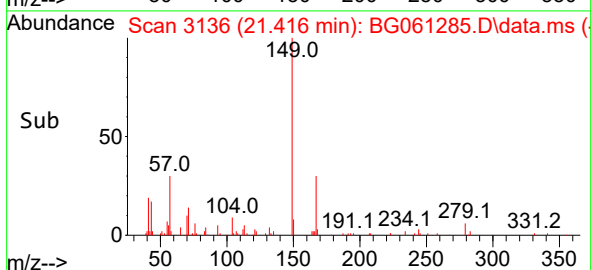
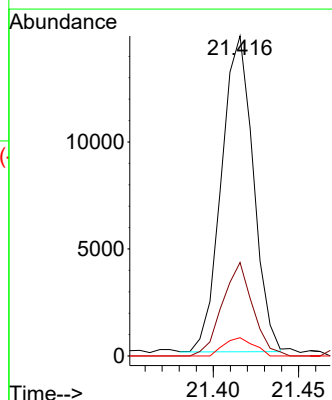
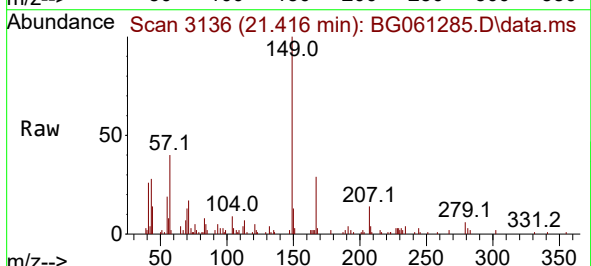
Tgt Ion:149 Resp: 19163

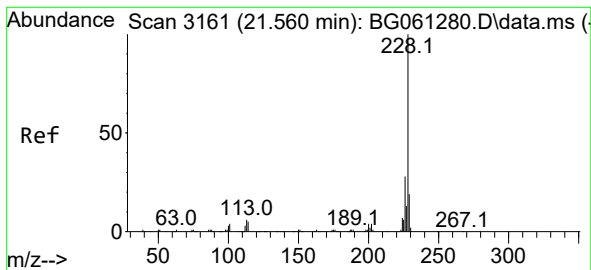
Ion Ratio Lower Upper

149 100

167 29.2 21.1 31.7

279 5.7 3.3 4.9#





#87

Chrysene

Concen: 8.449 ng/ul

RT: 21.563 min Scan# 3161

Delta R.T. -0.004 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

Instrument :

BNA_G

ClientSampleId :

BH5Y7

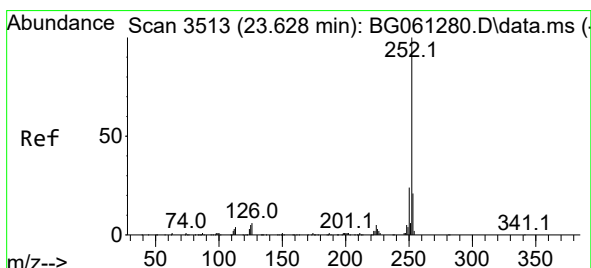
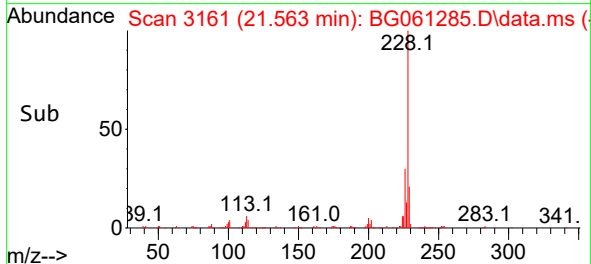
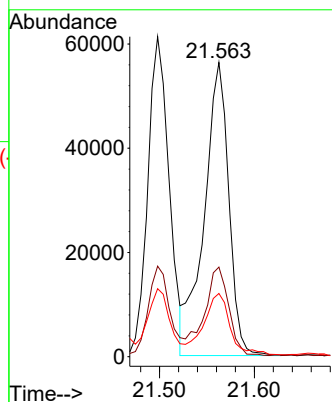
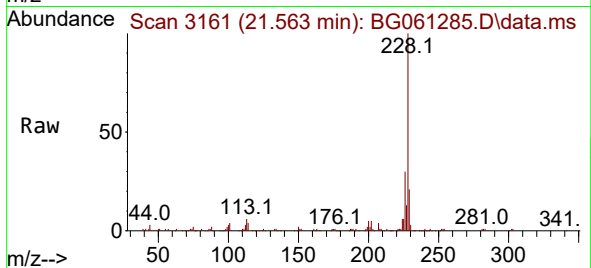
Tgt Ion:228 Resp: 101696

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.0

229 21.5 15.4 23.2



#90

Benzo(b)fluoranthene

Concen: 10.330 ng/ul

RT: 23.631 min Scan# 3513

Delta R.T. 0.002 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

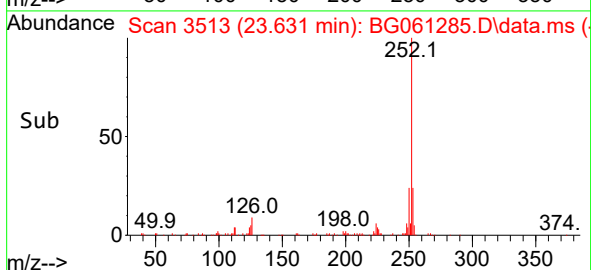
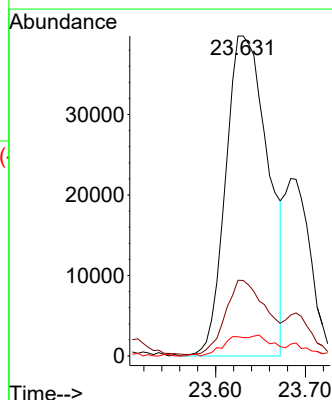
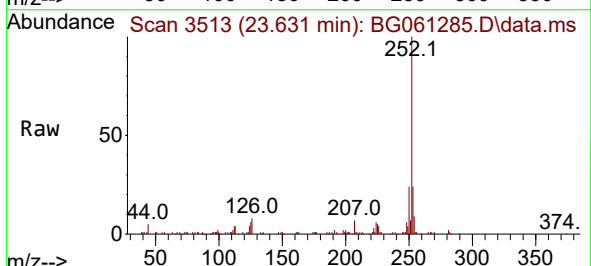
Tgt Ion:252 Resp: 130512

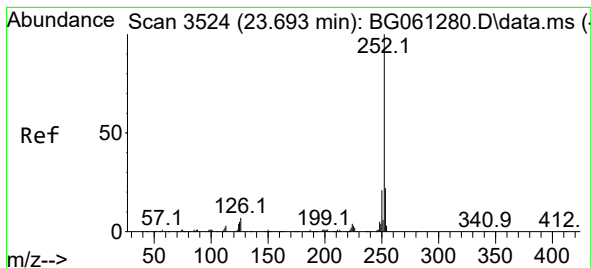
Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

125 5.8 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 10.176 ng/ul

RT: 23.631 min Scan# 3

Delta R.T. -0.063 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

Instrument :

BNA_G

ClientSampleId :

BH5Y7

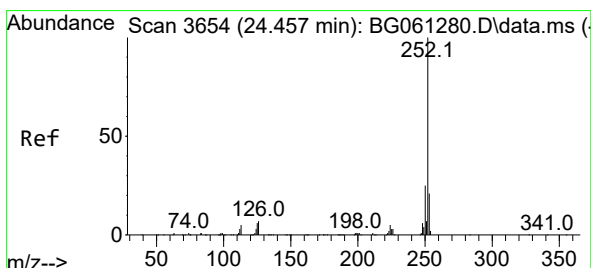
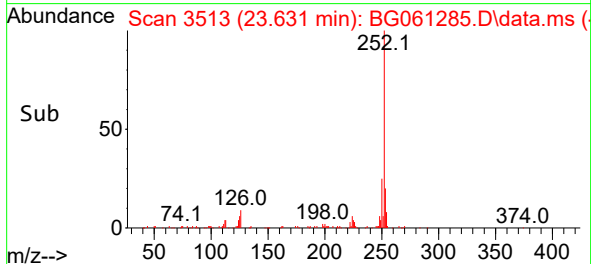
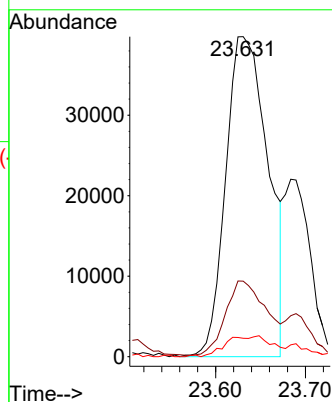
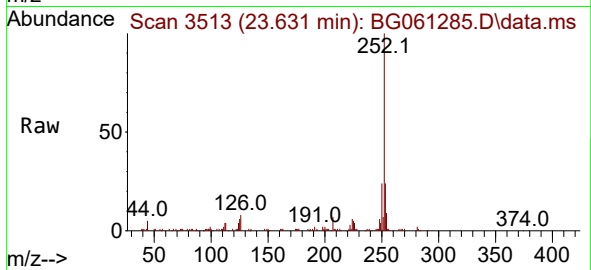
Tgt Ion:252 Resp: 130512

Ion Ratio Lower Upper

252 100

253 23.6 16.0 24.0

125 5.8 4.3 6.5



#93

Benzo(a)pyrene

Concen: 7.518 ng/ul

RT: 24.459 min Scan# 3654

Delta R.T. -0.004 min

Lab File: BG061285.D

Acq: 24 May 2024 13:09

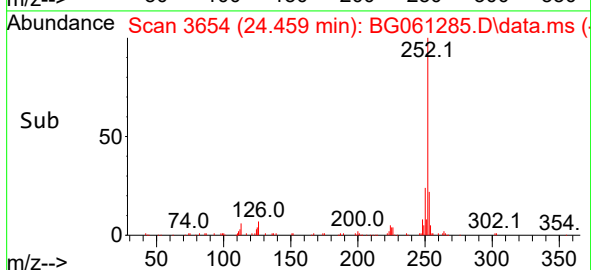
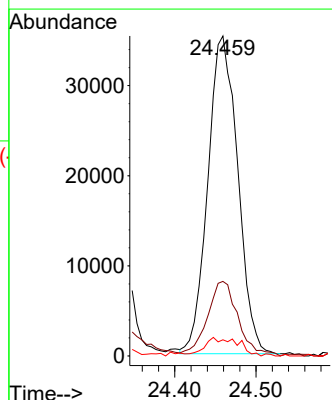
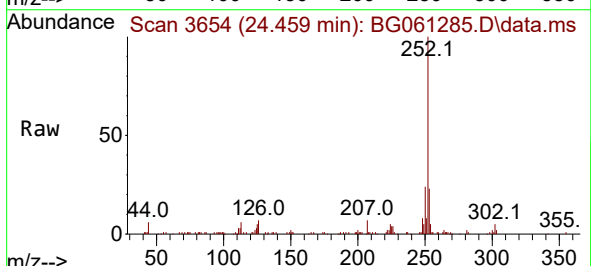
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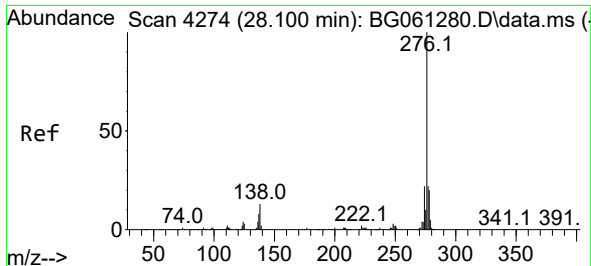
Ion Ratio Lower Upper

252 100

253 23.3 16.4 24.6

125 5.1 4.3 6.5

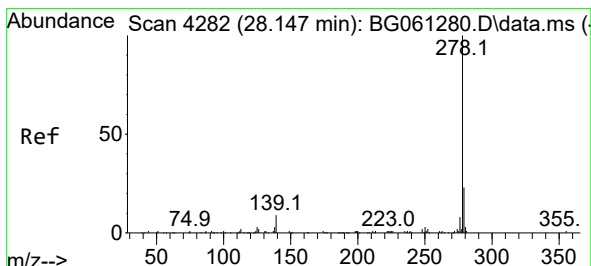
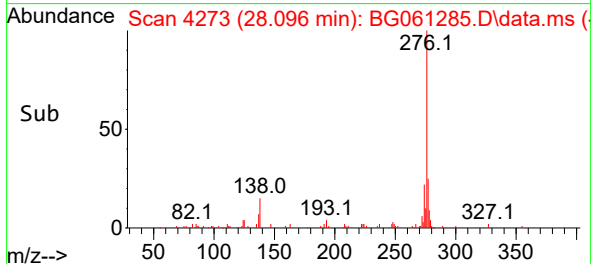
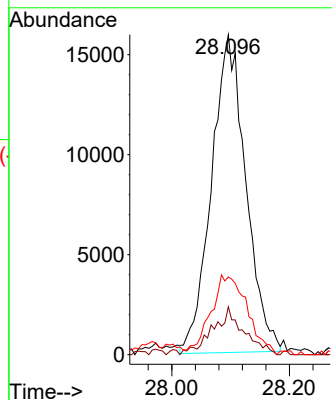
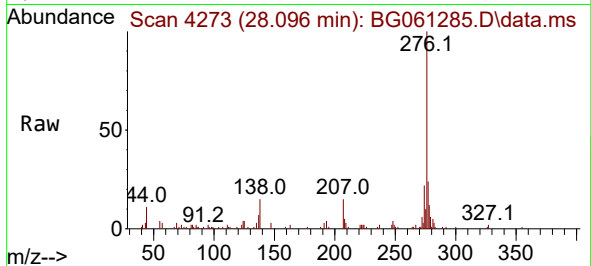




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 4.447 ng/ul
 RT: 28.096 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: BG061285.D
 Acq: 24 May 2024 13:09

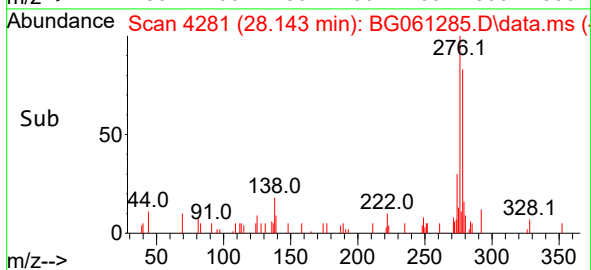
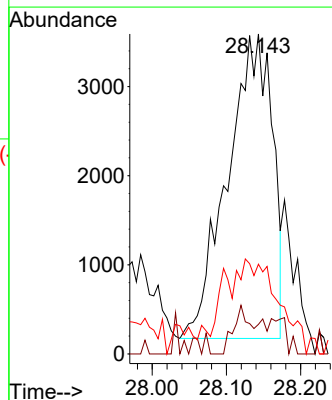
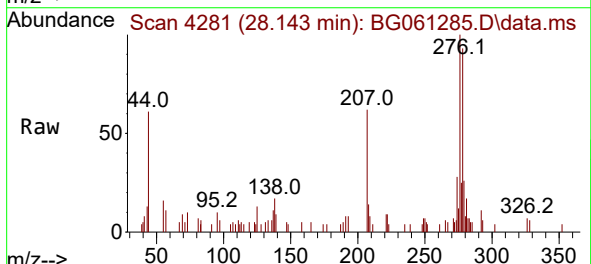
Instrument :
 BNA_G
 ClientSampleId :
 BH5Y7

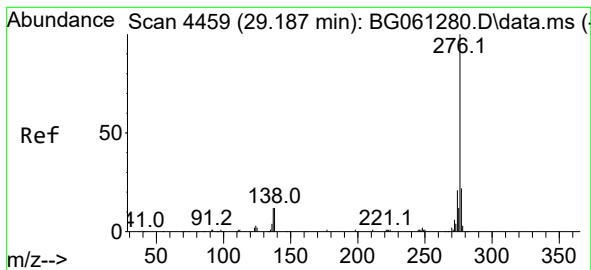
Tgt Ion:276 Resp: 64523
 Ion Ratio Lower Upper
 276 100
 138 14.9 8.6 13.0#
 277 24.3 19.7 29.5



#95
 Dibenzo(a,h)anthracene
 Concen: 1.197 ng/ul
 RT: 28.143 min Scan# 4281
 Delta R.T. -0.016 min
 Lab File: BG061285.D
 Acq: 24 May 2024 13:09

Tgt Ion:278 Resp: 14320
 Ion Ratio Lower Upper
 278 100
 139 9.2 6.4 9.6
 279 28.0 19.9 29.9





#96

Benzo(g,h,i)perylene

Concen: 2.883 ng/ul

RT: 29.183 min Scan# 44

Delta R.T. -0.010 min

Lab File: BG061285.D

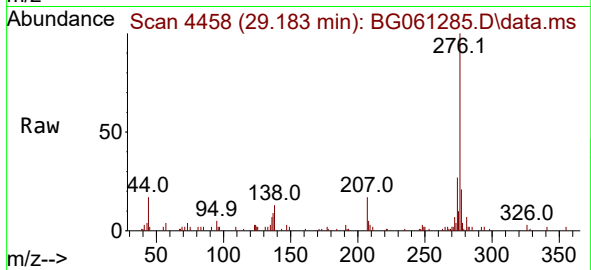
Acq: 24 May 2024 13:09

Instrument :

BNA_G

ClientSampleId :

BH5Y7



Tgt Ion:276 Resp: 33272

Ion Ratio Lower Upper

276 100

138 12.9 8.7 13.1

277 21.4 18.2 27.2

