

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061282.D
 Acq On : 24 May 2024 11:04
 Operator : MA/JU
 Sample : P2548-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Y3

Quant Time: May 24 23:47:38 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)

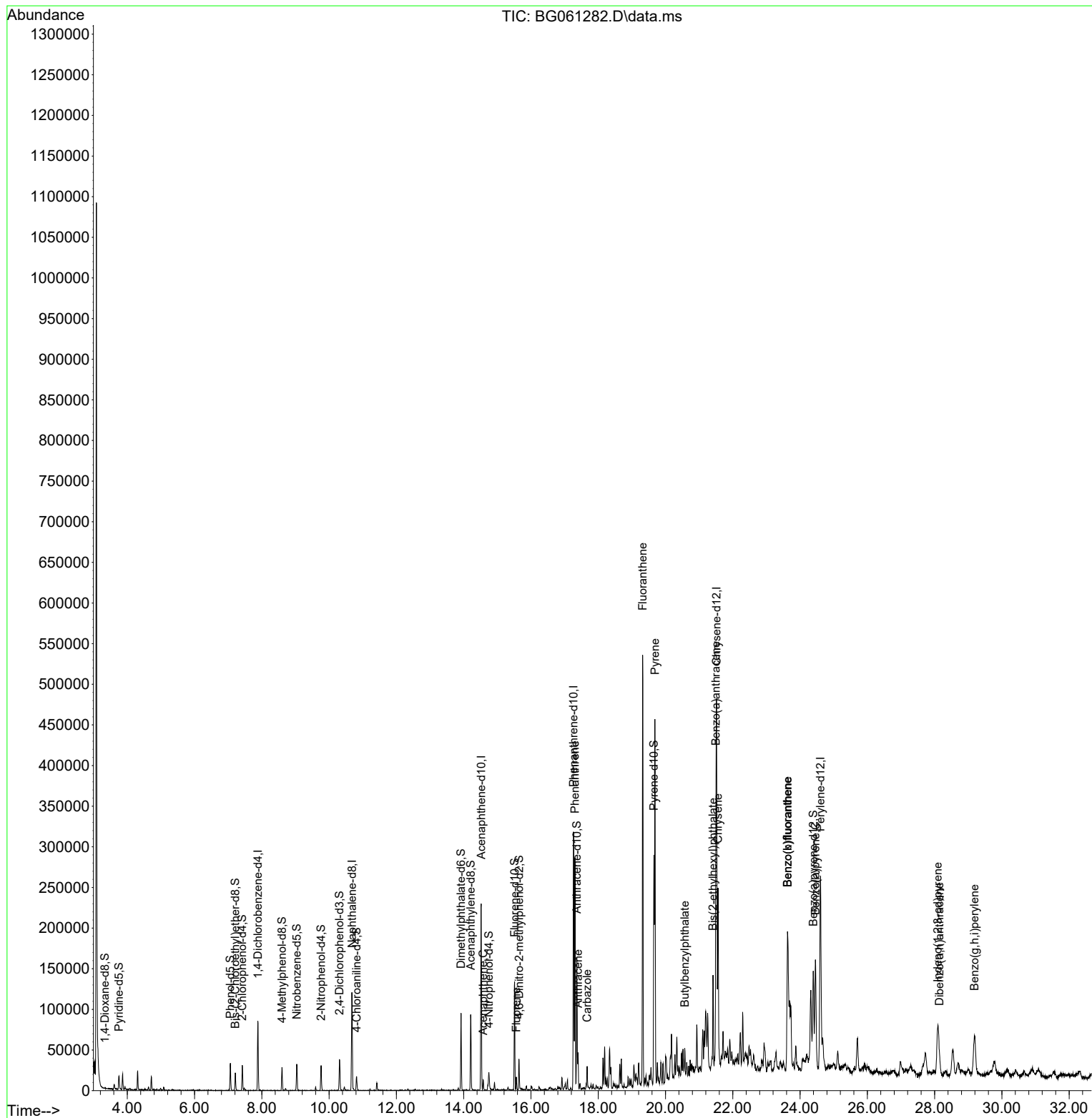
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	21289	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	94064	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.521	164	83263	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	209802	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.519	240	210806	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	238903	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	628	1.651	ng/uL	0.00
4) Pyridine-d5	3.751	84	6479	4.787	ng/ul	0.00
7) Phenol-d5	7.065	99	14877	8.510	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	9928	9.035	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	12367	9.558	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	9465	6.349	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	6661	9.197	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	7996	9.434	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	14853	8.989	ng/ul	0.00
31) 4-Chloroaniline-d4	10.820	131	9521	4.404	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	60282	9.335	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	64541	9.613	ng/ul	0.00
54) 4-Nitrophenol-d4	14.750	143	4409	5.522	ng/ul	0.00
60) Fluorene-d10	15.514	176	55098	9.883	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	8310	6.549	ng/ul	0.00
73) Anthracene-d10	17.365	188	91999	9.946	ng/ul	0.00
81) Pyrene-d10	19.656	212	111430	10.295	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	115527	10.059	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.580	153	5832	1.194	ng/ul	97
61) Fluorene	15.567	166	6351	1.051	ng/ul#	93
72) Phenanthrene	17.306	178	182385	17.911	ng/ul	98
74) Anthracene	17.400	178	31530	2.995	ng/ul	96
77) Carbazole	17.670	167	16545	1.932	ng/ul	98
80) Fluoranthene	19.321	202	336486	25.914	ng/ul	99
82) Pyrene	19.686	202	291466	21.625	ng/ul	99
83) Butylbenzylphthalate	20.579	149	8432	1.821	ng/ul	97
85) Benzo(a)anthracene	21.501	228	161272	11.087	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.413	149	42059	6.137	ng/ul#	98
87) Chrysene	21.560	228	161695	12.073	ng/ul	95
90) Benzo(b)fluoranthene	23.628	252	208030	14.625	ng/ul	98
91) Benzo(k)fluoranthene	23.628	252	208030	14.407	ng/ul#	97
93) Benzo(a)pyrene	24.456	252	142372	10.541	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.093	276	99312	6.080	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.140	278	27701	2.057	ng/ul#	95
96) Benzo(g,h,i)perylene	29.186	276	98278	7.563	ng/ul	95

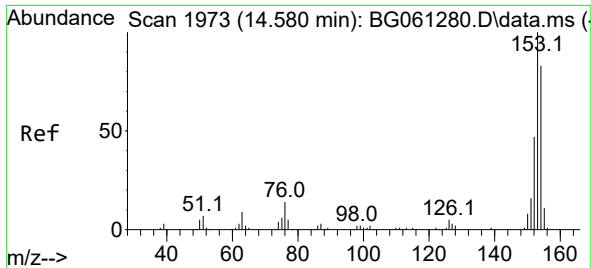
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
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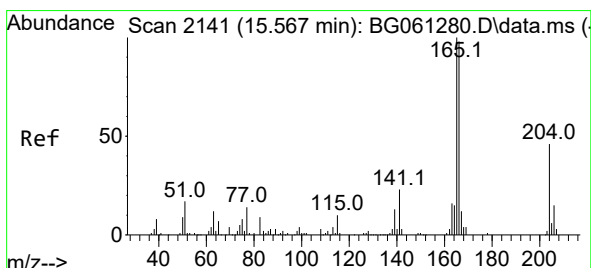
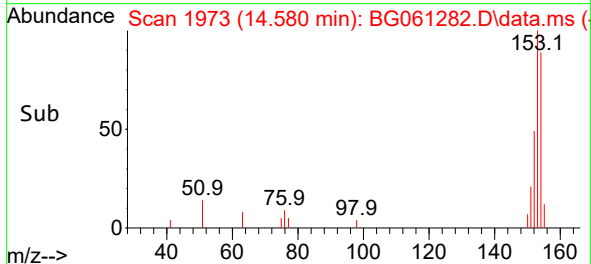
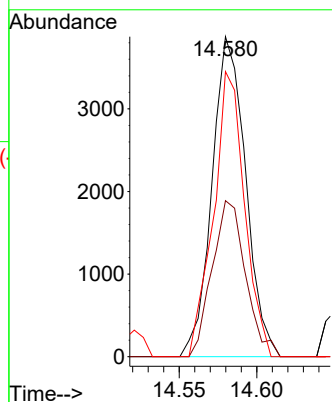
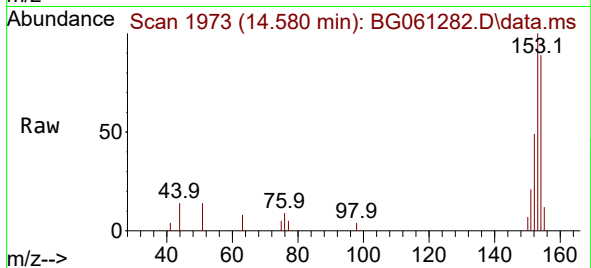




#52
Acenaphthene
Concen: 1.194 ng/ul
RT: 14.580 min Scan# 1973
Delta R.T. -0.007 min
Lab File: BG061282.D
Acq: 24 May 2024 11:04

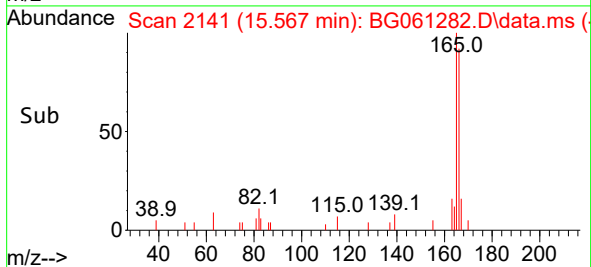
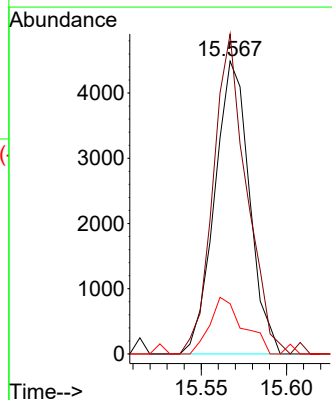
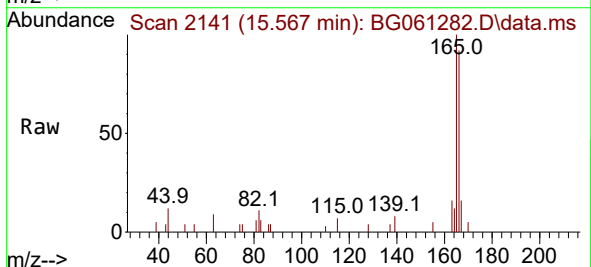
Instrument :
BNA_G
ClientSampleId :
BH5Y3

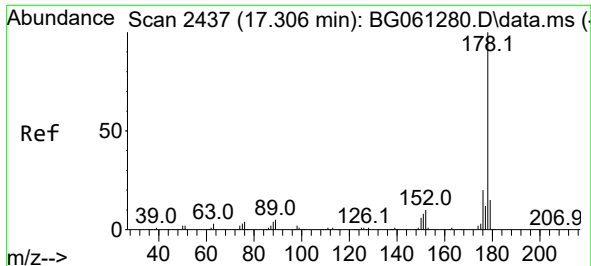
Tgt Ion:153 Resp: 5832
Ion Ratio Lower Upper
153 100
152 48.8 37.8 56.8
154 89.1 69.0 103.6



#61
Fluorene
Concen: 1.051 ng/ul
RT: 15.567 min Scan# 2141
Delta R.T. -0.007 min
Lab File: BG061282.D
Acq: 24 May 2024 11:04

Tgt Ion:166 Resp: 6351
Ion Ratio Lower Upper
166 100
165 109.3 81.8 122.8
167 17.1 10.6 16.0#

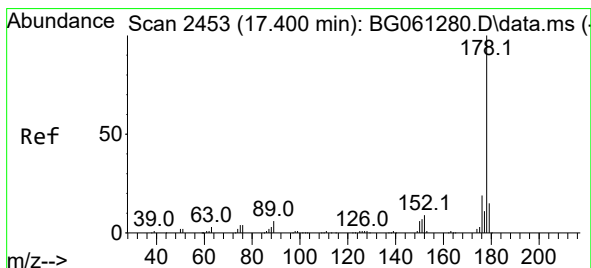
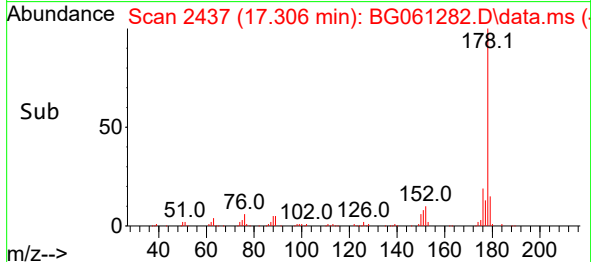
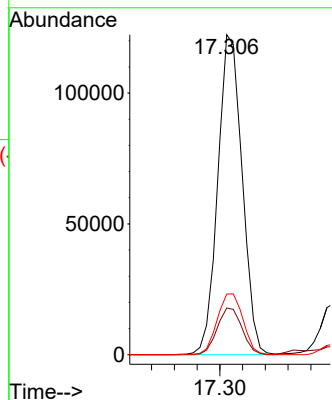
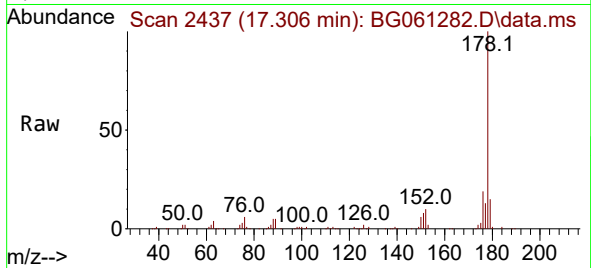




#72
Phenanthrene
Concen: 17.911 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.007 min
Lab File: BG061282.D
Acq: 24 May 2024 11:04

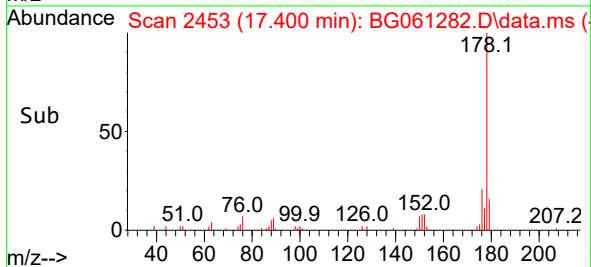
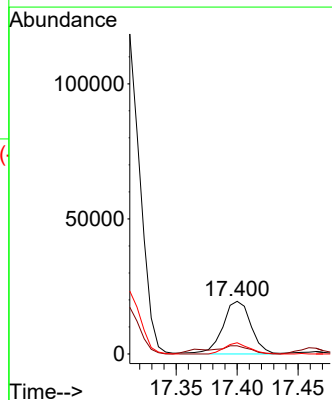
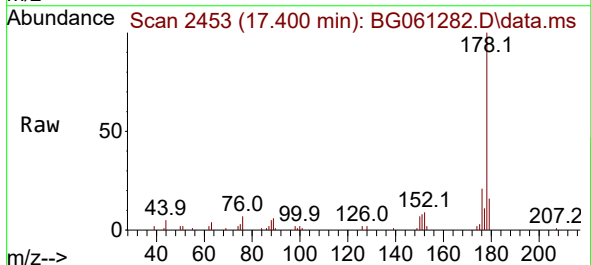
Instrument :
BNA_G
ClientSampleId :
BH5Y3

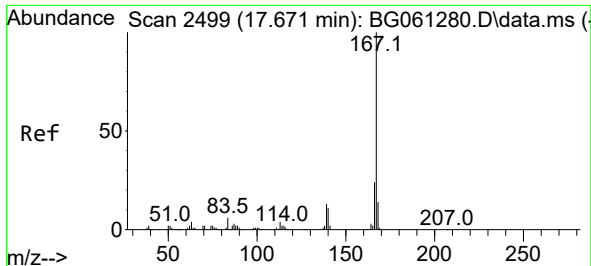
Tgt Ion:178 Resp: 182385
Ion Ratio Lower Upper
178 100
179 14.6 12.7 19.1
176 19.0 15.5 23.3



#74
Anthracene
Concen: 2.995 ng/ul
RT: 17.400 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BG061282.D
Acq: 24 May 2024 11:04

Tgt Ion:178 Resp: 31530
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.6
176 21.1 14.9 22.3

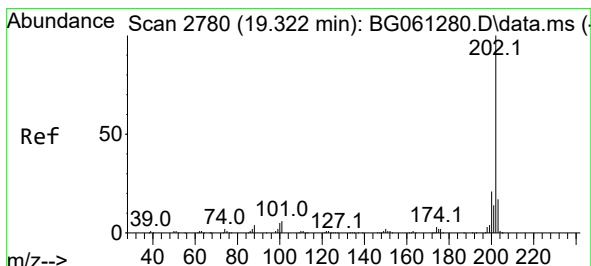
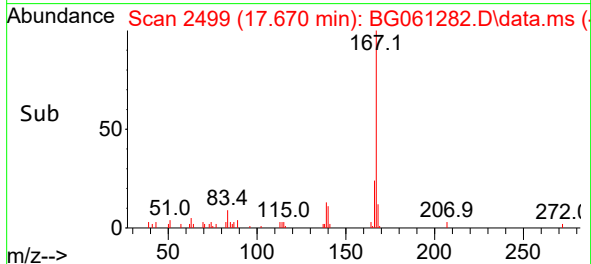
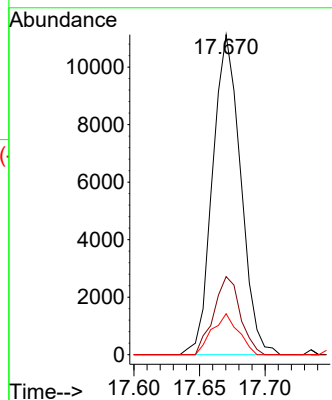
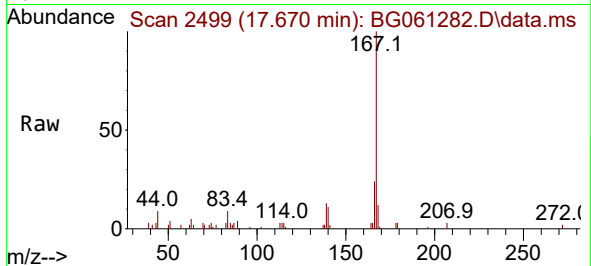




#77
 Carbazole
 Concen: 1.932 ng/ul
 RT: 17.670 min Scan# 2499
 Delta R.T. -0.007 min
 Lab File: BG061282.D
 Acq: 24 May 2024 11:04

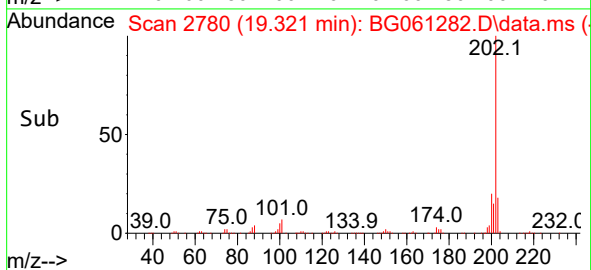
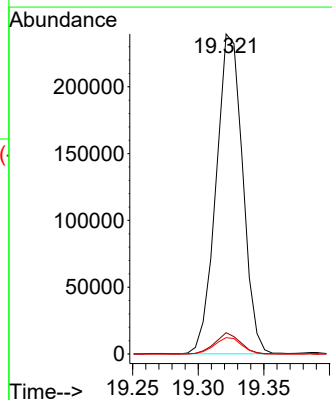
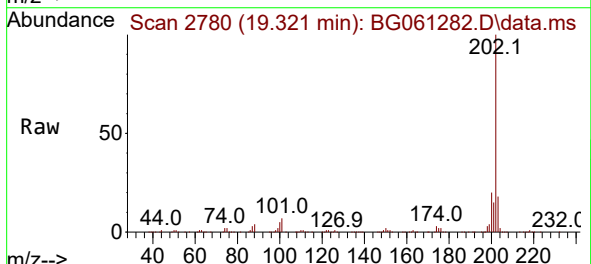
Instrument :
 BNA_G
 ClientSampleId :
 BH5Y3

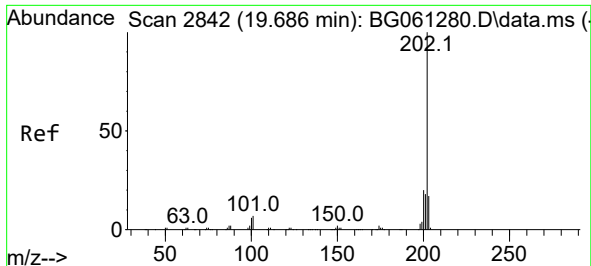
Tgt Ion:167	Resp:	16545
Ion Ratio	Lower	Upper
167	100	
166	24.4	18.6 28.0
139	12.8	10.6 15.8



#80
 Fluoranthene
 Concen: 25.914 ng/ul
 RT: 19.321 min Scan# 2780
 Delta R.T. -0.007 min
 Lab File: BG061282.D
 Acq: 24 May 2024 11:04

Tgt Ion:202	Resp:	336486
Ion Ratio	Lower	Upper
202	100	
101	6.7	4.8 7.2
100	5.1	4.1 6.1

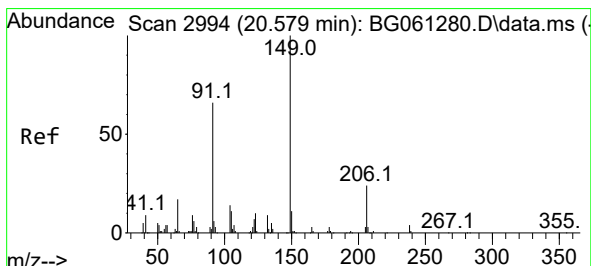
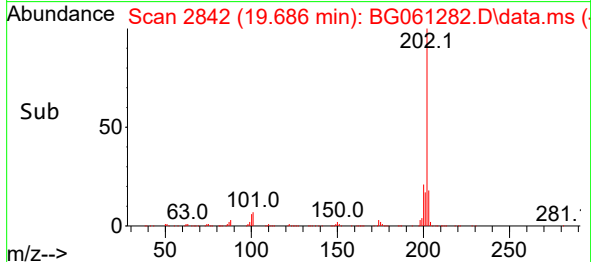
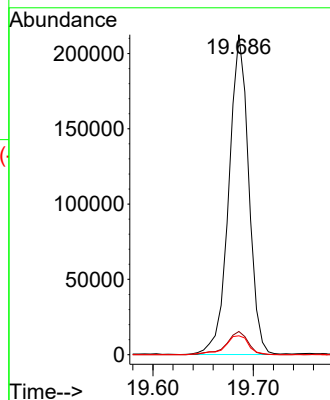
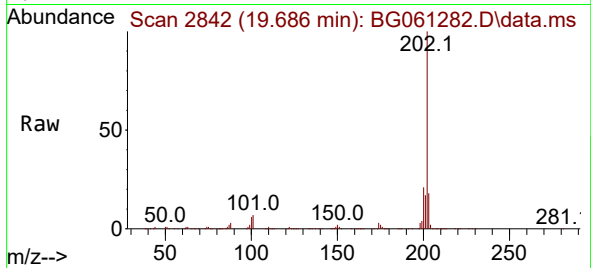




#82
 Pyrene
 Concen: 21.625 ng/ul
 RT: 19.686 min Scan# 2842
 Delta R.T. -0.001 min
 Lab File: BG061282.D
 Acq: 24 May 2024 11:04

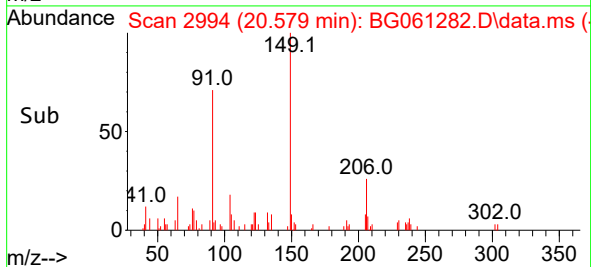
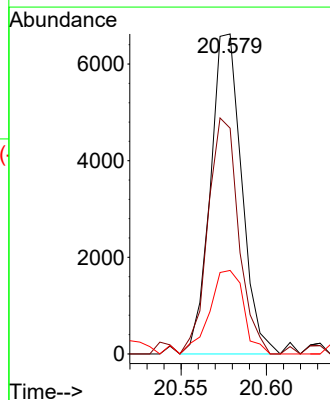
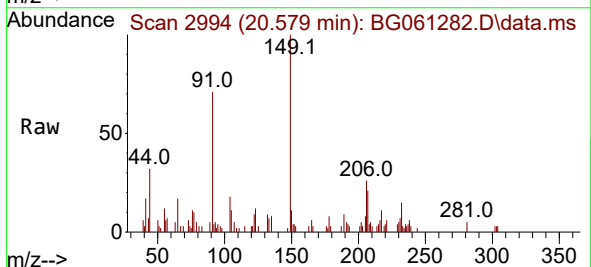
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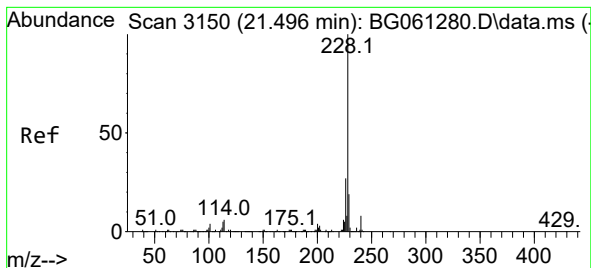
Tgt Ion:202 Resp: 291466
 Ion Ratio Lower Upper
 202 100
 101 7.2 5.7 8.5
 100 5.9 5.1 7.7



#83
 Butylbenzylphthalate
 Concen: 1.821 ng/ul
 RT: 20.579 min Scan# 2994
 Delta R.T. -0.001 min
 Lab File: BG061282.D
 Acq: 24 May 2024 11:04

Tgt Ion:149 Resp: 8432
 Ion Ratio Lower Upper
 149 100
 91 70.5 54.8 82.2
 206 26.1 19.4 29.0





#85

Benzo(a)anthracene

Concen: 11.087 ng/ul

RT: 21.501 min Scan# 3151

Delta R.T. -0.001 min

Lab File: BG061282.D

Acq: 24 May 2024 11:04

Instrument :

BNA_G

ClientSampleId :

BH5Y3

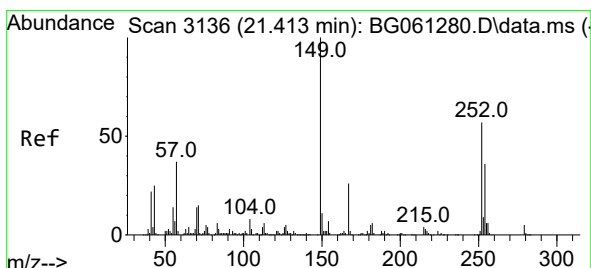
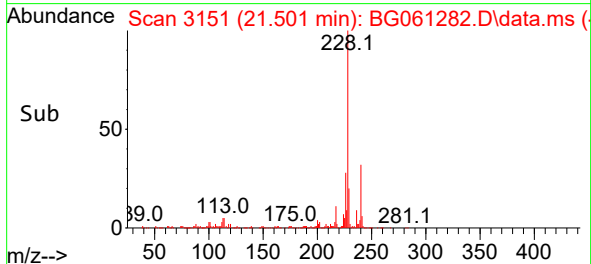
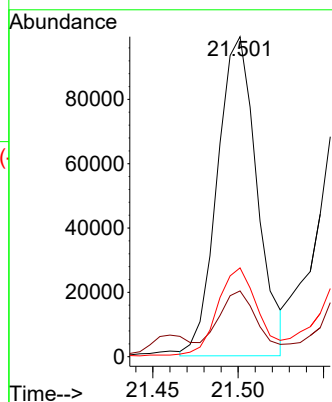
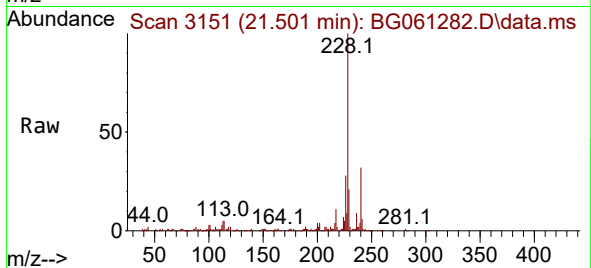
Tgt Ion:228 Resp: 161272

Ion Ratio Lower Upper

228 100

229 20.6 15.2 22.8

226 27.8 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 6.137 ng/ul

RT: 21.413 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG061282.D

Acq: 24 May 2024 11:04

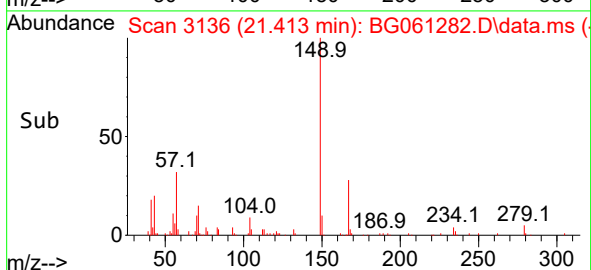
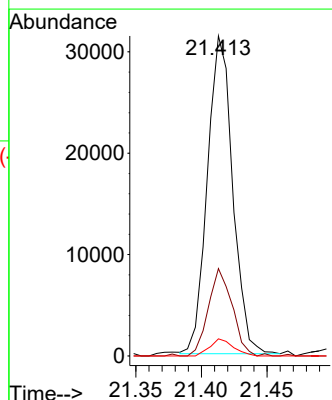
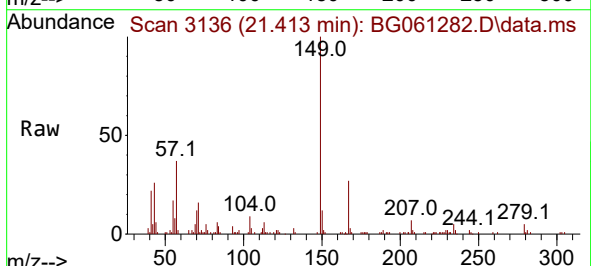
Tgt Ion:149 Resp: 42059

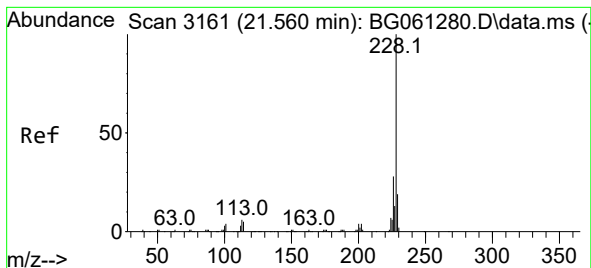
Ion Ratio Lower Upper

149 100

167 27.3 21.1 31.7

279 5.4 3.3 4.9#





#87

Chrysene

Concen: 12.073 ng/ul

RT: 21.560 min Scan# 3161

Delta R.T. -0.007 min

Lab File: BG061282.D

Acq: 24 May 2024 11:04

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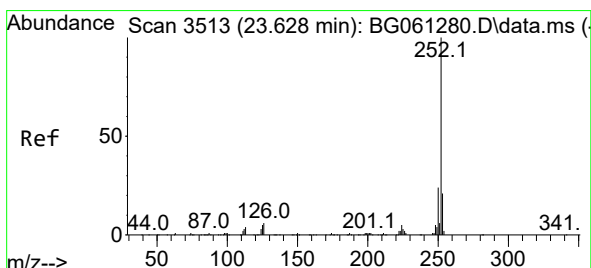
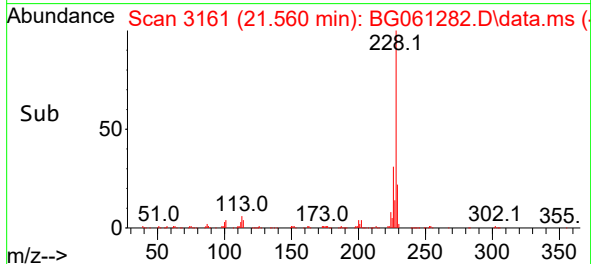
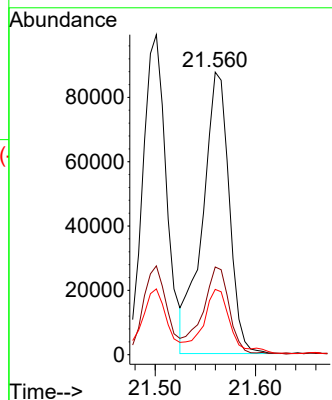
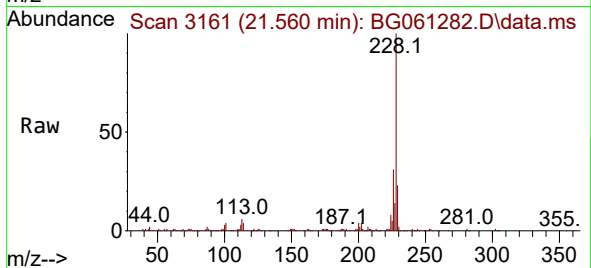
Tgt Ion:228 Resp: 161695

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.0

229 23.1 15.4 23.2



#90

Benzo(b)fluoranthene

Concen: 14.625 ng/ul

RT: 23.628 min Scan# 3513

Delta R.T. -0.001 min

Lab File: BG061282.D

Acq: 24 May 2024 11:04

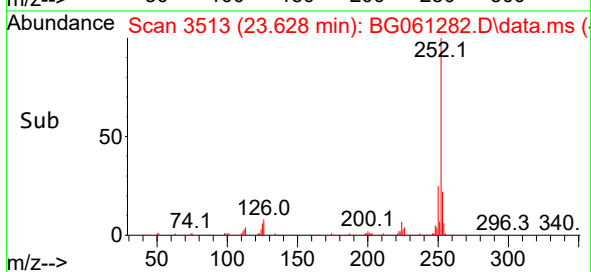
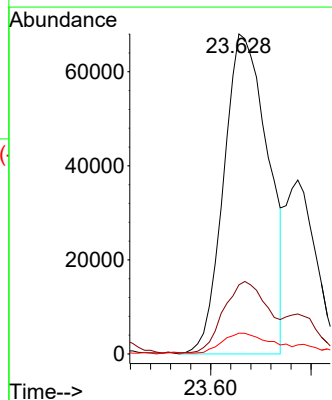
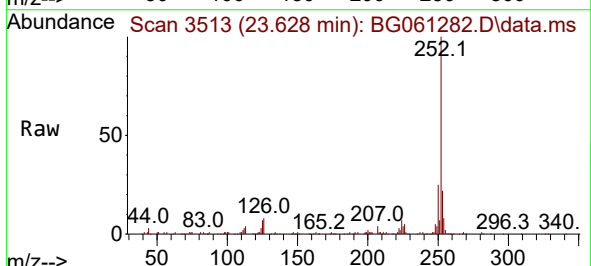
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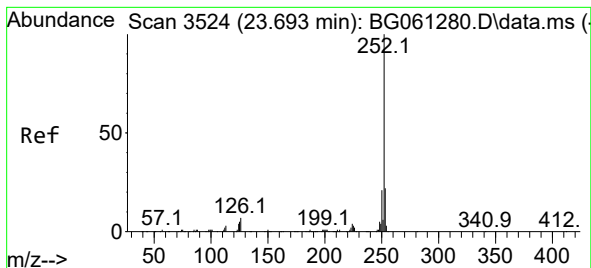
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 6.5 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 14.407 ng/ul

RT: 23.628 min Scan# 3513

Delta R.T. -0.066 min

Lab File: BG061282.D

Acq: 24 May 2024 11:04

Instrument :

BNA_G

ClientSampleId :

BH5Y3

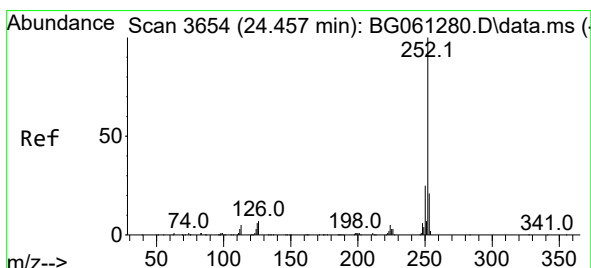
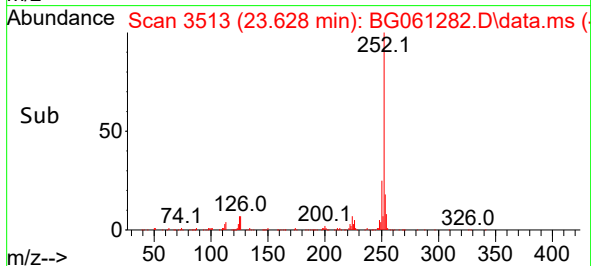
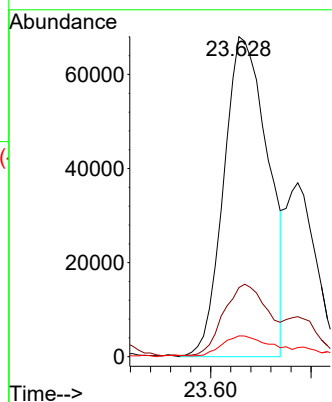
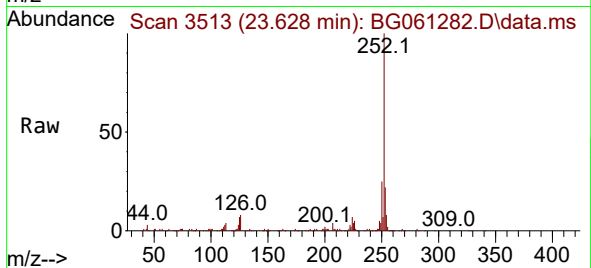
Tgt Ion:252 Resp: 208030

Ion Ratio Lower Upper

252 100

253 21.6 16.0 24.0

125 6.5 4.3 6.5#



#93

Benzo(a)pyrene

Concen: 10.541 ng/ul

RT: 24.456 min Scan# 3654

Delta R.T. -0.007 min

Lab File: BG061282.D

Acq: 24 May 2024 11:04

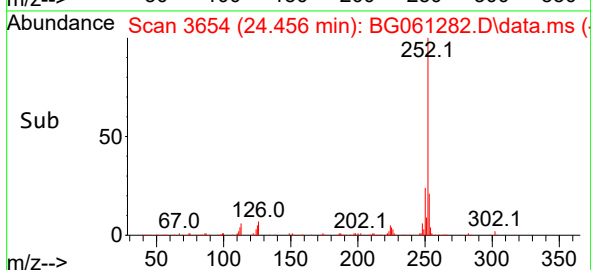
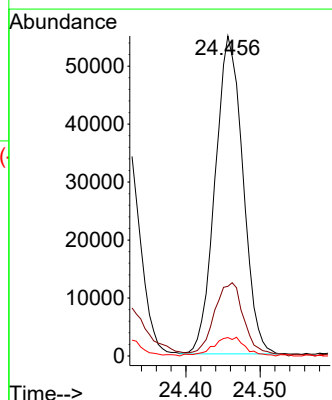
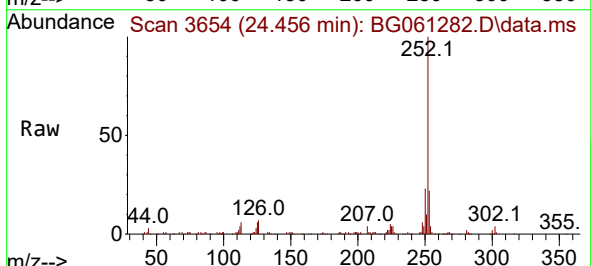
Tgt Ion:252 Resp: 142372

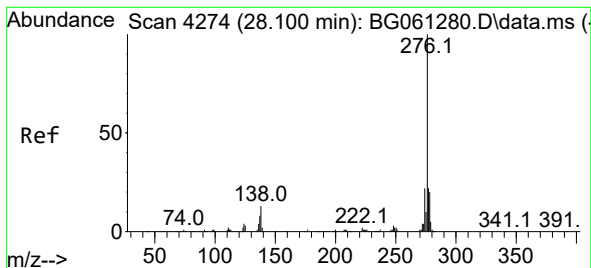
Ion Ratio Lower Upper

252 100

253 21.8 16.4 24.6

125 5.7 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.080 ng/ul

RT: 28.093 min Scan# 41

Delta R.T. -0.013 min

Lab File: BG061282.D

Acq: 24 May 2024 11:04

Instrument :

BNA_G

ClientSampleId :

BH5Y3

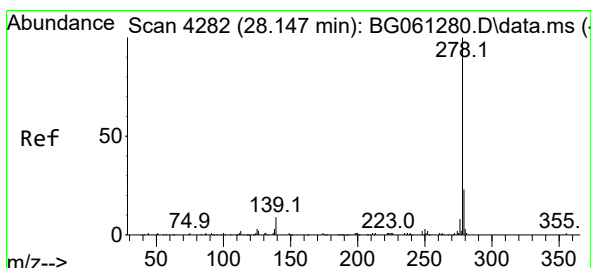
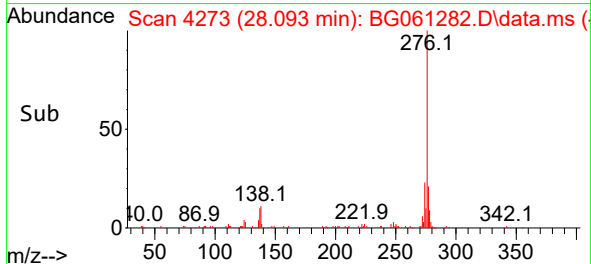
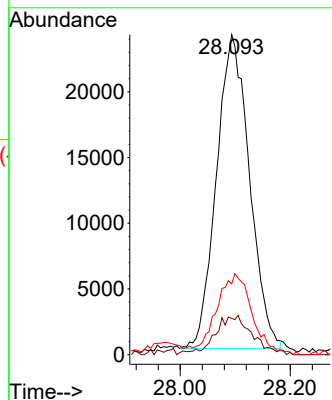
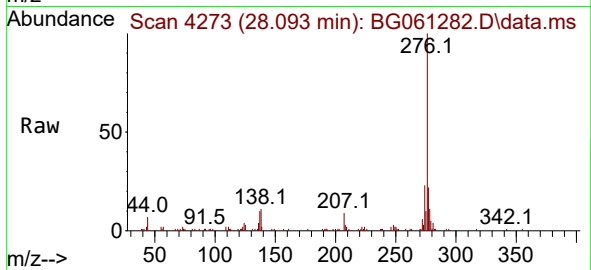
Tgt Ion:276 Resp: 99312

Ion Ratio Lower Upper

276 100

138 13.4 8.6 13.0#

277 22.2 19.7 29.5



#95

Dibenzo(a,h)anthracene

Concen: 2.057 ng/ul

RT: 28.140 min Scan# 4281

Delta R.T. -0.019 min

Lab File: BG061282.D

Acq: 24 May 2024 11:04

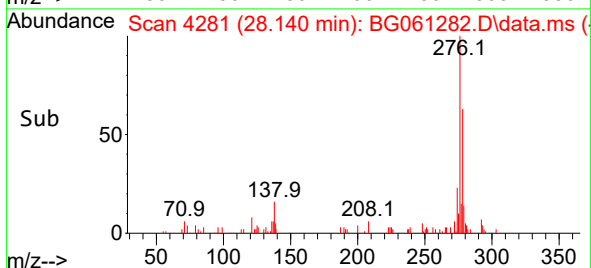
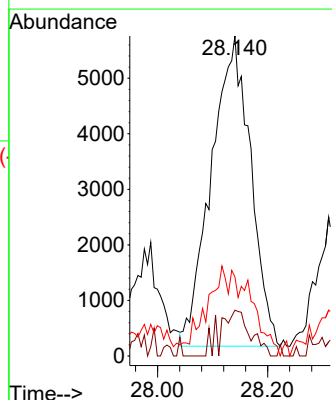
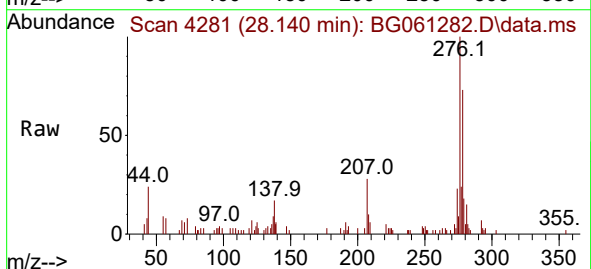
Tgt Ion:278 Resp: 27701

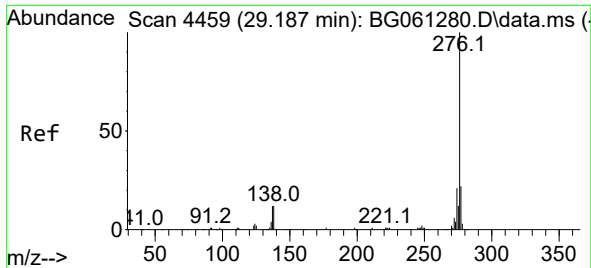
Ion Ratio Lower Upper

278 100

139 14.3 6.4 9.6#

279 24.7 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 7.563 ng/ul
 RT: 29.186 min Scan# 4459
 Delta R.T. -0.007 min
 Lab File: BG061282.D
 Acq: 24 May 2024 11:04

Instrument :
 BNA_G
 ClientSampleId :
 BH5Y3

Tgt Ion:276 Resp: 98278
 Ion Ratio Lower Upper
 276 100
 138 11.7 8.7 13.1
 277 26.0 18.2 27.2

