

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061310.D
 Acq On : 28 May 2024 22:07
 Operator : MA/JU
 Sample : P2568-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH633

Quant Time: May 28 22:56:17 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

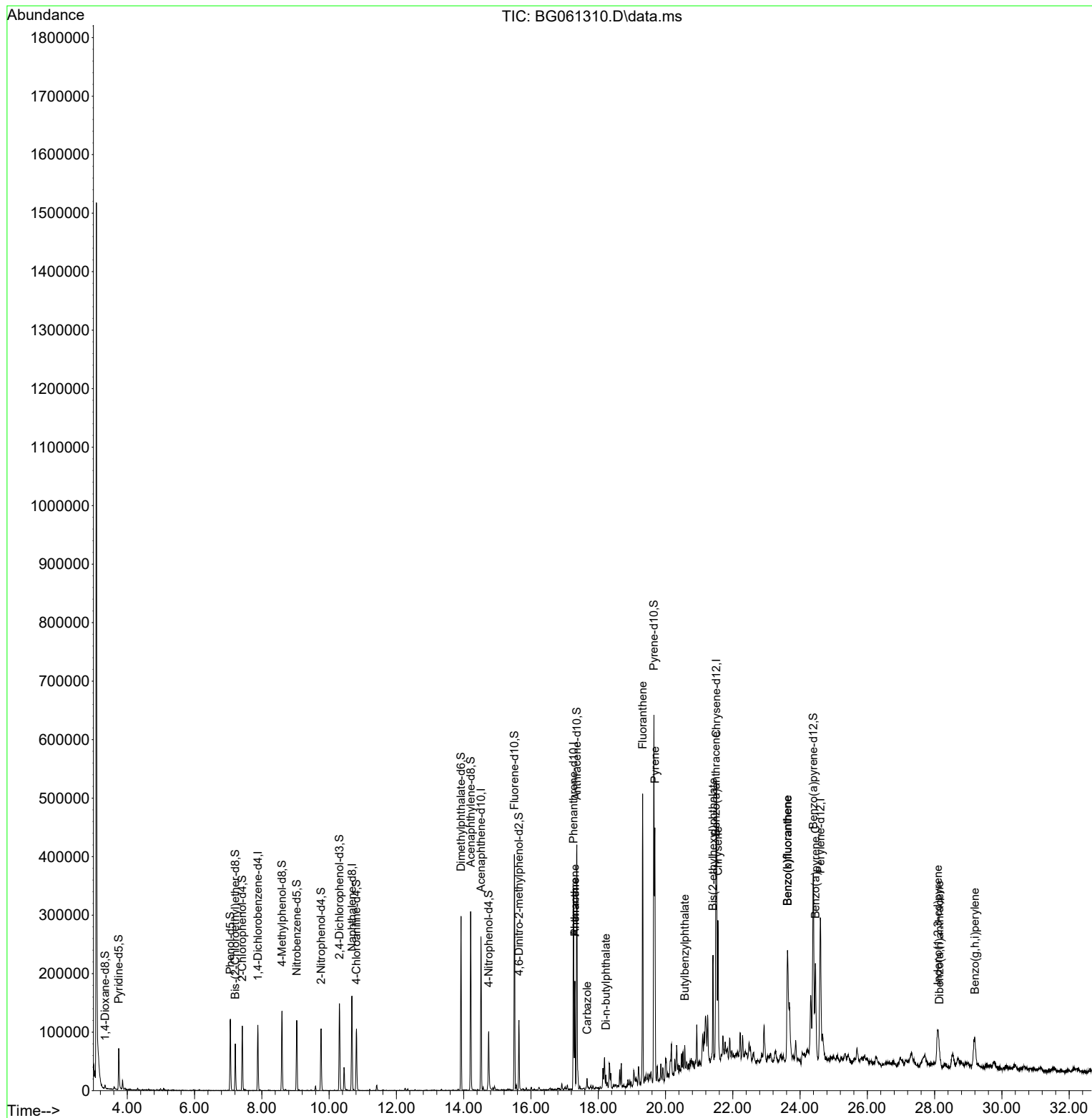
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	27852	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	122623	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	93203	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	215508	20.000	ng/ul	0.00
79) Chrysene-d12	21.513	240	218781	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	248897	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2550	5.124	ng/uL	0.00
4) Pyridine-d5	3.746	84	30088	16.993	ng/ul	0.00
7) Phenol-d5	7.066	99	56841	24.852	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	35796	24.900	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	45586	26.930	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	45651	23.407	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	22879	24.233	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	26674	24.141	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	54207	25.165	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	51488	18.270	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	183978	25.451	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	203250	27.045	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	19763	22.114	ng/ul	0.00
60) Fluorene-d10	15.509	176	162148	25.982	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	26632	20.432	ng/ul	0.00
73) Anthracene-d10	17.365	188	257844	27.138	ng/ul	0.00
81) Pyrene-d10	19.657	212	307310	27.357	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	330949	27.658	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	114292	10.927	ng/ul	99
74) Anthracene	17.306	178	114292	10.568	ng/ul	99
77) Carbazole	17.671	167	11546	1.313	ng/ul	99
78) Di-n-butylphthalate	18.229	149	13772	1.249	ng/ul	98
80) Fluoranthene	19.322	202	309485	22.966	ng/ul	99
82) Pyrene	19.686	202	285899	20.439	ng/ul	100
83) Butylbenzylphthalate	20.573	149	11847	2.465	ng/ul#	85
85) Benzo(a)anthracene	21.496	228	171407	11.354	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.413	149	65138	9.158	ng/ul#	98
87) Chrysene	21.560	228	182707	13.144	ng/ul	97
90) Benzo(b)fluoranthene	23.628	252	233079	15.728	ng/ul	98
91) Benzo(k)fluoranthene	23.628	252	233079	15.493	ng/ul	94
93) Benzo(a)pyrene	24.457	252	158061	11.232	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.100	276	112043	6.584	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.141	278	19570	1.395	ng/ul#	92
96) Benzo(g,h,i)perylene	29.198	276	106632	7.877	ng/ul	98

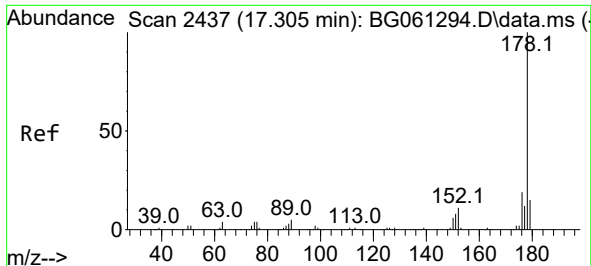
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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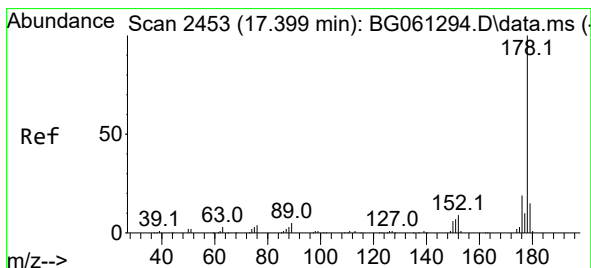
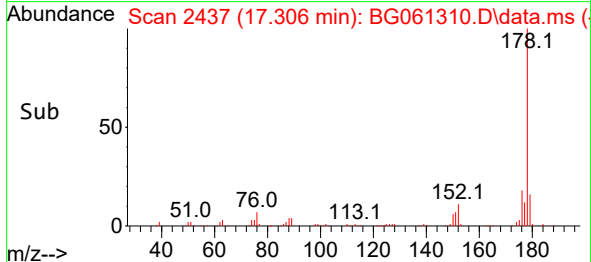
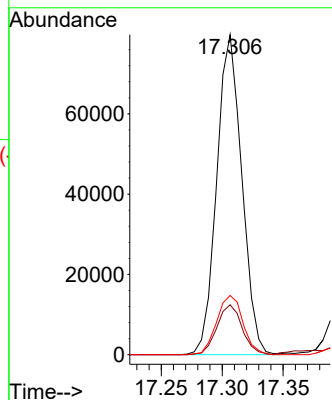
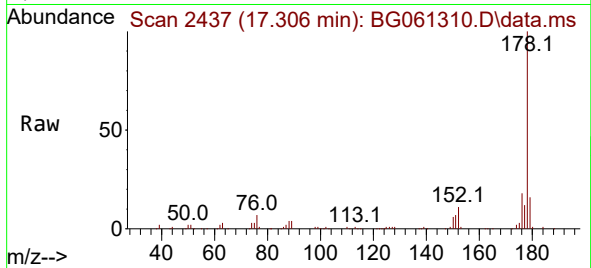




#72
Phenanthrene
Concen: 10.927 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

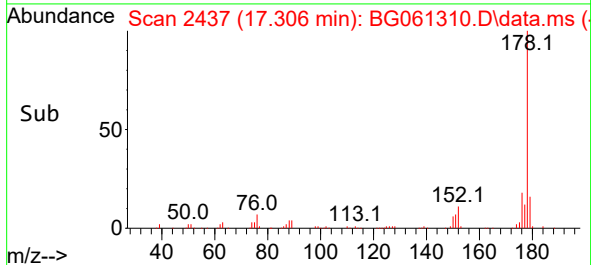
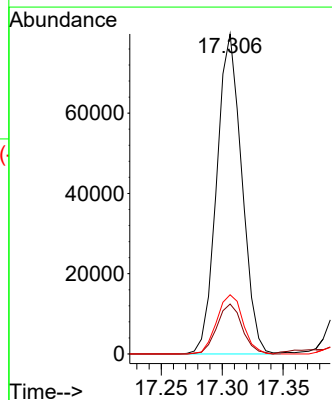
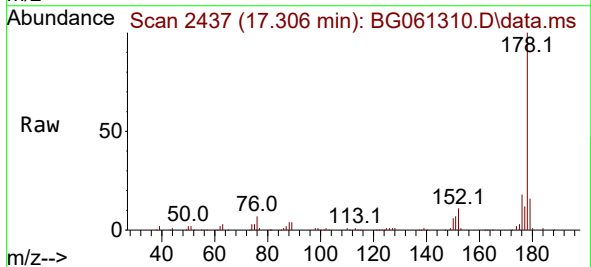
Instrument :
BNA_G
ClientSampleId :
BH633

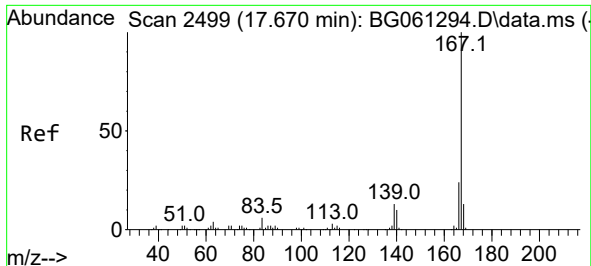
Tgt Ion:178 Resp: 114292
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.5 15.5 23.3



#74
Anthracene
Concen: 10.568 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.095 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

Tgt Ion:178 Resp: 114292
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.6
176 18.5 14.9 22.3

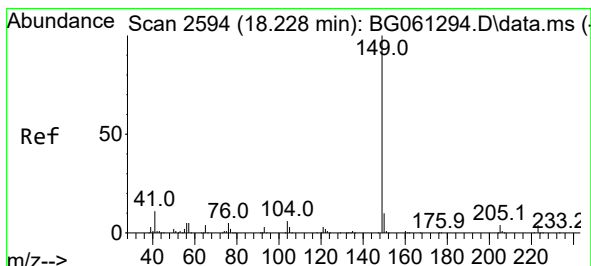
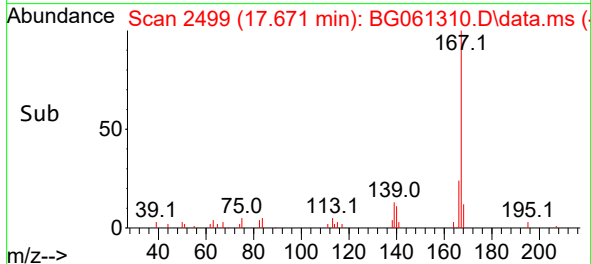
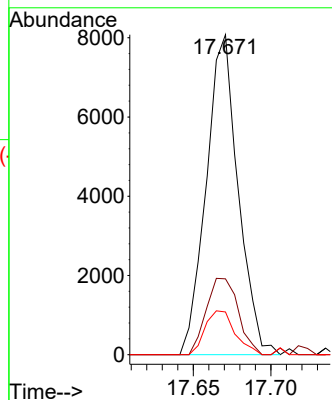
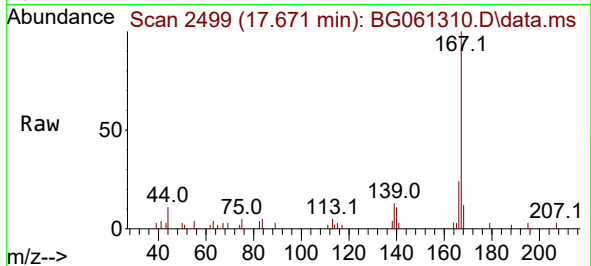




#77
 Carbazole
 Concen: 1.313 ng/ul
 RT: 17.671 min Scan# 2499
 Delta R.T. -0.006 min
 Lab File: BG061310.D
 Acq: 28 May 2024 22:07

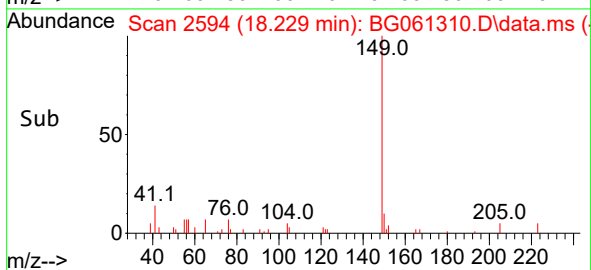
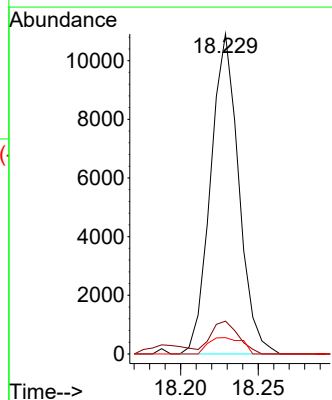
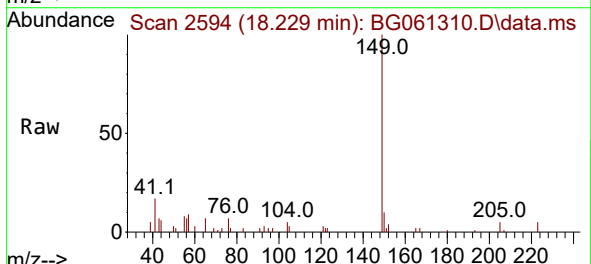
Instrument :
 BNA_G
 ClientSampleId :
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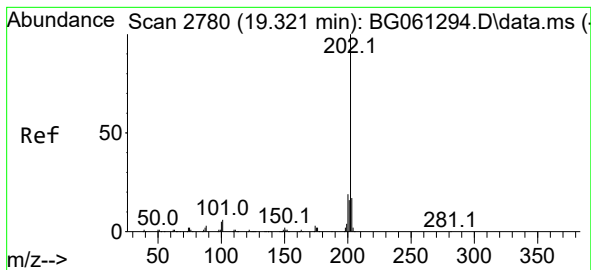
Tgt Ion:167	Resp:	11546
Ion	Ratio	Lower Upper
167	100	
166	23.7	18.6 28.0
139	13.4	10.6 15.8



#78
 Di-n-butylphthalate
 Concen: 1.249 ng/ul
 RT: 18.229 min Scan# 2594
 Delta R.T. -0.006 min
 Lab File: BG061310.D
 Acq: 28 May 2024 22:07

Tgt Ion:149	Resp:	13772
Ion	Ratio	Lower Upper
149	100	
150	10.3	7.8 11.8
104	5.1	4.8 7.2





#80

Fluoranthene

Concen: 22.966 ng/ul

RT: 19.322 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG061310.D

Acq: 28 May 2024 22:07

Instrument :

BNA_G

ClientSampleId :

BH633

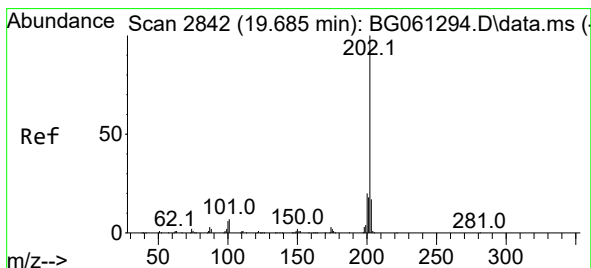
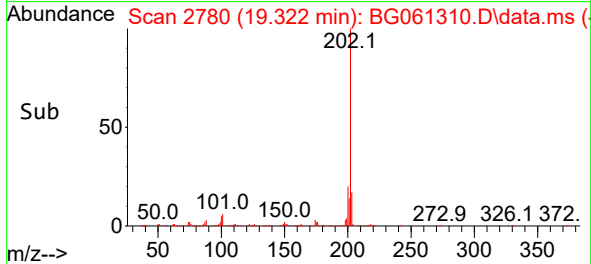
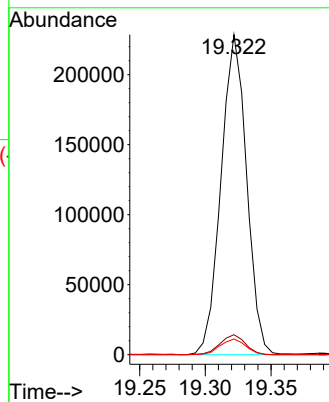
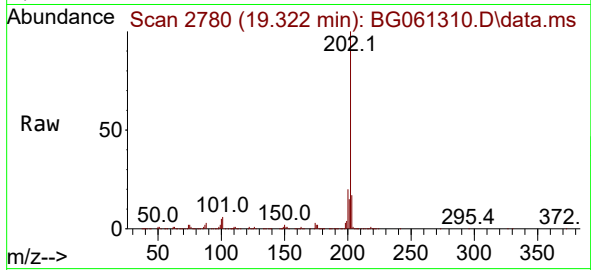
Tgt Ion:202 Resp: 309485

Ion Ratio Lower Upper

202 100

101 6.2 4.8 7.2

100 4.9 4.1 6.1



#82

Pyrene

Concen: 20.439 ng/ul

RT: 19.686 min Scan# 2842

Delta R.T. -0.000 min

Lab File: BG061310.D

Acq: 28 May 2024 22:07

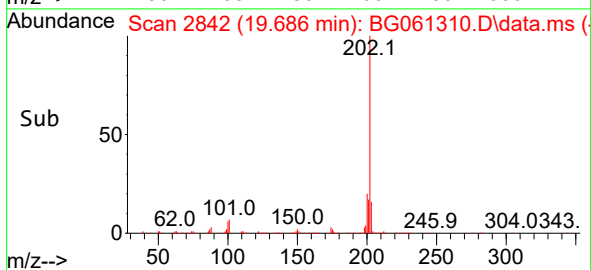
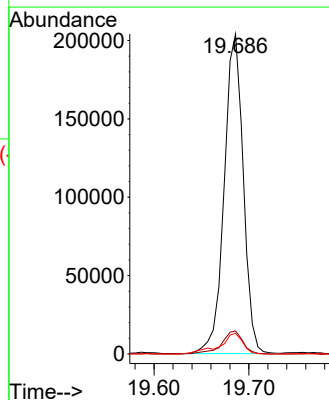
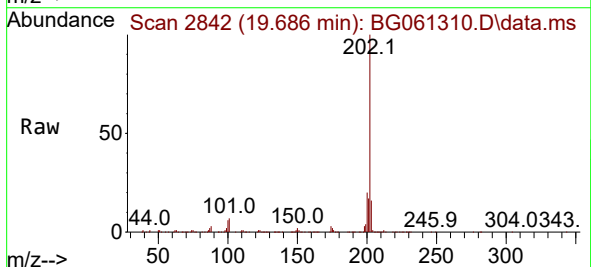
Tgt Ion:202 Resp: 285899

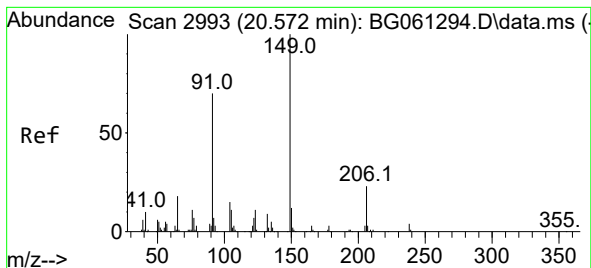
Ion Ratio Lower Upper

202 100

101 7.2 5.7 8.5

100 6.4 5.1 7.7





#83

Butylbenzylphthalate

Concen: 2.465 ng/ul

RT: 20.573 min Scan# 2993

Delta R.T. -0.006 min

Lab File: BG061310.D

Acq: 28 May 2024 22:07

Instrument :

BNA_G

ClientSampleId :

BH633

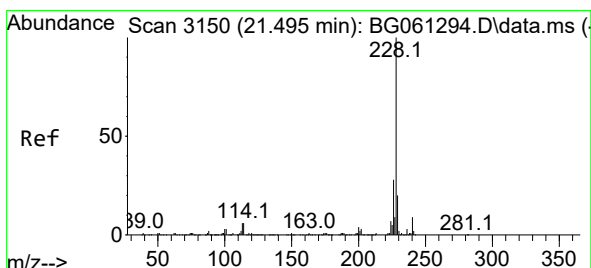
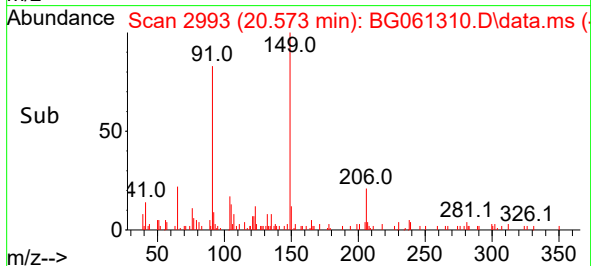
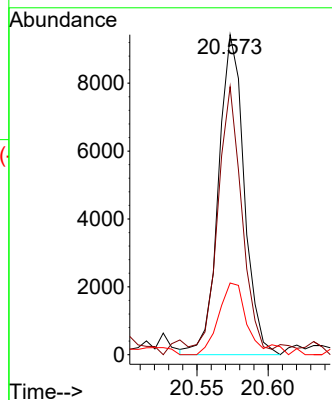
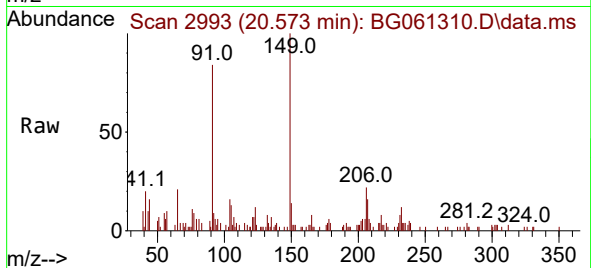
Tgt Ion:149 Resp: 11847

Ion Ratio Lower Upper

149 100

91 83.7 54.8 82.2#

206 22.4 19.4 29.0



#85

Benzo(a)anthracene

Concen: 11.354 ng/ul

RT: 21.496 min Scan# 3150

Delta R.T. -0.006 min

Lab File: BG061310.D

Acq: 28 May 2024 22:07

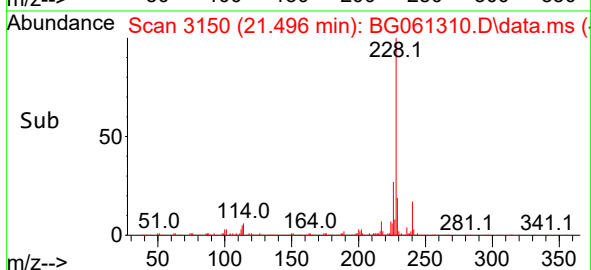
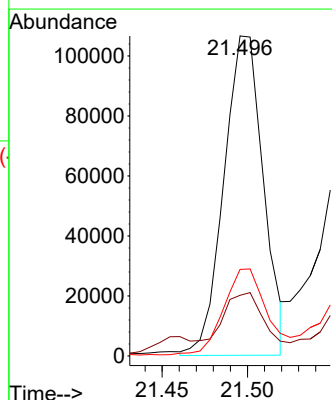
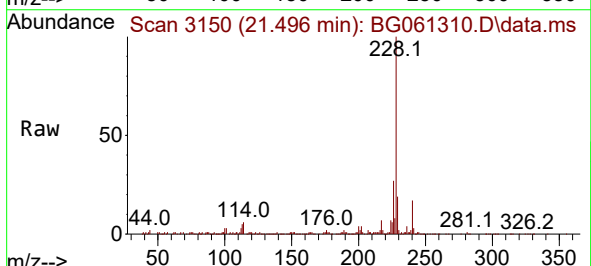
Tgt Ion:228 Resp: 171407

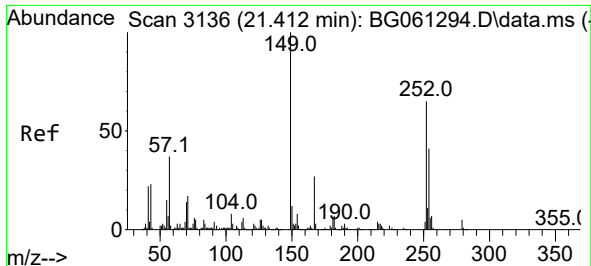
Ion Ratio Lower Upper

228 100

229 19.0 15.2 22.8

226 27.0 21.4 32.2

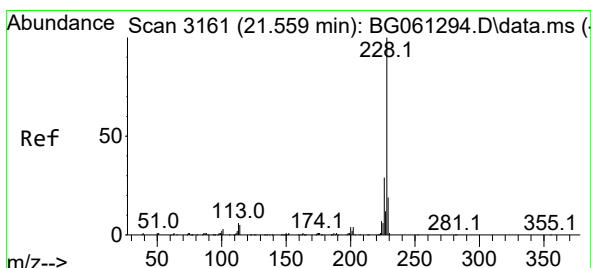
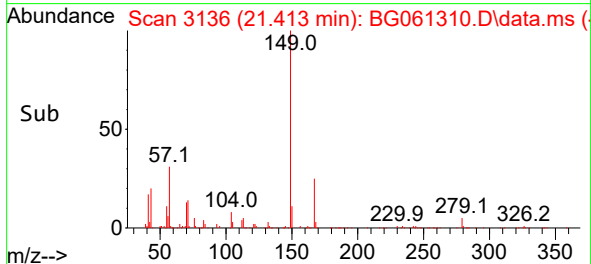
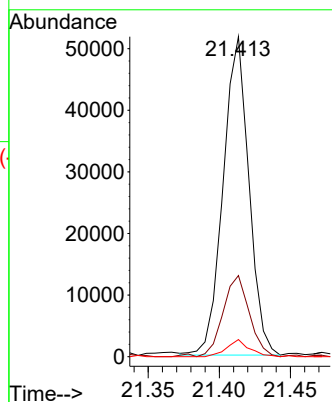
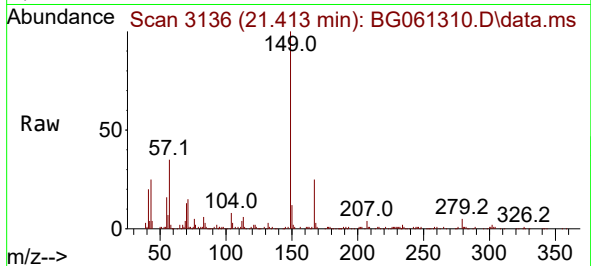




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 9.158 ng/ul
 RT: 21.413 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: BG061310.D
 Acq: 28 May 2024 22:07

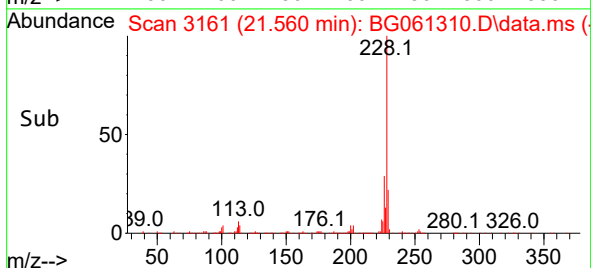
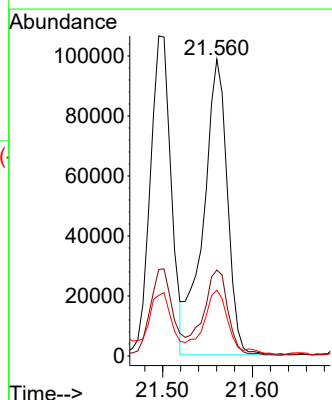
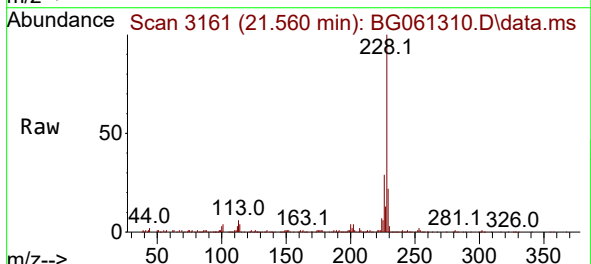
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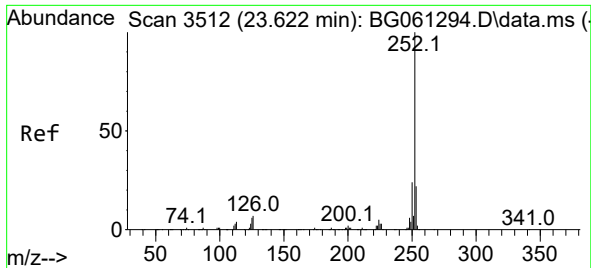
Tgt Ion:149 Resp: 65138
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.1 31.7
 279 5.3 3.3 4.9#



#87
 Chrysene
 Concen: 13.144 ng/ul
 RT: 21.560 min Scan# 3161
 Delta R.T. -0.006 min
 Lab File: BG061310.D
 Acq: 28 May 2024 22:07

Tgt Ion:228 Resp: 182707
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.4 35.0
 229 22.2 15.4 23.2

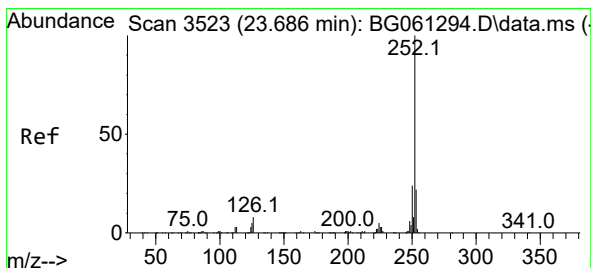
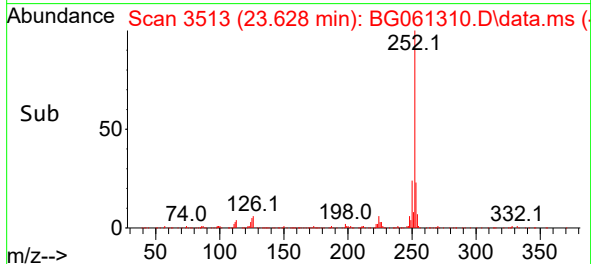
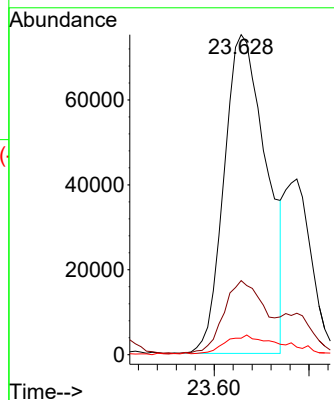
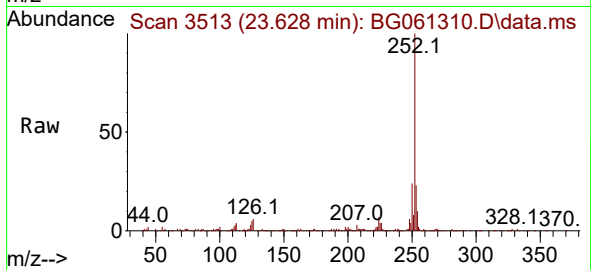




#90
Benzo(b)fluoranthene
Concen: 15.728 ng/ul
RT: 23.628 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

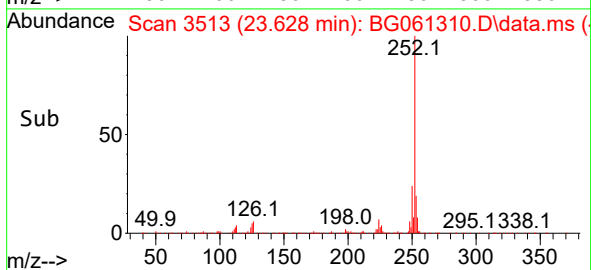
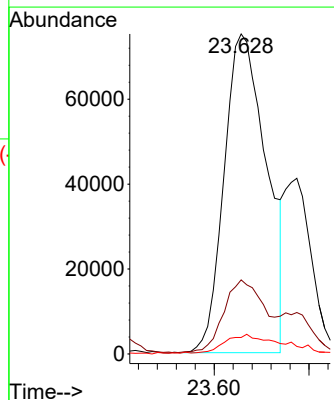
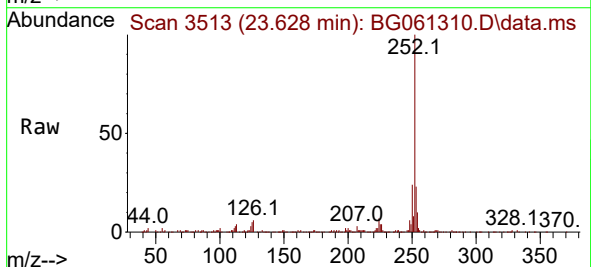
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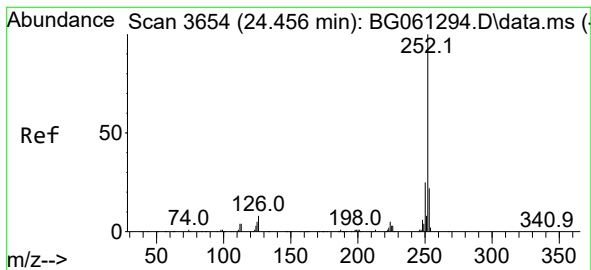
Tgt Ion:252 Resp: 233079
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 5.1 4.6 6.8



#91
Benzo(k)fluoranthene
Concen: 15.493 ng/ul
RT: 23.628 min Scan# 3513
Delta R.T. -0.065 min
Lab File: BG061310.D
Acq: 28 May 2024 22:07

Tgt Ion:252 Resp: 233079
Ion Ratio Lower Upper
252 100
253 23.2 16.0 24.0
125 5.1 4.3 6.5





#93

Benzo(a)pyrene

Concen: 11.232 ng/ul

RT: 24.457 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG061310.D

Acq: 28 May 2024 22:07

Instrument :

BNA_G

ClientSampleId :

BH633

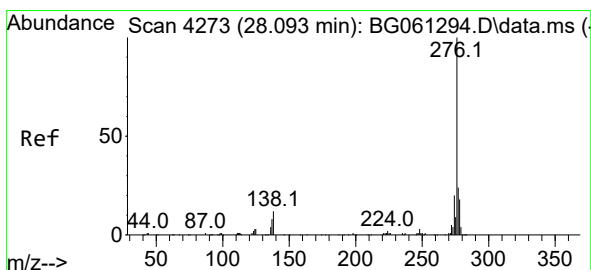
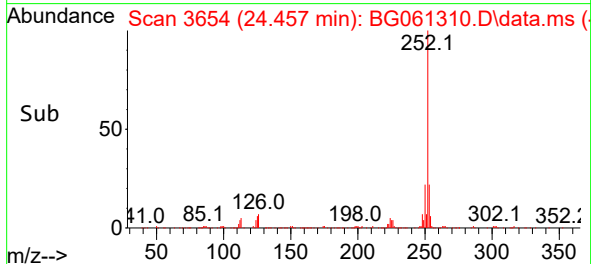
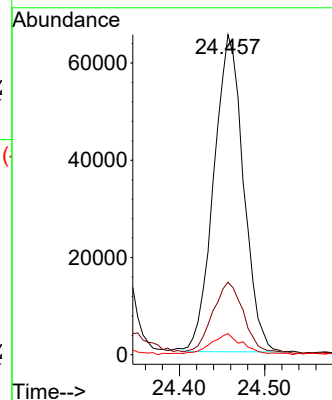
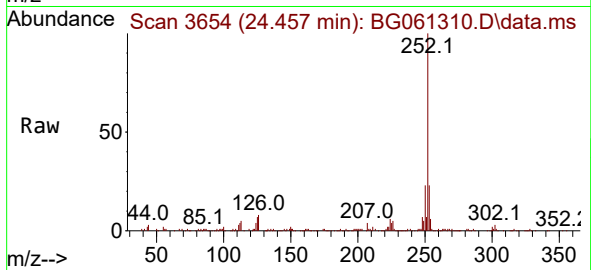
Tgt Ion:252 Resp: 158061

Ion Ratio Lower Upper

252 100

253 22.7 16.4 24.6

125 6.6 4.3 6.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.584 ng/ul

RT: 28.100 min Scan# 4274

Delta R.T. -0.006 min

Lab File: BG061310.D

Acq: 28 May 2024 22:07

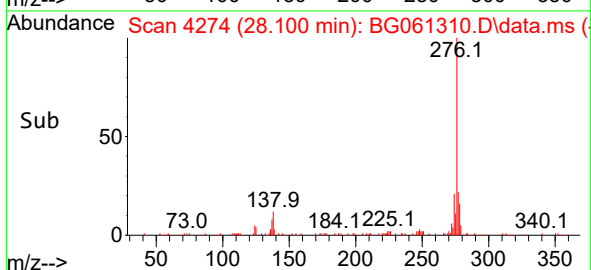
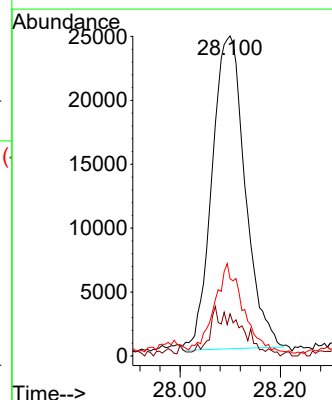
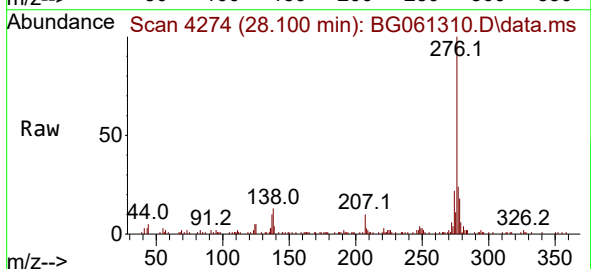
Tgt Ion:276 Resp: 112043

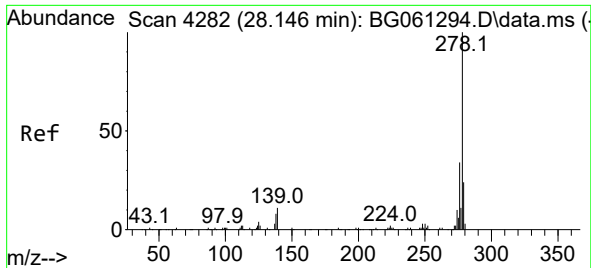
Ion Ratio Lower Upper

276 100

138 17.2 8.6 13.0#

277 24.1 19.7 29.5

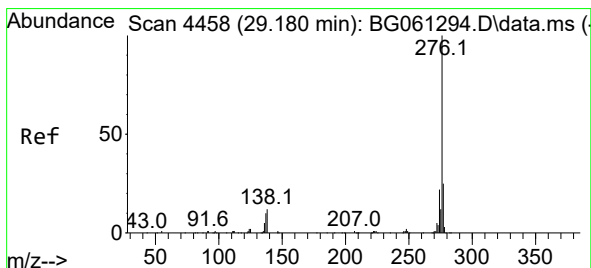
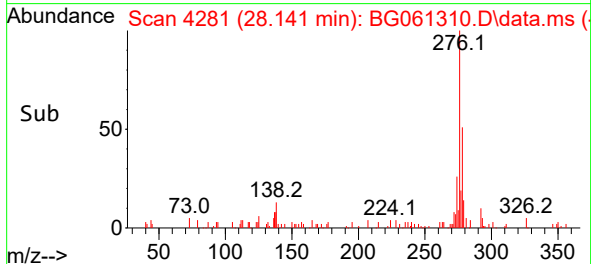
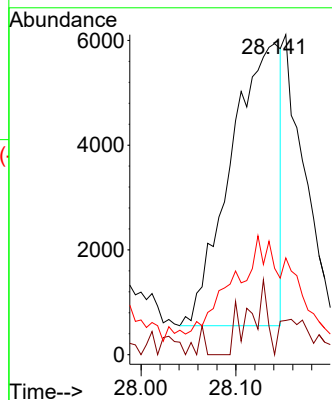
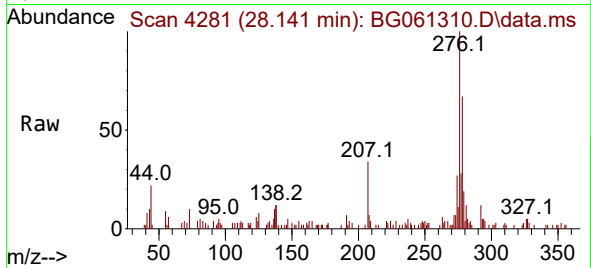




#95
 Dibenzo(a,h)anthracene
 Concen: 1.395 ng/ul
 RT: 28.141 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BG061310.D
 Acq: 28 May 2024 22:07

Instrument :
 BNA_G
 ClientSampleId :
 BH633

Tgt Ion:278 Resp: 19570
 Ion Ratio Lower Upper
 278 100
 139 2.9 6.4 9.6#
 279 27.8 19.9 29.9



#96
 Benzo(g,h,i)perylene
 Concen: 7.877 ng/ul
 RT: 29.198 min Scan# 4461
 Delta R.T. 0.005 min
 Lab File: BG061310.D
 Acq: 28 May 2024 22:07

Tgt Ion:276 Resp: 106632
 Ion Ratio Lower Upper
 276 100
 138 12.2 8.7 13.1
 277 23.3 18.2 27.2

