

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061493.D
 Acq On : 5 Jun 2024 19:18
 Operator : MA/JU
 Sample : P2623-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR5

Quant Time: Jun 05 22:53:29 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	7.875	152	30676	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	118908	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	87026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.264	188	199064	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	226622	20.000	ng/ul	0.00
88) Perylene-d12	24.615	264	261560	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1778	3.244	ng/uL	0.00
4) Pyridine-d5	3.745	84	28089	14.404	ng/ul	0.00
7) Phenol-d5	7.071	99	44432	17.638	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.206	67	27250	17.210	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	37333	20.025	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	38387	17.871	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	19535	21.338	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	23182	21.636	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	44378	21.245	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	48926	17.903	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	140610	20.832	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	155137	22.108	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	12172	14.587	ng/ul	0.02
60) Fluorene-d10	15.508	176	124077	21.292	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	13492	11.206	ng/ul	0.02
73) Anthracene-d10	17.364	188	191073	21.772	ng/ul	0.00
81) Pyrene-d10	19.656	212	244883	21.045	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.403	264	279104	22.196	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.719	128	41074	6.544	ng/ul	99
32) 4-Chloroaniline	10.713	127	5588	2.058	ng/ul#	30
36) 2-Methylnaphthalene	12.329	142	12445	2.734	ng/ul	99
37) 1-Methylnaphthalene	12.546	142	9132	1.955	ng/ul	96
52) Acenaphthene	14.573	153	29993	5.876	ng/ul	96
55) 4-Nitrophenol	14.732	109	3416	3.482	ng/ul#	13
56) Dibenzofuran	14.908	168	49540	6.788	ng/ul	99
61) Fluorene	15.561	166	46207	7.317	ng/ul	99
72) Phenanthrene	17.306	178	671191	69.469	ng/ul	99
74) Anthracene	17.394	178	152494	15.265	ng/ul	99
77) Carbazole	17.670	167	81655	10.049	ng/ul	97
80) Fluoranthene	19.327	202	906540	64.943	ng/ul	99
82) Pyrene	19.685	202	690450	47.652	ng/ul	98
85) Benzo(a)anthracene	21.501	228	448360	28.673	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	8155	1.107	ng/ul#	98
87) Chrysene	21.565	228	370372	25.723	ng/ul	97
90) Benzo(b)fluoranthene	23.645	252	457488	29.377	ng/ul	100
91) Benzo(k)fluoranthene	23.692	252	159112	10.064	ng/ul	95
93) Benzo(a)pyrene	24.468	252	319958	21.637	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.122	276	169488	9.478	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.152	278	24916	1.690	ng/ul#	97
96) Benzo(g,h,i)perylene	29.215	276	139440	9.801	ng/ul	99

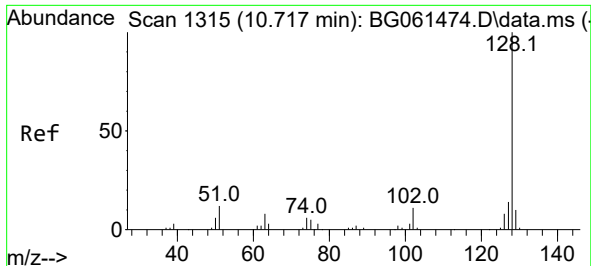
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061493.D
Acq On : 5 Jun 2024 19:18
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

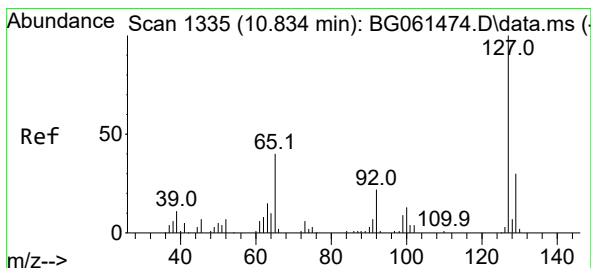
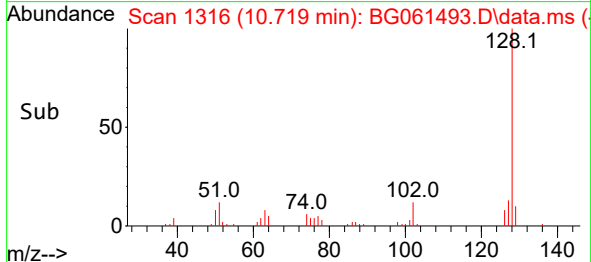
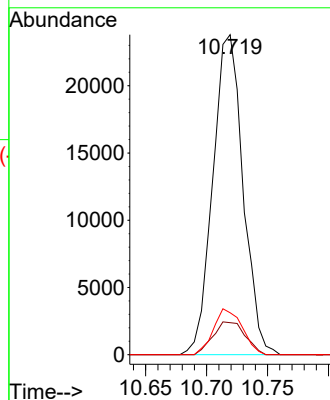
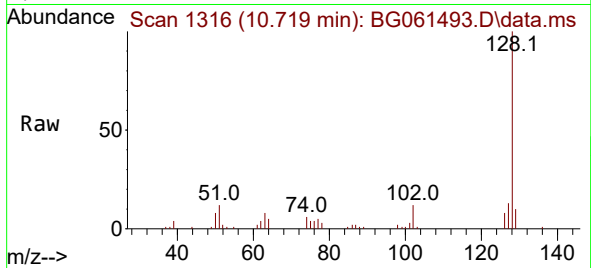
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#30
Naphthalene
Concen: 6.544 ng/ul
RT: 10.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG061493.D
Acq: 5 Jun 2024 19:18

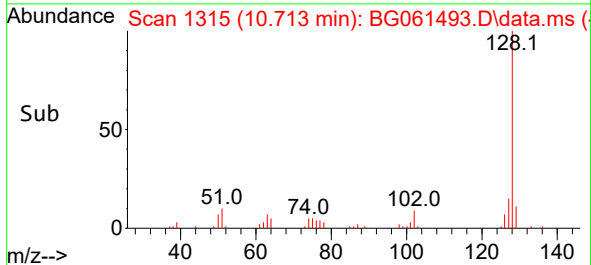
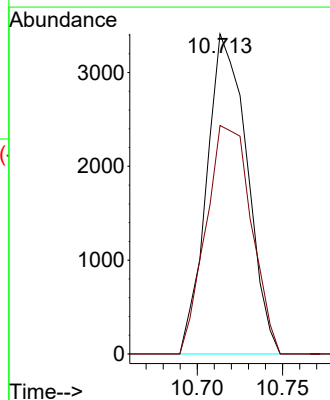
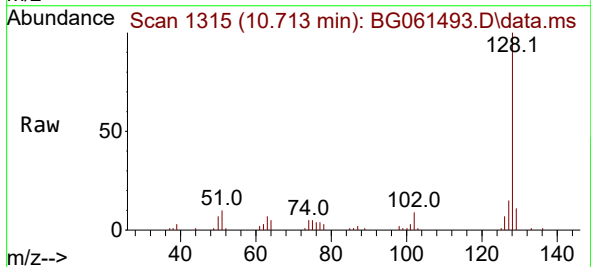
Instrument :
BNA_G
ClientSampleId :
BHBR5

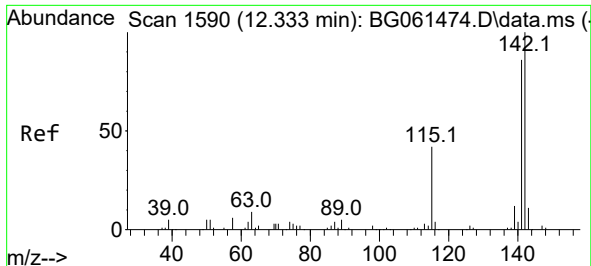
Tgt Ion:128 Resp: 41074
Ion Ratio Lower Upper
128 100
129 10.0 8.6 12.8
127 13.1 10.8 16.2



#32
4-Chloroaniline
Concen: 2.058 ng/ul
RT: 10.713 min Scan# 1315
Delta R.T. -0.111 min
Lab File: BG061493.D
Acq: 5 Jun 2024 19:18

Tgt Ion:127 Resp: 5588
Ion Ratio Lower Upper
127 100
129 71.4 25.9 38.9#





#36

2-Methylnaphthalene

Concen: 2.734 ng/ul

RT: 12.329 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BG061493.D

Acq: 5 Jun 2024 19:18

Instrument :

BNA_G

ClientSampleId :

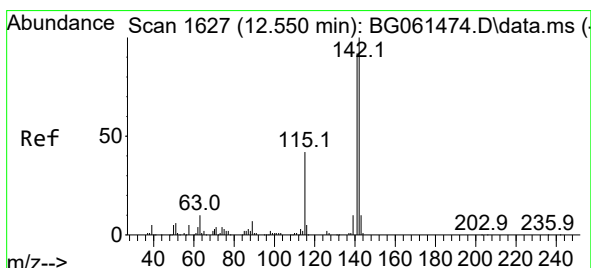
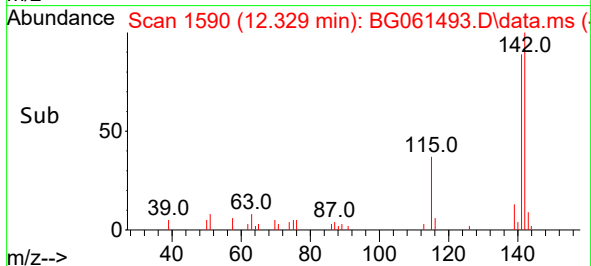
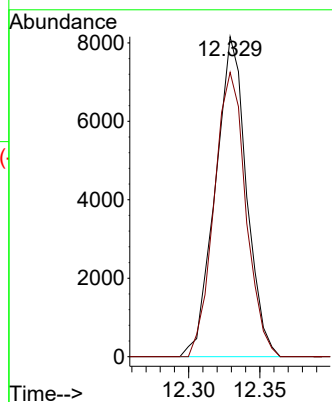
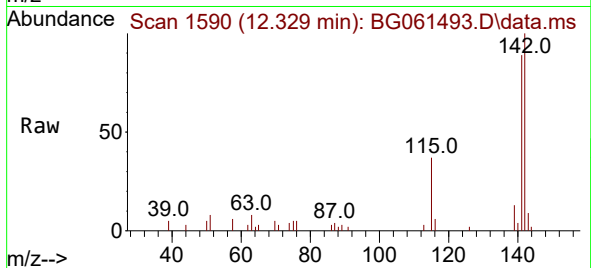
BHBR5

Tgt Ion:142 Resp: 12445

Ion Ratio Lower Upper

142 100

141 88.9 72.2 108.2



#37

1-Methylnaphthalene

Concen: 1.955 ng/ul

RT: 12.546 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BG061493.D

Acq: 5 Jun 2024 19:18

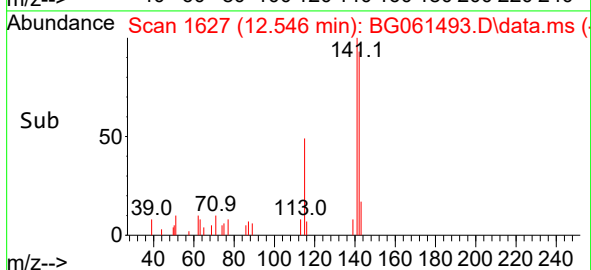
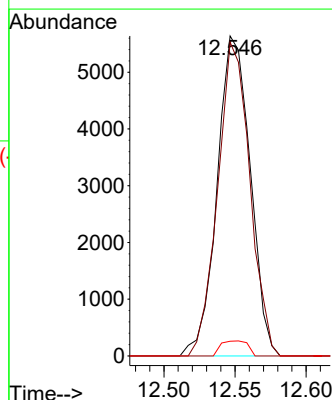
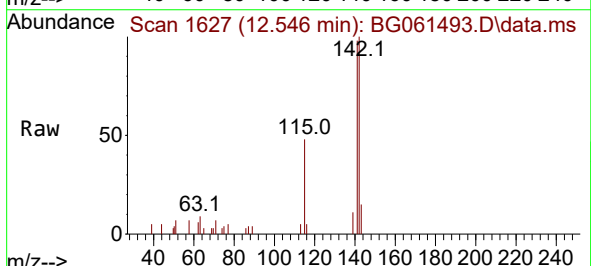
Tgt Ion:142 Resp: 9132

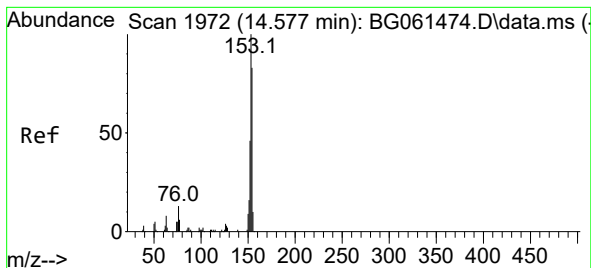
Ion Ratio Lower Upper

142 100

141 98.1 75.5 113.3

116 4.6 4.0 6.0





#52

Acenaphthene

Concen: 5.876 ng/ul

RT: 14.573 min Scan# 1972

Delta R.T. 0.000 min

Lab File: BG061493.D

Acq: 5 Jun 2024 19:18

Instrument :

BNA_G

ClientSampleId :

BHBR5

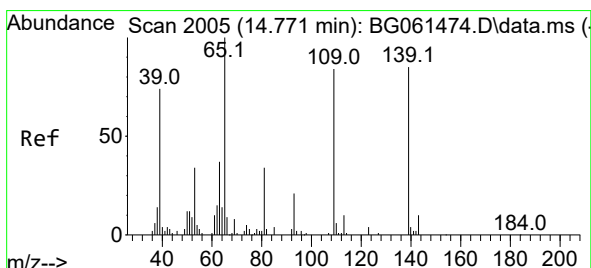
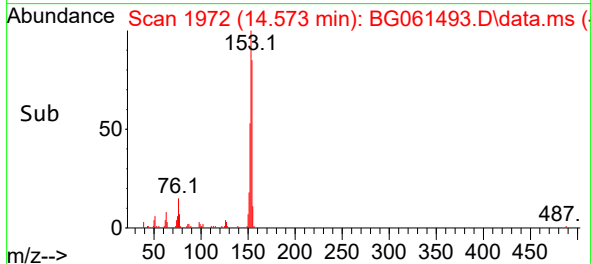
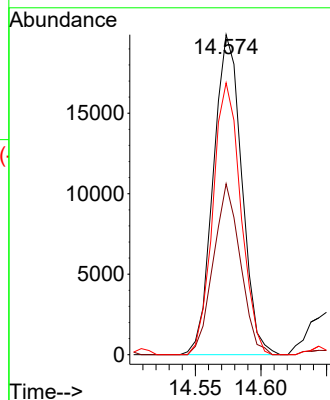
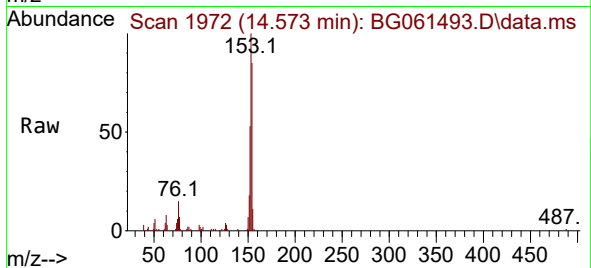
Tgt Ion:153 Resp: 29993

Ion Ratio Lower Upper

153 100

152 53.4 37.8 56.8

154 84.9 69.0 103.6



#55

4-Nitrophenol

Concen: 3.482 ng/ul

RT: 14.732 min Scan# 1999

Delta R.T. -0.023 min

Lab File: BG061493.D

Acq: 5 Jun 2024 19:18

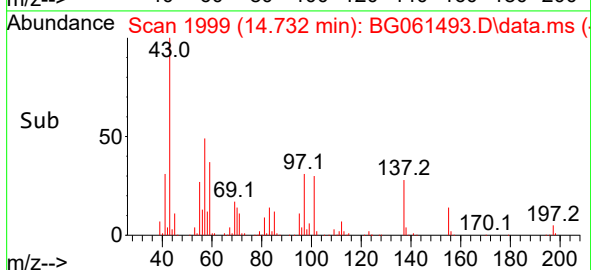
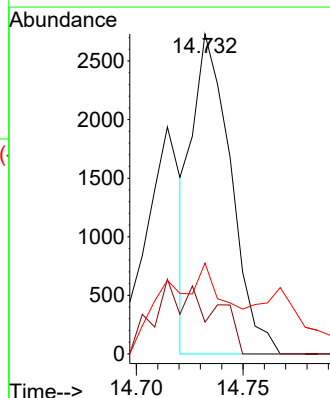
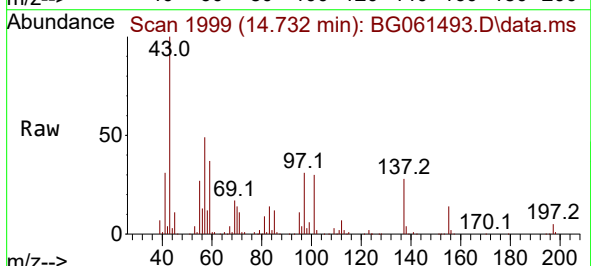
Tgt Ion:109 Resp: 3416

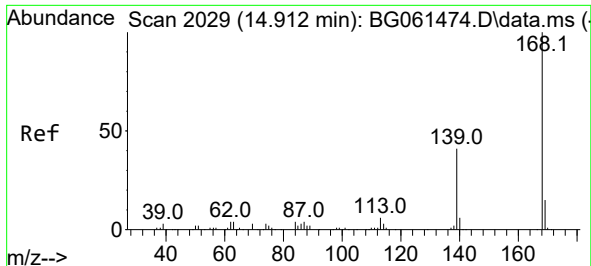
Ion Ratio Lower Upper

109 100

139 10.0 74.9 112.3#

65 28.4 104.0 156.0#

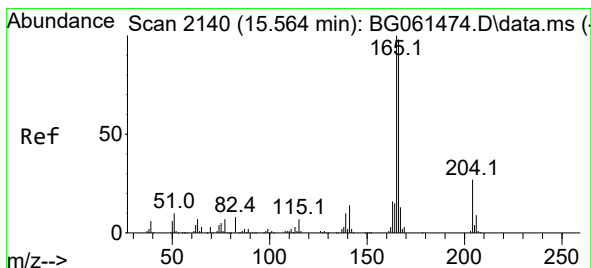
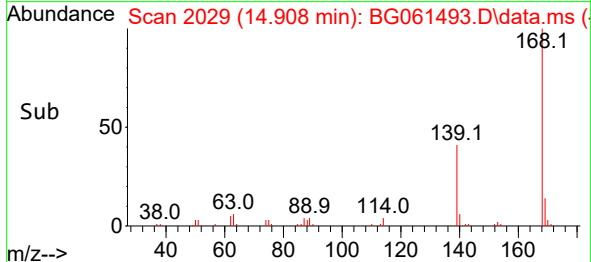
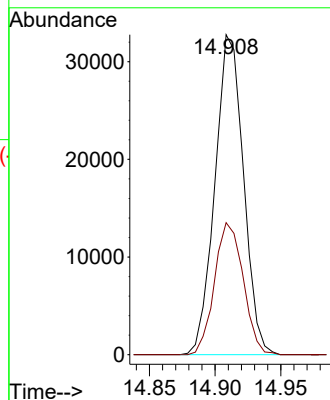
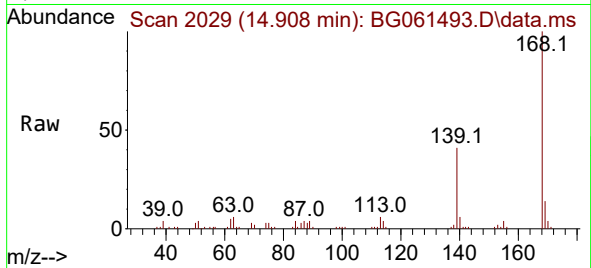




#56
Dibenzenofuran
Concen: 6.788 ng/ul
RT: 14.908 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG061493.D
Acq: 5 Jun 2024 19:18

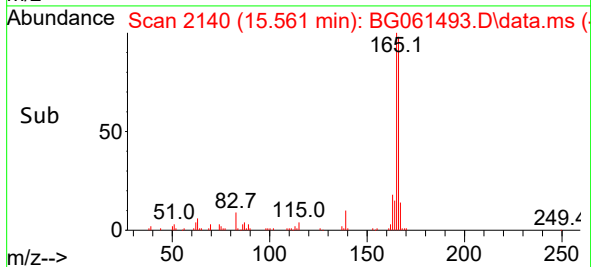
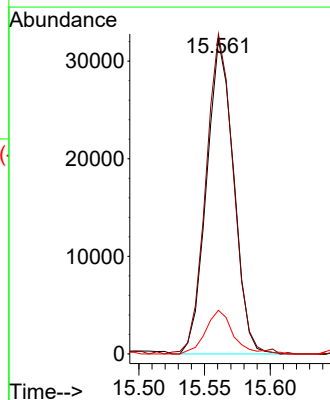
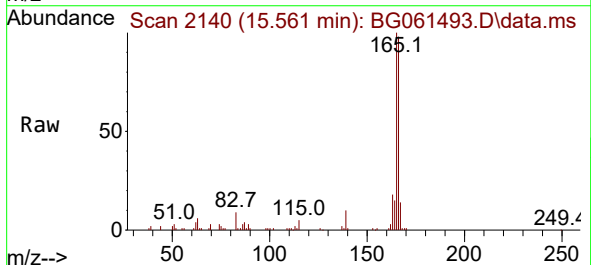
Instrument :
BNA_G
ClientSampleId :
BHBR5

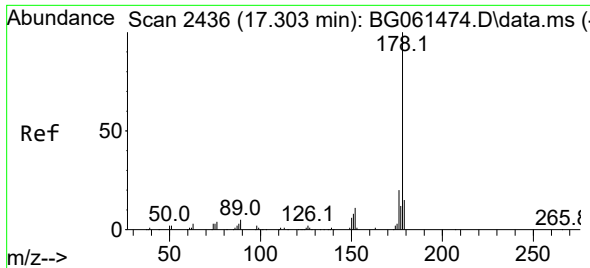
Tgt Ion:168 Resp: 49540
Ion Ratio Lower Upper
168 100
139 41.2 33.4 50.2



#61
Fluorene
Concen: 7.317 ng/ul
RT: 15.561 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG061493.D
Acq: 5 Jun 2024 19:18

Tgt Ion:166 Resp: 46207
Ion Ratio Lower Upper
166 100
165 101.8 81.8 122.8
167 13.9 10.6 16.0

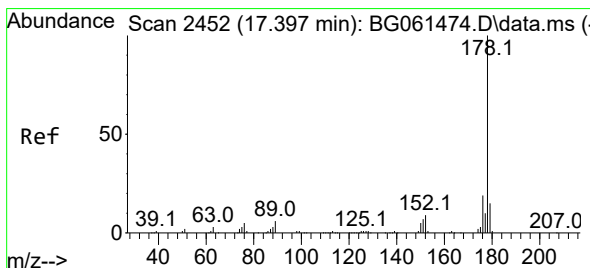
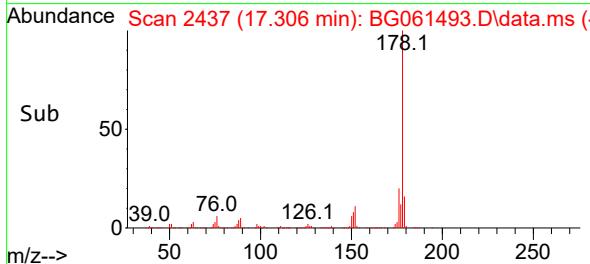
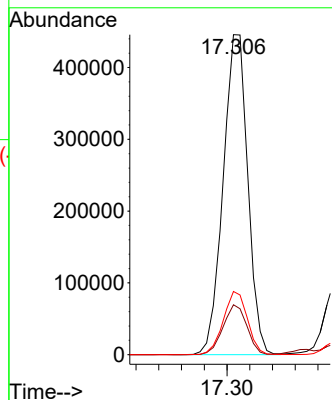
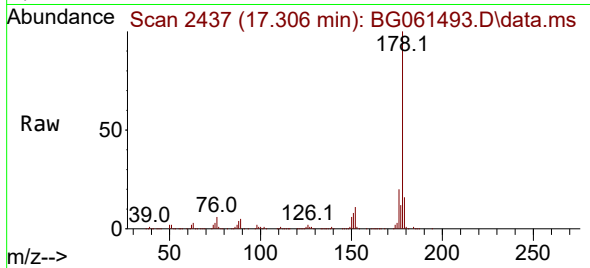




#72
Phenanthrene
Concen: 69.469 ng/ul
RT: 17.306 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BG061493.D
Acq: 5 Jun 2024 19:18

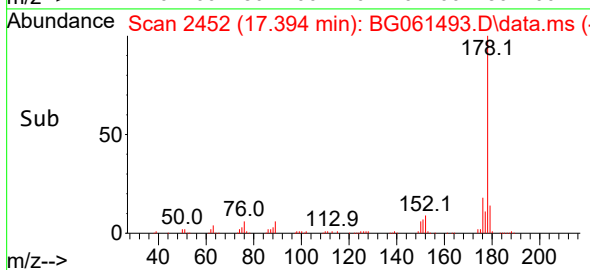
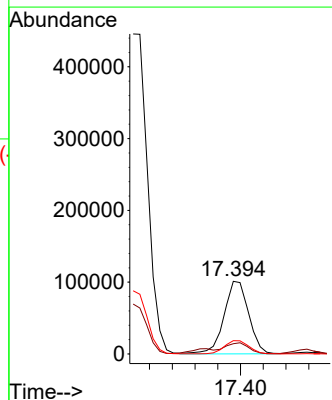
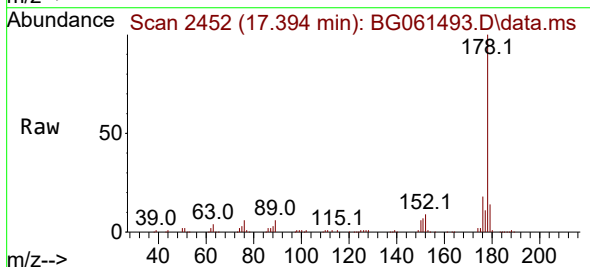
Instrument :
BNA_G
ClientSampleId :
BHBR5

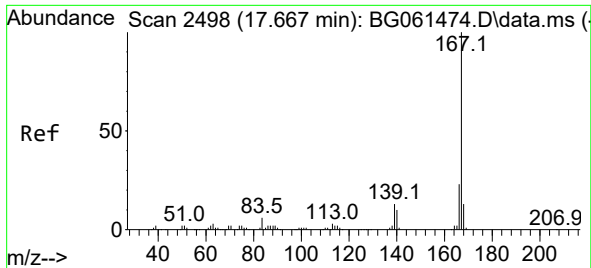
Tgt Ion:178 Resp: 671191
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.8 15.5 23.3



#74
Anthracene
Concen: 15.265 ng/ul
RT: 17.394 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BG061493.D
Acq: 5 Jun 2024 19:18

Tgt Ion:178 Resp: 152494
Ion Ratio Lower Upper
178 100
179 14.1 11.8 17.6
176 18.3 14.9 22.3

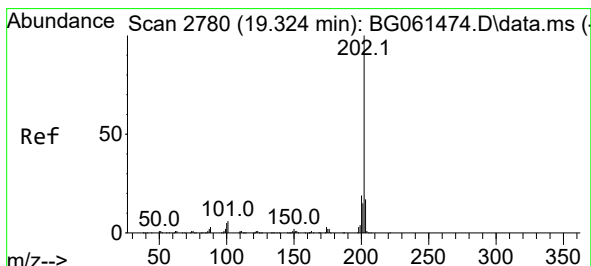
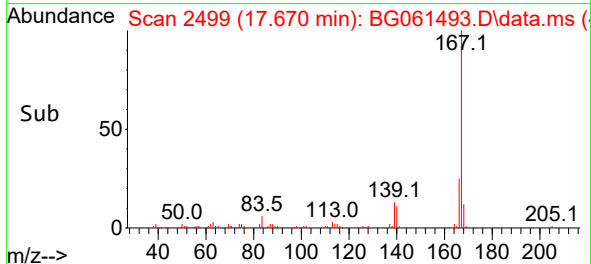
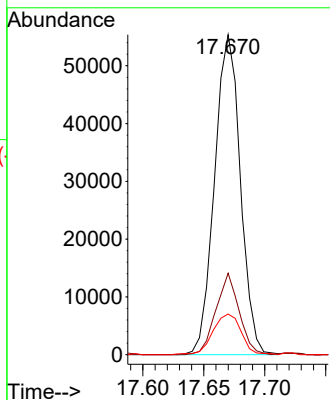
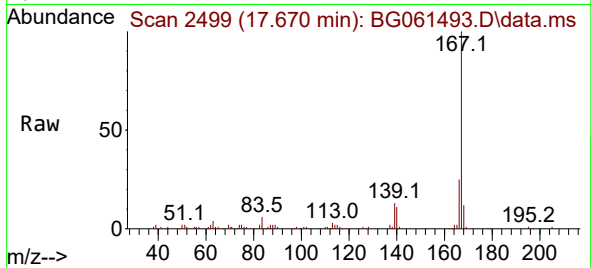




#77
Carbazole
Concen: 10.049 ng/ul
RT: 17.670 min Scan# 2499
Delta R.T. 0.006 min
Lab File: BG061493.D
Acq: 5 Jun 2024 19:18

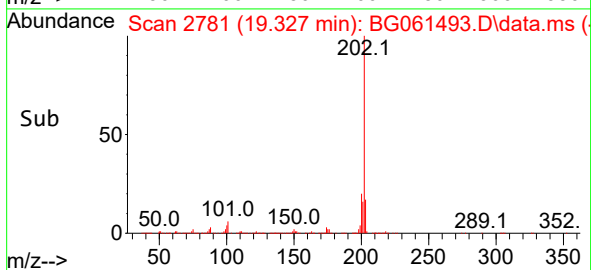
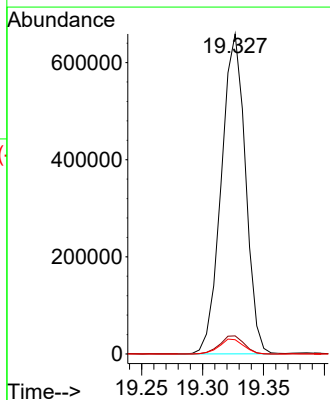
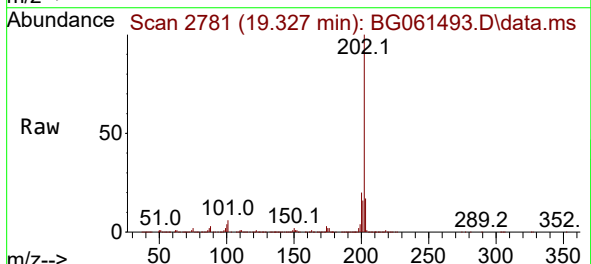
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ClientSampleId :
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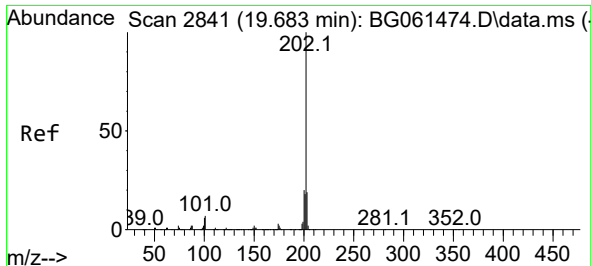
Tgt Ion	Resp	Ion Ratio	Lower	Upper
167	81655	100		
166		25.4	18.6	28.0
139		12.7	10.6	15.8



#80
Fluoranthene
Concen: 64.943 ng/ul
RT: 19.327 min Scan# 2781
Delta R.T. 0.012 min
Lab File: BG061493.D
Acq: 5 Jun 2024 19:18

Tgt Ion	Resp	Ion Ratio	Lower	Upper
202	906540	100		
101		5.6	4.8	7.2
100		4.5	4.1	6.1

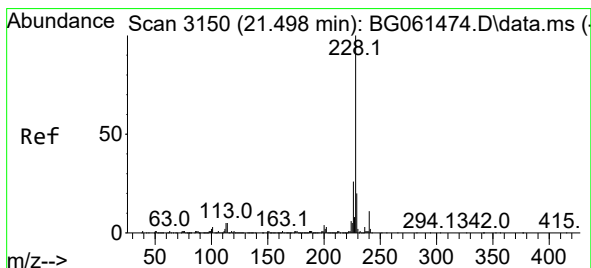
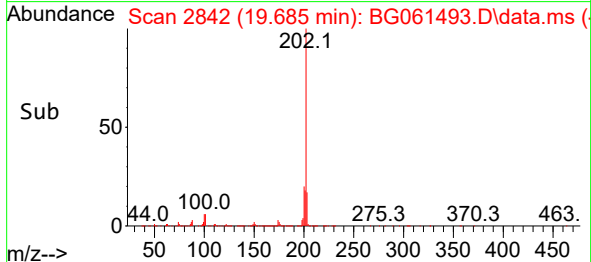
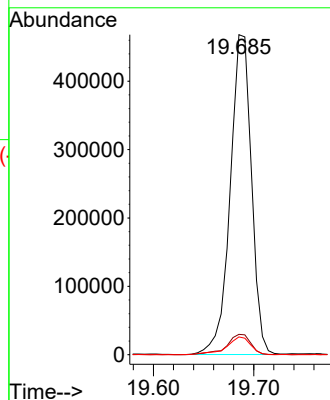
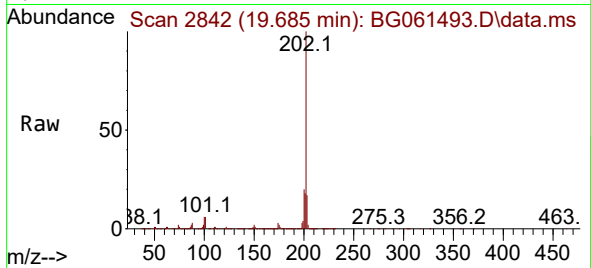




#82
 Pyrene
 Concen: 47.652 ng/ul
 RT: 19.685 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG061493.D
 Acq: 5 Jun 2024 19:18

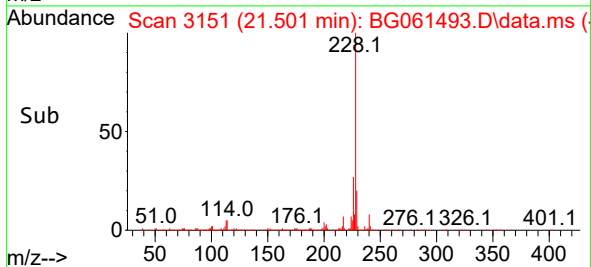
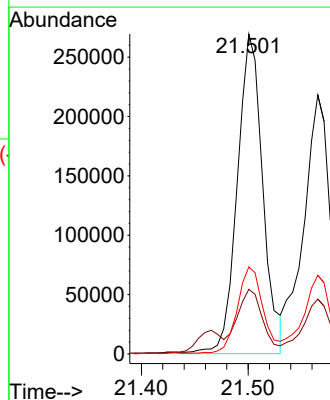
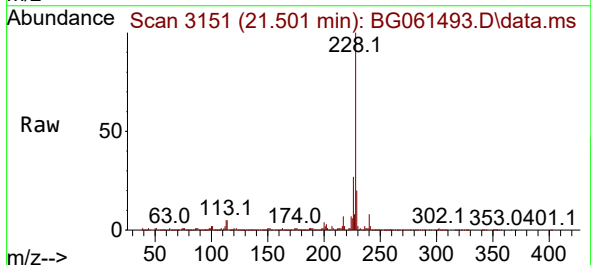
Instrument :
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 ClientSampleId :
 BHBR5

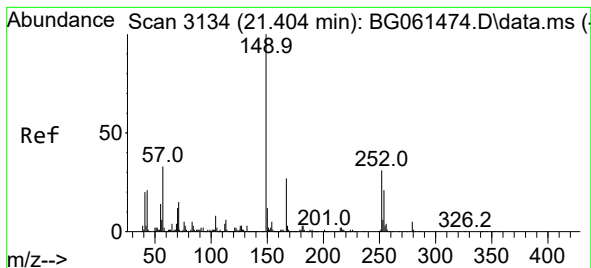
Tgt Ion:202 Resp: 690450
 Ion Ratio Lower Upper
 202 100
 101 6.4 5.7 8.5
 100 5.5 5.1 7.7



#85
 Benzo(a)anthracene
 Concen: 28.673 ng/ul
 RT: 21.501 min Scan# 3151
 Delta R.T. 0.006 min
 Lab File: BG061493.D
 Acq: 5 Jun 2024 19:18

Tgt Ion:228 Resp: 448360
 Ion Ratio Lower Upper
 228 100
 229 20.2 15.2 22.8
 226 27.2 21.4 32.2

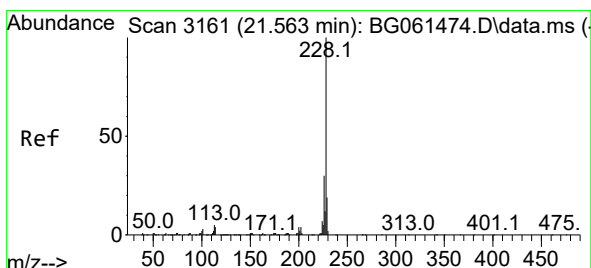
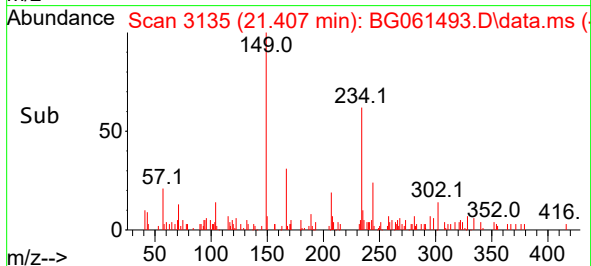
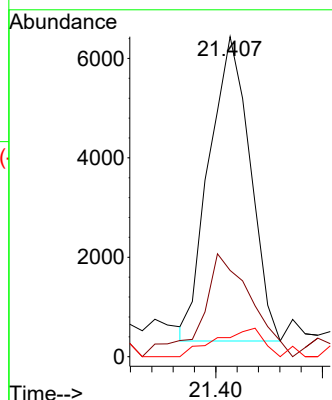
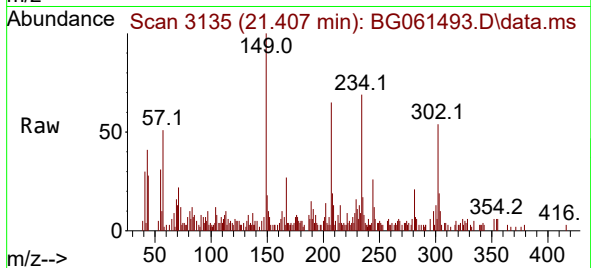




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.107 ng/ul
 RT: 21.407 min Scan# 3134
 Delta R.T. 0.000 min
 Lab File: BG061493.D
 Acq: 5 Jun 2024 19:18

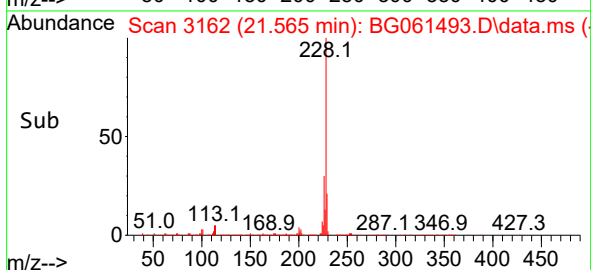
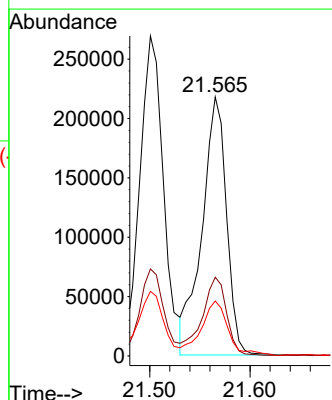
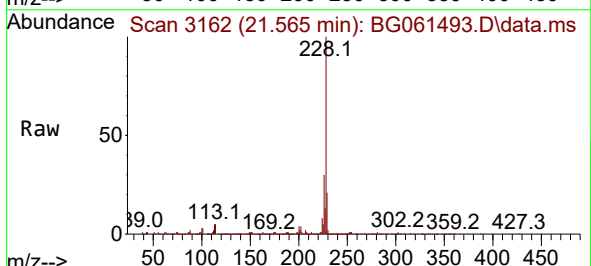
Instrument :
 BNA_G
 ClientSampleId :
 BHBR5

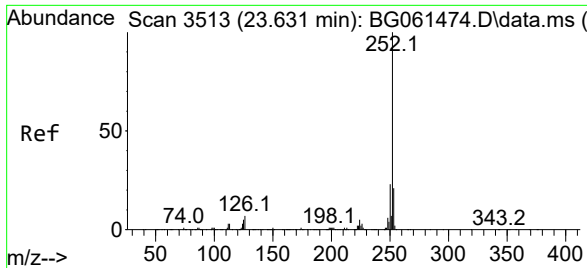
Tgt Ion:149 Resp: 8155
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.1 31.7
 279 5.9 3.3 4.9#



#87
 Chrysene
 Concen: 25.723 ng/ul
 RT: 21.565 min Scan# 3162
 Delta R.T. 0.012 min
 Lab File: BG061493.D
 Acq: 5 Jun 2024 19:18

Tgt Ion:228 Resp: 370372
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.4 35.0
 229 21.2 15.4 23.2

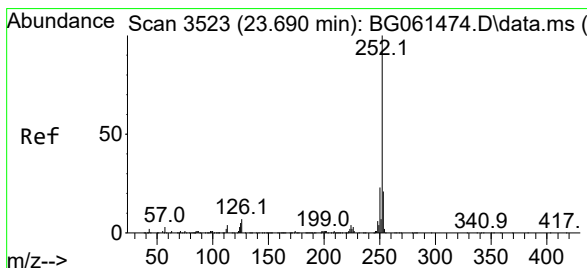
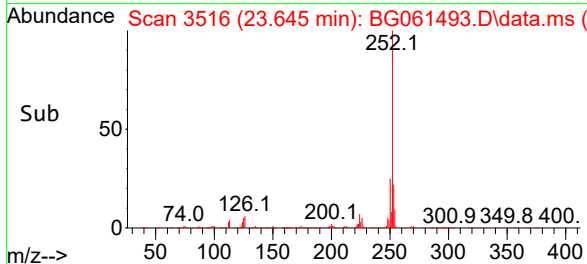
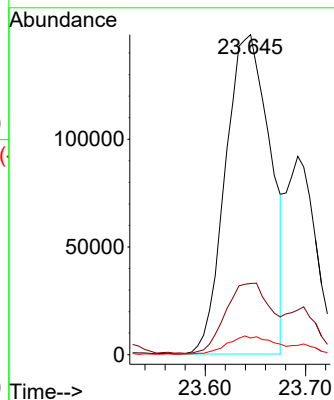
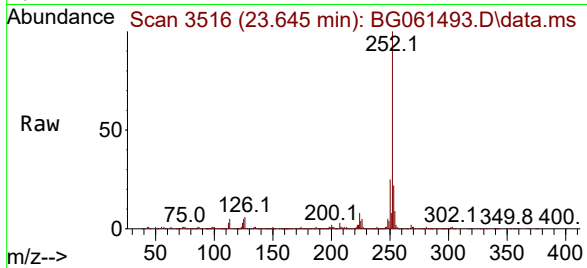




#90
Benzo(b)fluoranthene
Concen: 29.377 ng/ul
RT: 23.645 min Scan# 3516
Delta R.T. 0.030 min
Lab File: BG061493.D
Acq: 5 Jun 2024 19:18

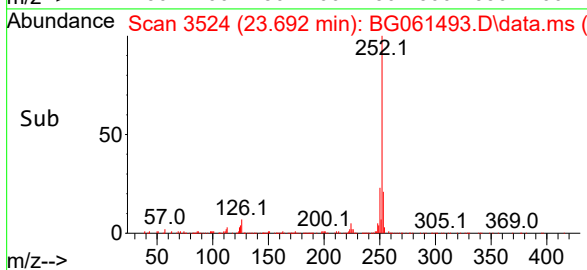
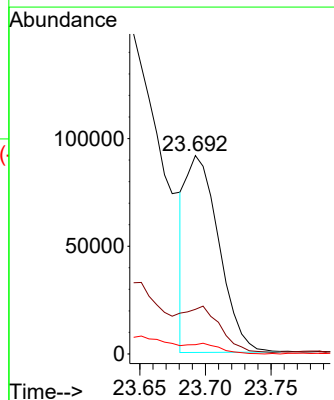
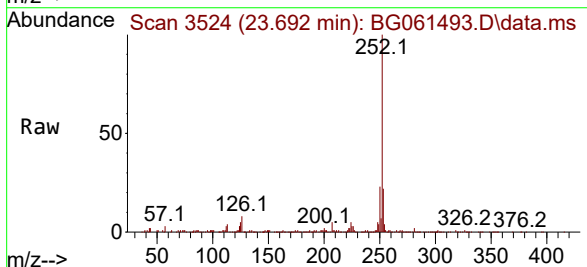
Instrument :
BNA_G
ClientSampleId :
BHBR5

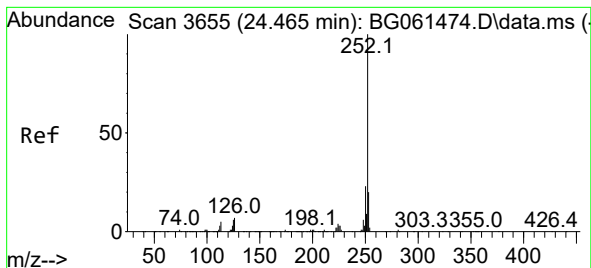
Tgt Ion:252 Resp: 457488
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 5.2 4.6 6.8



#91
Benzo(k)fluoranthene
Concen: 10.064 ng/ul
RT: 23.692 min Scan# 3524
Delta R.T. 0.012 min
Lab File: BG061493.D
Acq: 5 Jun 2024 19:18

Tgt Ion:252 Resp: 159112
Ion Ratio Lower Upper
252 100
253 22.5 16.0 24.0
125 4.7 4.3 6.5





#93

Benzo(a)pyrene

Concen: 21.637 ng/ul

RT: 24.468 min Scan# 3

Delta R.T. 0.018 min

Lab File: BG061493.D

Acq: 5 Jun 2024 19:18

Instrument :

BNA_G

ClientSampleId :

BHBR5

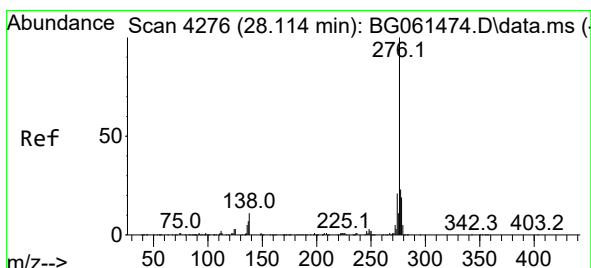
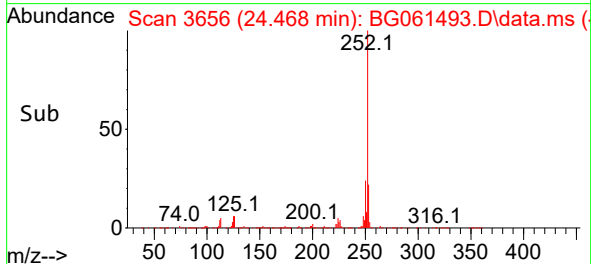
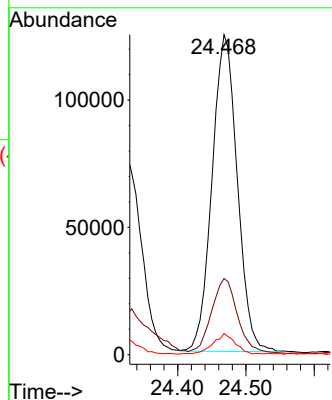
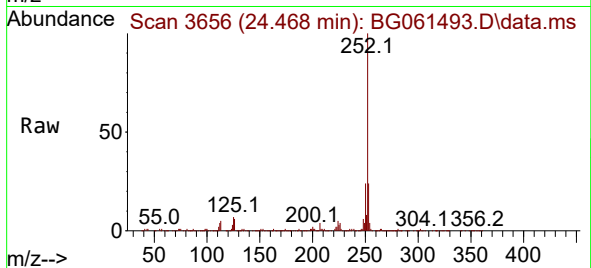
Tgt Ion:252 Resp: 319958

Ion Ratio Lower Upper

252 100

253 23.8 16.4 24.6

125 6.6 4.3 6.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.478 ng/ul

RT: 28.122 min Scan# 4278

Delta R.T. 0.030 min

Lab File: BG061493.D

Acq: 5 Jun 2024 19:18

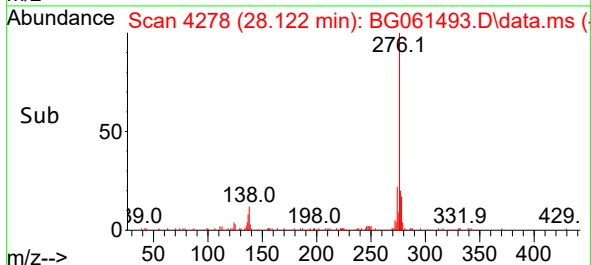
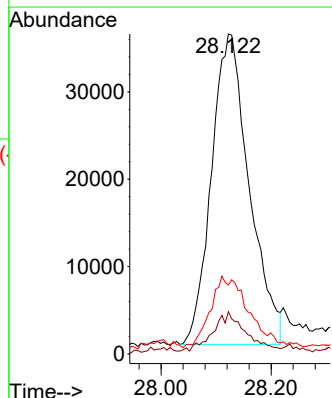
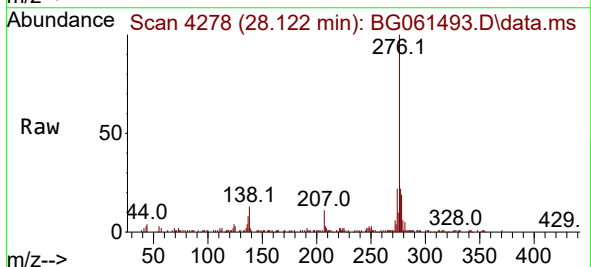
Tgt Ion:276 Resp: 169488

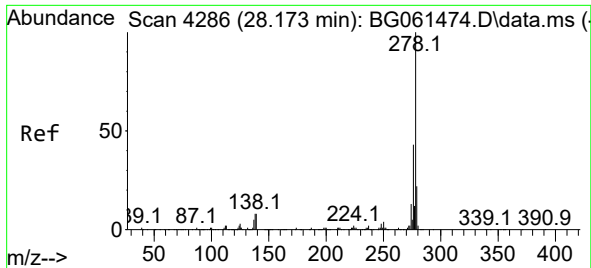
Ion Ratio Lower Upper

276 100

138 13.2 8.6 13.0#

277 21.6 19.7 29.5

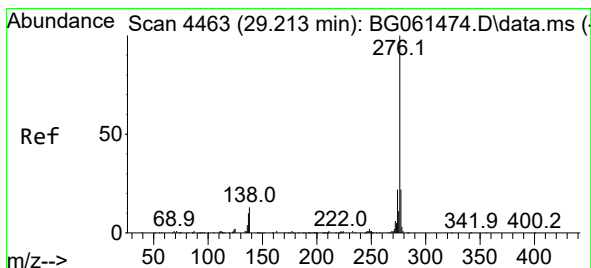
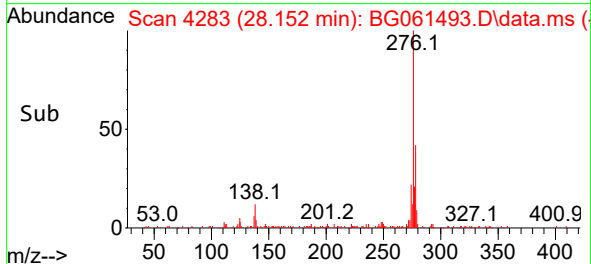
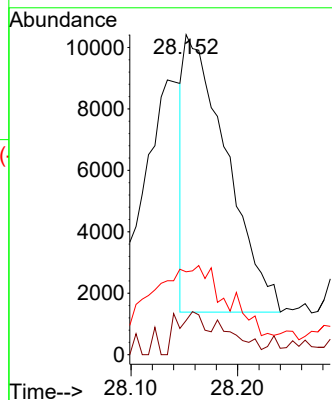
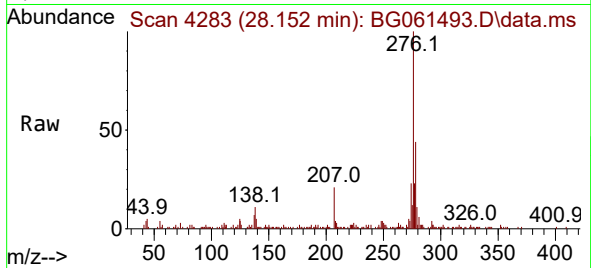




#95
 Dibenzo(a,h)anthracene
 Concen: 1.690 ng/ul
 RT: 28.152 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BG061493.D
 Acq: 5 Jun 2024 19:18

Instrument :
 BNA_G
 ClientSampleId :
 BHBR5

Tgt Ion:278 Resp: 24916
 Ion Ratio Lower Upper
 278 100
 139 10.7 6.4 9.6#
 279 25.9 19.9 29.9



#96
 Benzo(g,h,i)perylene
 Concen: 9.801 ng/ul
 RT: 29.215 min Scan# 4464
 Delta R.T. 0.041 min
 Lab File: BG061493.D
 Acq: 5 Jun 2024 19:18

Tgt Ion:276 Resp: 139440
 Ion Ratio Lower Upper
 276 100
 138 10.7 8.7 13.1
 277 21.9 18.2 27.2

