

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061496.D
 Acq On : 5 Jun 2024 21:22
 Operator : MA/JU
 Sample : P2623-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR7

Quant Time: Jun 05 22:54:14 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	7.876	152	28255	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	109584	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.509	164	82530	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	186371	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.525	240	207328	20.000	ng/ul	# 0.01
88) Perylene-d12	24.615	264	233460	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	1408	2.789	ng/uL	0.00
4) Pyridine-d5	3.740	84	12222	6.804	ng/ul	0.00
7) Phenol-d5	7.065	99	50078	21.582	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	31793	21.800	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	41081	23.923	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	36355	18.375	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	20708	24.544	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	23970	24.275	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	47228	24.534	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	24264	9.634	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	147914	23.108	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	162856	24.473	ng/ul	0.00
54) 4-Nitrophenol-d4	14.768	143	14430	18.235	ng/ul	0.03
60) Fluorene-d10	15.508	176	132916	24.052	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	16696	14.812	ng/ul	0.01
73) Anthracene-d10	17.359	188	222337	27.060	ng/ul	0.00
81) Pyrene-d10	19.656	212	251546	23.630	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.404	264	222298	19.806	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.720	128	6574	1.137	ng/ul	95
52) Acenaphthene	14.574	153	10992	2.271	ng/ul	92
55) 4-Nitrophenol	14.727	109	4868	5.232	ng/ul#	13
56) Dibenzofuran	14.909	168	13001	1.878	ng/ul	98
61) Fluorene	15.561	166	15129	2.526	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.561	198	1311	1.110	ng/ul#	94
72) Phenanthrene	17.306	178	334559	36.986	ng/ul	99
74) Anthracene	17.394	178	65468	7.000	ng/ul	98
77) Carbazole	17.670	167	33648	4.423	ng/ul	100
78) Di-n-butylphthalate	18.223	149	11171	1.172	ng/ul#	95
80) Fluoranthene	19.327	202	645931	50.580	ng/ul	98
82) Pyrene	19.686	202	448114	33.805	ng/ul	98
83) Butylbenzylphthalate	20.573	149	4754	1.044	ng/ul	98
85) Benzo(a)anthracene	21.501	228	346349	24.211	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	48863	7.249	ng/ul#	96
87) Chrysene	21.566	228	312460	23.721	ng/ul	97
90) Benzo(b)fluoranthene	23.640	252	409071	29.429	ng/ul	99
91) Benzo(k)fluoranthene	23.640	252	409071	28.990	ng/ul	97
93) Benzo(a)pyrene	24.468	252	163750	12.406	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.123	276	102075	6.395	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.152	278	37286	2.833	ng/ul	92

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

Instrument :

BNA_G

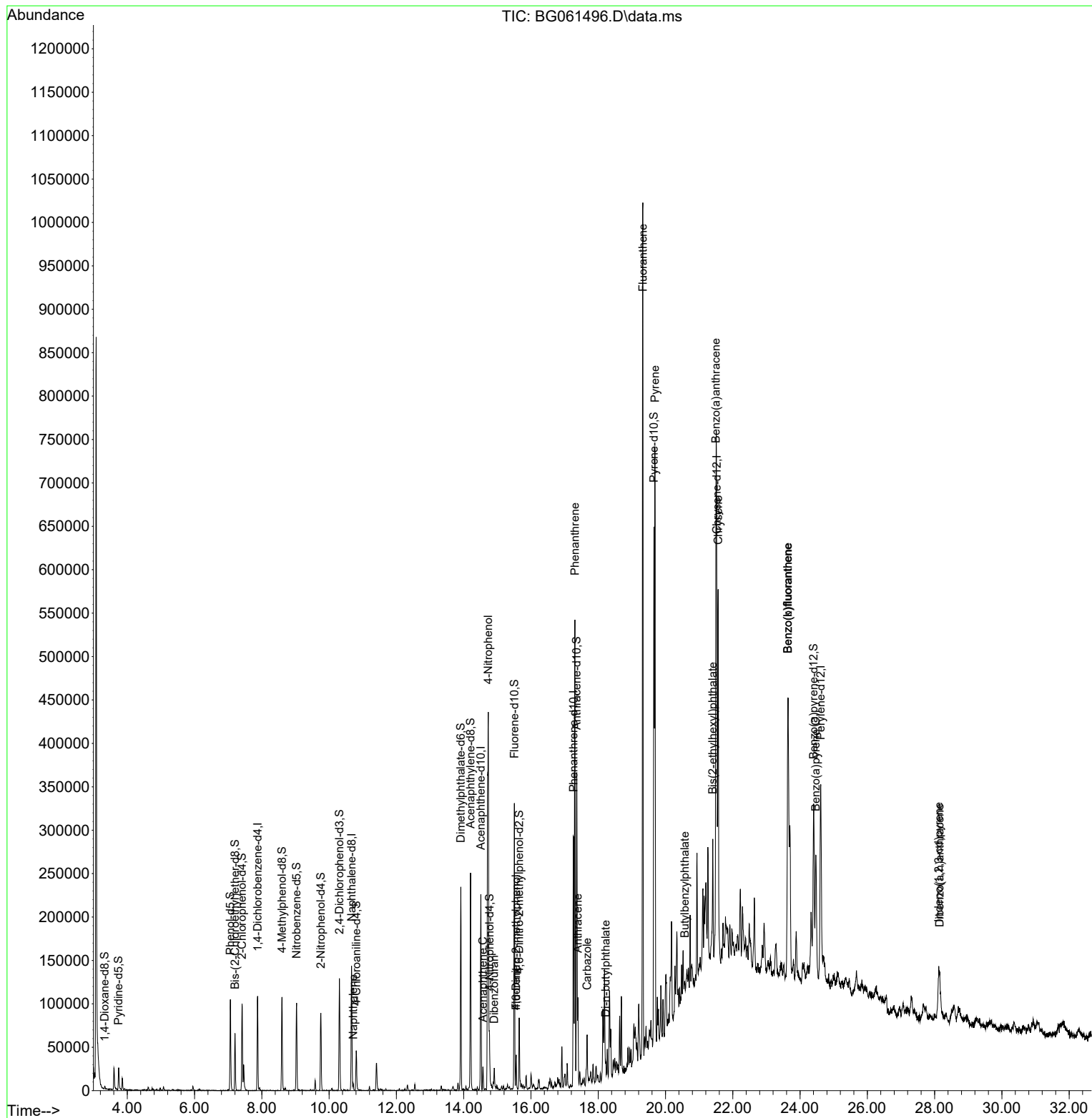
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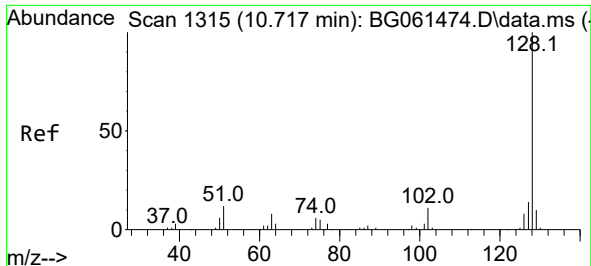
BHBR7

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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

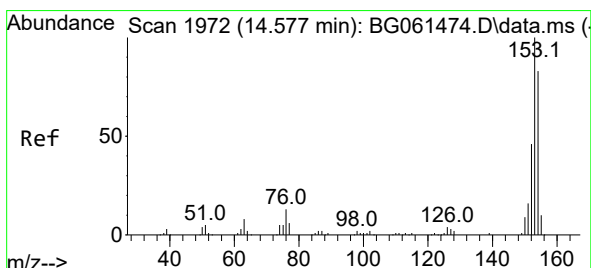
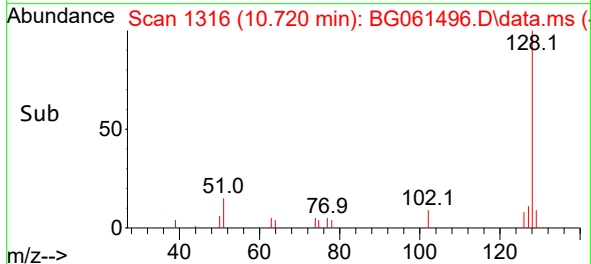
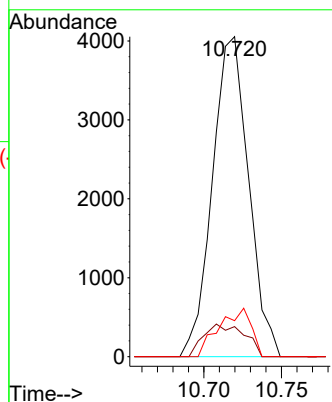
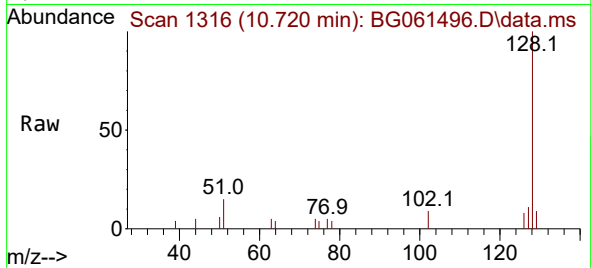




#30
Naphthalene
Concen: 1.137 ng/ul
RT: 10.720 min Scan# 1315
Delta R.T. 0.001 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

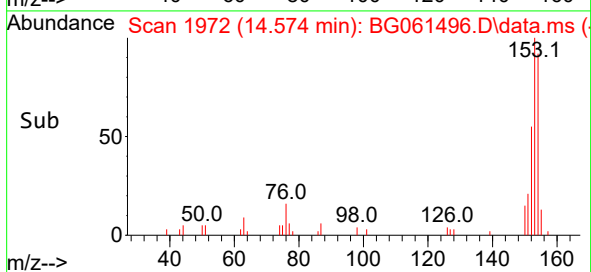
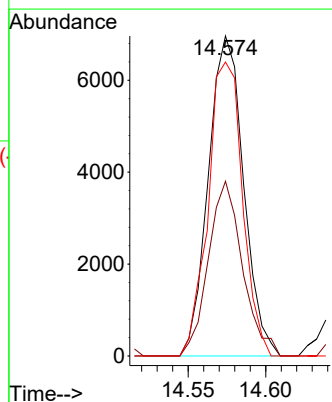
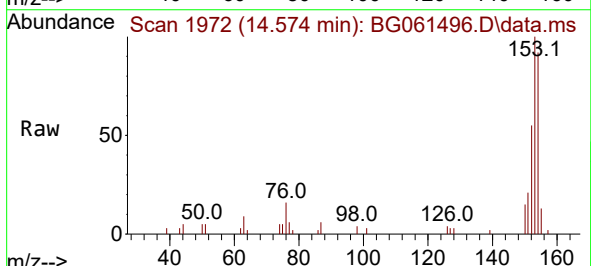
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BNA_G
ClientSampleId :
BHBR7

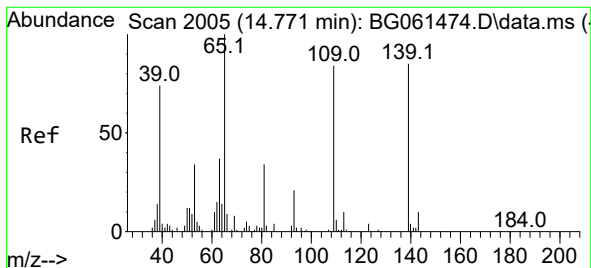
Tgt Ion:128 Resp: 6574
Ion Ratio Lower Upper
128 100
129 9.4 8.6 12.8
127 11.2 10.8 16.2



#52
Acenaphthene
Concen: 2.271 ng/ul
RT: 14.574 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

Tgt Ion:153 Resp: 10992
Ion Ratio Lower Upper
153 100
152 54.6 37.8 56.8
154 91.8 69.0 103.6

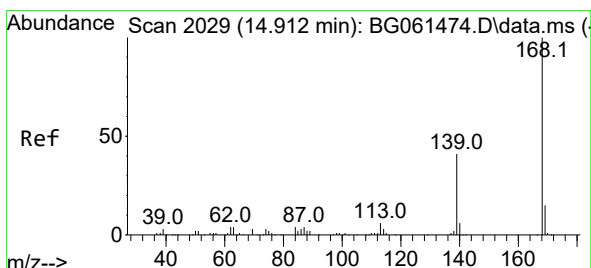
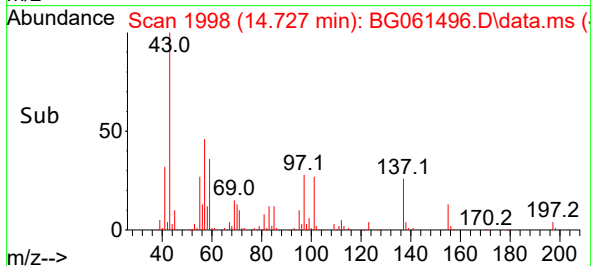
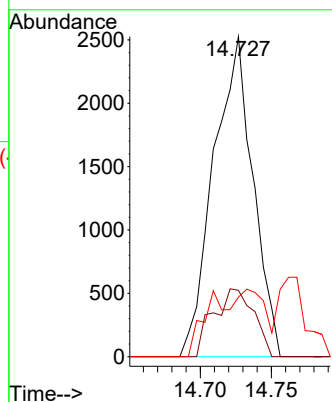
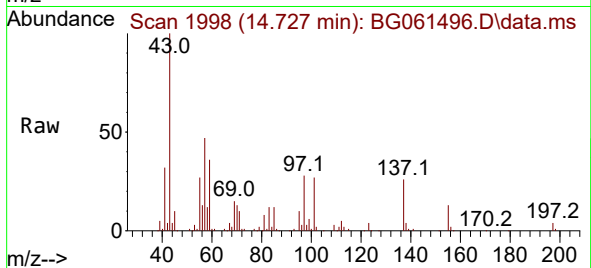




#55
4-Nitrophenol
Concen: 5.232 ng/ul
RT: 14.727 min Scan# 1998
Delta R.T. -0.028 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

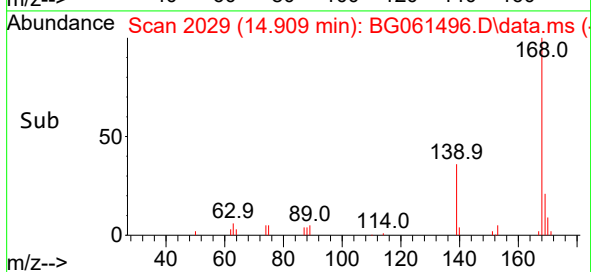
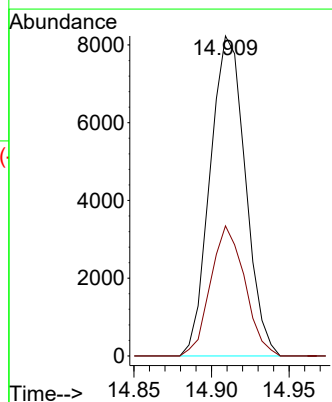
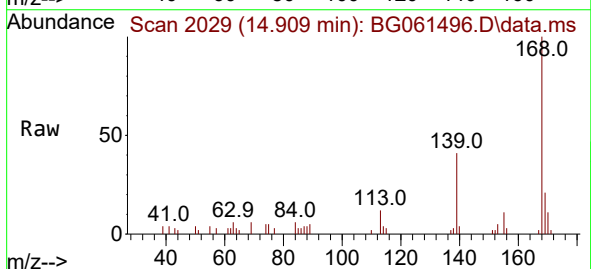
Instrument :
BNA_G
ClientSampleId :
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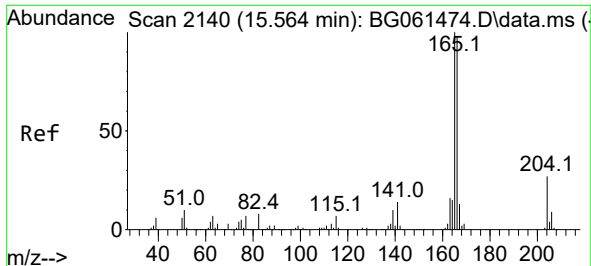
Tgt Ion:109 Resp: 4868
Ion Ratio Lower Upper
109 100
139 20.8 74.9 112.3#
65 18.6 104.0 156.0#



#56
Dibenzofuran
Concen: 1.878 ng/ul
RT: 14.909 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

Tgt Ion:168 Resp: 13001
Ion Ratio Lower Upper
168 100
139 40.7 33.4 50.2

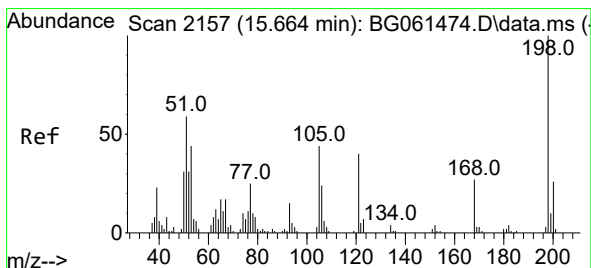
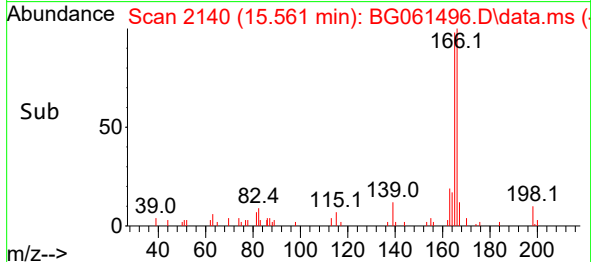
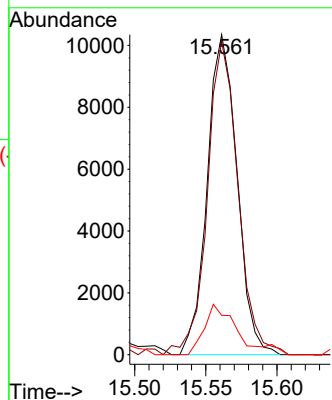
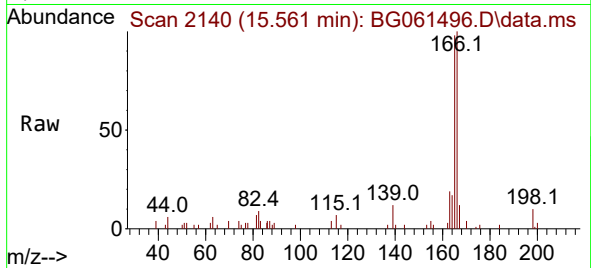




#61
Fluorene
Concen: 2.526 ng/ul
RT: 15.561 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

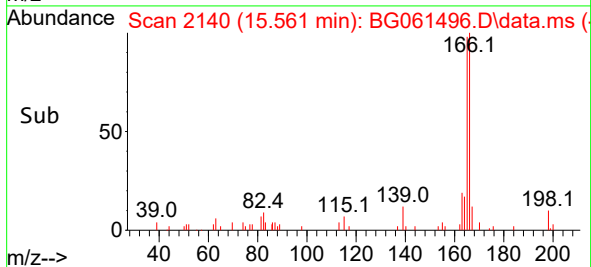
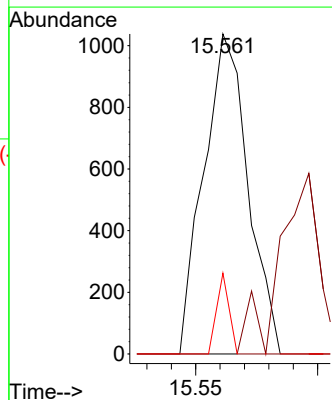
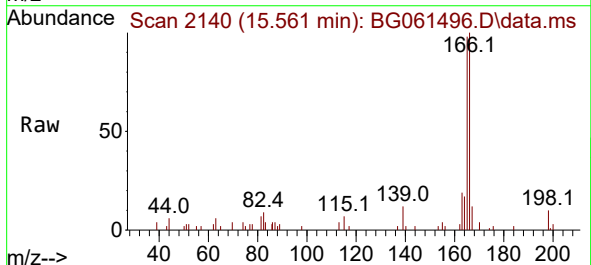
Instrument :
BNA_G
ClientSampleId :
BHBR7

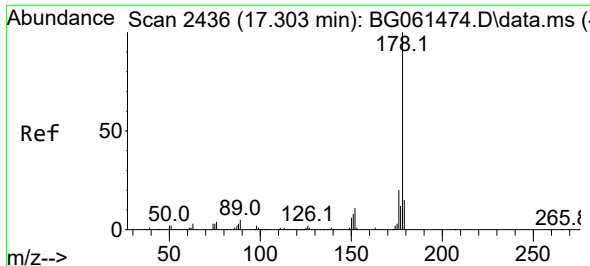
Tgt Ion:166 Resp: 15129
Ion Ratio Lower Upper
166 100
165 97.9 81.8 122.8
167 12.3 10.6 16.0



#66
4,6-Dinitro-2-methylphenol
Concen: 1.110 ng/ul
RT: 15.561 min Scan# 2140
Delta R.T. -0.093 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

Tgt Ion:198 Resp: 1311
Ion Ratio Lower Upper
198 100
182 0.0 2.9 4.3#
77 25.2 22.3 33.5

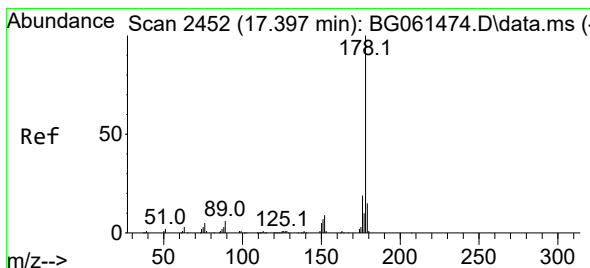
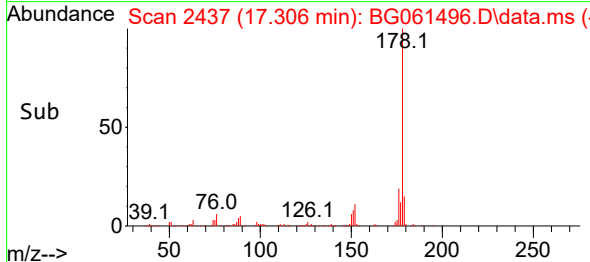
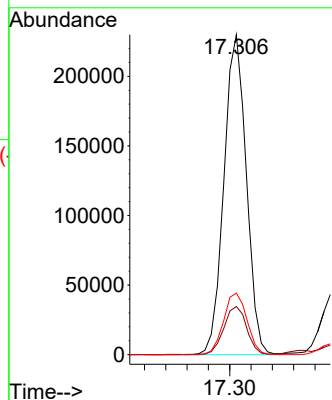
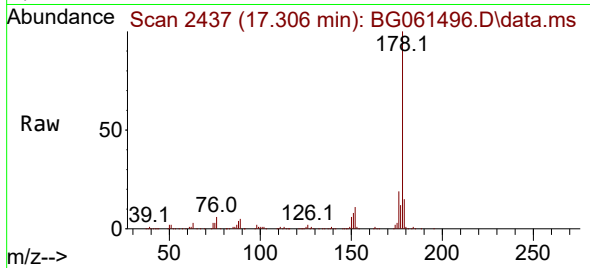




#72
Phenanthrene
Concen: 36.986 ng/ul
RT: 17.306 min Scan# 2436
Delta R.T. 0.007 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

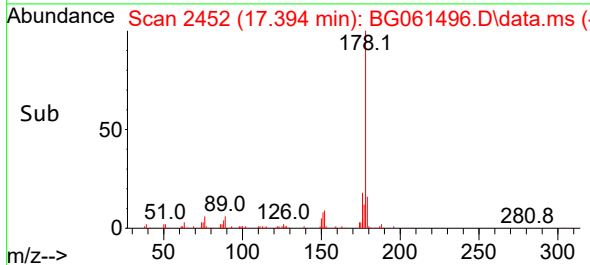
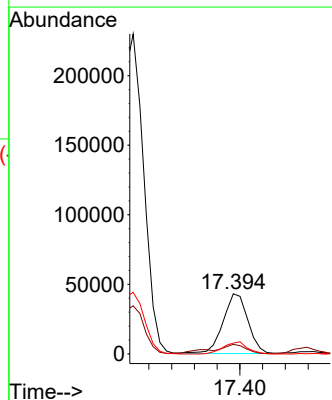
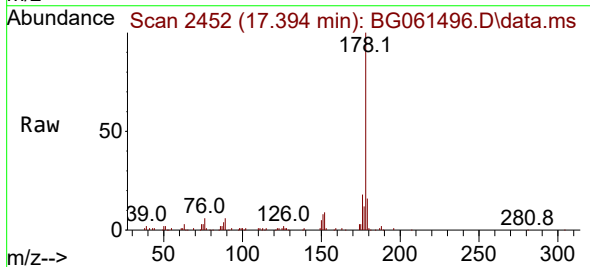
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ClientSampleId :
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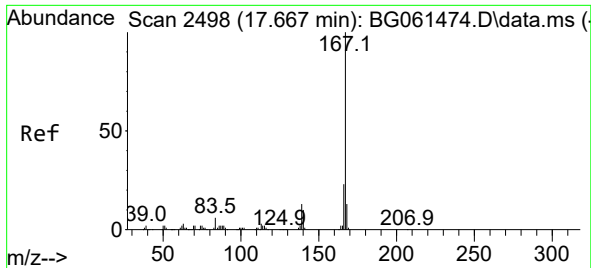
Tgt Ion:178 Resp: 334559
Ion Ratio Lower Upper
178 100
179 15.0 12.7 19.1
176 19.2 15.5 23.3



#74
Anthracene
Concen: 7.000 ng/ul
RT: 17.394 min Scan# 2452
Delta R.T. 0.001 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

Tgt Ion:178 Resp: 65468
Ion Ratio Lower Upper
178 100
179 16.0 11.8 17.6
176 18.0 14.9 22.3

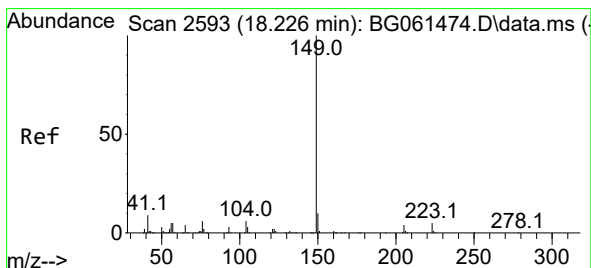
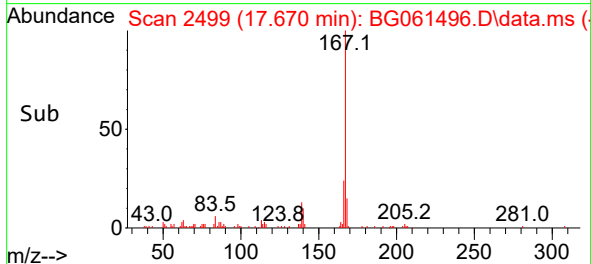
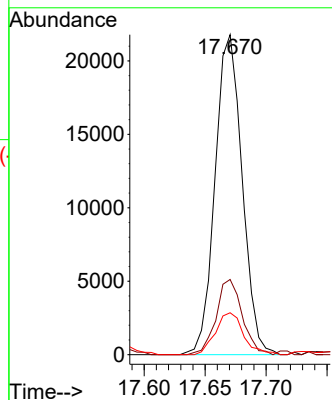
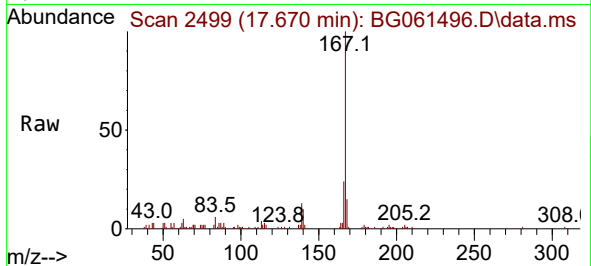




#77
 Carbazole
 Concen: 4.423 ng/ul
 RT: 17.670 min Scan# 2498
 Delta R.T. 0.007 min
 Lab File: BG061496.D
 Acq: 5 Jun 2024 21:22

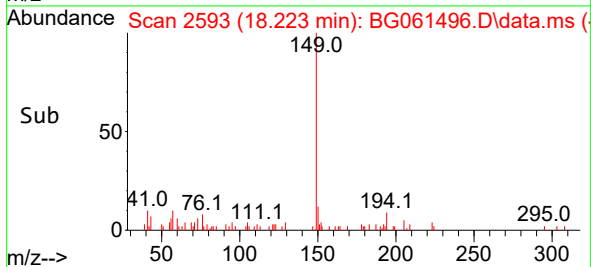
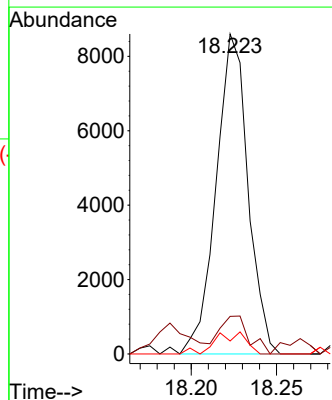
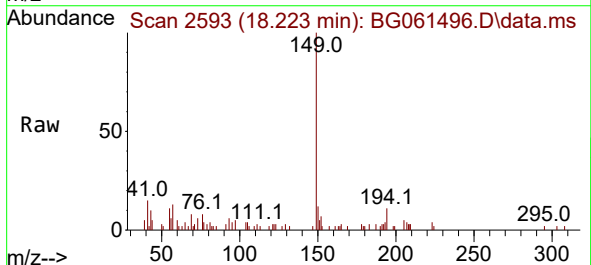
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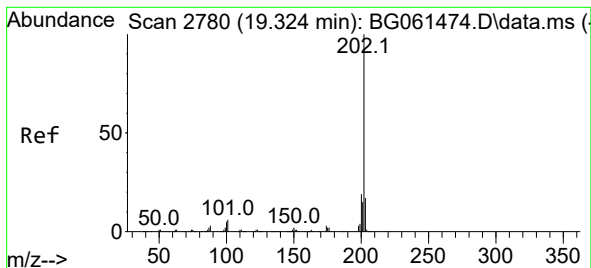
Tgt Ion:167 Resp: 33648
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.6 28.0
 139 13.1 10.6 15.8



#78
 Di-n-butylphthalate
 Concen: 1.172 ng/ul
 RT: 18.223 min Scan# 2593
 Delta R.T. 0.001 min
 Lab File: BG061496.D
 Acq: 5 Jun 2024 21:22

Tgt Ion:149 Resp: 11171
 Ion Ratio Lower Upper
 149 100
 150 11.7 7.8 11.8
 104 4.0 4.8 7.2#





#80

Fluoranthene

Concen: 50.580 ng/ul

RT: 19.327 min Scan# 21

Delta R.T. 0.013 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

Instrument :

BNA_G

ClientSampleId :

BHBR7

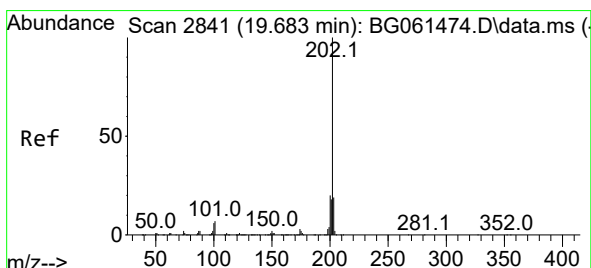
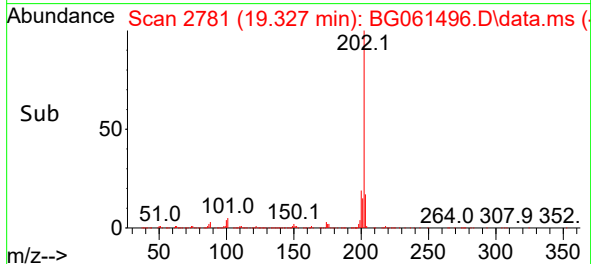
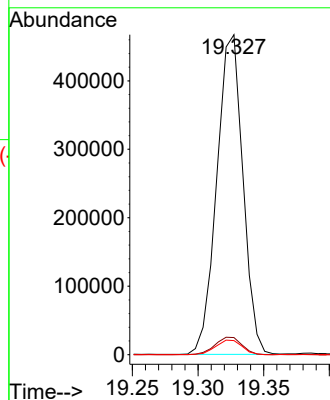
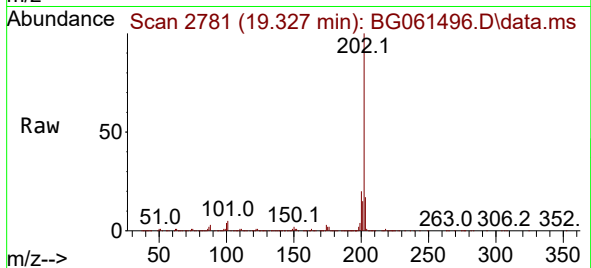
Tgt Ion:202 Resp: 645931

Ion Ratio Lower Upper

202 100

101 5.4 4.8 7.2

100 4.4 4.1 6.1



#82

Pyrene

Concen: 33.805 ng/ul

RT: 19.686 min Scan# 2842

Delta R.T. 0.007 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

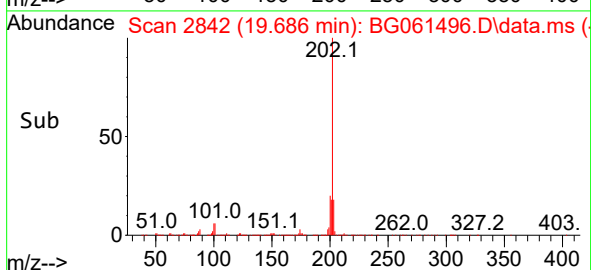
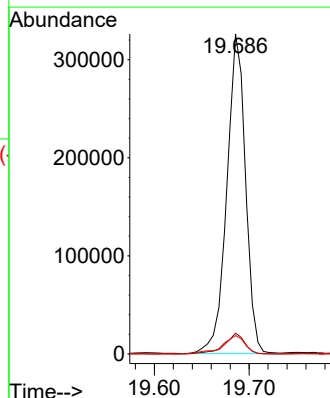
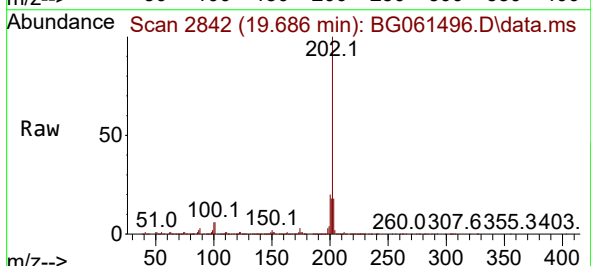
Tgt Ion:202 Resp: 448114

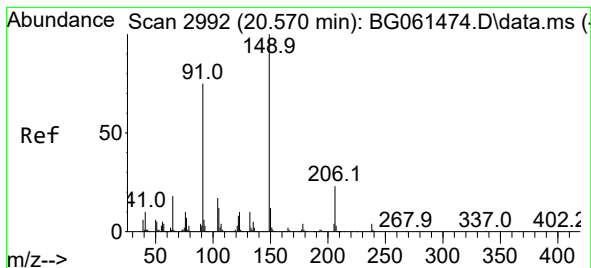
Ion Ratio Lower Upper

202 100

101 6.5 5.7 8.5

100 5.8 5.1 7.7





#83

Butylbenzylphthalate

Concen: 1.044 ng/ul

RT: 20.573 min Scan# 2992

Delta R.T. 0.001 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

Instrument :

BNA_G

ClientSampleId :

BHBR7

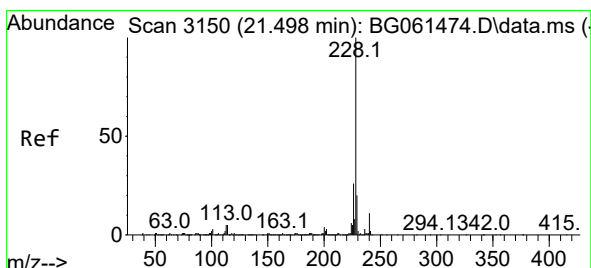
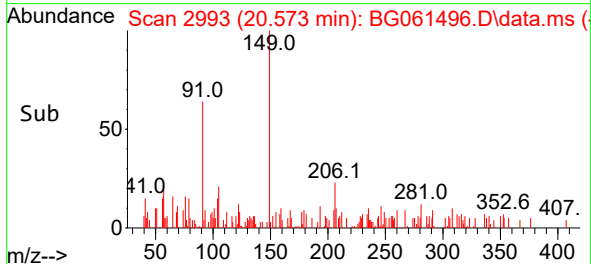
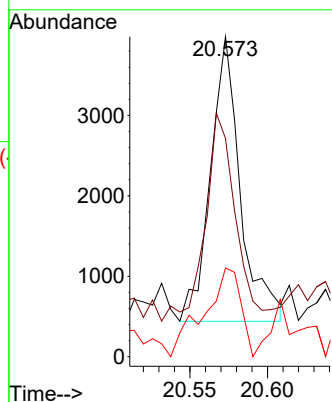
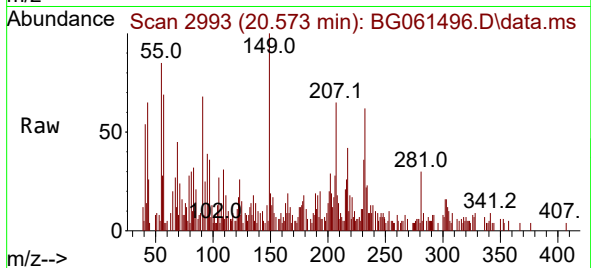
Tgt Ion:149 Resp: 4754

Ion Ratio Lower Upper

149 100

91 68.2 54.8 82.2

206 27.7 19.4 29.0



#85

Benzo(a)anthracene

Concen: 24.211 ng/ul

RT: 21.501 min Scan# 3151

Delta R.T. 0.007 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

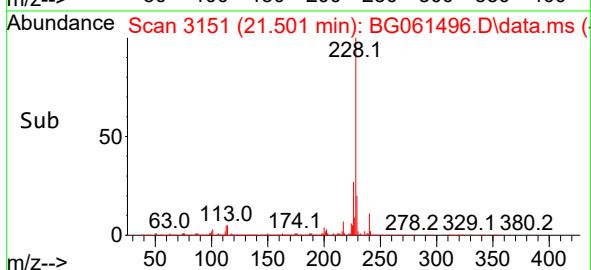
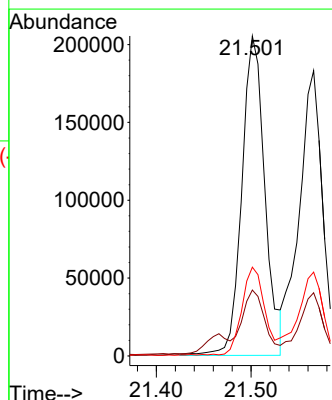
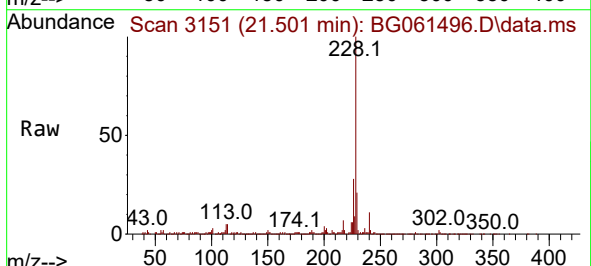
Tgt Ion:228 Resp: 346349

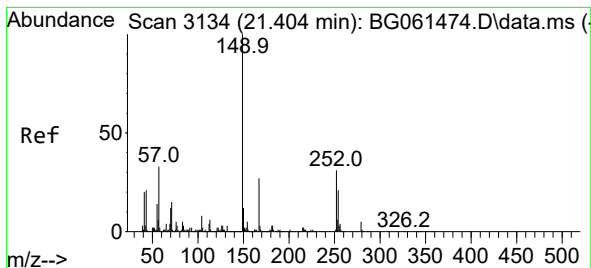
Ion Ratio Lower Upper

228 100

229 20.6 15.2 22.8

226 27.7 21.4 32.2

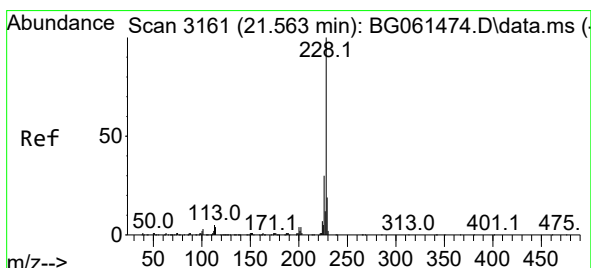
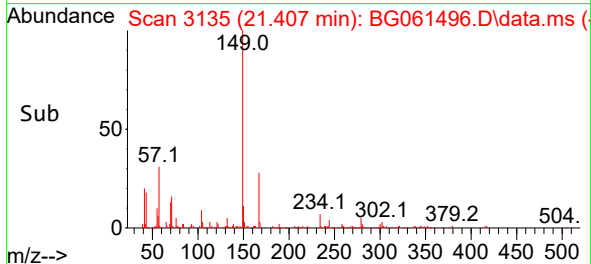
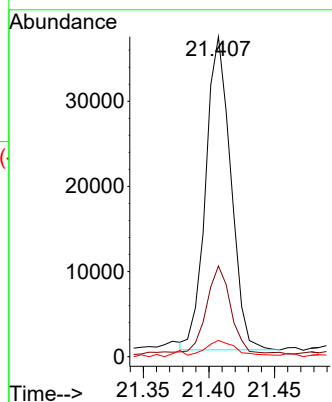
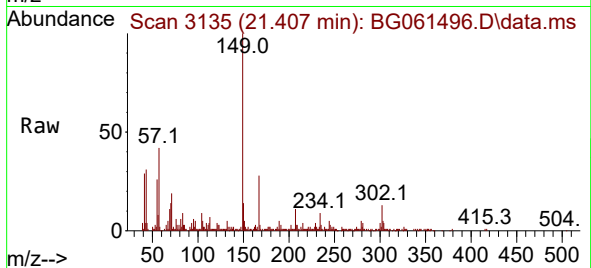




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 7.249 ng/ul
 RT: 21.407 min Scan# 3134
 Delta R.T. 0.001 min
 Lab File: BG061496.D
 Acq: 5 Jun 2024 21:22

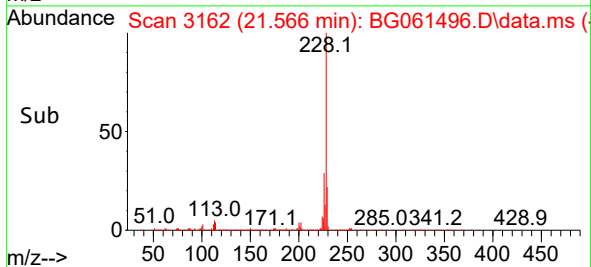
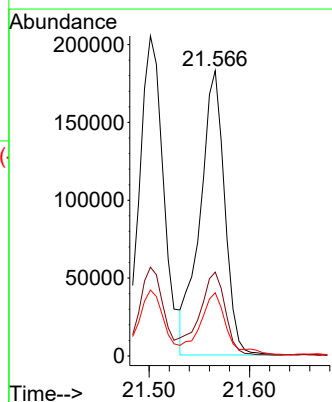
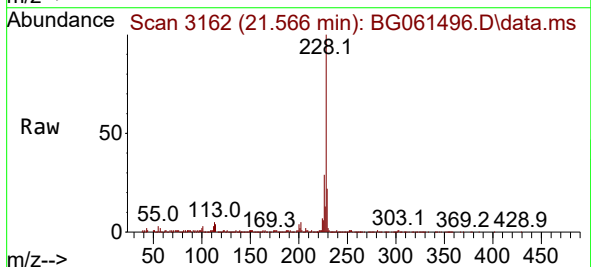
Instrument :
 BNA_G
 ClientSampleId :
 BHBR7

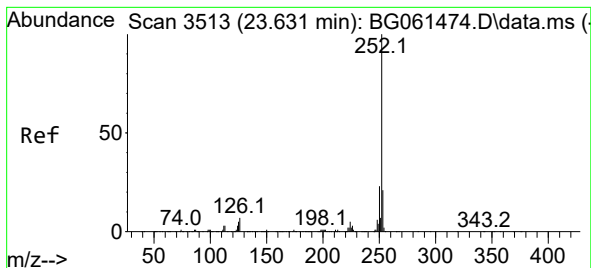
Tgt Ion:149 Resp: 48863
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.1 31.7
 279 5.1 3.3 4.9#



#87
 Chrysene
 Concen: 23.721 ng/ul
 RT: 21.566 min Scan# 3162
 Delta R.T. 0.013 min
 Lab File: BG061496.D
 Acq: 5 Jun 2024 21:22

Tgt Ion:228 Resp: 312460
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.4 35.0
 229 22.2 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 29.429 ng/ul

RT: 23.640 min Scan# 3515

Delta R.T. 0.024 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

Instrument :

BNA_G

ClientSampleId :

BHBR7

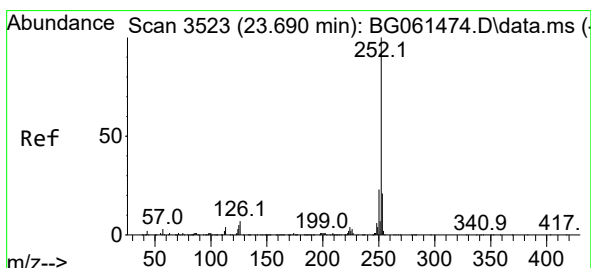
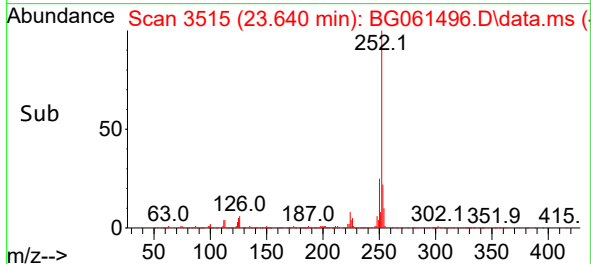
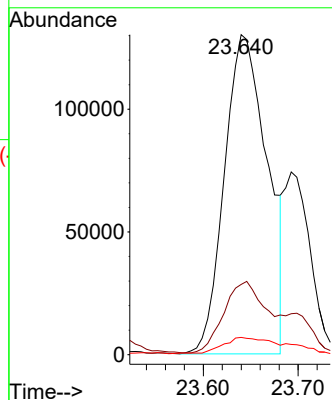
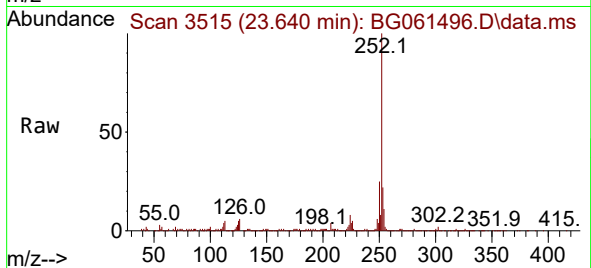
Tgt Ion:252 Resp: 409071

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 5.4 4.6 6.8



#91

Benzo(k)fluoranthene

Concen: 28.990 ng/ul

RT: 23.640 min Scan# 3515

Delta R.T. -0.040 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

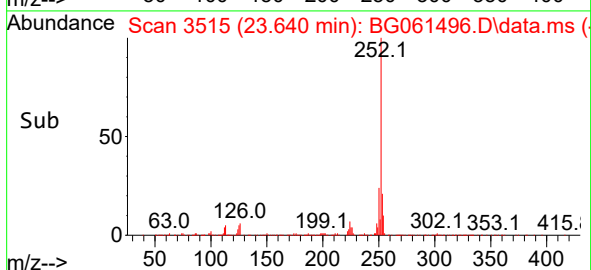
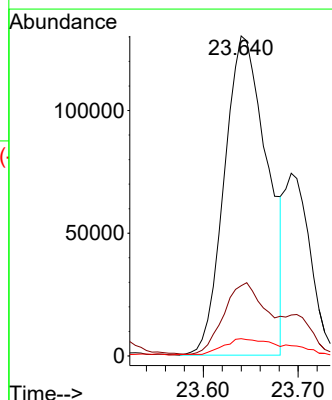
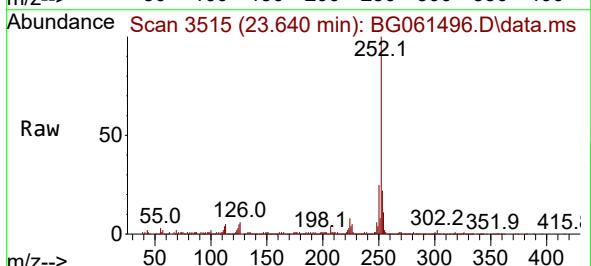
Tgt Ion:252 Resp: 409071

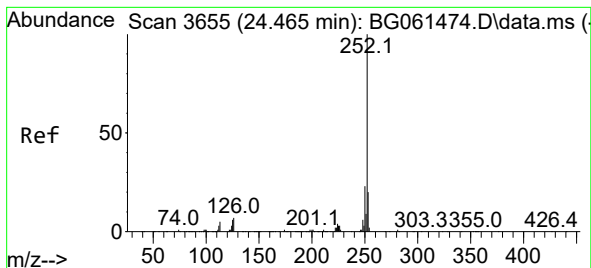
Ion Ratio Lower Upper

252 100

253 21.9 16.0 24.0

125 5.4 4.3 6.5





#93

Benzo(a)pyrene

Concen: 12.406 ng/ul

RT: 24.468 min Scan# 3

Delta R.T. 0.019 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

Instrument :

BNA_G

ClientSampleId :

BHBR7

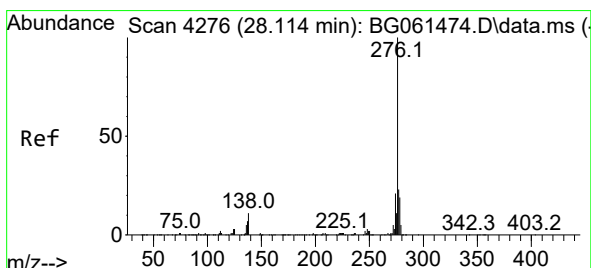
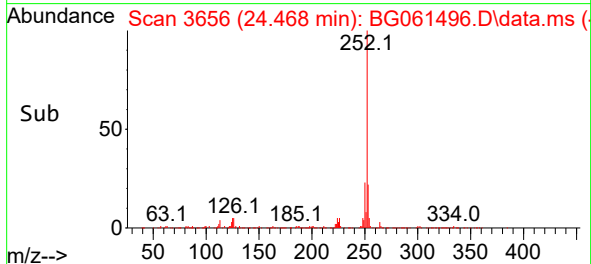
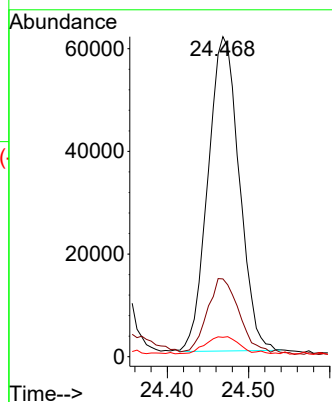
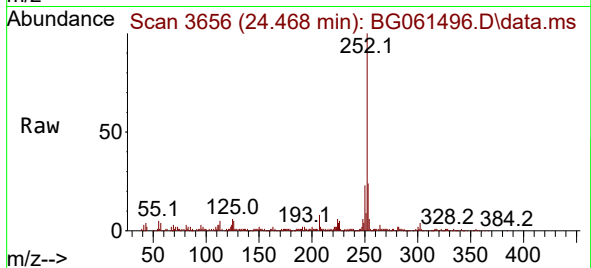
Tgt Ion:252 Resp: 163750

Ion Ratio Lower Upper

252 100

253 24.3 16.4 24.6

125 6.0 4.3 6.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.395 ng/ul

RT: 28.123 min Scan# 4278

Delta R.T. 0.030 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

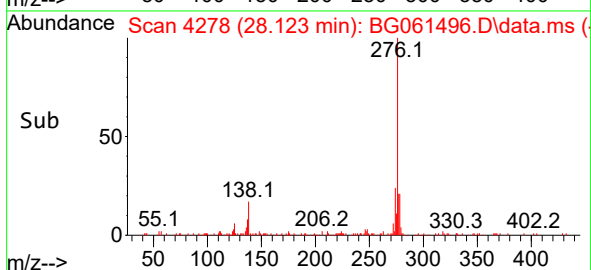
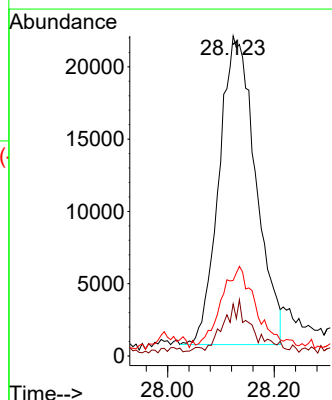
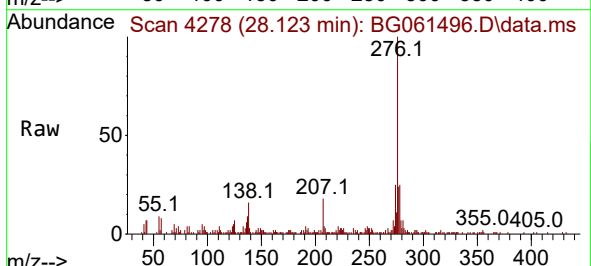
Tgt Ion:276 Resp: 102075

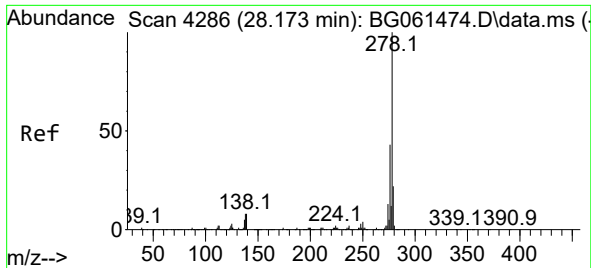
Ion Ratio Lower Upper

276 100

138 16.2 8.6 13.0#

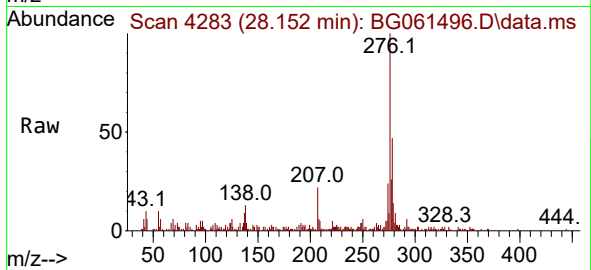
277 23.6 19.7 29.5





#95
 Dibenzo(a,h)anthracene
 Concen: 2.833 ng/ul
 RT: 28.152 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: BG061496.D
 Acq: 5 Jun 2024 21:22

Instrument :
 BNA_G
 ClientSampleId :
 BHBR7



Tgt Ion:	278	Resp:	37286
Ion	Ratio	Lower	Upper
278	100		
139	9.5	6.4	9.6
279	29.4	19.9	29.9

