

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061497.D
 Acq On : 5 Jun 2024 22:03
 Operator : MA/JU
 Sample : P2623-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 05 22:54:29 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)

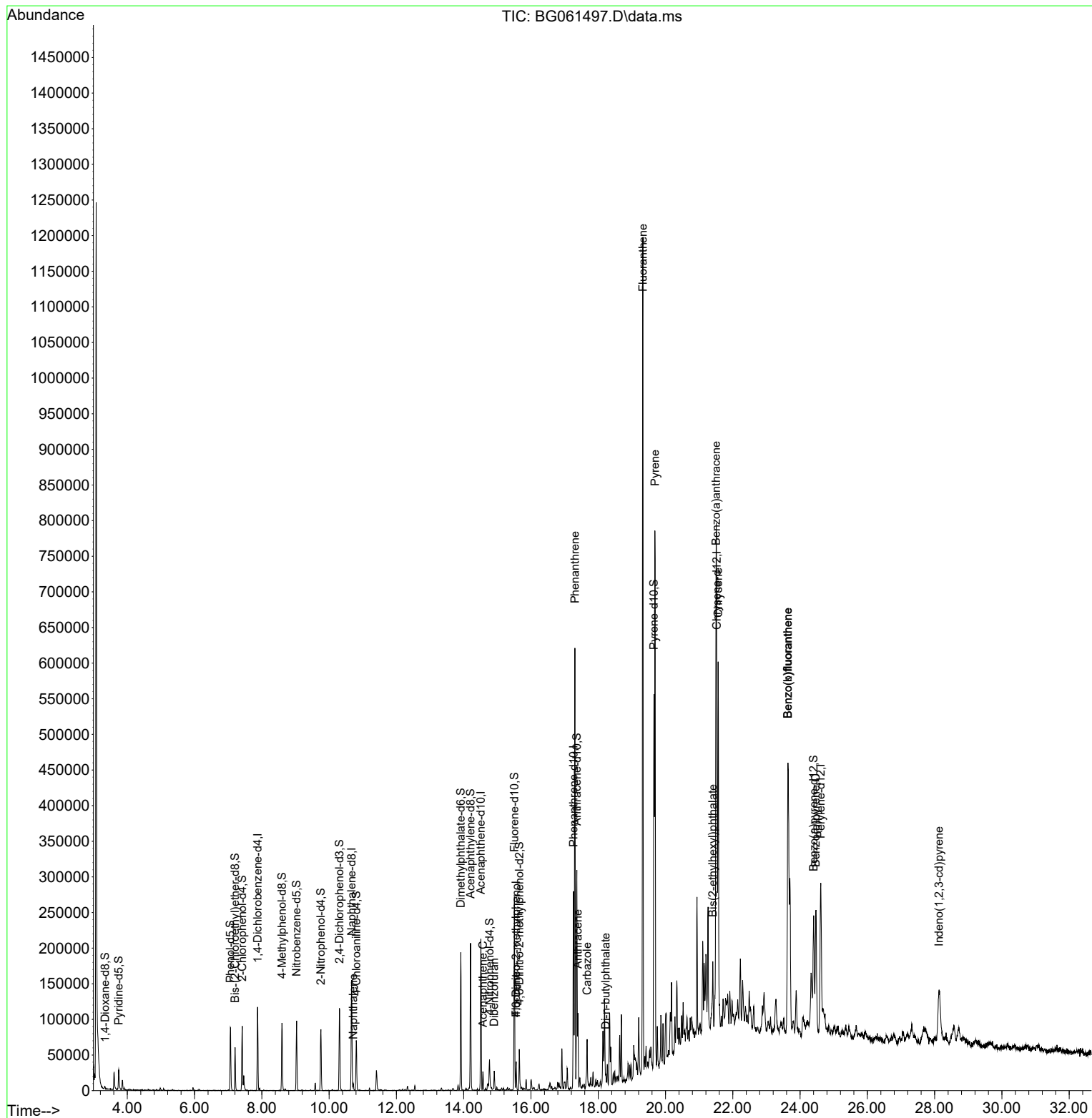
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	30699	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	119468	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.509	164	80110	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.264	188	176919	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	203725	20.000	ng/ul	0.01
88) Perylene-d12	24.615	264	227617	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	1849	3.371	ng/uL	0.00
4) Pyridine-d5	3.745	84	12015	6.157	ng/ul	0.00
7) Phenol-d5	7.065	99	42972	17.045	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	27419	17.304	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	36530	19.579	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	32487	15.113	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	18497	20.109	ng/ul	0.00
24) 2-Nitrophenol-d4	9.755	143	21592	20.058	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	43547	20.750	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	34079	12.412	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	124507	20.039	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	135054	20.908	ng/ul	0.00
54) 4-Nitrophenol-d4	14.767	143	10165	13.233	ng/ul	0.03
60) Fluorene-d10	15.508	176	106416	19.838	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.654	200	12886	12.043	ng/ul	0.02
73) Anthracene-d10	17.364	188	174719	22.400	ng/ul	0.00
81) Pyrene-d10	19.656	212	202931	19.400	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.403	264	175954	16.079	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.719	128	7643	1.212	ng/ul	97
52) Acenaphthene	14.573	153	11440	2.435	ng/ul	98
56) Dibenzofuran	14.908	168	14361	2.138	ng/ul	99
61) Fluorene	15.560	166	13751	2.366	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.560	198	1569	1.399	ng/ul#	52
72) Phenanthrene	17.305	178	383085	44.613	ng/ul	99
74) Anthracene	17.394	178	70382	7.927	ng/ul	98
77) Carbazole	17.670	167	41230	5.709	ng/ul	97
78) Di-n-butylphthalate	18.222	149	9735	1.076	ng/ul	99
80) Fluoranthene	19.327	202	747769	59.590	ng/ul	98
82) Pyrene	19.685	202	511288	39.253	ng/ul	98
85) Benzo(a)anthracene	21.501	228	408011	29.025	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.407	149	29114	4.396	ng/ul#	99
87) Chrysene	21.565	228	361212	27.907	ng/ul	94
90) Benzo(b)fluoranthene	23.639	252	471172	34.767	ng/ul	99
91) Benzo(k)fluoranthene	23.639	252	471172	34.248	ng/ul	97
93) Benzo(a)pyrene	24.468	252	190118	14.774	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.128	276	129707	8.335	ng/ul	98

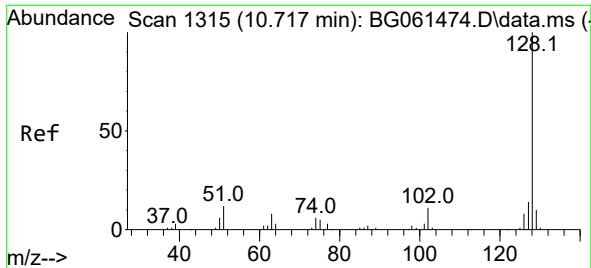
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

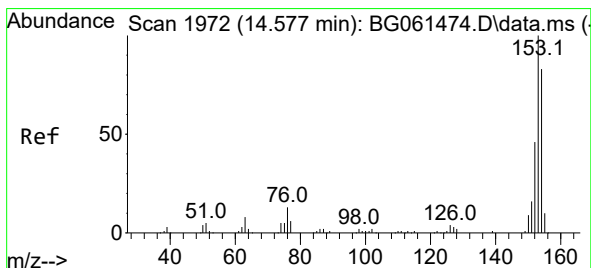
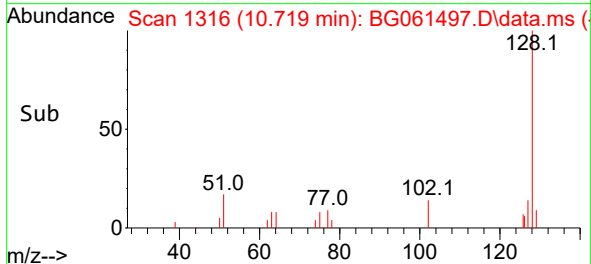
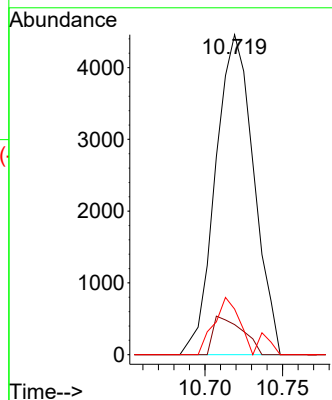
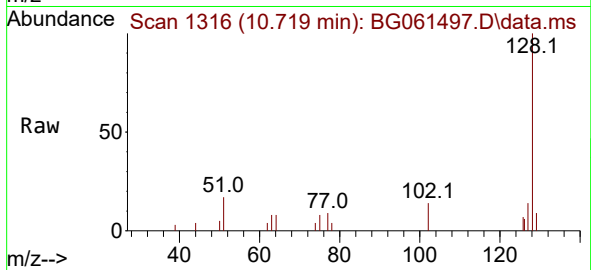




#30
Naphthalene
Concen: 1.212 ng/ul
RT: 10.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG061497.D
Acq: 5 Jun 2024 22:03

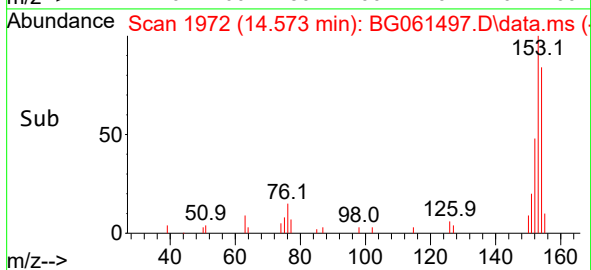
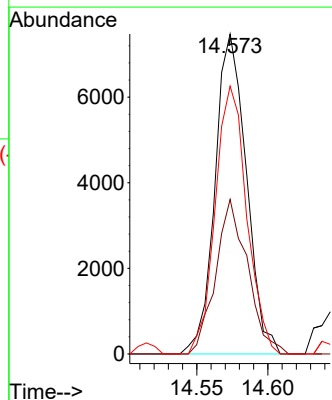
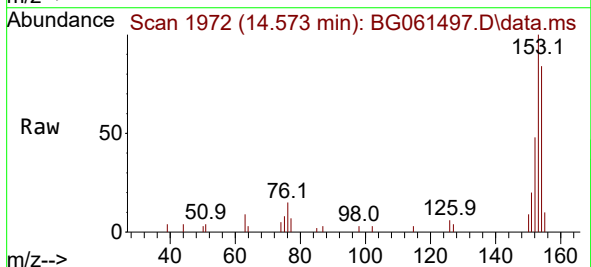
Instrument :
BNA_G
ClientSampleId :

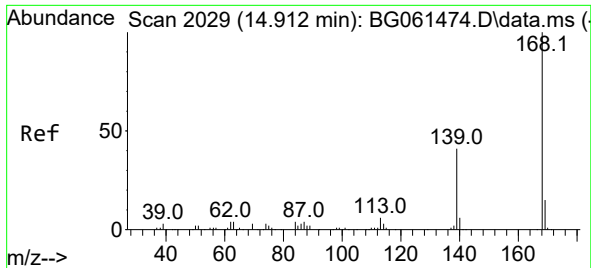
Tgt Ion:128 Resp: 7643
Ion Ratio Lower Upper
128 100
129 9.4 8.6 12.8
127 14.2 10.8 16.2



#52
Acenaphthene
Concen: 2.435 ng/ul
RT: 14.573 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG061497.D
Acq: 5 Jun 2024 22:03

Tgt Ion:153 Resp: 11440
Ion Ratio Lower Upper
153 100
152 48.3 37.8 56.8
154 83.7 69.0 103.6

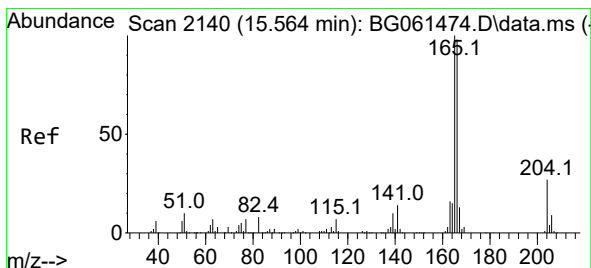
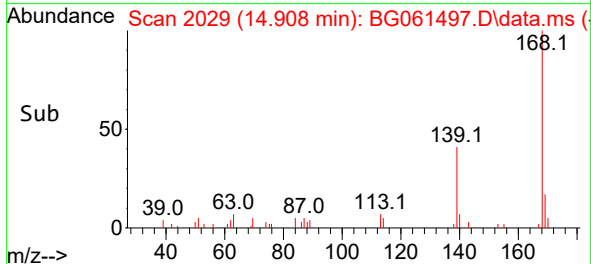
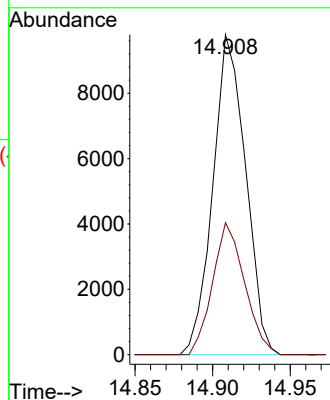
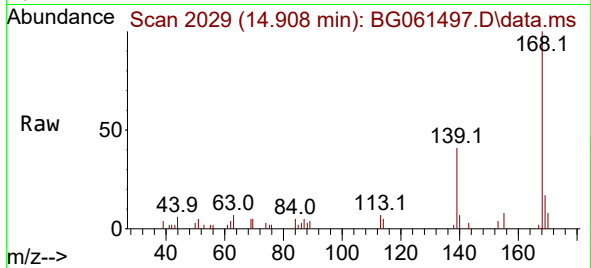




#56
Dibenzenofuran
Concen: 2.138 ng/ul
RT: 14.908 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG061497.D
Acq: 5 Jun 2024 22:03

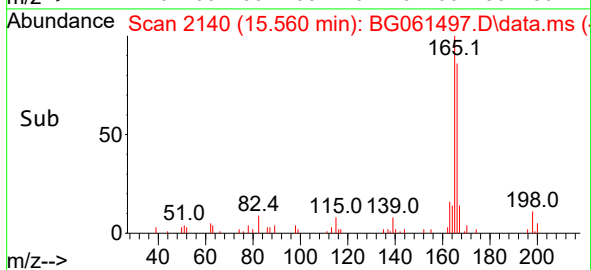
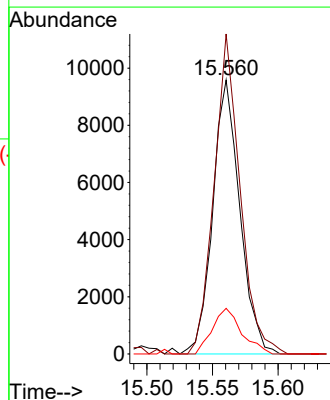
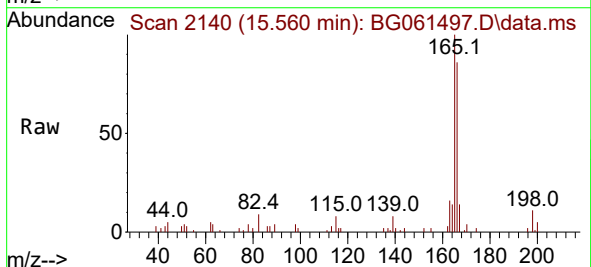
Instrument :
BNA_G
ClientSampleId :

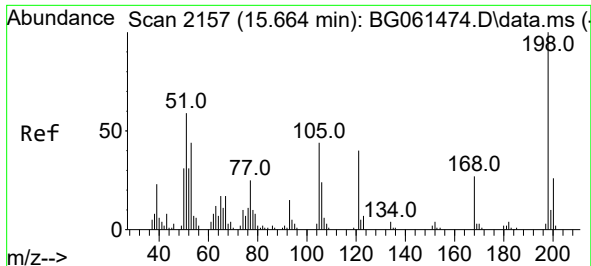
Tgt Ion:168 Resp: 14361
Ion Ratio Lower Upper
168 100
139 41.2 33.4 50.2



#61
Fluorene
Concen: 2.366 ng/ul
RT: 15.560 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG061497.D
Acq: 5 Jun 2024 22:03

Tgt Ion:166 Resp: 13751
Ion Ratio Lower Upper
166 100
165 116.8 81.8 122.8
167 16.6 10.6 16.0#

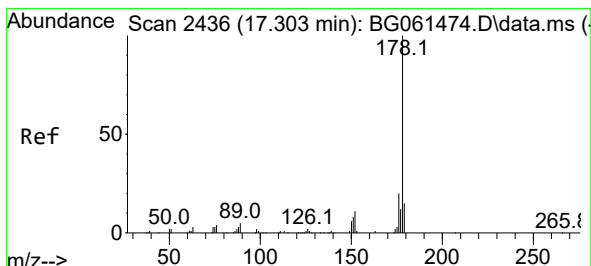
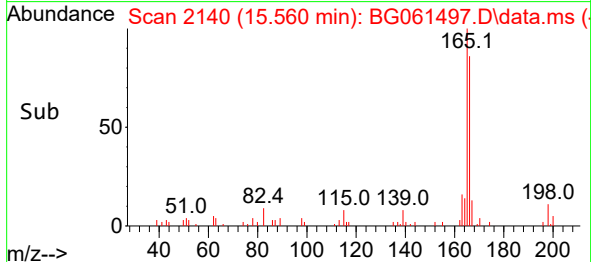
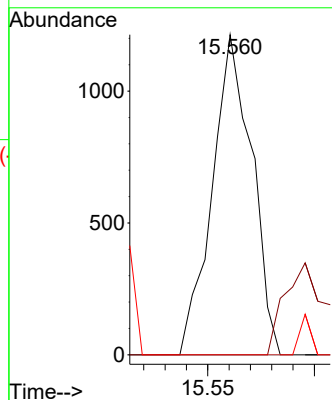
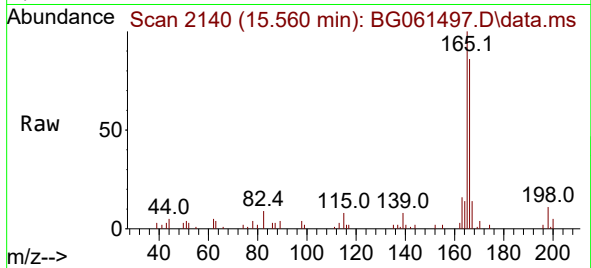




#66
4,6-Dinitro-2-methylphenol
Concen: 1.399 ng/ul
RT: 15.560 min Scan# 2157
Delta R.T. -0.094 min
Lab File: BG061497.D
Acq: 5 Jun 2024 22:03

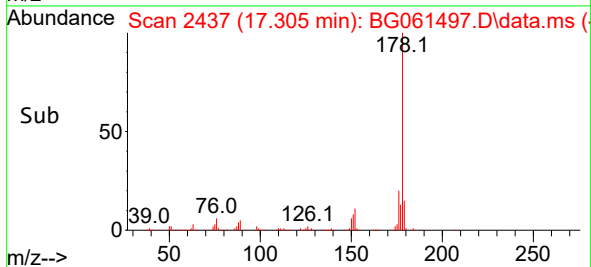
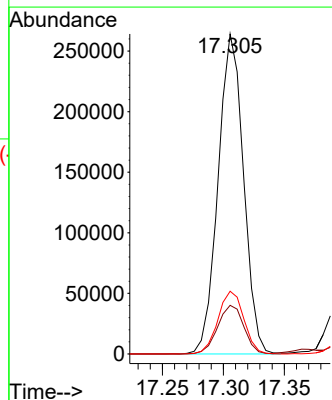
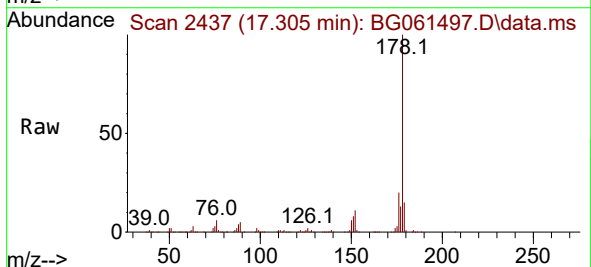
Instrument :
BNA_G
ClientSampleId :

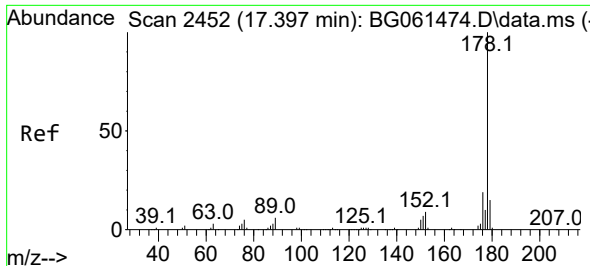
Tgt Ion:198 Resp: 1569
Ion Ratio Lower Upper
198 100
182 0.0 2.9 4.3#
77 0.0 22.3 33.5#



#72
Phenanthrene
Concen: 44.613 ng/ul
RT: 17.305 min Scan# 2437
Delta R.T. 0.006 min
Lab File: BG061497.D
Acq: 5 Jun 2024 22:03

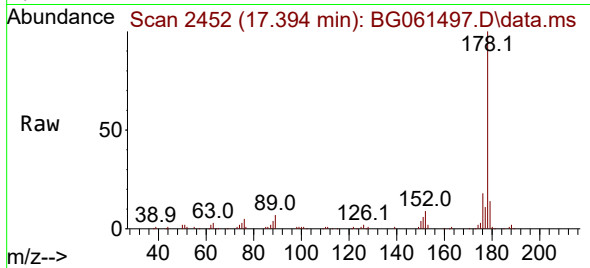
Tgt Ion:178 Resp: 383085
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.6 15.5 23.3



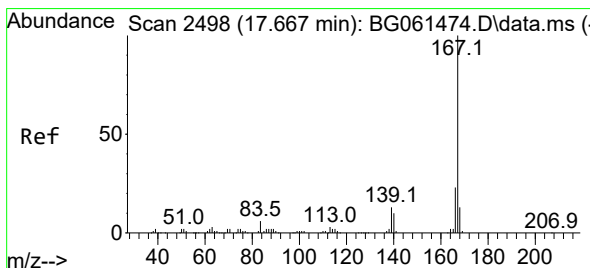
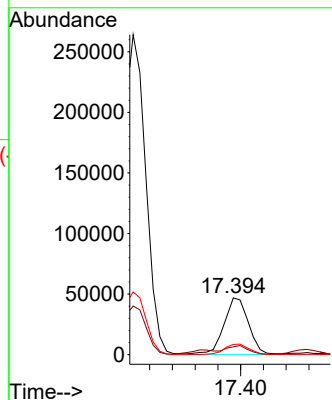
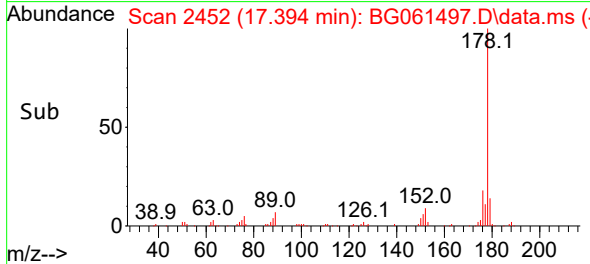


#74
 Anthracene
 Concen: 7.927 ng/ul
 RT: 17.394 min Scan# 2452
 Delta R.T. 0.000 min
 Lab File: BG061497.D
 Acq: 5 Jun 2024 22:03

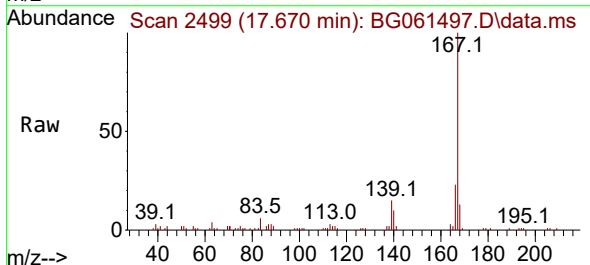
Instrument :
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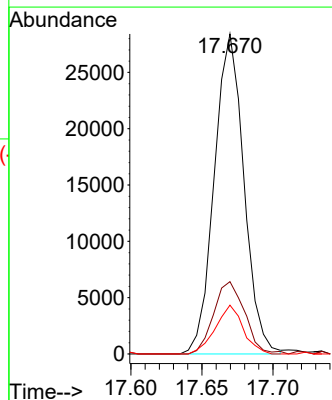
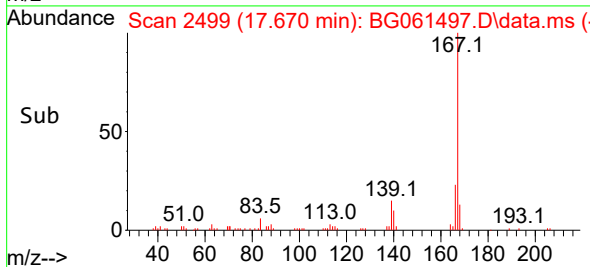
Tgt Ion:178 Resp: 70382
 Ion Ratio Lower Upper
 178 100
 179 13.8 11.8 17.6
 176 18.0 14.9 22.3

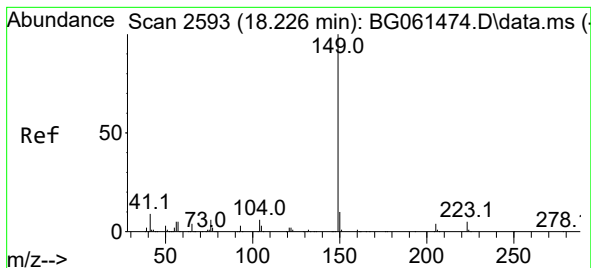


#77
 Carbazole
 Concen: 5.709 ng/ul
 RT: 17.670 min Scan# 2499
 Delta R.T. 0.006 min
 Lab File: BG061497.D
 Acq: 5 Jun 2024 22:03



Tgt Ion:167 Resp: 41230
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.6 28.0
 139 15.3 10.6 15.8





#78

Di-n-butylphthalate

Concen: 1.076 ng/ul

RT: 18.222 min Scan# 21

Delta R.T. 0.000 min

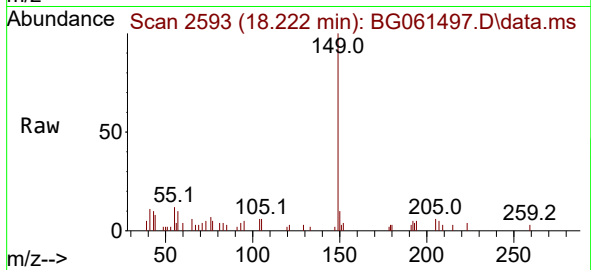
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Instrument :

BNA_G

ClientSampleId :



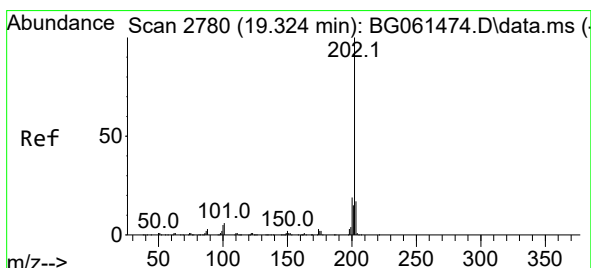
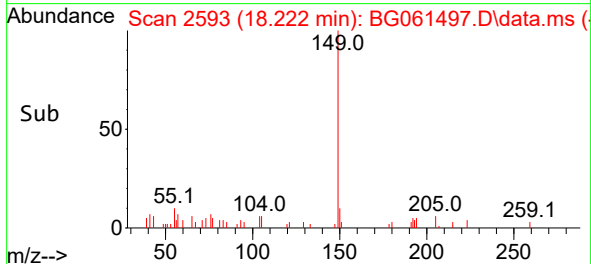
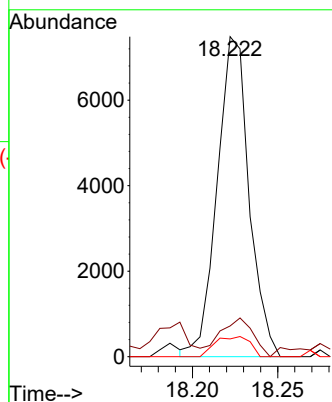
Tgt Ion:149 Resp: 9735

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

104 5.6 4.8 7.2



#80

Fluoranthene

Concen: 59.590 ng/ul

RT: 19.327 min Scan# 2781

Delta R.T. 0.012 min

Lab File: BG061497.D

Acq: 5 Jun 2024 22:03

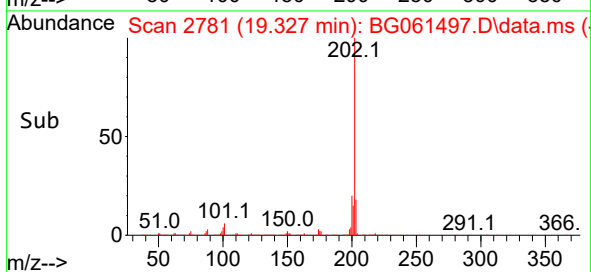
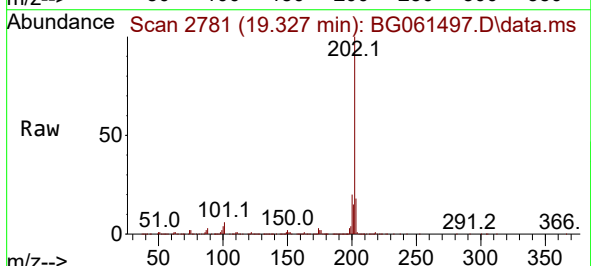
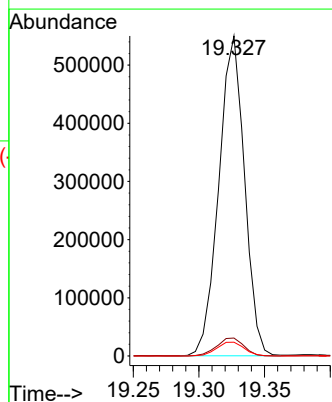
Tgt Ion:202 Resp: 747769

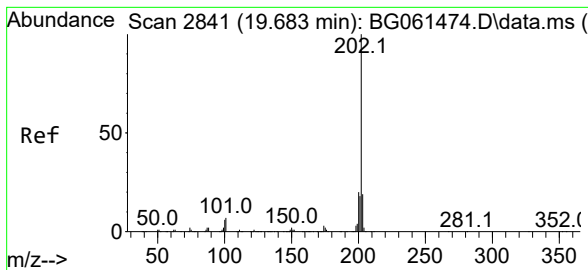
Ion Ratio Lower Upper

202 100

101 5.6 4.8 7.2

100 4.3 4.1 6.1

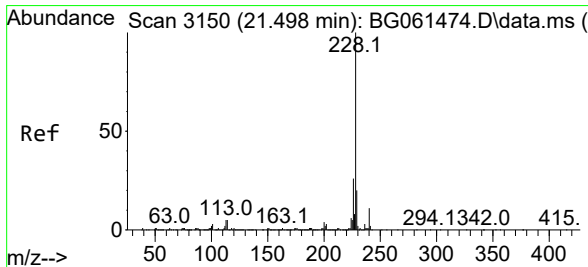
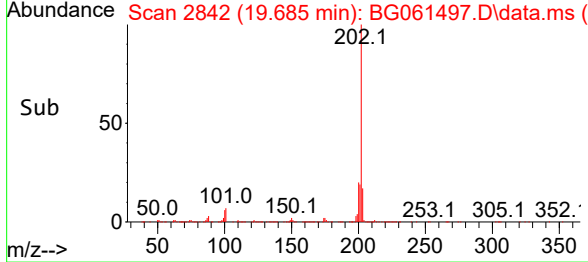
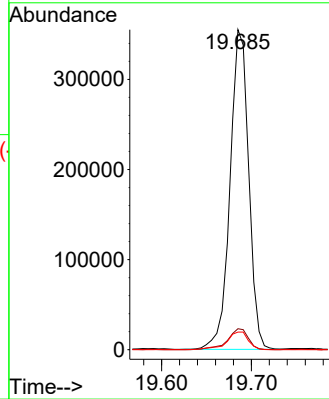
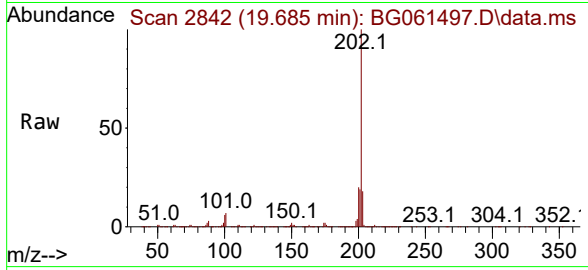




#82
 Pyrene
 Concen: 39.253 ng/ul
 RT: 19.685 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: BG061497.D
 Acq: 5 Jun 2024 22:03

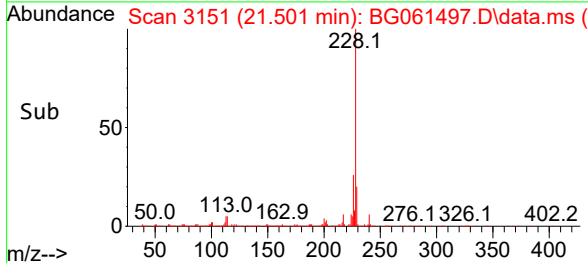
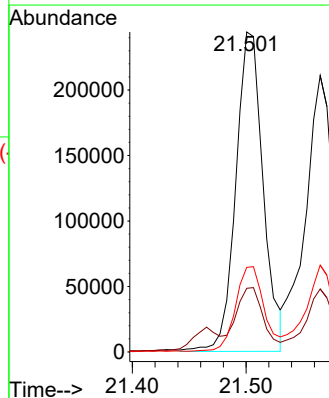
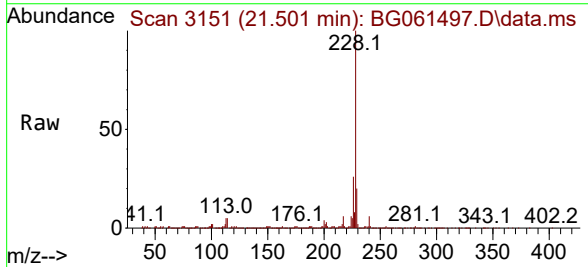
Instrument :
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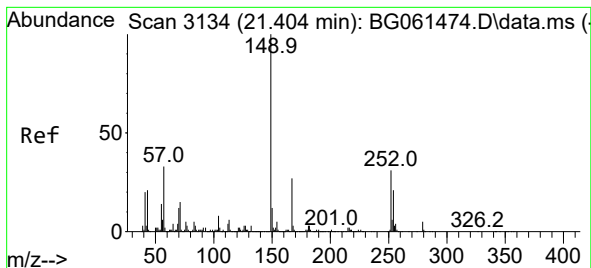
Tgt Ion:202 Resp: 511288
 Ion Ratio Lower Upper
 202 100
 101 6.5 5.7 8.5
 100 5.5 5.1 7.7



#85
 Benzo(a)anthracene
 Concen: 29.025 ng/ul
 RT: 21.501 min Scan# 3151
 Delta R.T. 0.006 min
 Lab File: BG061497.D
 Acq: 5 Jun 2024 22:03

Tgt Ion:228 Resp: 408011
 Ion Ratio Lower Upper
 228 100
 229 19.9 15.2 22.8
 226 26.5 21.4 32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 4.396 ng/ul

RT: 21.407 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BG061497.D

Acq: 5 Jun 2024 22:03

Instrument :

BNA_G

ClientSampleId :

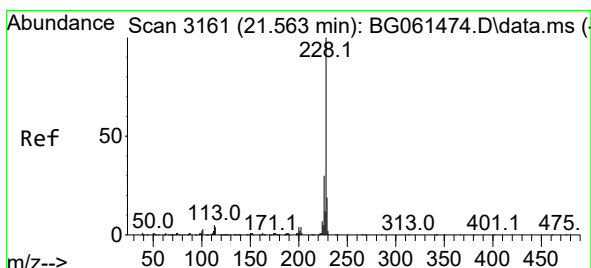
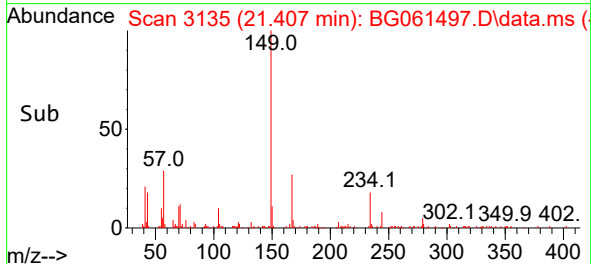
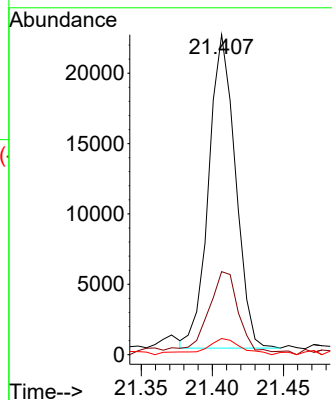
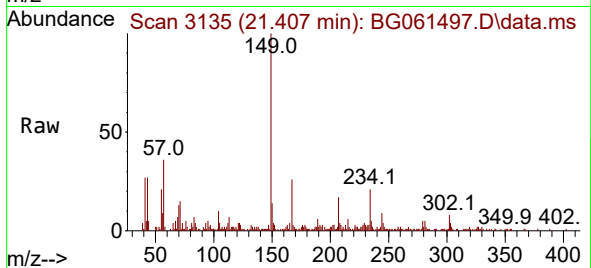
Tgt Ion:149 Resp: 29114

Ion Ratio Lower Upper

149 100

167 26.0 21.1 31.7

279 5.0 3.3 4.9#



#87

Chrysene

Concen: 27.907 ng/ul

RT: 21.565 min Scan# 3162

Delta R.T. 0.012 min

Lab File: BG061497.D

Acq: 5 Jun 2024 22:03

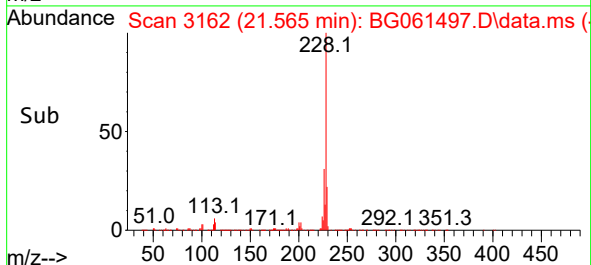
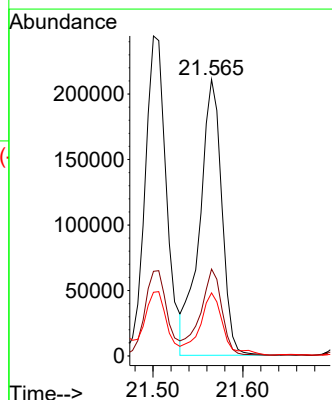
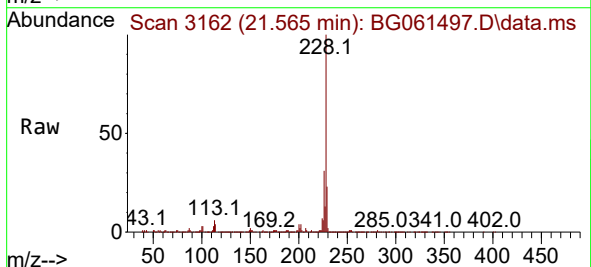
Tgt Ion:228 Resp: 361212

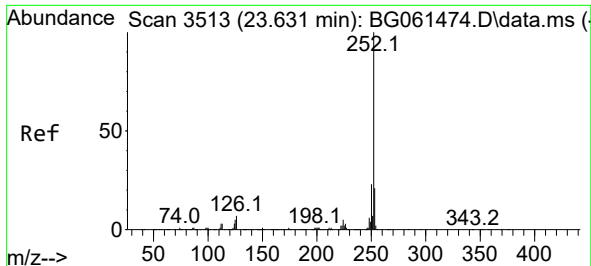
Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.0

229 22.8 15.4 23.2

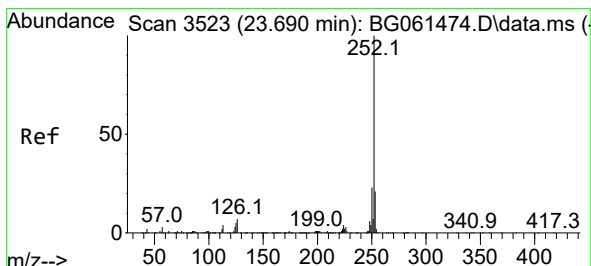
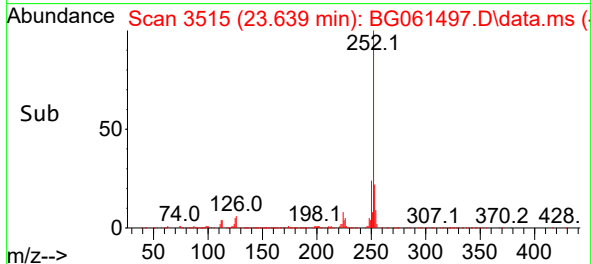
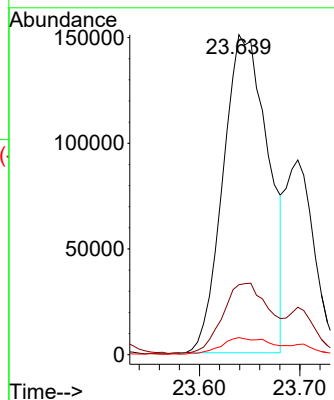
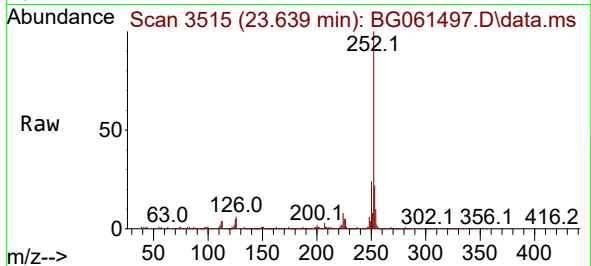




#90
Benzo(b)fluoranthene
Concen: 34.767 ng/ul
RT: 23.639 min Scan# 3515
Delta R.T. 0.024 min
Lab File: BG061497.D
Acq: 5 Jun 2024 22:03

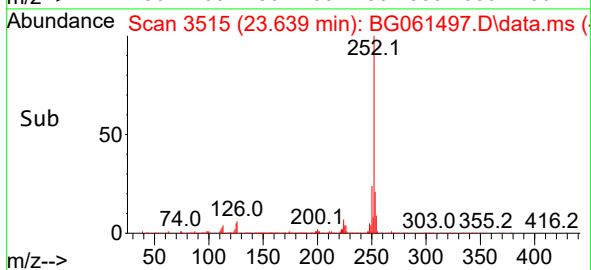
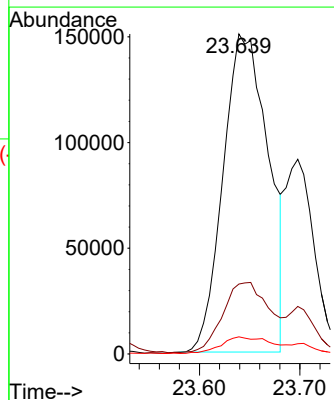
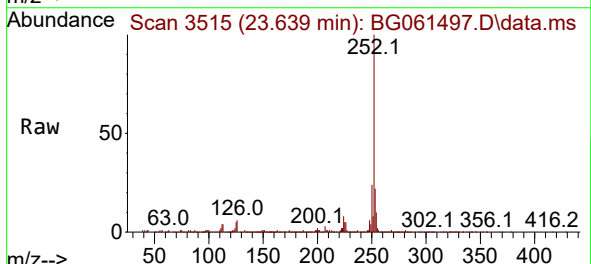
Instrument :
BNA_G
ClientSampleId :

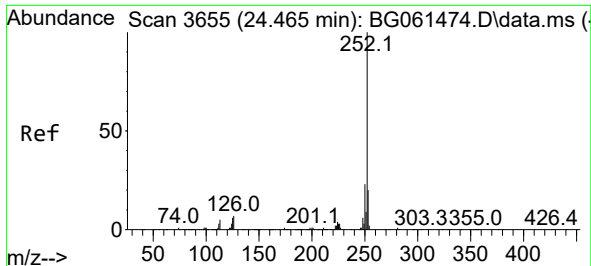
Tgt Ion:252 Resp: 471172
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 5.4 4.6 6.8



#91
Benzo(k)fluoranthene
Concen: 34.248 ng/ul
RT: 23.639 min Scan# 3515
Delta R.T. -0.041 min
Lab File: BG061497.D
Acq: 5 Jun 2024 22:03

Tgt Ion:252 Resp: 471172
Ion Ratio Lower Upper
252 100
253 21.8 16.0 24.0
125 5.4 4.3 6.5

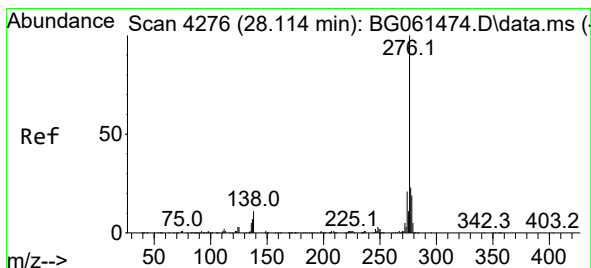
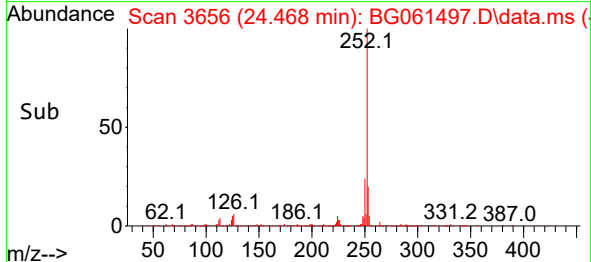
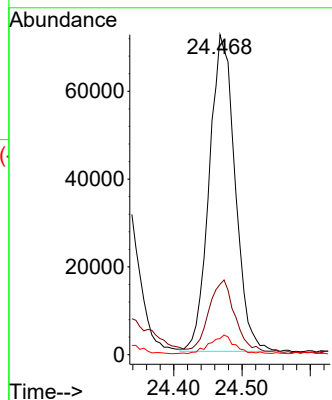
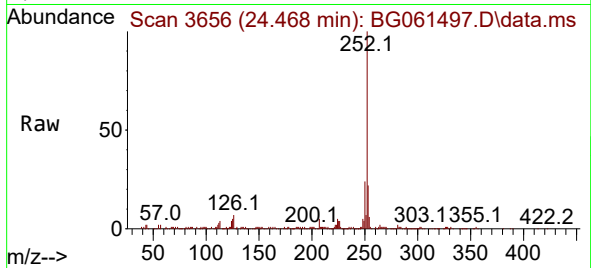




#93
Benzo(a)pyrene
Concen: 14.774 ng/ul
RT: 24.468 min Scan# 30
Delta R.T. 0.018 min
Lab File: BG061497.D
Acq: 5 Jun 2024 22:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 190118
Ion Ratio Lower Upper
252 100
253 22.0 16.4 24.6
125 5.1 4.3 6.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 8.335 ng/ul
RT: 28.128 min Scan# 4279
Delta R.T. 0.035 min
Lab File: BG061497.D
Acq: 5 Jun 2024 22:03

Tgt Ion:276 Resp: 129707
Ion Ratio Lower Upper
276 100
138 11.8 8.6 13.0
277 23.4 19.7 29.5

