

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
 Data File : BG061781.D
 Acq On : 28 Jun 2024 21:05
 Operator : MA/JU
 Sample : P2934-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CQ1

Quant Time: Jun 29 01:11:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

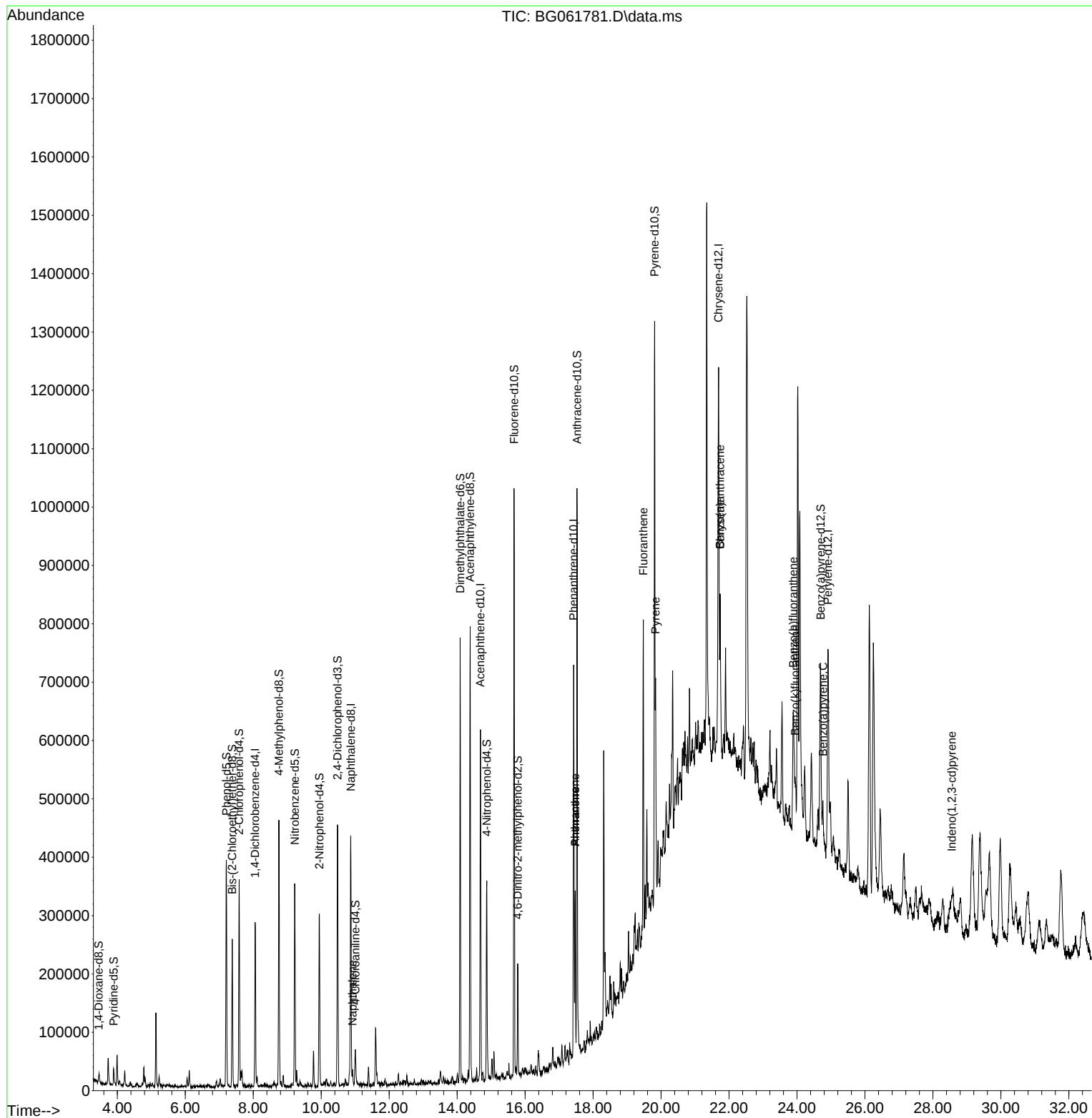
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.053	152	71919	20.000	ng/u1	0.00
20) Naphthalene-d8	10.868	136	324486	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.681	164	204751	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.425	188	430268	20.000	ng/u1	0.00
79) Chrysene-d12	21.690	240	320194	20.000	ng/u1	0.00
88) Perylene-d12	24.910	264	374332	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	8472	4.255	ng/uL	0.00
4) Pyridine-d5	3.894	84	10824	1.798	ng/u1	0.02
7) Phenol-d5	7.207	99	198486	25.422	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.378	67	121425	24.948	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	141654	26.439	ng/u1	0.00
15) 4-Methylphenol-d8	8.753	113	150249	24.893	ng/u1	0.00
21) Nitrobenzene-d5	9.223	128	71103	32.272	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	80550	36.097	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	153055	28.967	ng/u1	0.00
31) 4-Chloroaniline-d4	11.003	131	32694	4.087	ng/u1	0.00
46) Dimethylphthalate-d6	14.088	166	447177	28.381	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	507065	29.365	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	62134	22.961	ng/u1	0.00
60) Fluorene-d10	15.674	176	389972	28.271	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	35602	19.350	ng/u1	0.00
73) Anthracene-d10	17.525	188	550644	28.037	ng/u1	0.00
81) Pyrene-d10	19.810	212	483042	27.008	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.693	264	321814	18.000	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.921	128	18739	1.032	ng/u1	97
72) Phenanthrene	17.472	178	171707	7.586	ng/u1	98
74) Anthracene	17.472	178	171783	7.421	ng/u1	99
80) Fluoranthene	19.475	202	311039	14.988	ng/u1	97
82) Pyrene	19.840	202	226718	10.275	ng/u1	95
85) Benzo(a)anthracene	21.737	228	200166	8.906	ng/u1	96
87) Chrysene	21.737	228	195854	9.209	ng/u1	95
90) Benzo(b)fluoranthene	23.888	252	259131	11.516	ng/u1#	98
91) Benzo(k)fluoranthene	23.947	252	90603	3.915	ng/u1#	90
93) Benzo(a)pyrene	24.763	252	94019	4.340	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	28.553	276	29215	1.082	ng/u1	96

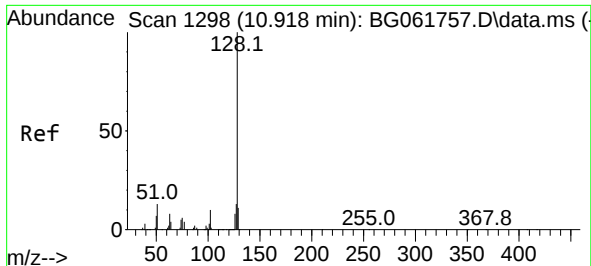
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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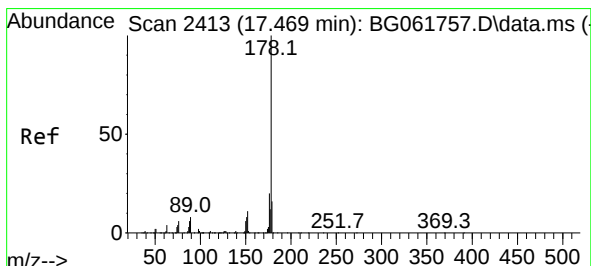
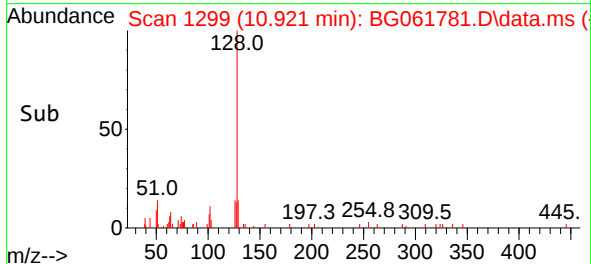
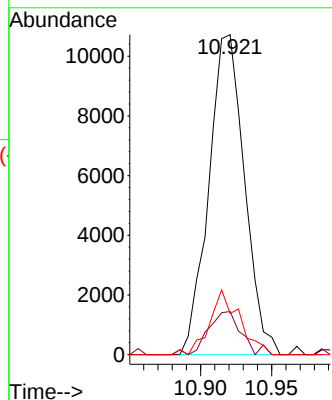
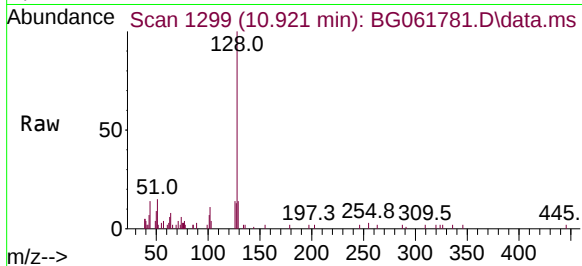




#30
Naphthalene
Concen: 1.032 ng/ul
RT: 10.921 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG061781.D
Acq: 28 Jun 2024 21:05

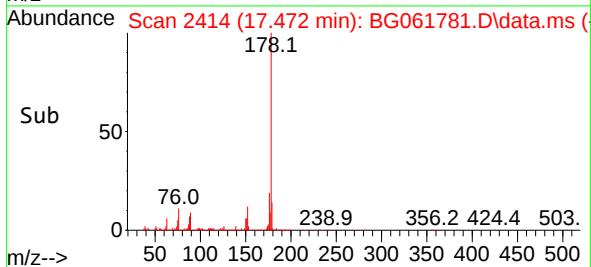
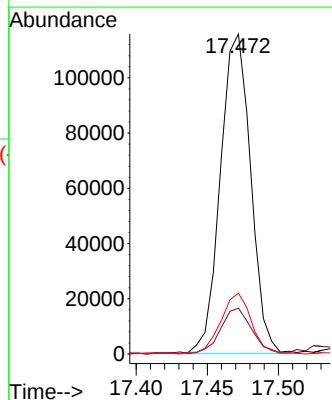
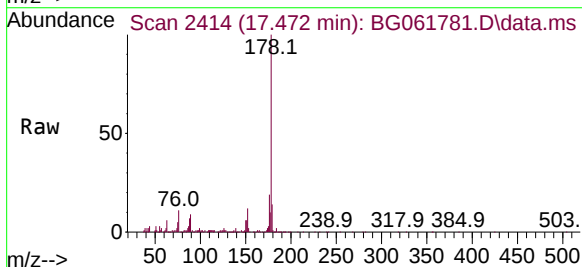
Instrument :
BNA_G
ClientSampleId :
A4CQ1

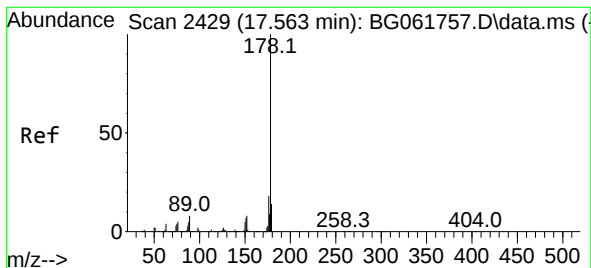
Tgt Ion:128 Resp: 18739
Ion Ratio Lower Upper
128 100
129 13.5 9.0 13.6
127 12.9 10.5 15.7



#72
Phenanthrene
Concen: 7.586 ng/ul
RT: 17.472 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BG061781.D
Acq: 28 Jun 2024 21:05

Tgt Ion:178 Resp: 171707
Ion Ratio Lower Upper
178 100
179 14.3 12.0 18.0
176 19.0 16.2 24.2





#74

Anthracene

Concen: 7.421 ng/ul

RT: 17.472 min Scan# 24

Delta R.T. -0.094 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

Instrument :

BNA_G

ClientSampleId :

A4CQ1

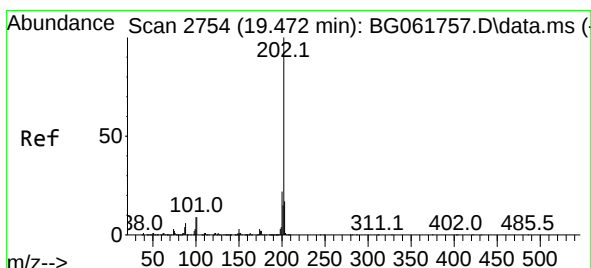
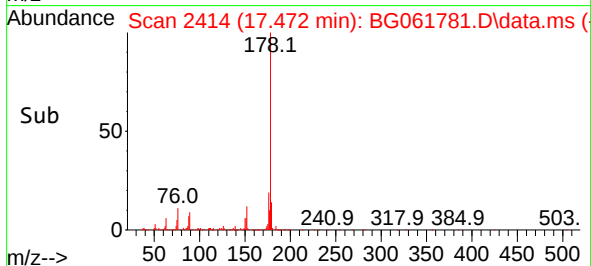
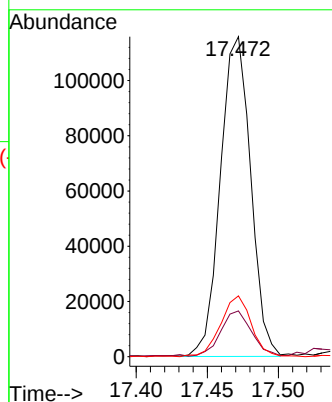
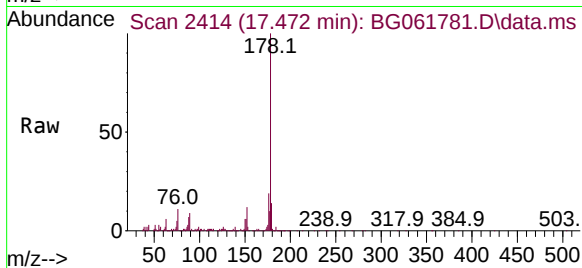
Tgt Ion:178 Resp: 171783

Ion Ratio Lower Upper

178 100

179 14.3 11.4 17.2

176 19.0 14.7 22.1



#80

Fluoranthene

Concen: 14.988 ng/ul

RT: 19.475 min Scan# 2755

Delta R.T. 0.000 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

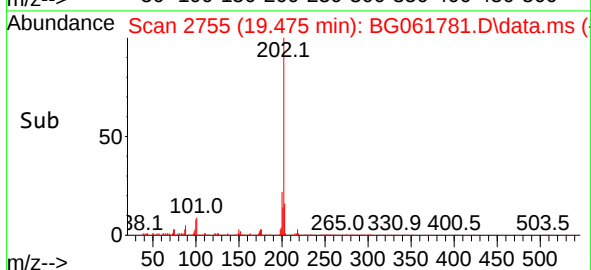
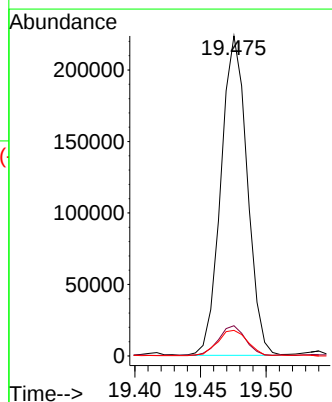
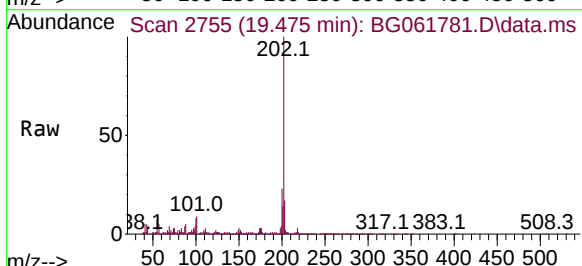
Tgt Ion:202 Resp: 311039

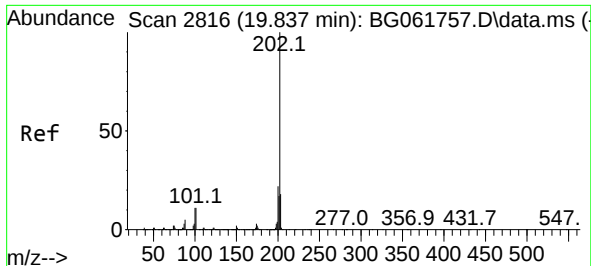
Ion Ratio Lower Upper

202 100

101 9.4 7.8 11.6

100 8.0 7.7 11.5

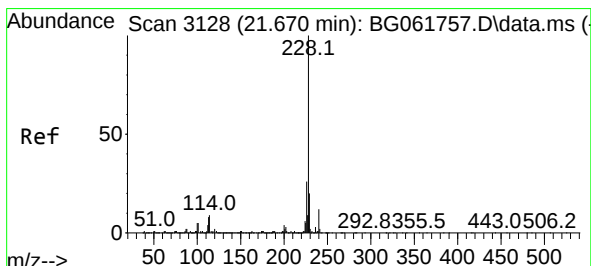
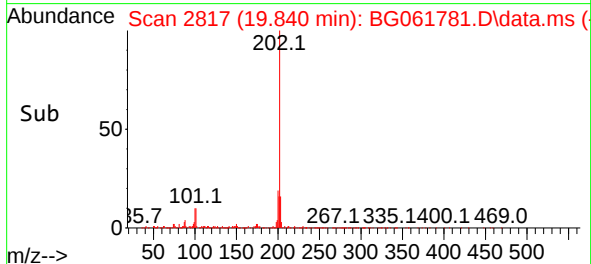
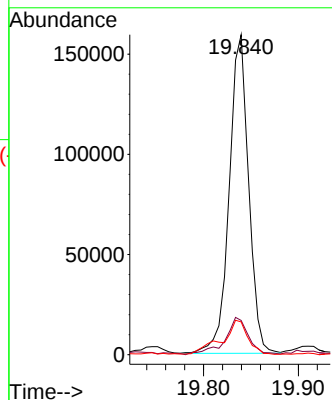
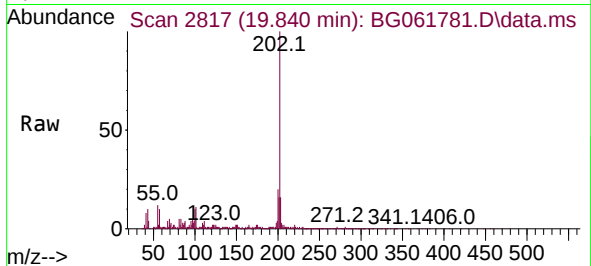




#82
Pyrene
Concen: 10.275 ng/ul
RT: 19.840 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG061781.D
Acq: 28 Jun 2024 21:05

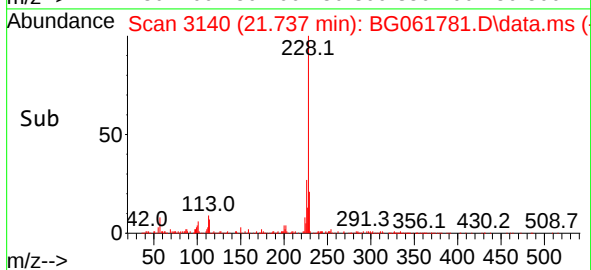
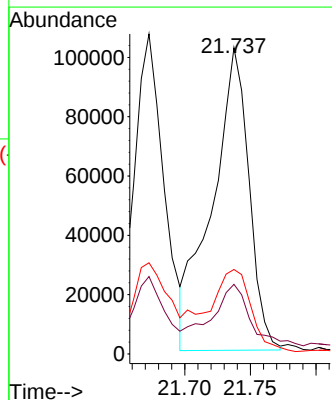
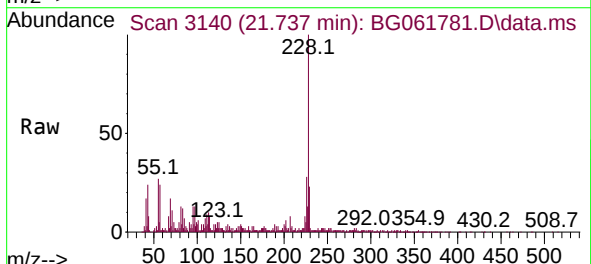
Instrument :
BNA_G
ClientSampleId :
A4CQ1

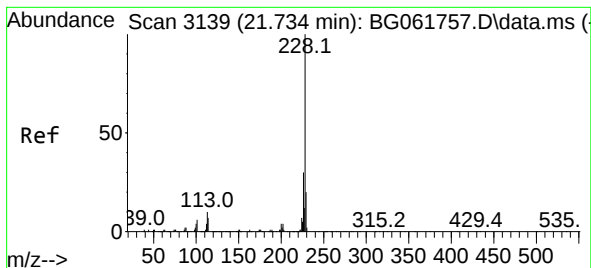
Tgt Ion:202 Resp: 226718
Ion Ratio Lower Upper
202 100
101 10.7 10.1 15.1
100 10.3 9.9 14.9



#85
Benzo(a)anthracene
Concen: 8.906 ng/ul
RT: 21.737 min Scan# 3140
Delta R.T. 0.065 min
Lab File: BG061781.D
Acq: 28 Jun 2024 21:05

Tgt Ion:228 Resp: 200166
Ion Ratio Lower Upper
228 100
229 22.7 15.8 23.8
226 27.6 21.4 32.2





#87

Chrysene

Concen: 9.209 ng/u1

RT: 21.737 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

Instrument :

BNA_G

ClientSampleId :

A4CQ1

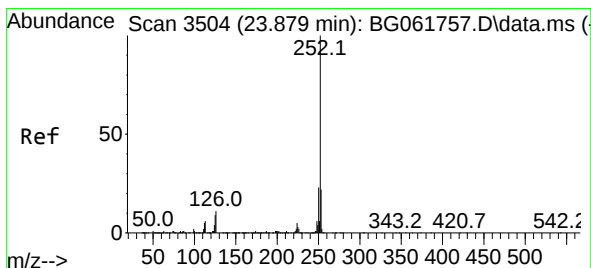
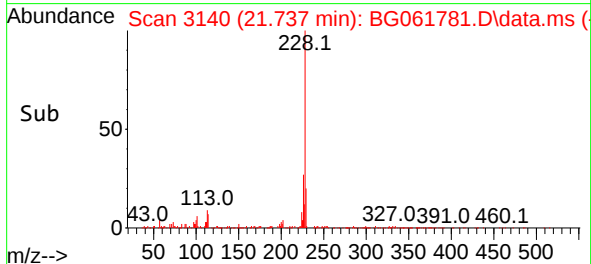
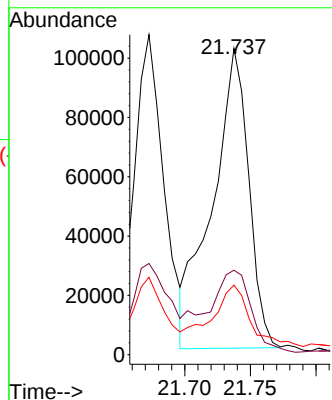
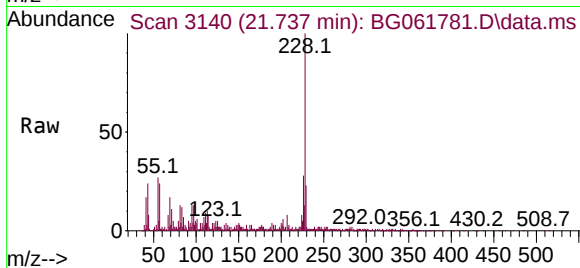
Tgt Ion:228 Resp: 195854

Ion Ratio Lower Upper

228 100

226 27.6 24.2 36.2

229 22.7 16.5 24.7



#90

Benzo(b)fluoranthene

Concen: 11.516 ng/u1

RT: 23.888 min Scan# 3506

Delta R.T. 0.000 min

Lab File: BG061781.D

Acq: 28 Jun 2024 21:05

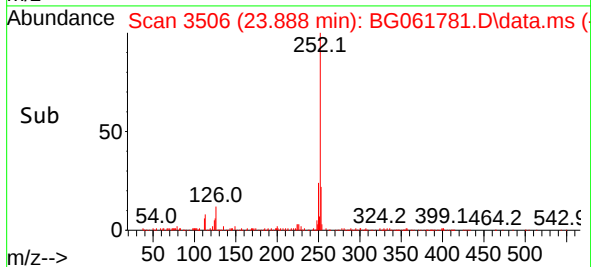
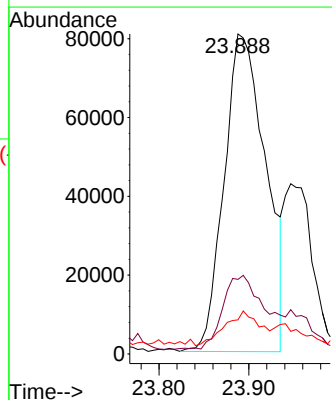
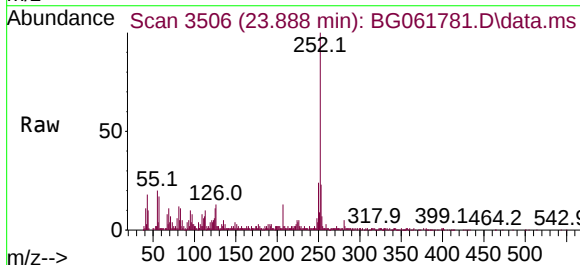
Tgt Ion:252 Resp: 259131

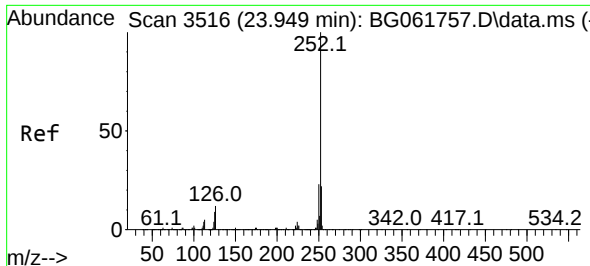
Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

125 10.6 7.0 10.6#

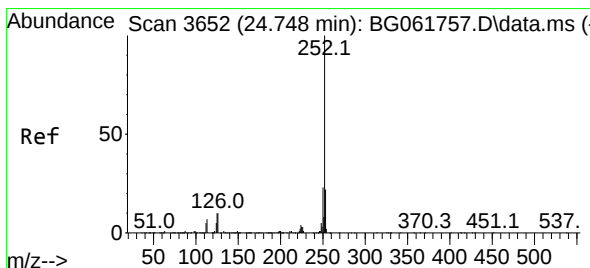
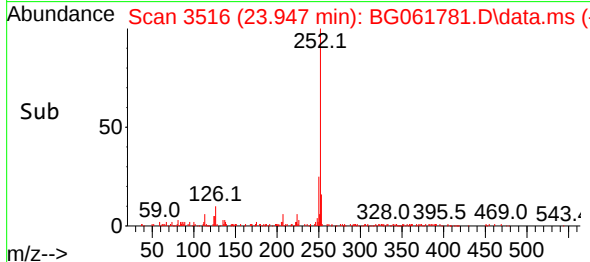
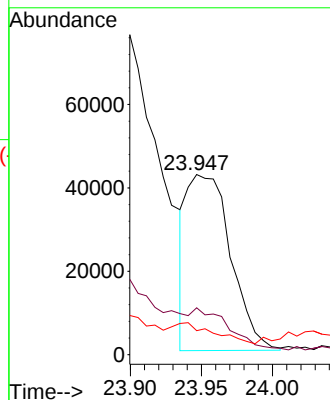
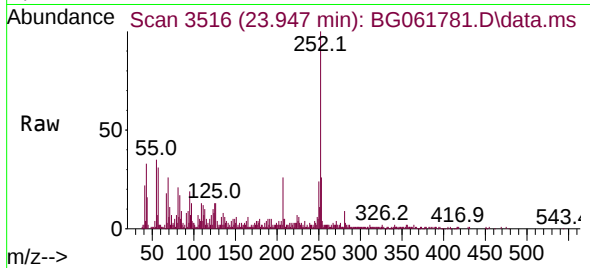




#91
Benzo(k)fluoranthene
Concen: 3.915 ng/ul
RT: 23.947 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BG061781.D
Acq: 28 Jun 2024 21:05

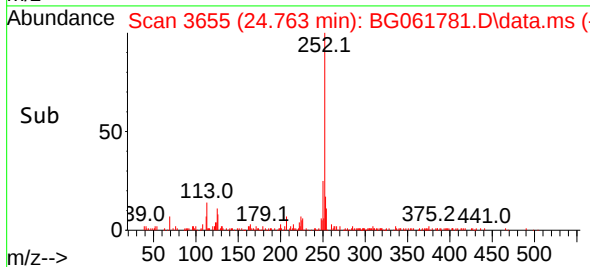
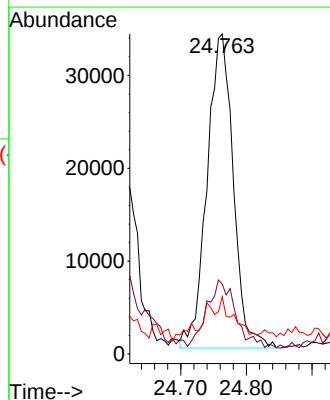
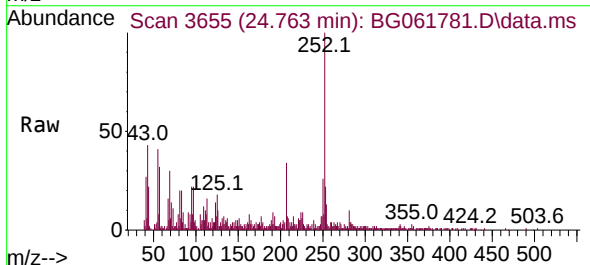
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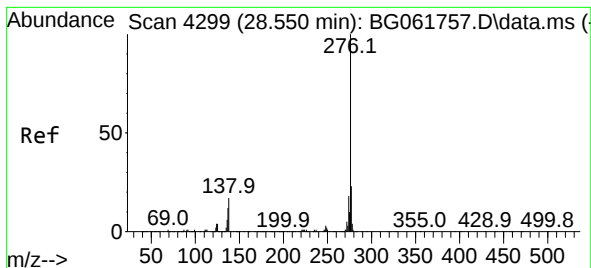
Tgt Ion:252 Resp: 90603
Ion Ratio Lower Upper
252 100
253 26.1 17.8 26.6
125 13.3 6.2 9.2#



#93
Benzo(a)pyrene
Concen: 4.340 ng/ul
RT: 24.763 min Scan# 3655
Delta R.T. 0.000 min
Lab File: BG061781.D
Acq: 28 Jun 2024 21:05

Tgt Ion:252 Resp: 94019
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 17.9 6.5 9.7#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.082 ng/ul

RT: 28.553 min Scan# 41

Delta R.T. -0.012 min

Lab File: BG061781.D

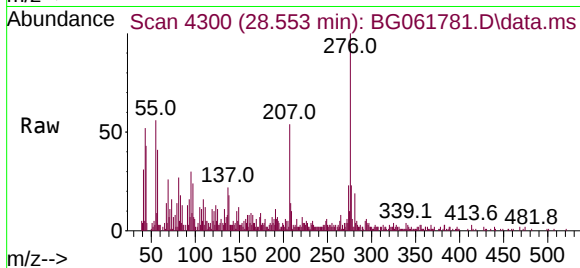
Acq: 28 Jun 2024 21:05

Instrument :

BNA_G

ClientSampleId :

A4CQ1



Tgt Ion:276 Resp: 29215

Ion Ratio Lower Upper

276 100

138 17.7 12.2 18.4

277 22.9 19.7 29.5

