

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061429.D
 Acq On : 3 Jun 2024 18:52
 Operator : MA/JU
 Sample : P2577-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBQ0

Quant Time: Jun 03 22:48:34 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

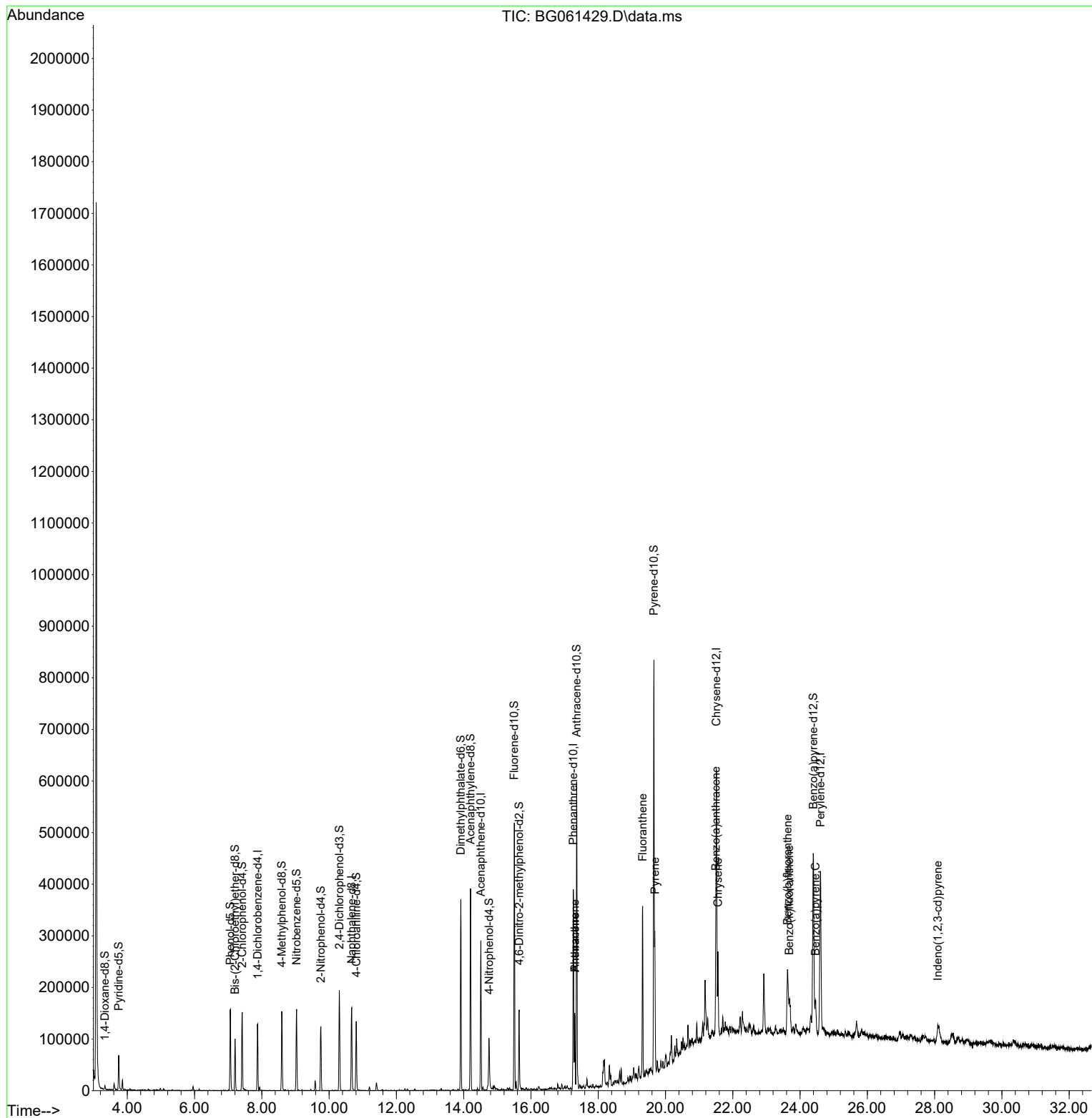
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	33166	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	128150	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	102778	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	251798	20.000	ng/ul	0.00
79) Chrysene-d12	21.513	240	273798	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	316565	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3561	6.009	ng/uL	0.00
4) Pyridine-d5	3.746	84	29247	13.872	ng/ul	0.00
7) Phenol-d5	7.065	99	74229	27.254	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	47280	27.618	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	61326	30.424	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	50794	21.871	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	31483	31.909	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	32560	28.197	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	69275	30.773	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	62382	21.181	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	237386	29.780	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	260747	31.464	ng/ul	0.00
54) 4-Nitrophenol-d4	14.756	143	25946	26.328	ng/ul	0.02
60) Fluorene-d10	15.503	176	216546	31.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	34954	22.952	ng/ul	0.01
73) Anthracene-d10	17.359	188	351109	31.629	ng/ul	0.00
81) Pyrene-d10	19.656	212	426081	30.308	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	371690	24.423	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	89955	7.361	ng/ul	97
74) Anthracene	17.306	178	90116	7.132	ng/ul	99
80) Fluoranthene	19.322	202	213296	12.647	ng/ul	99
82) Pyrene	19.686	202	172486	9.853	ng/ul	99
85) Benzo(a)anthracene	21.496	228	116975	6.192	ng/ul	94
87) Chrysene	21.560	228	113405	6.519	ng/ul	97
90) Benzo(b)fluoranthene	23.628	252	153482	8.143	ng/ul	99
91) Benzo(k)fluoranthene	23.681	252	54634	2.855	ng/ul	95
93) Benzo(a)pyrene	24.457	252	67530	3.773	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.094	276	26853	1.241	ng/ul	94

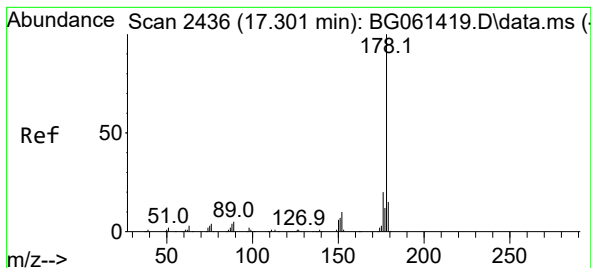
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 7.361 ng/u1

RT: 17.306 min Scan# 2436

Delta R.T. 0.007 min

Lab File: BG061429.D

Acq: 3 Jun 2024 18:52

Instrument :

BNA_G

ClientSampleId :

BHBQ0

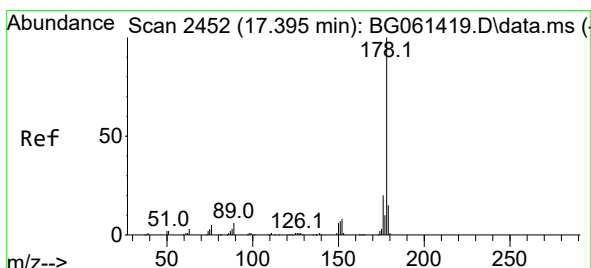
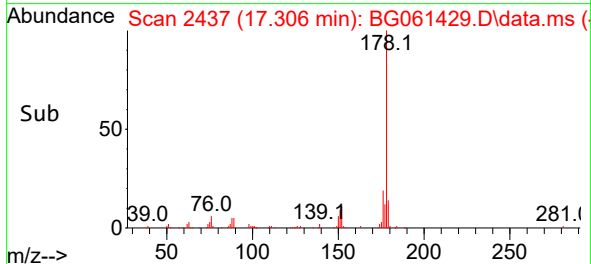
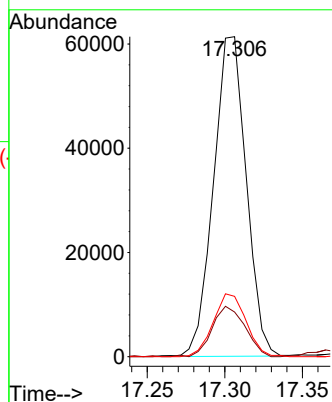
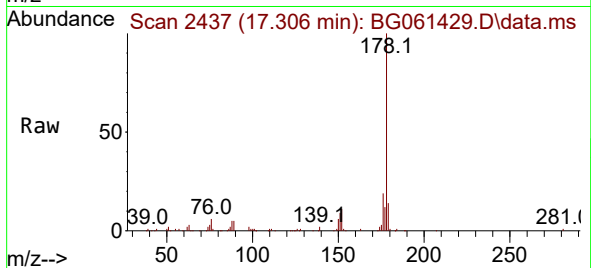
Tgt Ion:178 Resp: 89955

Ion Ratio Lower Upper

178 100

179 13.9 12.7 19.1

176 18.9 15.5 23.3



#74

Anthracene

Concen: 7.132 ng/u1

RT: 17.306 min Scan# 2437

Delta R.T. -0.087 min

Lab File: BG061429.D

Acq: 3 Jun 2024 18:52

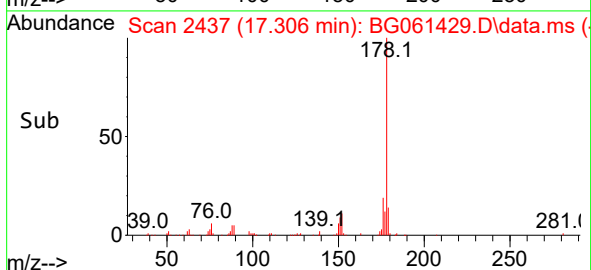
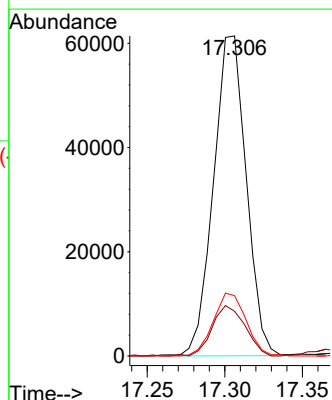
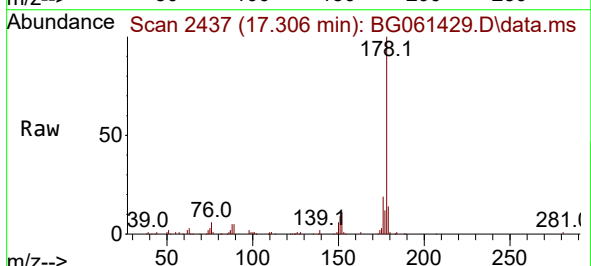
Tgt Ion:178 Resp: 90116

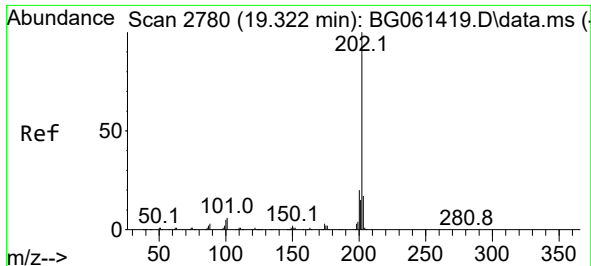
Ion Ratio Lower Upper

178 100

179 13.9 11.8 17.6

176 18.9 14.9 22.3

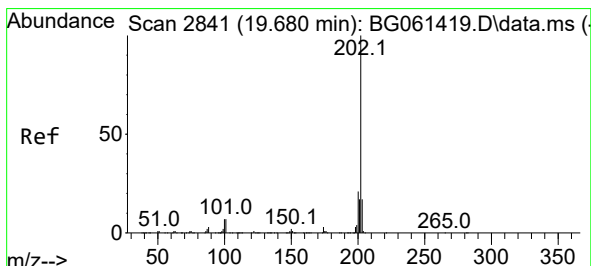
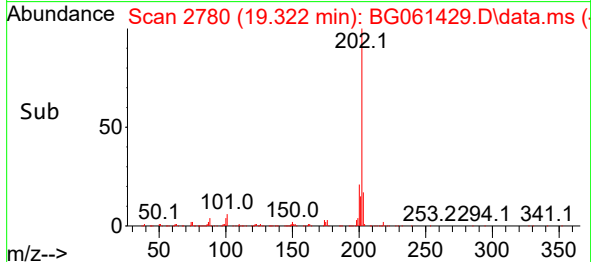
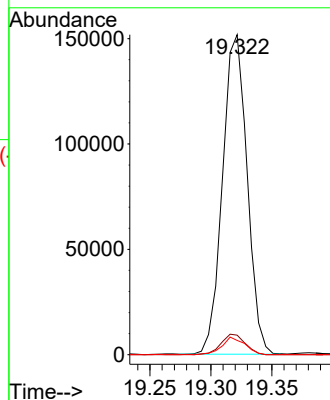
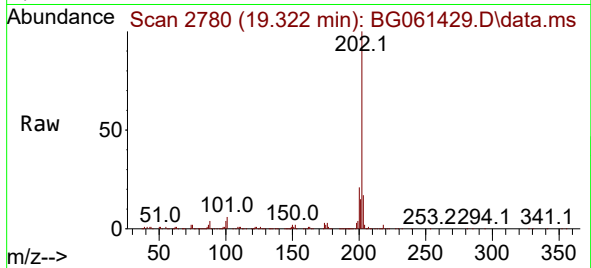




#80
 Fluoranthene
 Concen: 12.647 ng/ul
 RT: 19.322 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: BG061429.D
 Acq: 3 Jun 2024 18:52

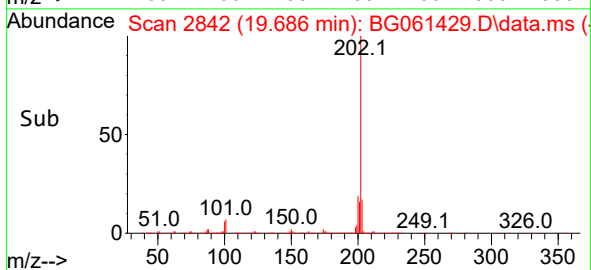
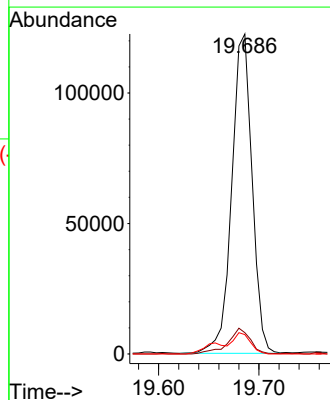
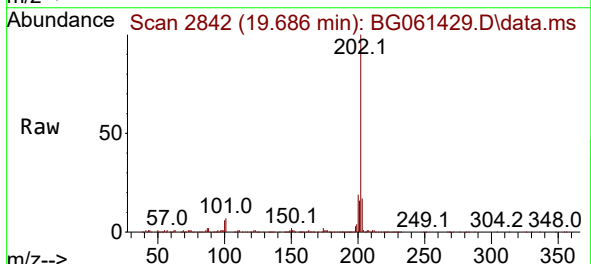
Instrument :
 BNA_G
 ClientSampleId :
 BHBQ0

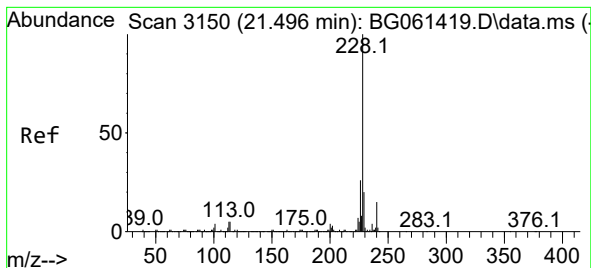
Tgt Ion:202 Resp: 213296
 Ion Ratio Lower Upper
 202 100
 101 6.1 4.8 7.2
 100 4.5 4.1 6.1



#82
 Pyrene
 Concen: 9.853 ng/ul
 RT: 19.686 min Scan# 2842
 Delta R.T. 0.007 min
 Lab File: BG061429.D
 Acq: 3 Jun 2024 18:52

Tgt Ion:202 Resp: 172486
 Ion Ratio Lower Upper
 202 100
 101 6.7 5.7 8.5
 100 6.0 5.1 7.7





#85

Benzo(a)anthracene

Concen: 6.192 ng/ul

RT: 21.496 min Scan# 3150

Delta R.T. 0.001 min

Lab File: BG061429.D

Acq: 3 Jun 2024 18:52

Instrument :

BNA_G

ClientSampleId :

BHBQ0

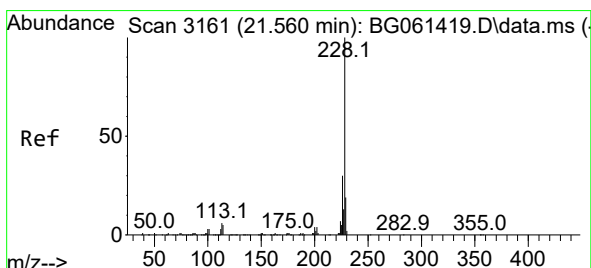
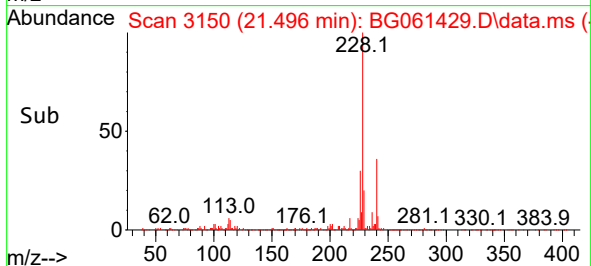
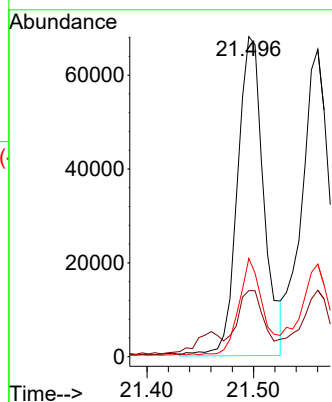
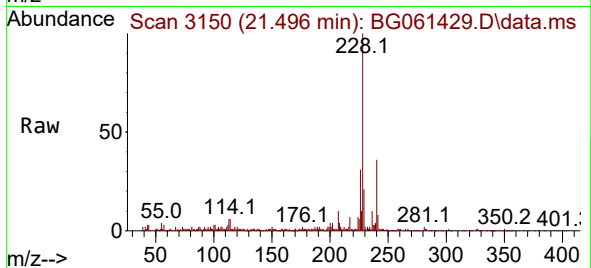
Tgt Ion:228 Resp: 116975

Ion Ratio Lower Upper

228 100

229 20.6 15.2 22.8

226 30.7 21.4 32.2



#87

Chrysene

Concen: 6.519 ng/ul

RT: 21.560 min Scan# 3161

Delta R.T. 0.007 min

Lab File: BG061429.D

Acq: 3 Jun 2024 18:52

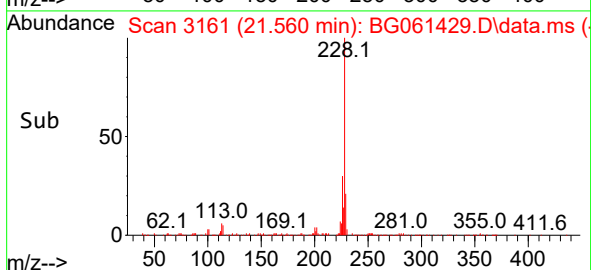
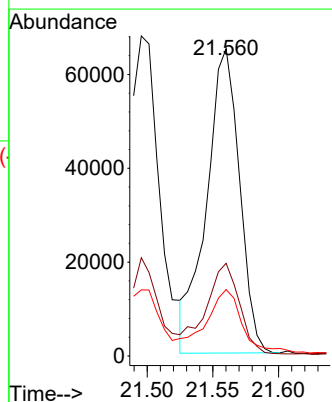
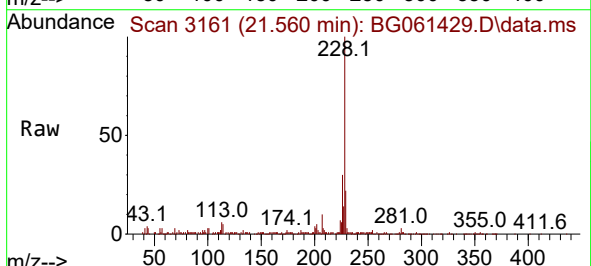
Tgt Ion:228 Resp: 113405

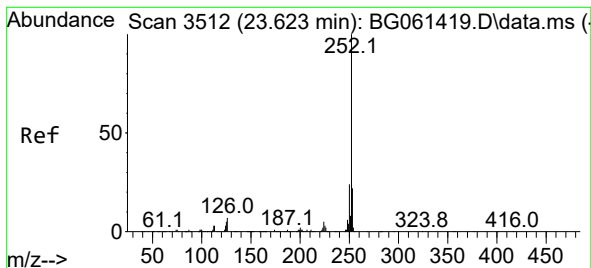
Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

229 21.6 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 8.143 ng/ul

RT: 23.628 min Scan# 3512

Delta R.T. 0.013 min

Lab File: BG061429.D

Acq: 3 Jun 2024 18:52

Instrument :

BNA_G

ClientSampleId :

BHBQ0

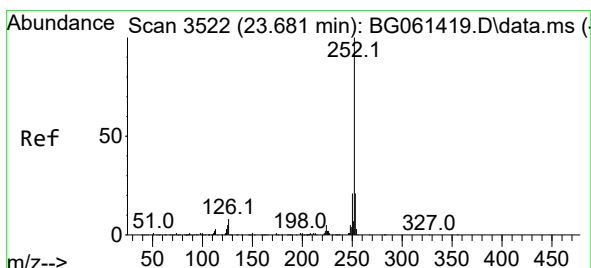
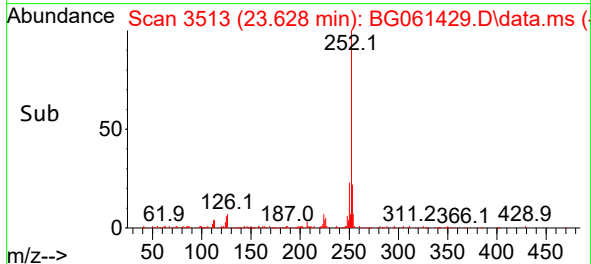
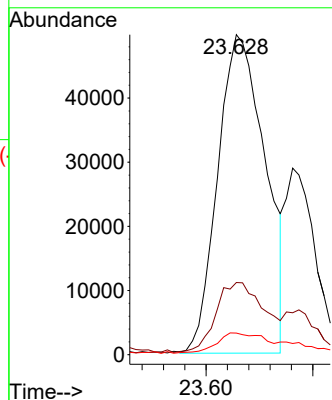
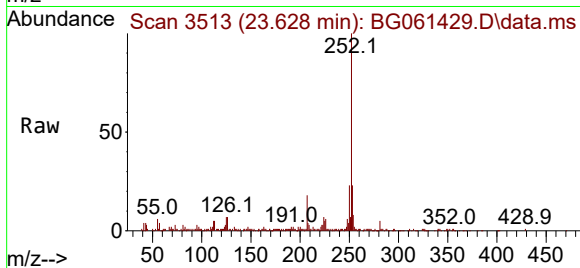
Tgt Ion:252 Resp: 153482

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 6.7 4.6 6.8



#91

Benzo(k)fluoranthene

Concen: 2.855 ng/ul

RT: 23.681 min Scan# 3522

Delta R.T. 0.001 min

Lab File: BG061429.D

Acq: 3 Jun 2024 18:52

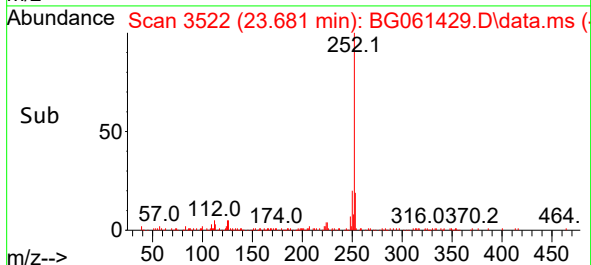
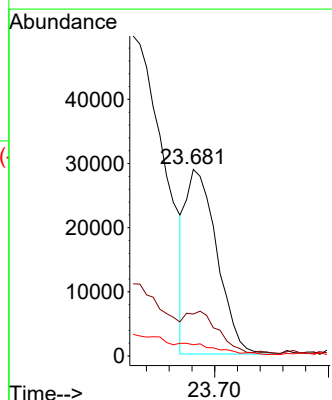
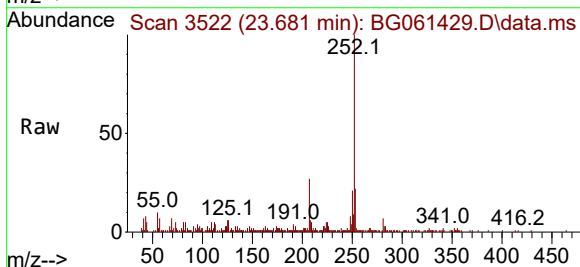
Tgt Ion:252 Resp: 54634

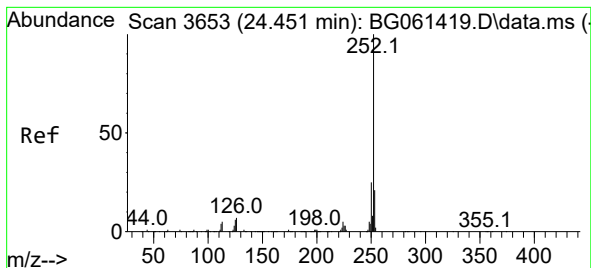
Ion Ratio Lower Upper

252 100

253 22.4 16.0 24.0

125 6.0 4.3 6.5





#93

Benzo(a)pyrene

Concen: 3.773 ng/u1

RT: 24.457 min Scan# 3

Delta R.T. 0.007 min

Lab File: BG061429.D

Acq: 3 Jun 2024 18:52

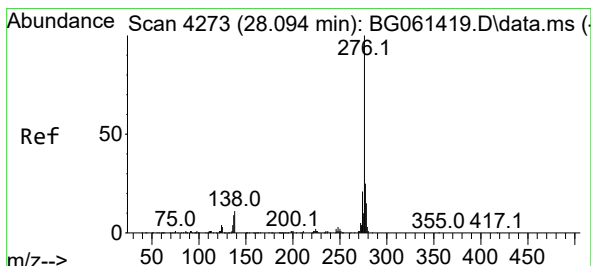
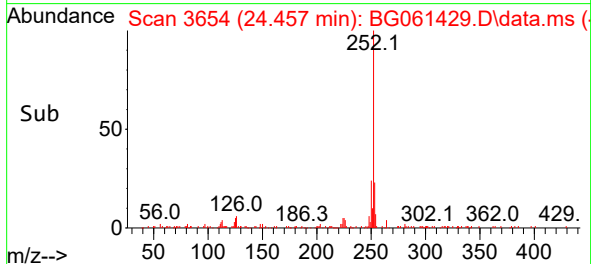
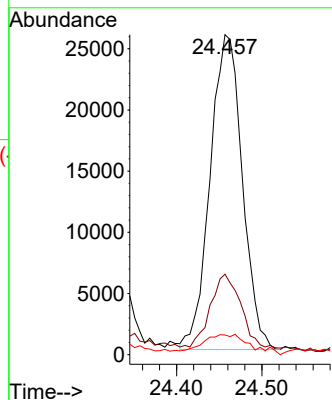
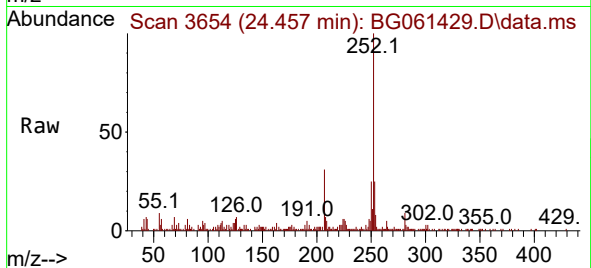
Instrument :

BNA_G

ClientSampleId :

BHBQ0

Tgt Ion:252 Resp: 67530
 Ion Ratio Lower Upper
 252 100
 253 25.1 16.4 24.6#
 125 6.1 4.3 6.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.241 ng/u1

RT: 28.094 min Scan# 4273

Delta R.T. 0.001 min

Lab File: BG061429.D

Acq: 3 Jun 2024 18:52

Tgt Ion:276 Resp: 26853
 Ion Ratio Lower Upper
 276 100
 138 12.4 8.6 13.0
 277 27.9 19.7 29.5

