

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061366.D
 Acq On : 30 May 2024 19:14
 Operator : MA/JU
 Sample : P2570-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6B0

Quant Time: May 30 22:56:56 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

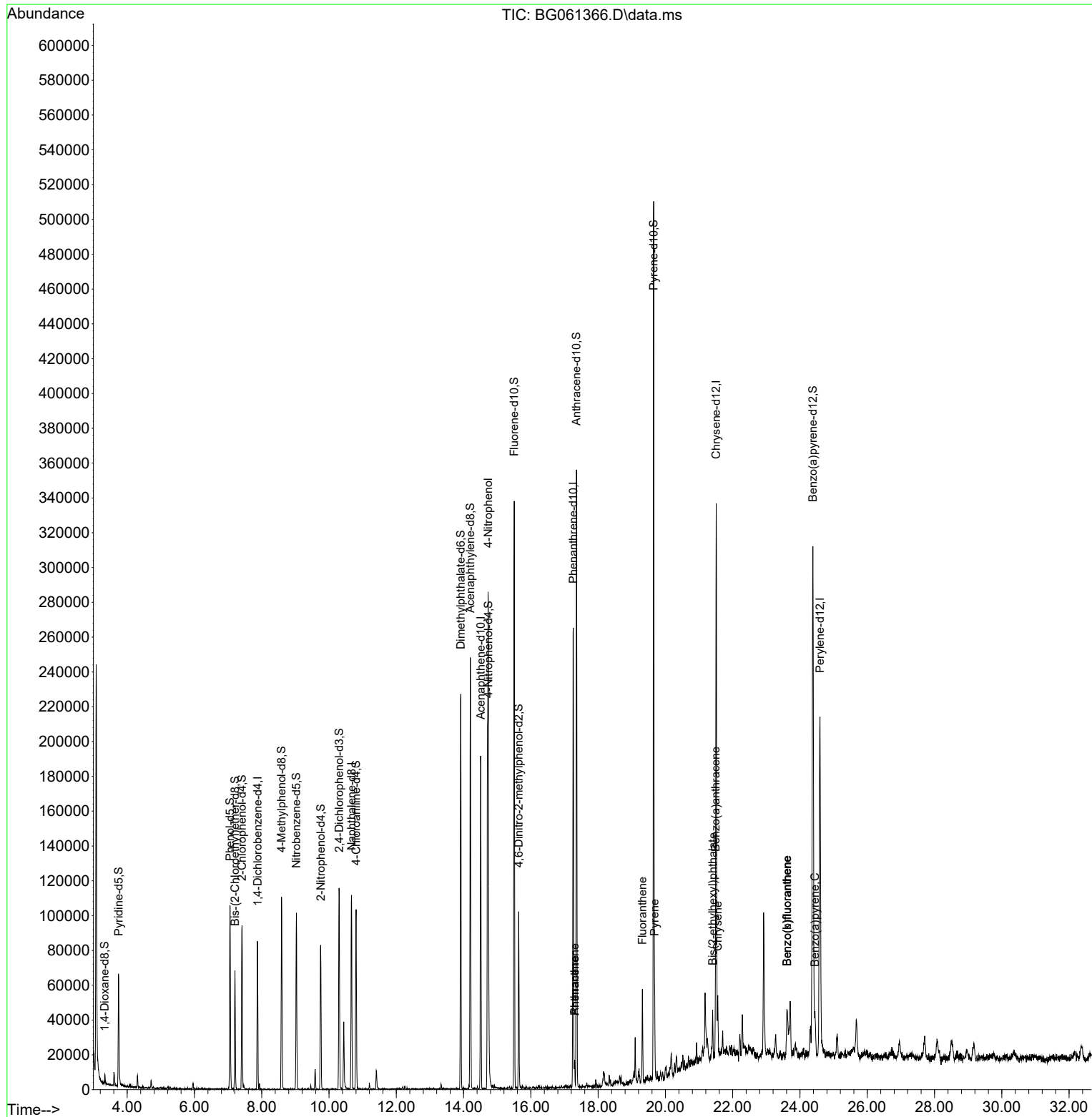
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	22576	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	86717	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	68516	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	173235	20.000	ng/ul	0.00
79) Chrysene-d12	21.508	240	177221	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264	198515	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	1179	2.923	ng/uL	0.00
4) Pyridine-d5	3.746	84	28904	20.140	ng/ul	0.00
7) Phenol-d5	7.054	99	48426	26.120	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	30657	26.308	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	39292	28.637	ng/ul	0.00
15) 4-Methylphenol-d8	8.588	113	37141	23.494	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	19648	29.428	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	22091	28.271	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	43936	28.842	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	48627	24.400	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	151039	28.423	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	167321	30.287	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	15738	23.955	ng/ul	0.00
60) Fluorene-d10	15.503	176	132489	28.878	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	22077	21.071	ng/ul	0.00
73) Anthracene-d10	17.354	188	218478	28.606	ng/ul	0.00
81) Pyrene-d10	19.651	212	282873	31.087	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.381	264	296386	31.055	ng/ul	0.00
Target Compounds						
					Qvalue	
55) 4-Nitrophenol	14.727	109	1607	2.080	ng/ul#	20
72) Phenanthrene	17.301	178	9940	1.182	ng/ul	97
74) Anthracene	17.301	178	9940	1.143	ng/ul	98
80) Fluoranthene	19.316	202	32631	2.989	ng/ul	98
82) Pyrene	19.675	202	33412	2.949	ng/ul	98
85) Benzo(a)anthracene	21.490	228	25111	2.054	ng/ul#	88
86) Bis(2-ethylhexyl)phtha...	21.402	149	10291	1.786	ng/ul#	90
87) Chrysene	21.555	228	23778	2.112	ng/ul#	95
90) Benzo(b)fluoranthene	23.617	252	21446	1.814	ng/ul	95
91) Benzo(k)fluoranthene	23.617	252	21446	1.787	ng/ul	98
93) Benzo(a)pyrene	24.446	252	24425	2.176	ng/ul	99

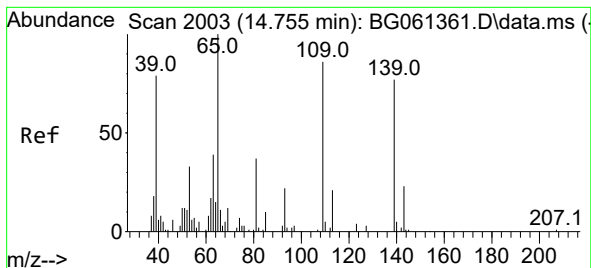
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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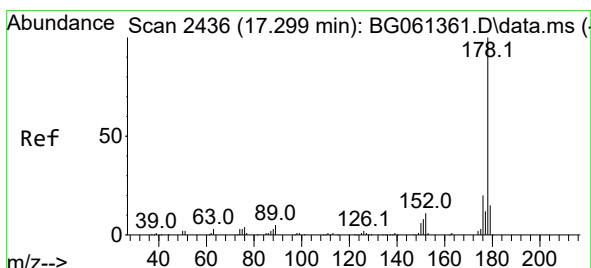
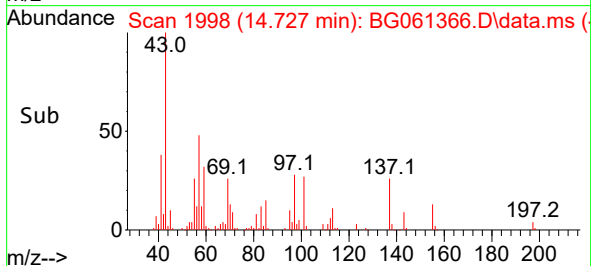
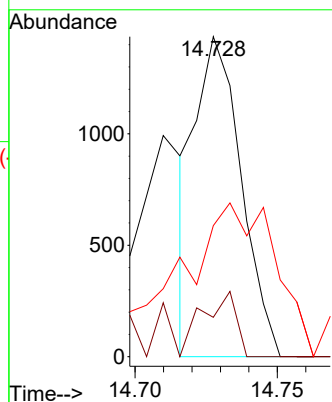
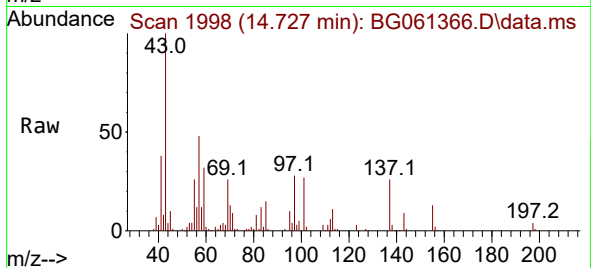




#55
4-Nitrophenol
Concen: 2.080 ng/ul
RT: 14.727 min Scan# 1998
Delta R.T. -0.028 min
Lab File: BG061366.D
Acq: 30 May 2024 19:14

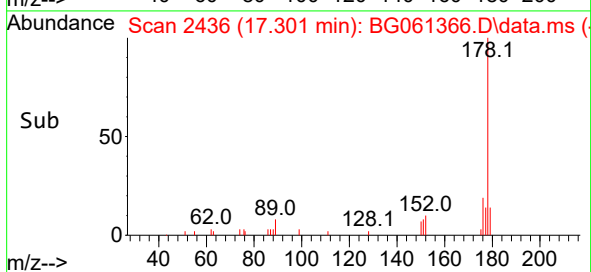
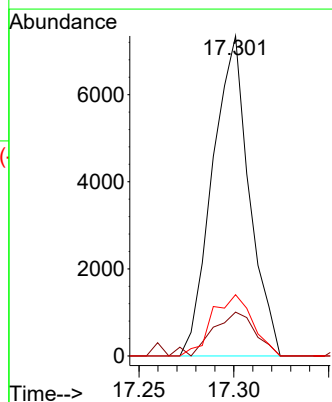
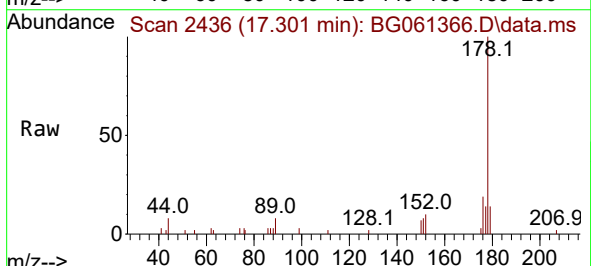
Instrument :
BNA_G
ClientSampleId :
BH6B0

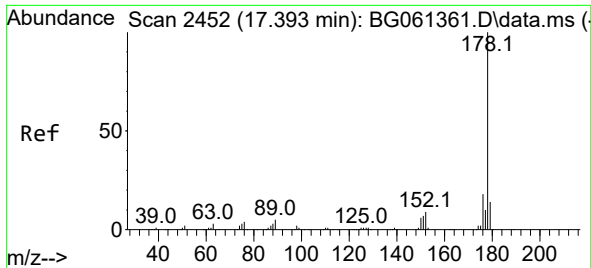
Tgt Ion:109 Resp: 1607
Ion Ratio Lower Upper
109 100
139 12.3 74.9 112.3#
65 40.9 104.0 156.0#



#72
Phenanthrene
Concen: 1.182 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG061366.D
Acq: 30 May 2024 19:14

Tgt Ion:178 Resp: 9940
Ion Ratio Lower Upper
178 100
179 13.7 12.7 19.1
176 19.2 15.5 23.3

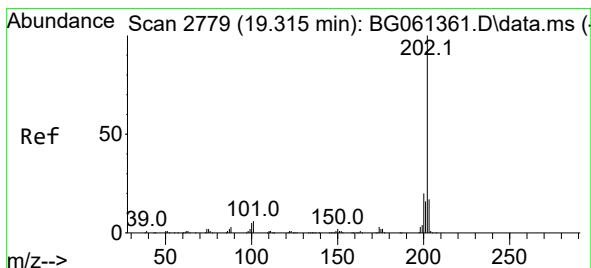
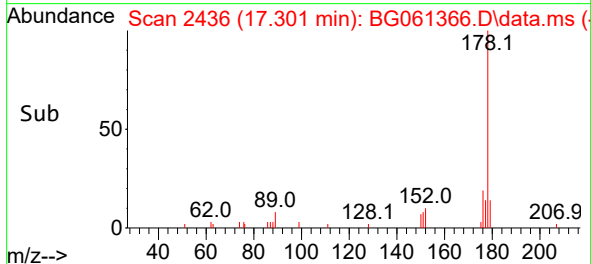
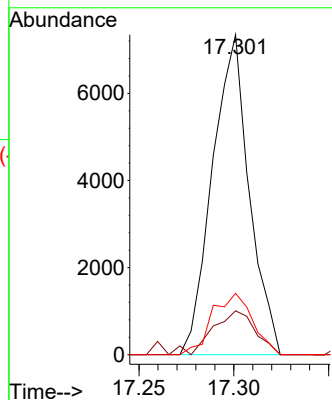
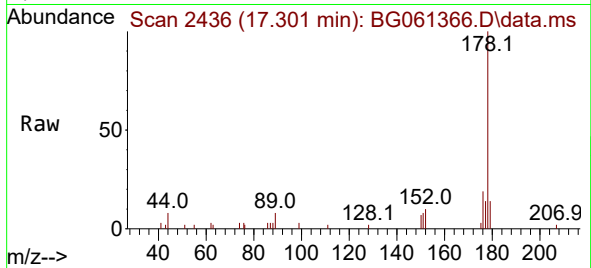




#74
 Anthracene
 Concen: 1.143 ng/ul
 RT: 17.301 min Scan# 2452
 Delta R.T. -0.092 min
 Lab File: BG061366.D
 Acq: 30 May 2024 19:14

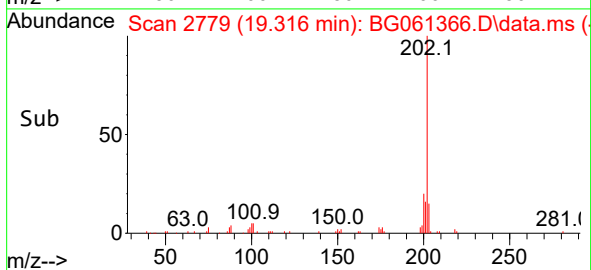
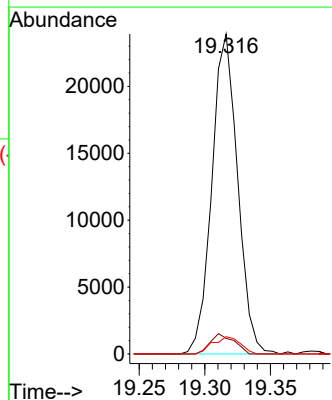
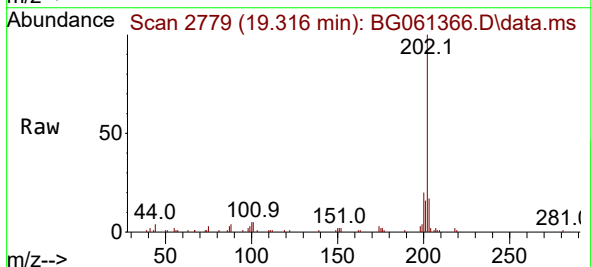
Instrument :
 BNA_G
 ClientSampleId :
 BH6B0

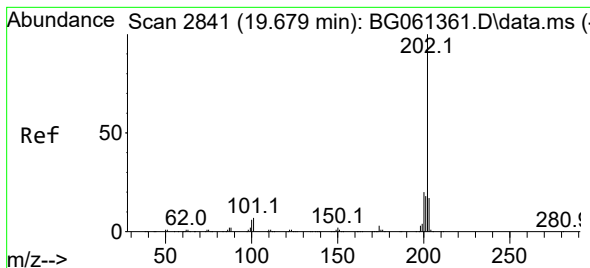
Tgt Ion:178 Resp: 9940
 Ion Ratio Lower Upper
 178 100
 179 13.7 11.8 17.6
 176 19.2 14.9 22.3



#80
 Fluoranthene
 Concen: 2.989 ng/ul
 RT: 19.316 min Scan# 2779
 Delta R.T. 0.002 min
 Lab File: BG061366.D
 Acq: 30 May 2024 19:14

Tgt Ion:202 Resp: 32631
 Ion Ratio Lower Upper
 202 100
 101 4.9 4.8 7.2
 100 5.4 4.1 6.1





#82

Pyrene

Concen: 2.949 ng/ul

RT: 19.675 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG061366.D

Acq: 30 May 2024 19:14

Instrument :

BNA_G

ClientSampleId :

BH6B0

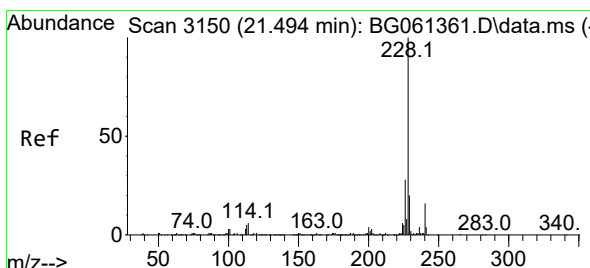
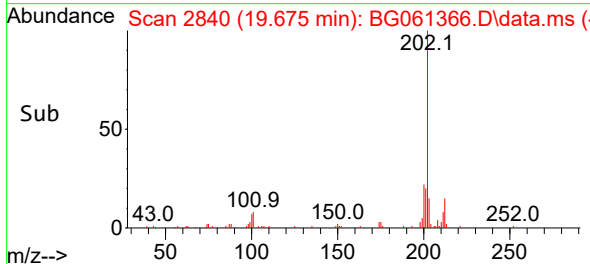
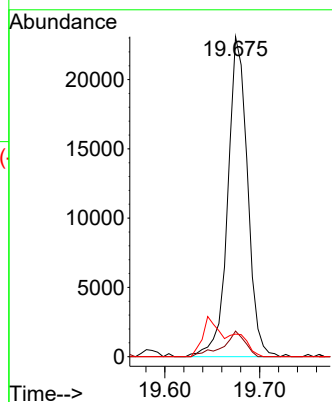
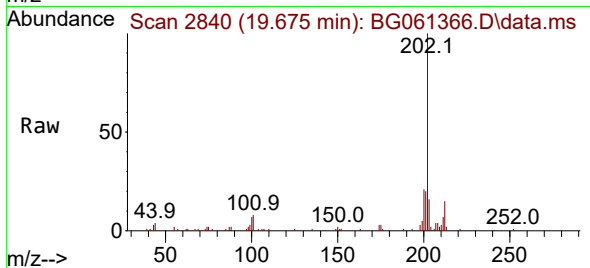
Tgt Ion:202 Resp: 33412

Ion Ratio Lower Upper

202 100

101 8.0 5.7 8.5

100 7.0 5.1 7.7



#85

Benzo(a)anthracene

Concen: 2.054 ng/ul

RT: 21.490 min Scan# 3149

Delta R.T. -0.004 min

Lab File: BG061366.D

Acq: 30 May 2024 19:14

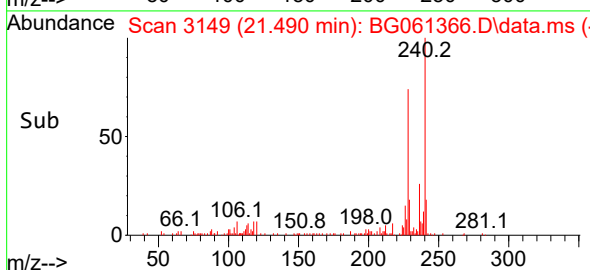
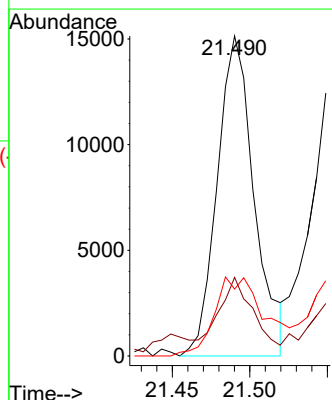
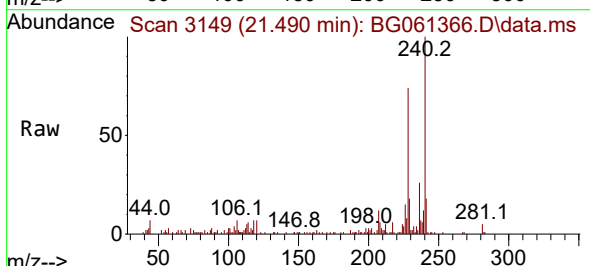
Tgt Ion:228 Resp: 25111

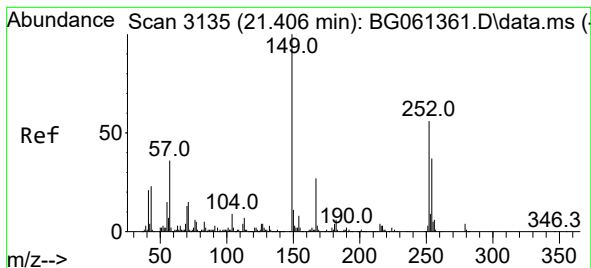
Ion Ratio Lower Upper

228 100

229 24.6 15.2 22.8#

226 20.9 21.4 32.2#





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.786 ng/ul

RT: 21.402 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BG061366.D

Acq: 30 May 2024 19:14

Instrument :

BNA_G

ClientSampleId :

BH6B0

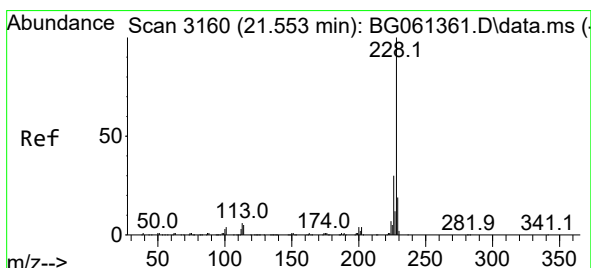
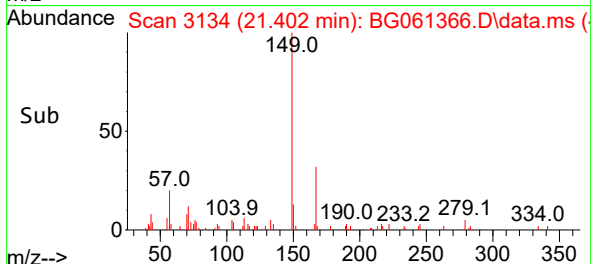
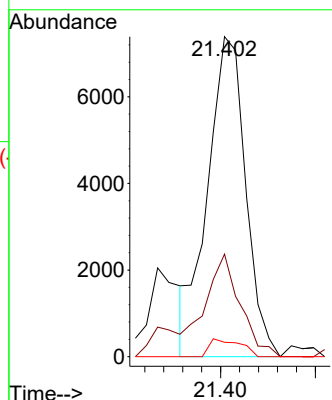
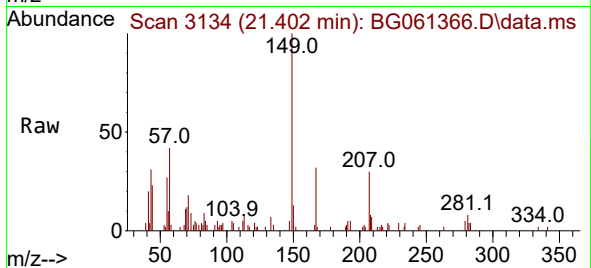
Tgt Ion:149 Resp: 10291

Ion Ratio Lower Upper

149 100

167 32.1 21.1 31.7#

279 4.5 3.3 4.9



#87

Chrysene

Concen: 2.112 ng/ul

RT: 21.555 min Scan# 3160

Delta R.T. 0.002 min

Lab File: BG061366.D

Acq: 30 May 2024 19:14

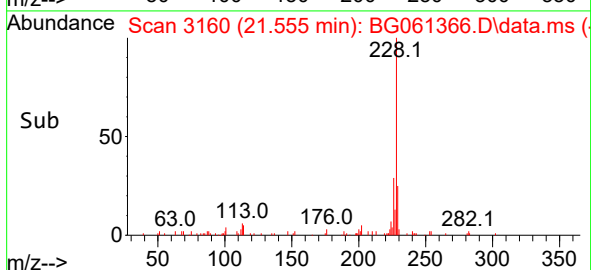
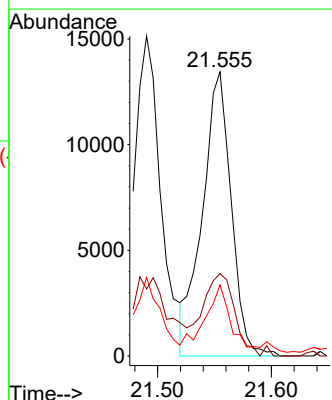
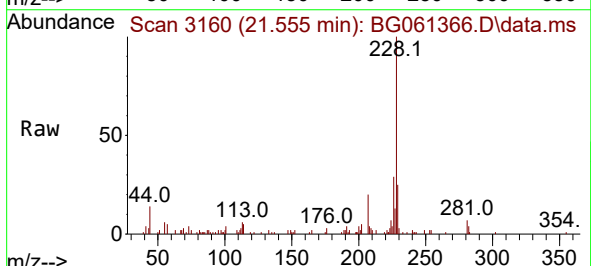
Tgt Ion:228 Resp: 23778

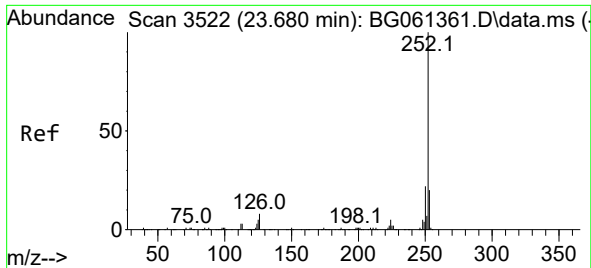
Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.0

229 25.0 15.4 23.2#

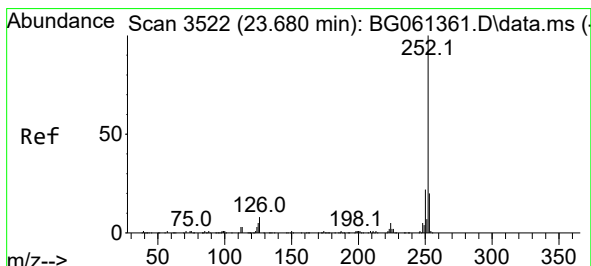
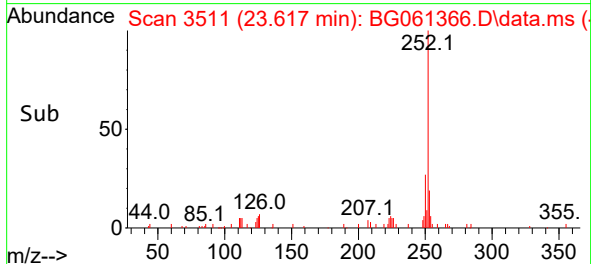
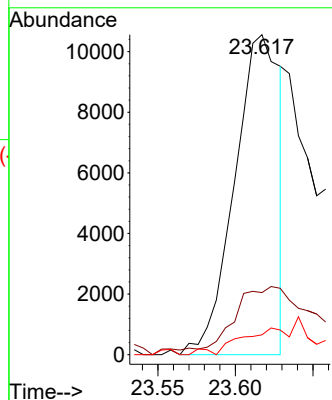
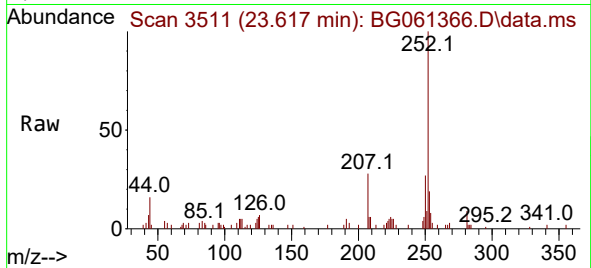




#90
Benzo(b)fluoranthene
Concen: 1.814 ng/ul
RT: 23.617 min Scan# 3511
Delta R.T. 0.002 min
Lab File: BG061366.D
Acq: 30 May 2024 19:14

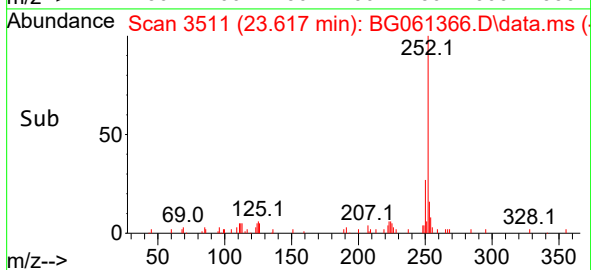
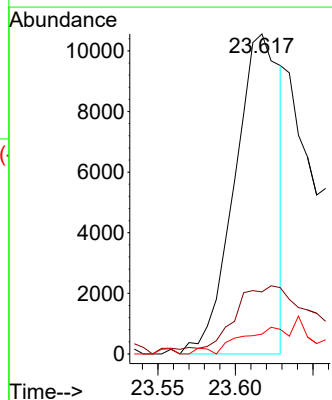
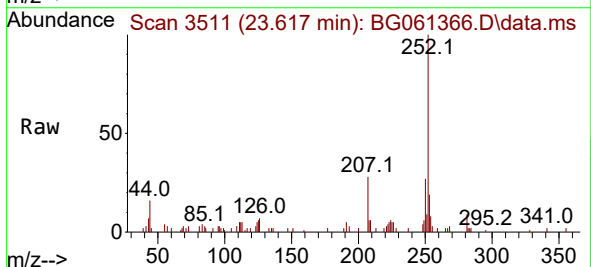
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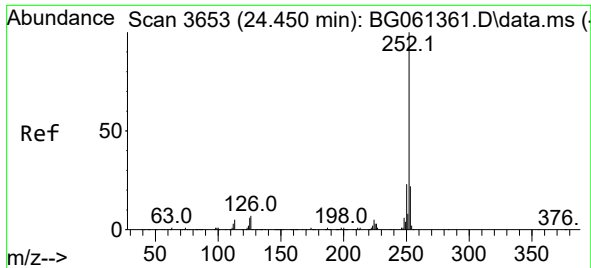
Tgt Ion:252 Resp: 21446
Ion Ratio Lower Upper
252 100
253 19.4 17.8 26.8
125 6.2 4.6 6.8



#91
Benzo(k)fluoranthene
Concen: 1.787 ng/ul
RT: 23.617 min Scan# 3511
Delta R.T. -0.063 min
Lab File: BG061366.D
Acq: 30 May 2024 19:14

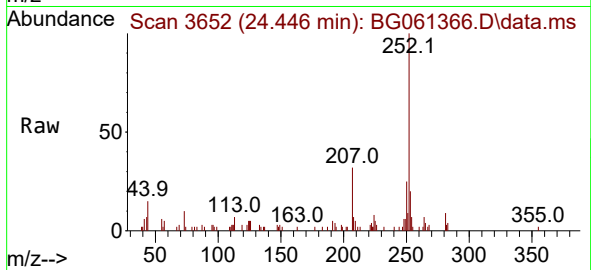
Tgt Ion:252 Resp: 21446
Ion Ratio Lower Upper
252 100
253 19.4 16.0 24.0
125 6.2 4.3 6.5





#93
 Benzo(a)pyrene
 Concen: 2.176 ng/ul
 RT: 24.446 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BG061366.D
 Acq: 30 May 2024 19:14

Instrument :
 BNA_G
 ClientSampleId :
 BH6B0



Tgt Ion:	252	Resp:	24425
Ion Ratio	Lower	Upper	
252	100		
253	19.9	16.4	24.6
125	4.9	4.3	6.5

