

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061288.D
 Acq On : 24 May 2024 15:11
 Operator : MA/JU
 Sample : P2548-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Y5

Quant Time: May 24 23:48:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

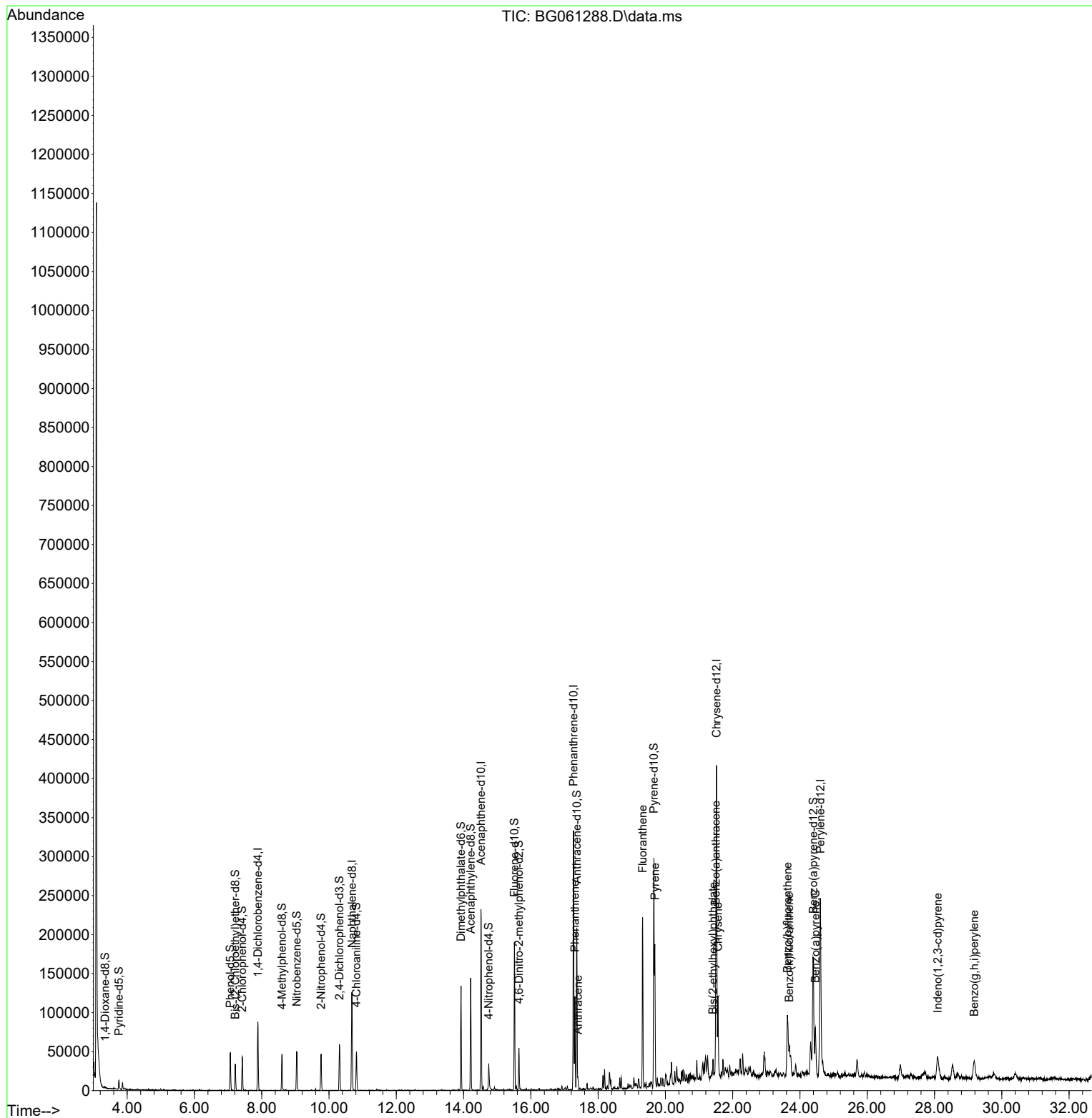
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	23059	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	98878	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.517	164	84697	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.267	188	205702	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	211164	20.000	ng/ul	0.00
88) Perylene-d12	24.605	264	237598	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	901	2.187	ng/uL	0.00
4) Pyridine-d5	3.753	84	4164	2.841	ng/ul	0.00
7) Phenol-d5	7.067	99	22297	11.775	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.214	67	14858	12.483	ng/ul	0.00
11) 2-Chlorophenol-d4	7.420	132	17700	12.630	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	16162	10.009	ng/ul	0.00
21) Nitrobenzene-d5	9.041	128	9859	12.950	ng/ul	0.00
24) 2-Nitrophenol-d4	9.764	143	11824	13.271	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	22562	12.989	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	23267	10.239	ng/ul	0.00
46) Dimethylphthalate-d6	13.924	166	85991	13.091	ng/ul	0.00
49) Acenaphthylene-d8	14.212	160	92491	13.543	ng/ul	0.00
54) 4-Nitrophenol-d4	14.746	143	7048	8.678	ng/ul	0.00
60) Fluorene-d10	15.510	176	78326	13.811	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	11435	9.191	ng/ul	0.00
73) Anthracene-d10	17.367	188	126226	13.919	ng/ul	0.00
81) Pyrene-d10	19.658	212	146272	13.491	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.394	264	155826	13.642	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.308	178	72087	7.220	ng/ul	98
74) Anthracene	17.402	178	10594	1.026	ng/ul	95
80) Fluoranthene	19.323	202	140993	10.840	ng/ul	99
82) Pyrene	19.688	202	123790	9.169	ng/ul	99
85) Benzo(a)anthracene	21.497	228	71560	4.911	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.415	149	7624	1.111	ng/ul	98
87) Chrysene	21.562	228	73900	5.508	ng/ul#	92
90) Benzo(b)fluoranthene	23.630	252	93143	6.584	ng/ul	98
91) Benzo(k)fluoranthene	23.683	252	30199	2.103	ng/ul#	98
93) Benzo(a)pyrene	24.459	252	64594	4.809	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.096	276	46697	2.875	ng/ul#	93
96) Benzo(g,h,i)perylene	29.182	276	21621	1.673	ng/ul	95

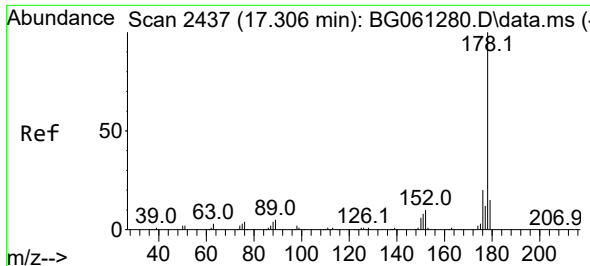
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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Quant Time: May 24 23:48:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

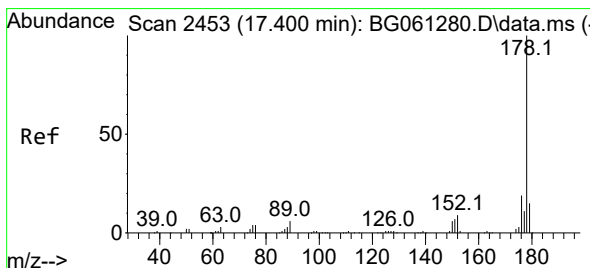
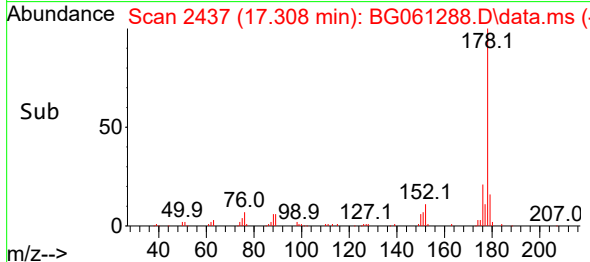
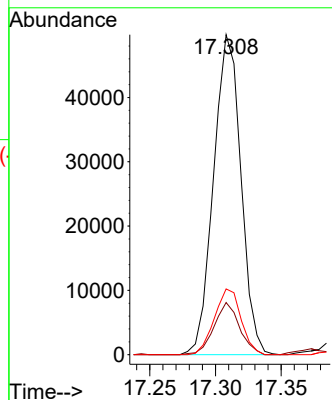
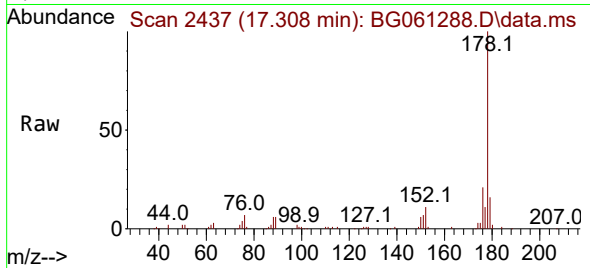




#72
Phenanthrene
Concen: 7.220 ng/ul
RT: 17.308 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BG061288.D
Acq: 24 May 2024 15:11

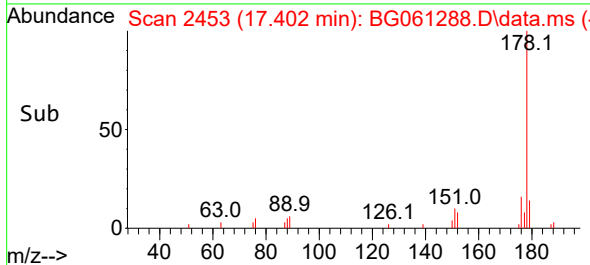
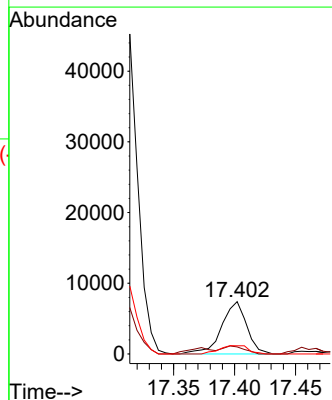
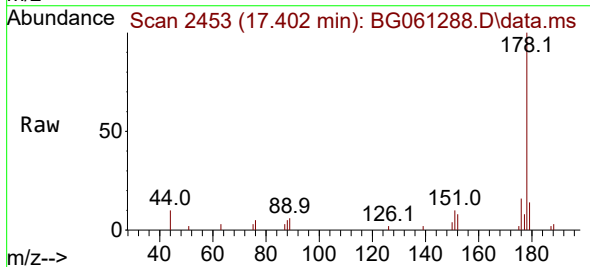
Instrument :
BNA_G
ClientSampleId :
BH5Y5

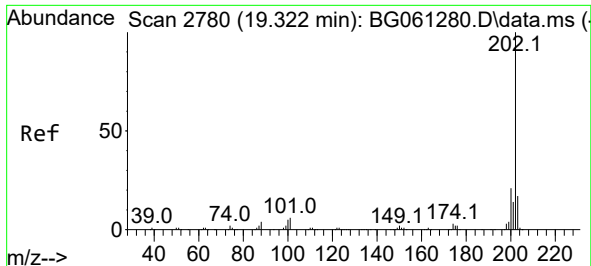
Tgt Ion:178 Resp: 72087
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 20.6 15.5 23.3



#74
Anthracene
Concen: 1.026 ng/ul
RT: 17.402 min Scan# 2453
Delta R.T. 0.001 min
Lab File: BG061288.D
Acq: 24 May 2024 15:11

Tgt Ion:178 Resp: 10594
Ion Ratio Lower Upper
178 100
179 13.5 11.8 17.6
176 15.5 14.9 22.3

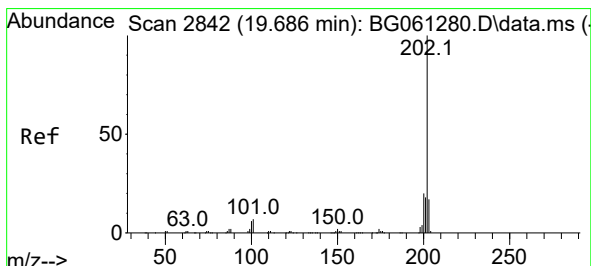
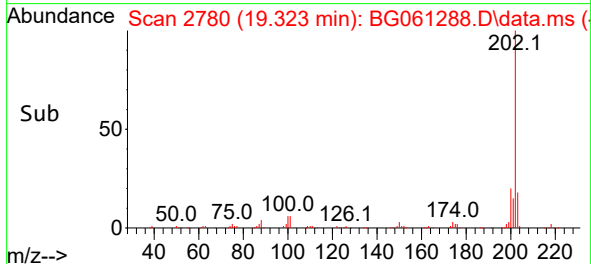
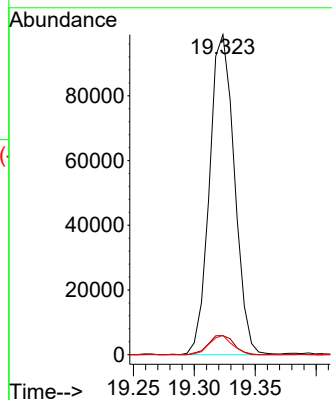
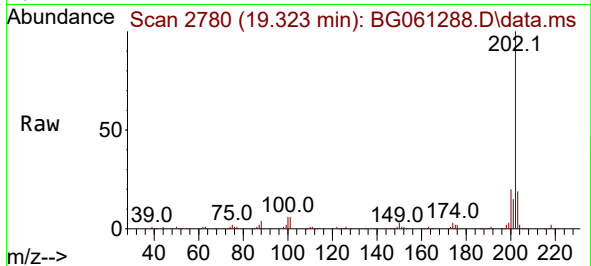




#80
Fluoranthene
Concen: 10.840 ng/ul
RT: 19.323 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG061288.D
Acq: 24 May 2024 15:11

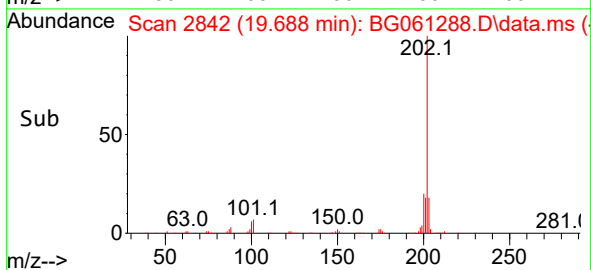
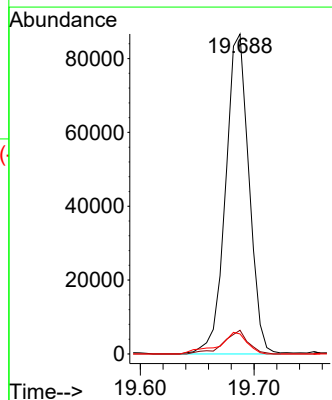
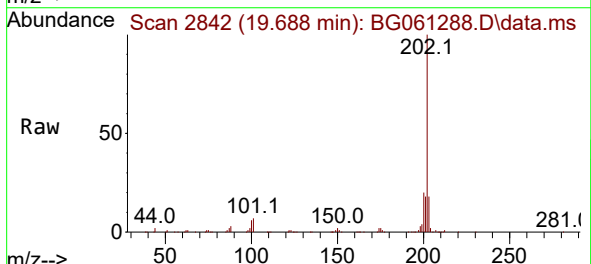
Instrument :
BNA_G
ClientSampleId :
BH5Y5

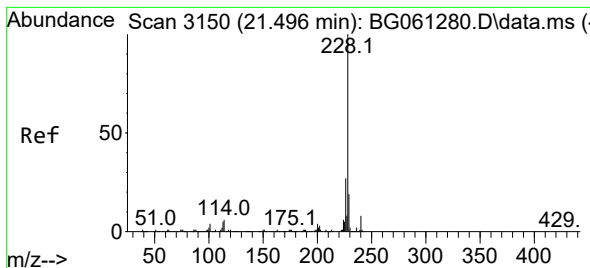
Tgt Ion:202 Resp: 140993
Ion Ratio Lower Upper
202 100
101 5.9 4.8 7.2
100 6.0 4.1 6.1



#82
Pyrene
Concen: 9.169 ng/ul
RT: 19.688 min Scan# 2842
Delta R.T. 0.001 min
Lab File: BG061288.D
Acq: 24 May 2024 15:11

Tgt Ion:202 Resp: 123790
Ion Ratio Lower Upper
202 100
101 7.4 5.7 8.5
100 6.3 5.1 7.7





#85

Benzo(a)anthracene

Concen: 4.911 ng/ul

RT: 21.497 min Scan# 3150

Delta R.T. -0.005 min

Lab File: BG061288.D

Acq: 24 May 2024 15:11

Instrument :

BNA_G

ClientSampleId :

BH5Y5

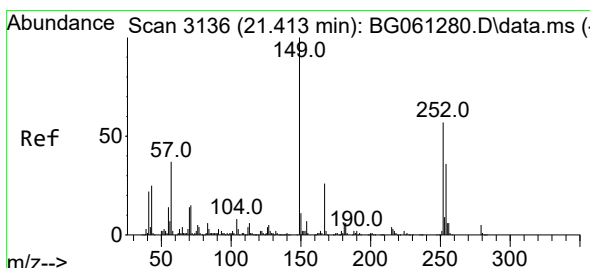
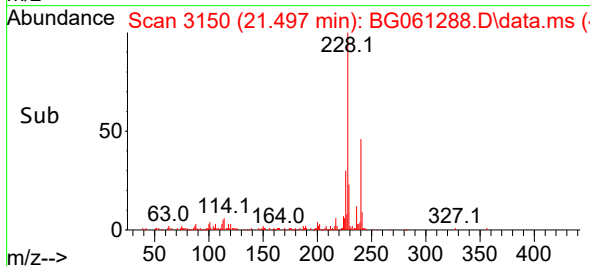
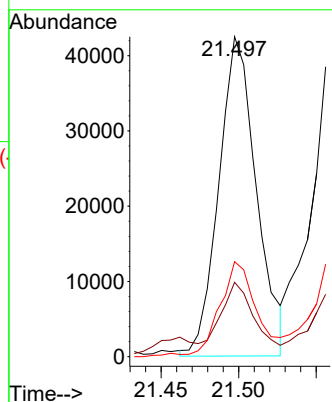
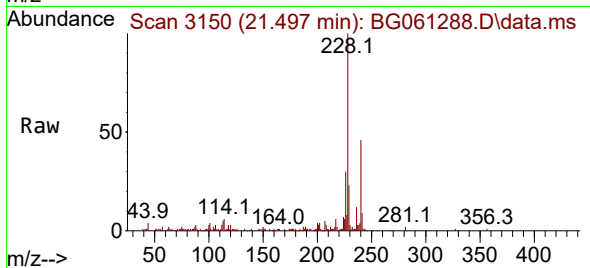
Tgt Ion:228 Resp: 71560

Ion Ratio Lower Upper

228 100

229 23.2 15.2 22.8#

226 29.7 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.111 ng/ul

RT: 21.415 min Scan# 3136

Delta R.T. 0.001 min

Lab File: BG061288.D

Acq: 24 May 2024 15:11

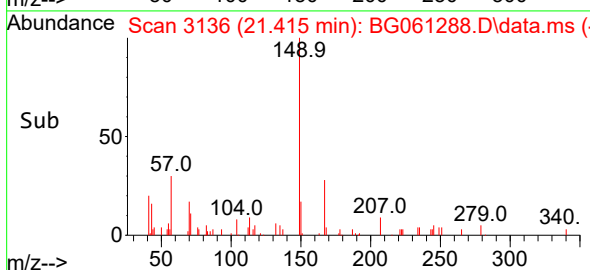
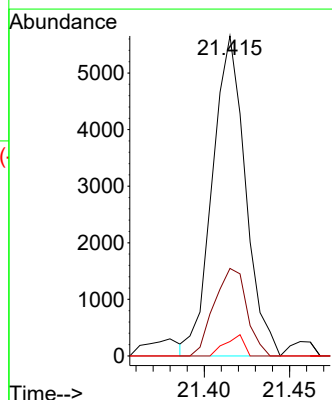
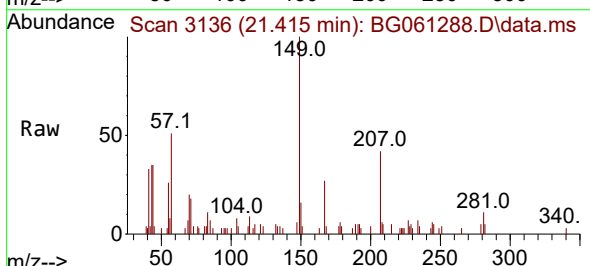
Tgt Ion:149 Resp: 7624

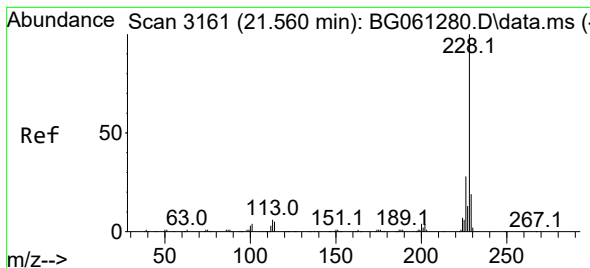
Ion Ratio Lower Upper

149 100

167 27.3 21.1 31.7

279 4.5 3.3 4.9





#87

Chrysene

Concen: 5.508 ng/ul

RT: 21.562 min Scan# 3161

Delta R.T. -0.005 min

Lab File: BG061288.D

Acq: 24 May 2024 15:11

Instrument :

BNA_G

ClientSampleId :

BH5Y5

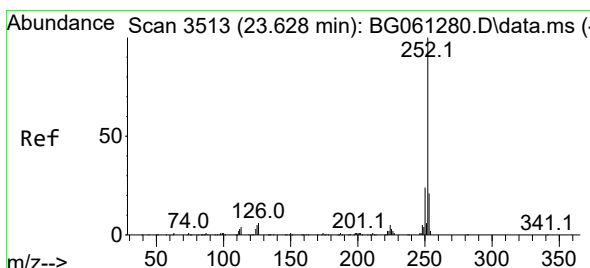
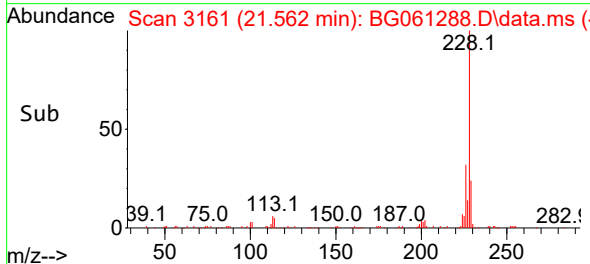
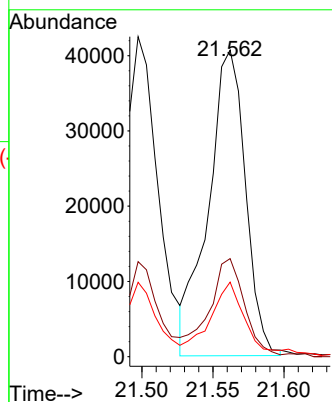
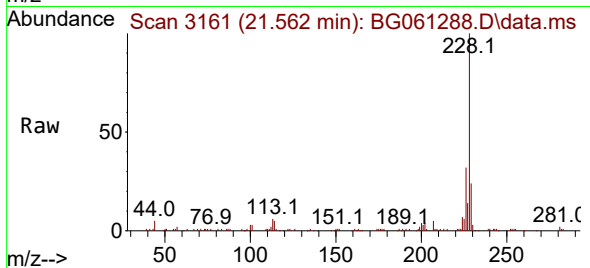
Tgt Ion:228 Resp: 73900

Ion Ratio Lower Upper

228 100

226 32.0 23.4 35.0

229 24.3 15.4 23.2#



#90

Benzo(b)fluoranthene

Concen: 6.584 ng/ul

RT: 23.630 min Scan# 3513

Delta R.T. 0.001 min

Lab File: BG061288.D

Acq: 24 May 2024 15:11

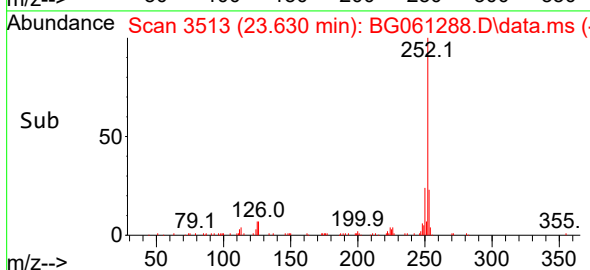
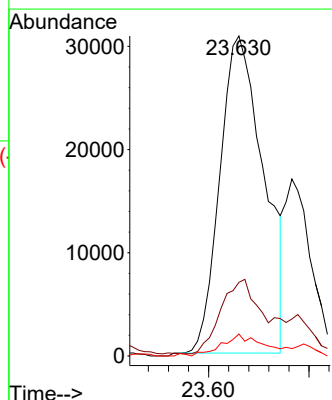
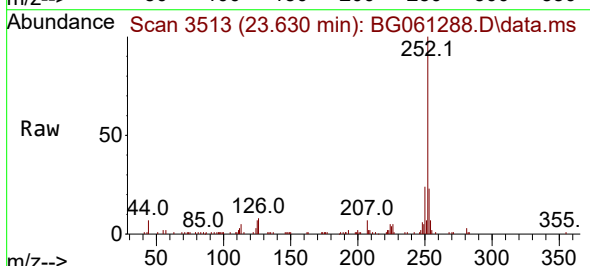
Tgt Ion:252 Resp: 93143

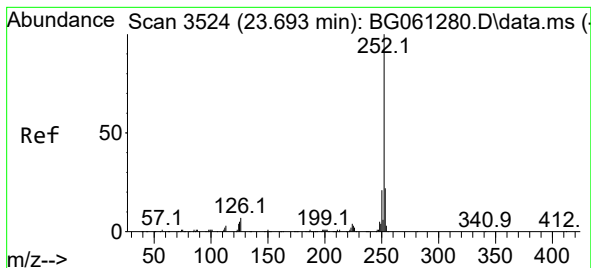
Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 6.8 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 2.103 ng/ul

RT: 23.683 min Scan# 3

Delta R.T. -0.011 min

Lab File: BG061288.D

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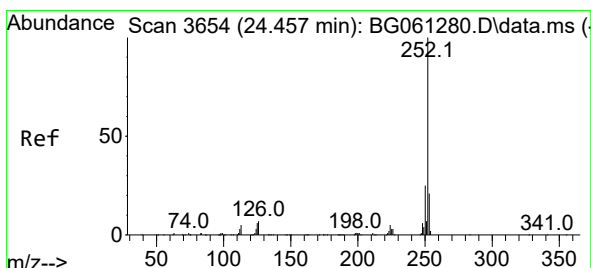
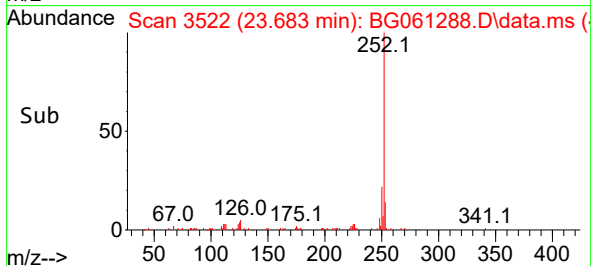
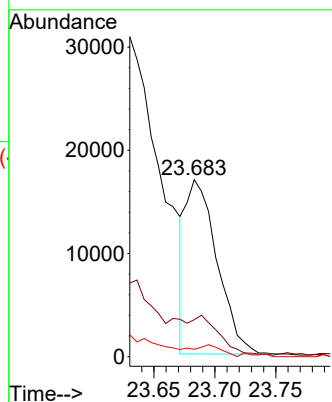
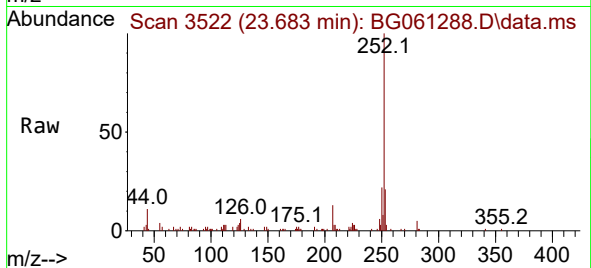
Tgt Ion:252 Resp: 30199

Ion Ratio Lower Upper

252 100

253 20.9 16.0 24.0

125 4.2 4.3 6.5#



#93

Benzo(a)pyrene

Concen: 4.809 ng/ul

RT: 24.459 min Scan# 3654

Delta R.T. -0.005 min

Lab File: BG061288.D

Acq: 24 May 2024 15:11

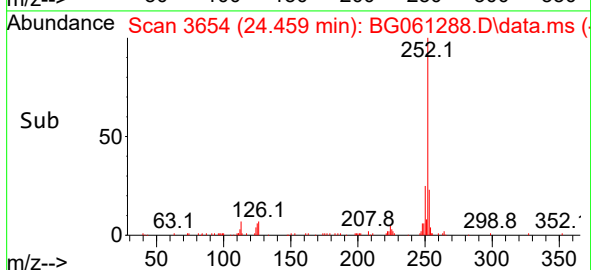
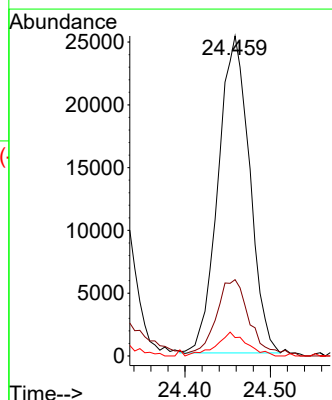
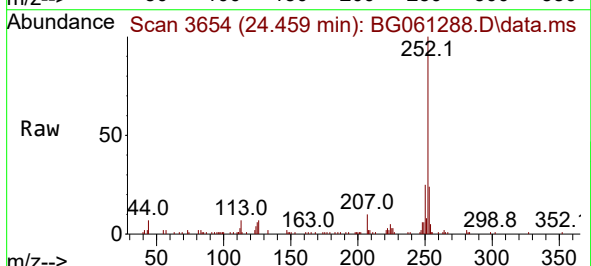
Tgt Ion:252 Resp: 64594

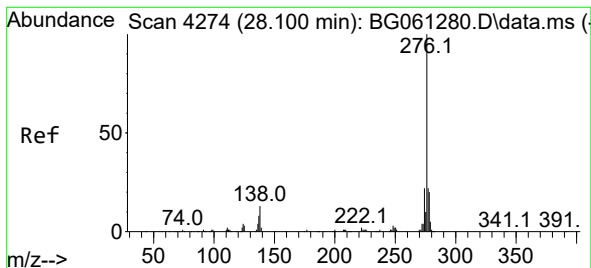
Ion Ratio Lower Upper

252 100

253 23.8 16.4 24.6

125 5.8 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.875 ng/ul

RT: 28.096 min Scan# 41

Delta R.T. -0.011 min

Lab File: BG061288.D

Acq: 24 May 2024 15:11

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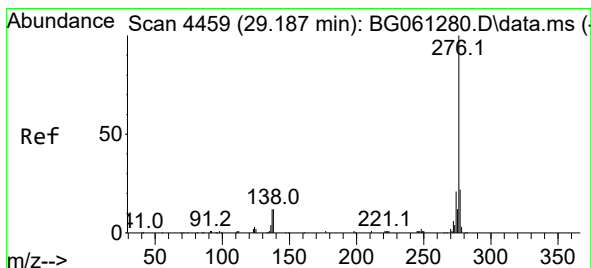
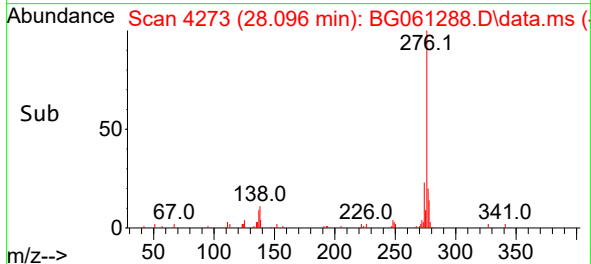
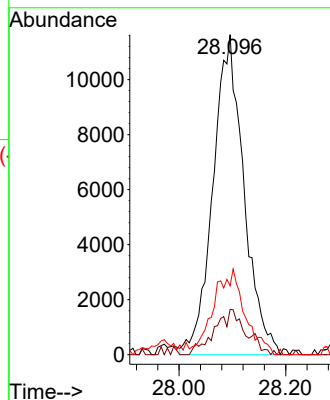
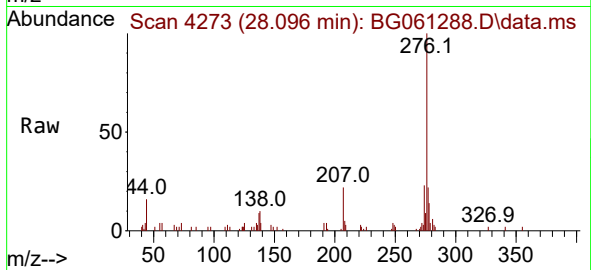
Tgt Ion:276 Resp: 46697

Ion Ratio Lower Upper

276 100

138 14.1 8.6 13.0#

277 21.5 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 1.673 ng/ul

RT: 29.182 min Scan# 4458

Delta R.T. -0.011 min

Lab File: BG061288.D

Acq: 24 May 2024 15:11

Tgt Ion:276 Resp: 21621

Ion Ratio Lower Upper

276 100

138 12.7 8.7 13.1

277 20.1 18.2 27.2

