

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061334.D
 Acq On : 29 May 2024 18:44
 Operator : MA/JU
 Sample : P2571-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH662

Quant Time: May 29 23:56:28 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

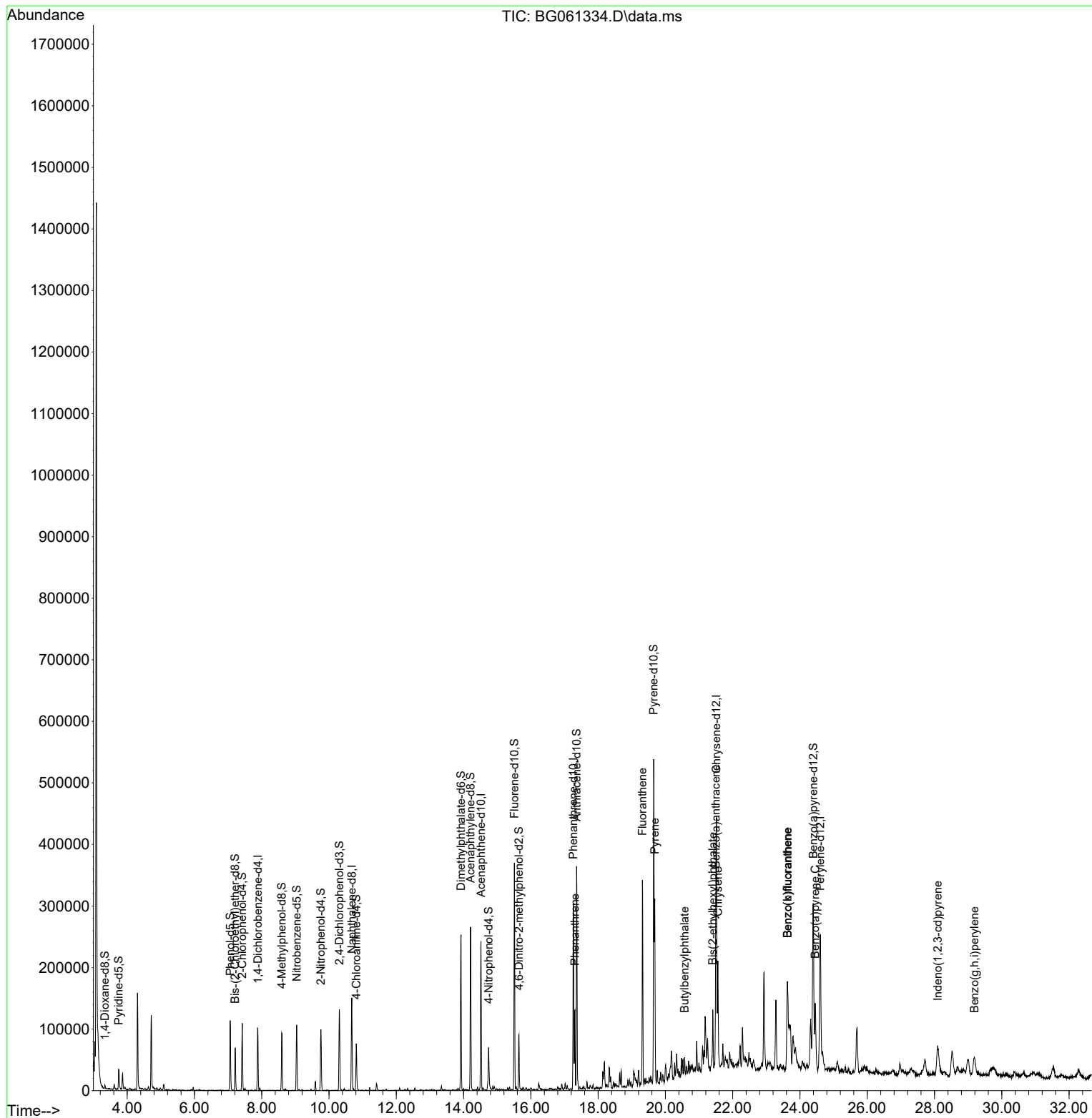
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	26475	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	115345	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.518	164	86870	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	194398	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	200985	20.000	ng/ul	0.00
88) Perylene-d12	24.600	264	228034	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	1996	4.219	ng/uL	0.00
4) Pyridine-d5	3.748	84	14445	8.583	ng/ul	0.00
7) Phenol-d5	7.062	99	51700	23.779	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.209	67	32963	24.121	ng/ul	0.00
11) 2-Chlorophenol-d4	7.420	132	41568	25.834	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	31923	17.220	ng/ul	0.00
21) Nitrobenzene-d5	9.042	128	21409	24.107	ng/ul	0.00
24) 2-Nitrophenol-d4	9.759	143	25133	24.181	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.311	165	49034	24.199	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	35850	13.524	ng/ul	0.00
46) Dimethylphthalate-d6	13.924	166	164231	24.376	ng/ul	0.00
49) Acenaphthylene-d8	14.206	160	178678	25.509	ng/ul	0.00
54) 4-Nitrophenol-d4	14.747	143	14167	17.008	ng/ul	0.00
60) Fluorene-d10	15.511	176	146133	25.122	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	20737	17.637	ng/ul	0.00
73) Anthracene-d10	17.362	188	215561	25.152	ng/ul	0.00
81) Pyrene-d10	19.653	212	267308	25.903	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.395	264	283367	25.848	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.309	178	78577	8.328	ng/ul	95
80) Fluoranthene	19.318	202	212408	17.158	ng/ul	99
82) Pyrene	19.682	202	193446	15.054	ng/ul	99
83) Butylbenzylphthalate	20.570	149	7869	1.783	ng/ul	95
85) Benzo(a)anthracene	21.498	228	109083	7.866	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	33493	5.126	ng/ul#	99
87) Chrysene	21.563	228	128960	10.099	ng/ul	96
90) Benzo(b)fluoranthene	23.631	252	173129	12.752	ng/ul	100
91) Benzo(k)fluoranthene	23.631	252	173129	12.561	ng/ul	96
93) Benzo(a)pyrene	24.453	252	110239	8.551	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.096	276	73548	4.717	ng/ul#	95
96) Benzo(g,h,i)perylene	29.189	276	37950	3.060	ng/ul	100

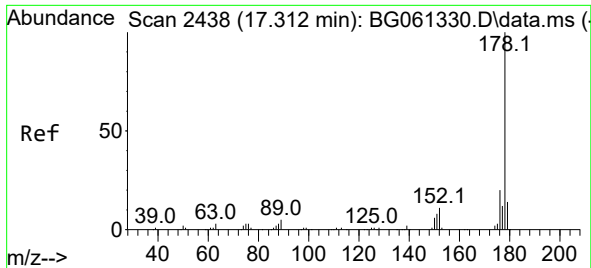
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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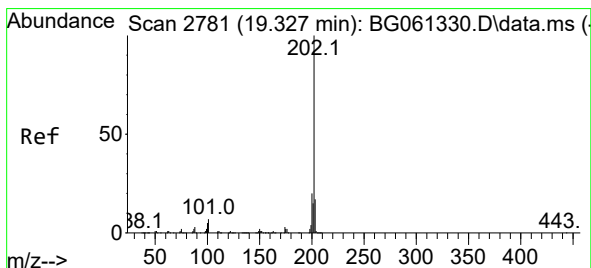
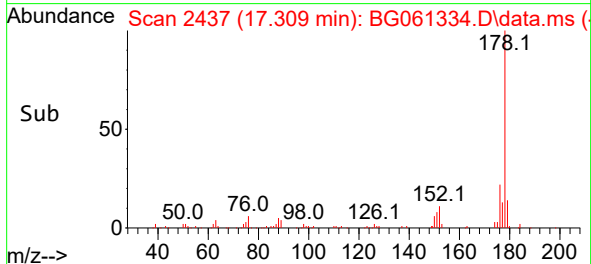
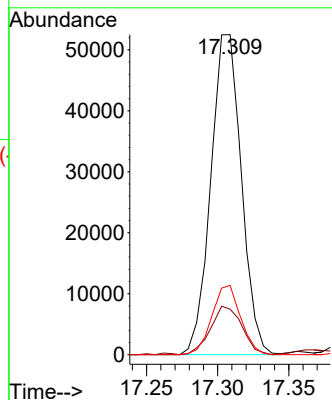
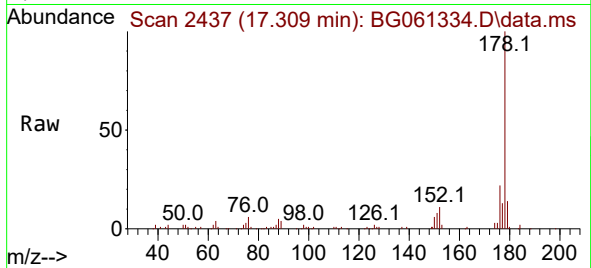




#72
 Phenanthrene
 Concen: 8.328 ng/ul
 RT: 17.309 min Scan# 2438
 Delta R.T. -0.004 min
 Lab File: BG061334.D
 Acq: 29 May 2024 18:44

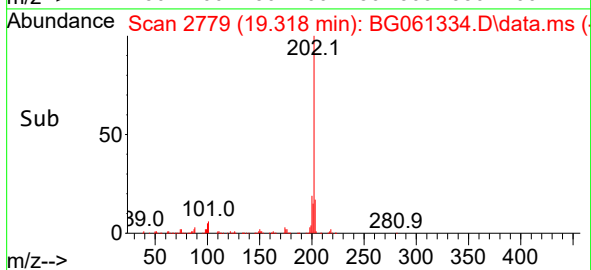
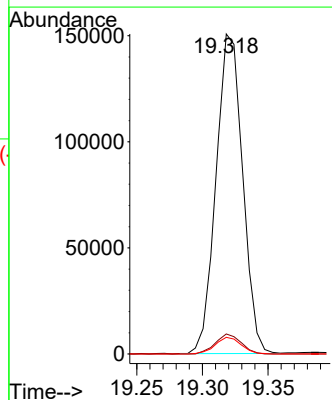
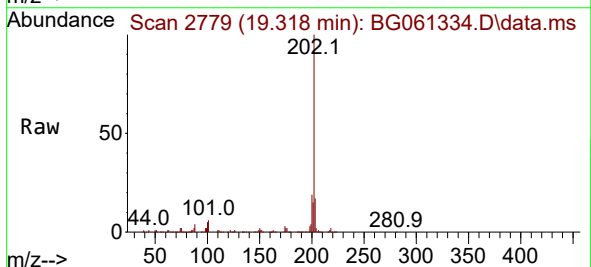
Instrument :
 BNA_G
 ClientSampleId :
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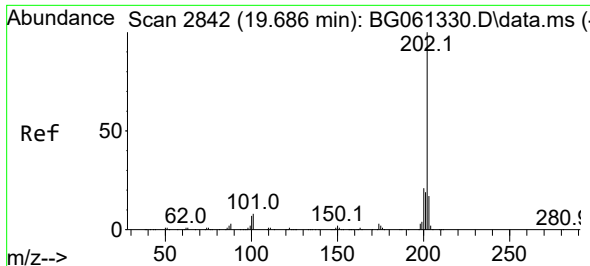
Tgt Ion:178 Resp: 78577
 Ion Ratio Lower Upper
 178 100
 179 14.2 12.7 19.1
 176 21.7 15.5 23.3



#80
 Fluoranthene
 Concen: 17.158 ng/ul
 RT: 19.318 min Scan# 2779
 Delta R.T. -0.010 min
 Lab File: BG061334.D
 Acq: 29 May 2024 18:44

Tgt Ion:202 Resp: 212408
 Ion Ratio Lower Upper
 202 100
 101 6.2 4.8 7.2
 100 5.2 4.1 6.1

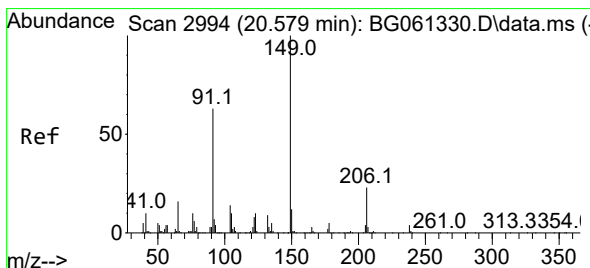
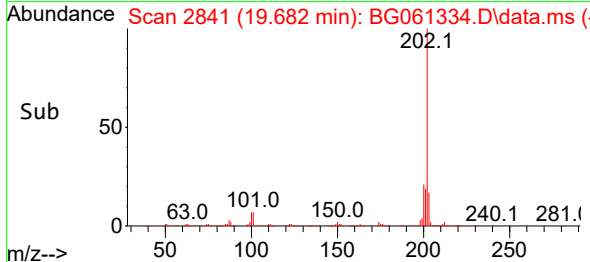
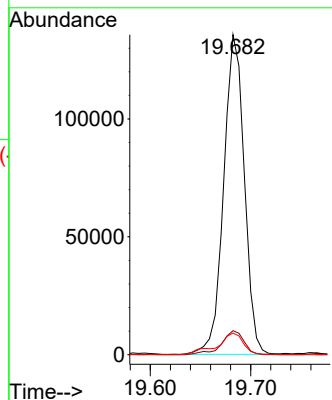
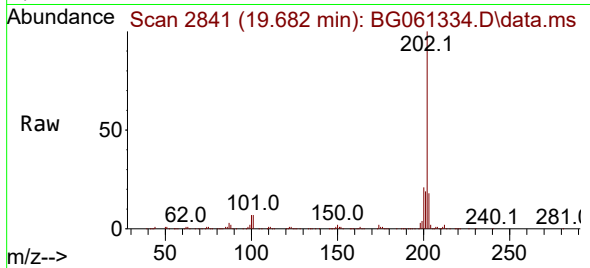




#82
Pyrene
Concen: 15.054 ng/ul
RT: 19.682 min Scan# 2841
Delta R.T. -0.004 min
Lab File: BG061334.D
Acq: 29 May 2024 18:44

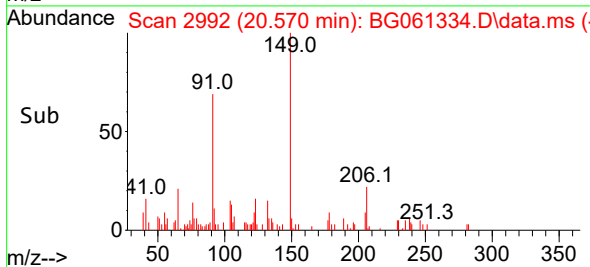
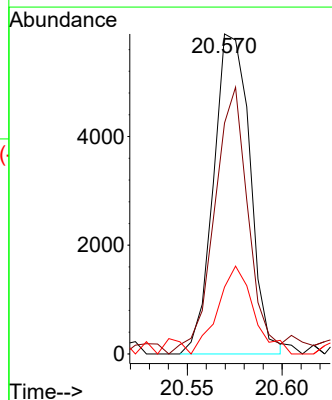
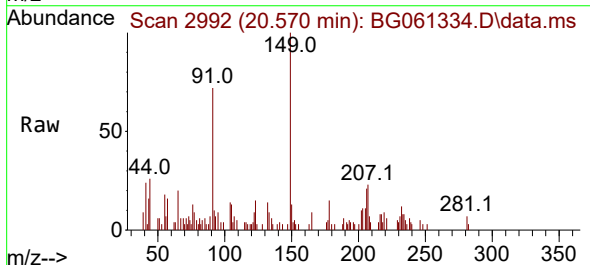
Instrument :
BNA_G
ClientSampleId :
BH662

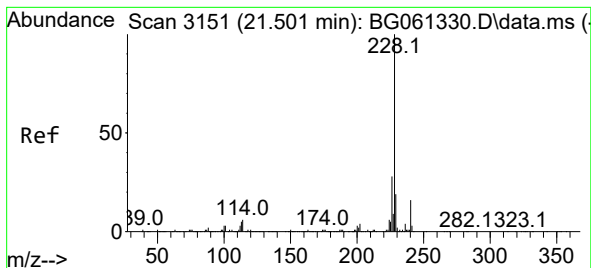
Tgt Ion:202 Resp: 193446
Ion Ratio Lower Upper
202 100
101 7.5 5.7 8.5
100 6.7 5.1 7.7



#83
Butylbenzylphthalate
Concen: 1.783 ng/ul
RT: 20.570 min Scan# 2992
Delta R.T. -0.010 min
Lab File: BG061334.D
Acq: 29 May 2024 18:44

Tgt Ion:149 Resp: 7869
Ion Ratio Lower Upper
149 100
91 72.2 54.8 82.2
206 20.9 19.4 29.0





#85

Benzo(a)anthracene

Concen: 7.866 ng/ul

RT: 21.498 min Scan# 3151

Delta R.T. -0.004 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

Instrument :

BNA_G

ClientSampleId :

BH662

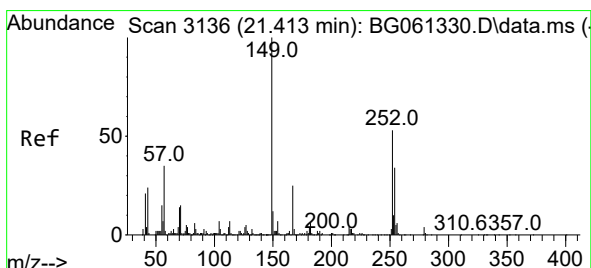
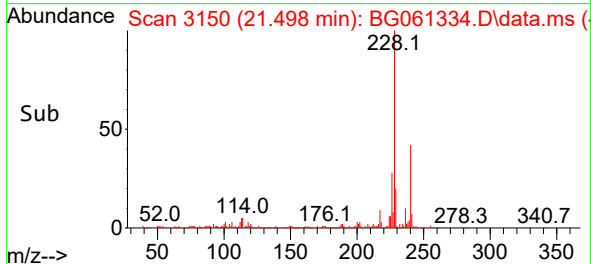
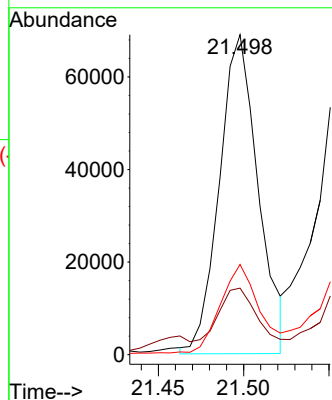
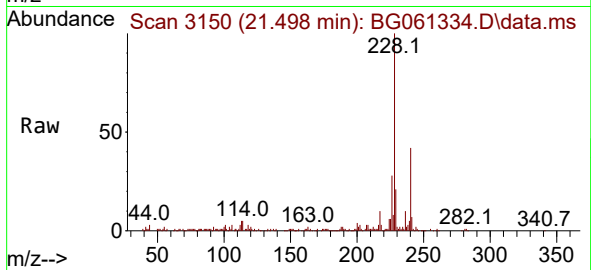
Tgt Ion:228 Resp: 109083

Ion Ratio Lower Upper

228 100

229 20.8 15.2 22.8

226 28.2 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 5.126 ng/ul

RT: 21.410 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

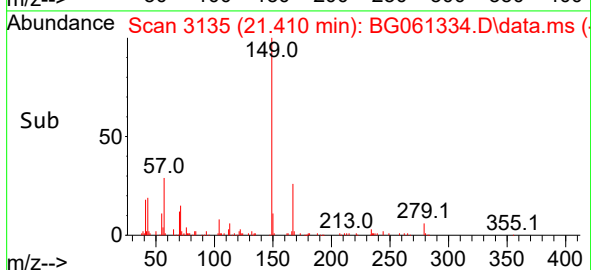
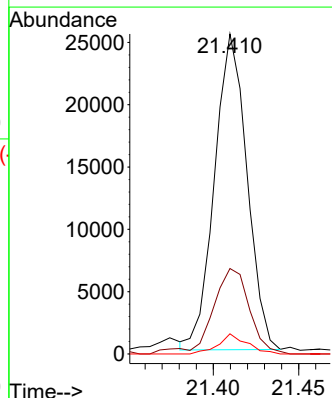
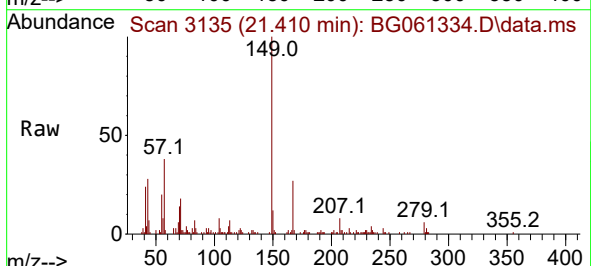
Tgt Ion:149 Resp: 33493

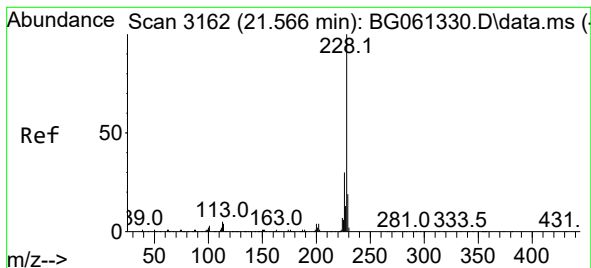
Ion Ratio Lower Upper

149 100

167 26.7 21.1 31.7

279 6.3 3.3 4.9#





#87

Chrysene

Concen: 10.099 ng/ul

RT: 21.563 min Scan# 3161

Delta R.T. -0.004 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

Instrument :

BNA_G

ClientSampleId :

BH662

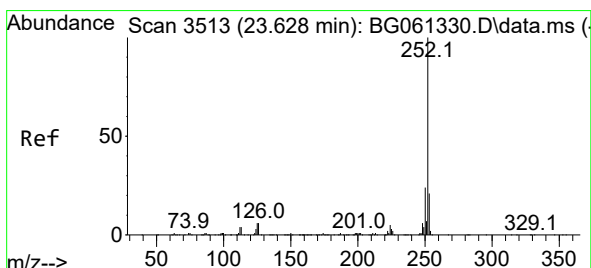
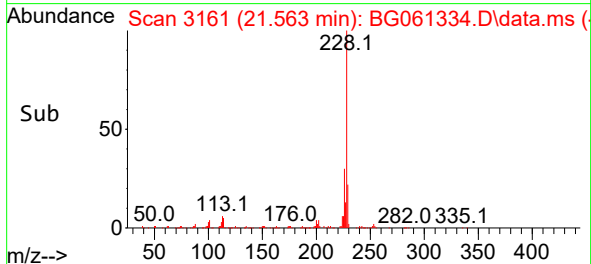
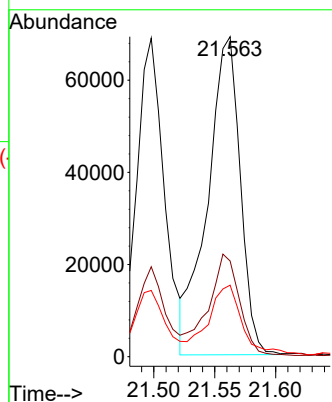
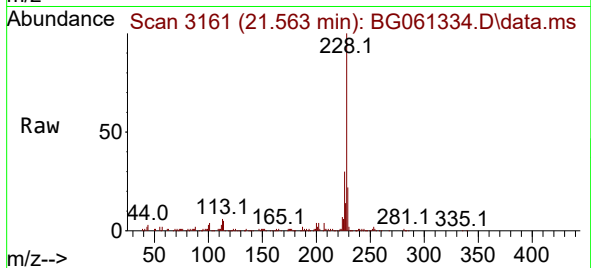
Tgt Ion:228 Resp: 128960

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

229 22.4 15.4 23.2



#90

Benzo(b)fluoranthene

Concen: 12.752 ng/ul

RT: 23.631 min Scan# 3513

Delta R.T. 0.002 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

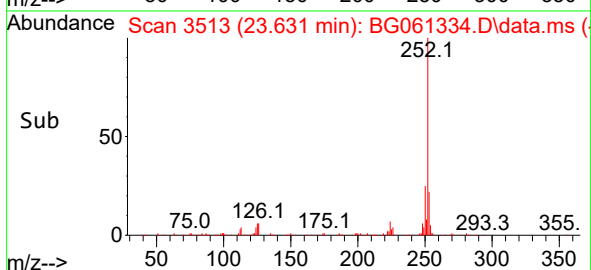
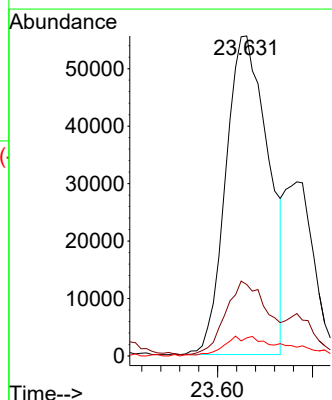
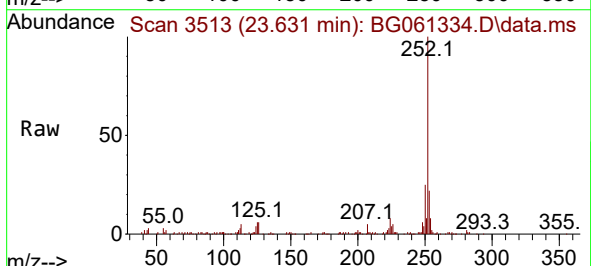
Tgt Ion:252 Resp: 173129

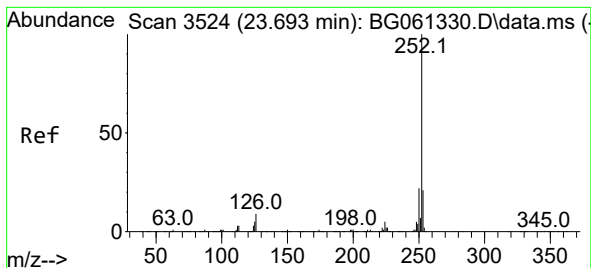
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 5.7 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 12.561 ng/ul

RT: 23.631 min Scan# 3

Delta R.T. -0.063 min

Lab File: BG061334.D

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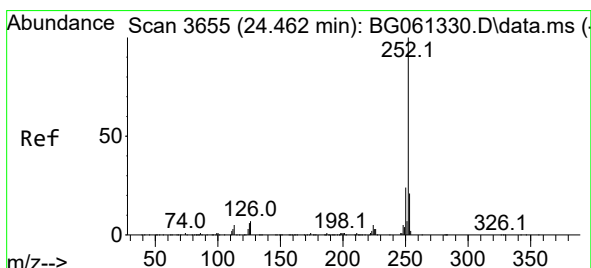
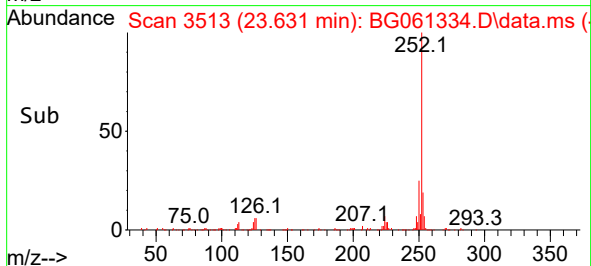
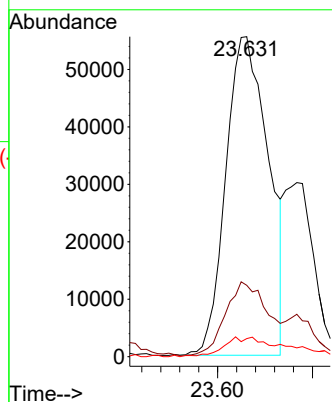
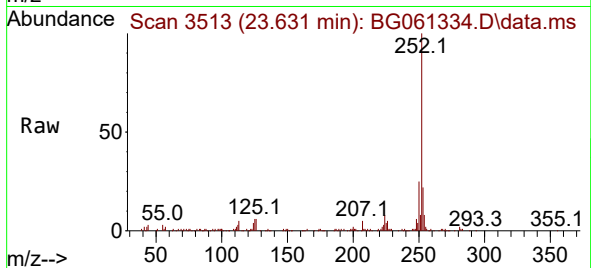
Tgt Ion:252 Resp: 173129

Ion Ratio Lower Upper

252 100

253 22.3 16.0 24.0

125 5.7 4.3 6.5



#93

Benzo(a)pyrene

Concen: 8.551 ng/ul

RT: 24.453 min Scan# 3653

Delta R.T. -0.010 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

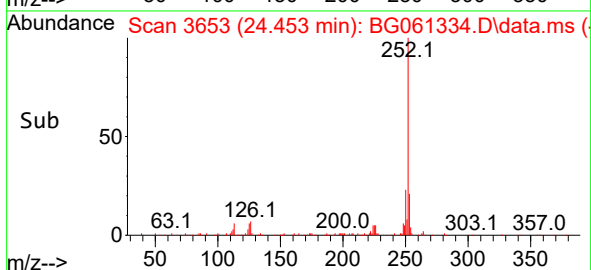
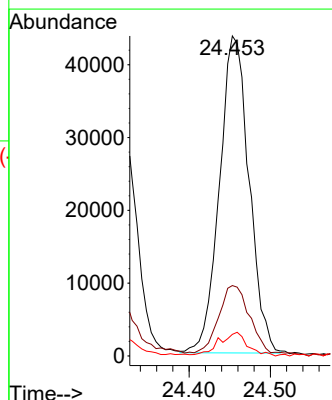
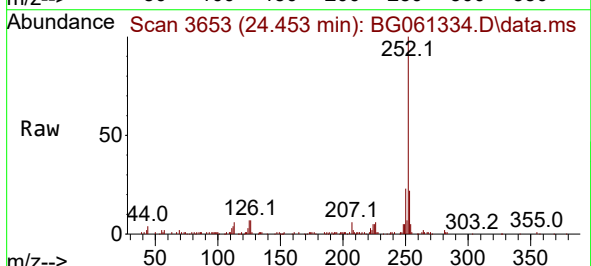
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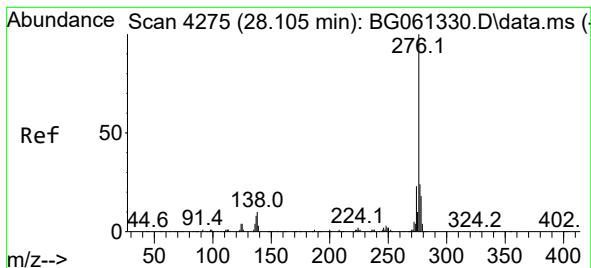
Ion Ratio Lower Upper

252 100

253 22.0 16.4 24.6

125 6.8 4.3 6.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.717 ng/ul

RT: 28.096 min Scan# 41

Delta R.T. -0.010 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

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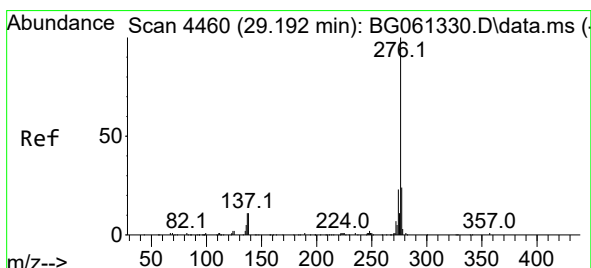
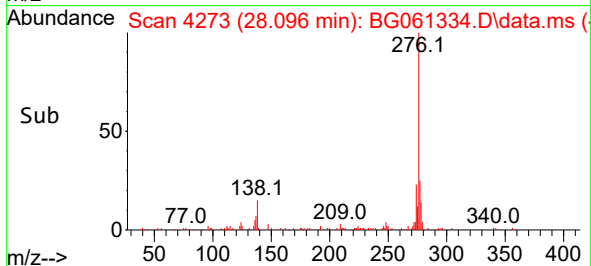
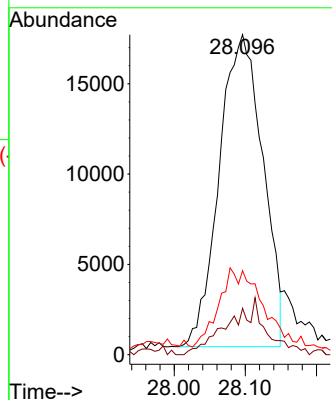
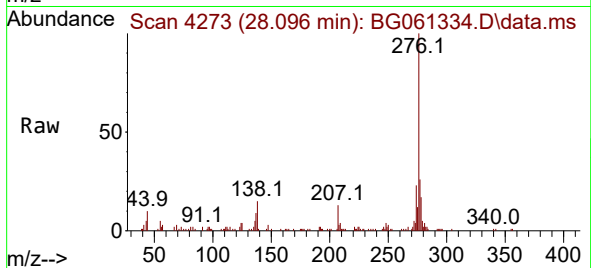
Tgt Ion:276 Resp: 73548

Ion Ratio Lower Upper

276 100

138 14.5 8.6 13.0#

277 26.3 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 3.060 ng/ul

RT: 29.189 min Scan# 4459

Delta R.T. -0.004 min

Lab File: BG061334.D

Acq: 29 May 2024 18:44

Tgt Ion:276 Resp: 37950

Ion Ratio Lower Upper

276 100

138 10.5 8.7 13.1

277 22.6 18.2 27.2

