

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
 Data File : BG063713.D
 Acq On : 18 Dec 2024 00:56
 Operator : RC/JU
 Sample : P5155-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28W0

Quant Time: Dec 18 04:57:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

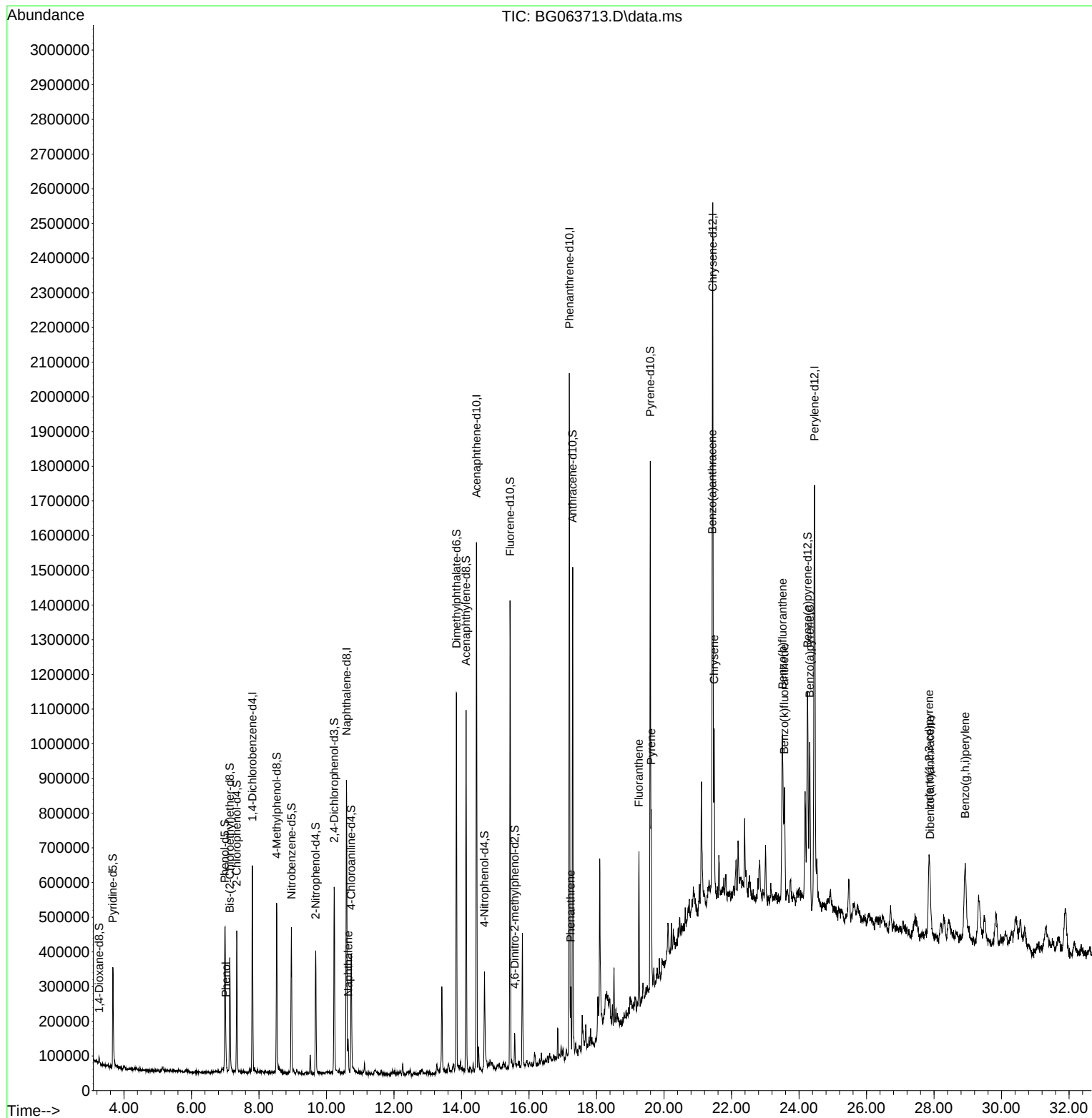
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	159309	20.000	ng/u1	0.00
20) Naphthalene-d8	10.591	136	679318	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.446	164	516419	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	1168232	20.000	ng/u1	-0.01
79) Chrysene-d12	21.443	240	1079077	20.000	ng/u1	-0.02
88) Perylene-d12	24.458	264	1161242	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.265	96	10976	2.700	ng/uL	-0.01
4) Pyridine-d5	3.670	84	177281	13.824	ng/u1	-0.02
7) Phenol-d5	6.990	99	259934	17.716	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.137	67	161115	15.899	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.342	132	167803	17.666	ng/u1	0.00
15) 4-Methylphenol-d8	8.523	113	186865	16.404	ng/u1	0.00
21) Nitrobenzene-d5	8.964	128	89616	18.476	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	100614	18.505	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.227	165	200628	19.059	ng/u1	0.00
31) 4-Chloroaniline-d4	10.732	131	185439m	13.874	ng/u1	-0.01
46) Dimethylphthalate-d6	13.852	166	744942	21.199	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	683026	17.051	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.681	143	81350m	16.339	ng/u1	0.00
60) Fluorene-d10	15.439	176	512395	16.492	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.574	200	23269	3.836	ng/u1	0.00
73) Anthracene-d10	17.295	188	781710	15.564	ng/u1	-0.01
81) Pyrene-d10	19.593	212	773617	13.777	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.252	264	622682	11.419	ng/u1	-0.02
Target Compounds						Qvalue
8) Phenol	7.019	94	23371m	1.495	ng/u1	
30) Naphthalene	10.644	128	51298	1.510	ng/u1#	94
72) Phenanthrene	17.237	178	115731	2.056	ng/u1	97
80) Fluoranthene	19.258	202	261302	4.094	ng/u1	96
82) Pyrene	19.622	202	298716	4.399	ng/u1#	96
85) Benzo(a)anthracene	21.426	228	248343	3.672	ng/u1#	95
87) Chrysene	21.485	228	306252	4.751	ng/u1#	92
90) Benzo(b)fluoranthene	23.512	252	617497	9.356	ng/u1	98
91) Benzo(k)fluoranthene	23.564	252	163989m	2.491	ng/u1	
93) Benzo(a)pyrene	24.317	252	454579	7.338	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	27.854	276	363803	4.809	ng/u1#	90
95) Dibenzo(a,h)anthracene	27.889	278	87276m	1.442	ng/u1	
96) Benzo(g,h,i)perylene	28.923	276	410203m	6.833	ng/u1	

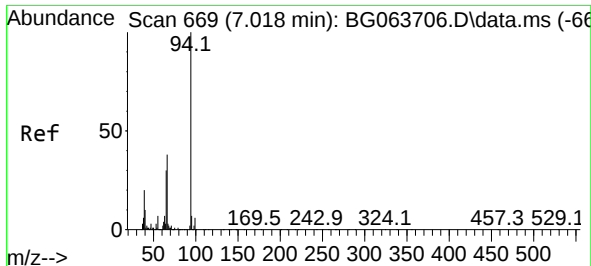
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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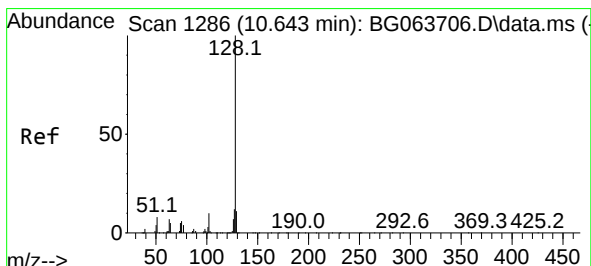
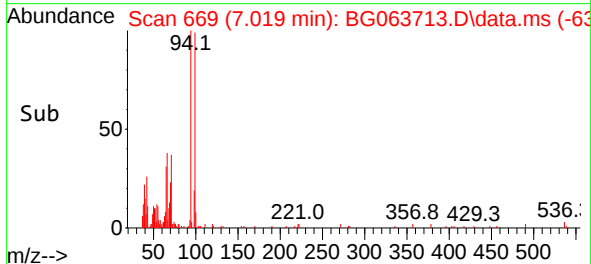
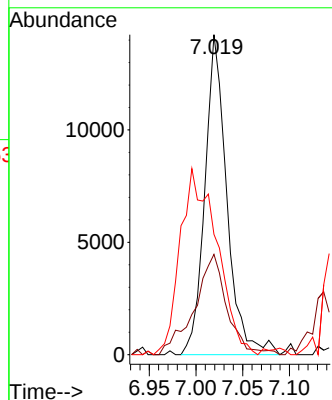
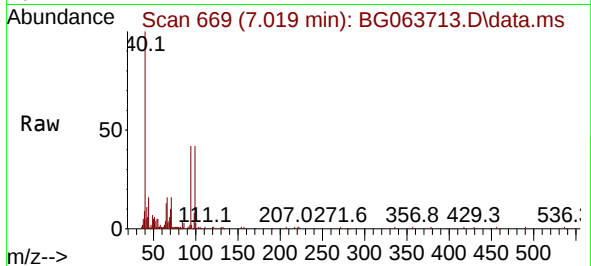




#8
Phenol
Concen: 1.495 ng/ul m
RT: 7.019 min Scan# 669
Delta R.T. 0.001 min
Lab File: BG063713.D
Acq: 18 Dec 2024 00:56

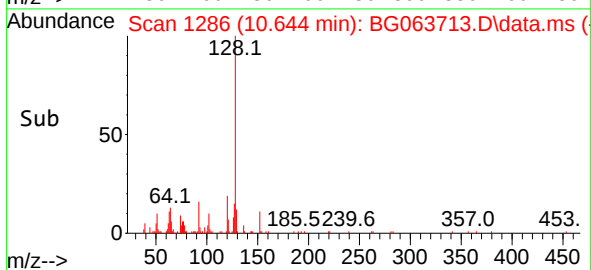
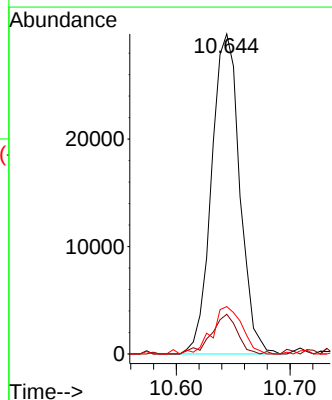
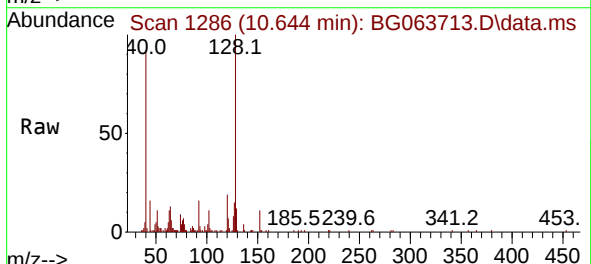
Instrument :
BNA_G
ClientSampleId :
E28W0

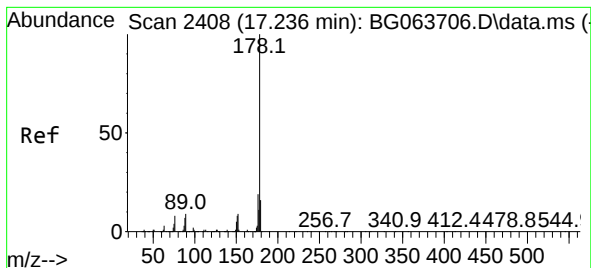
Tgt Ion: 94 Resp: 23371
Ion Ratio Lower Upper
94 100
65 31.3 25.6 38.4
66 37.6 34.2 51.2



#30
Naphthalene
Concen: 1.510 ng/ul
RT: 10.644 min Scan# 1286
Delta R.T. -0.005 min
Lab File: BG063713.D
Acq: 18 Dec 2024 00:56

Tgt Ion:128 Resp: 51298
Ion Ratio Lower Upper
128 100
129 12.4 8.2 12.2#
127 14.8 9.8 14.8#





#72

Phenanthrene

Concen: 2.056 ng/ul

RT: 17.237 min Scan# 2408

Delta R.T. -0.011 min

Lab File: BG063713.D

Acq: 18 Dec 2024 00:56

Instrument :

BNA_G

ClientSampleId :

E28W0

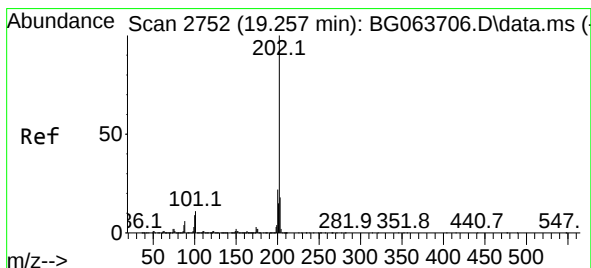
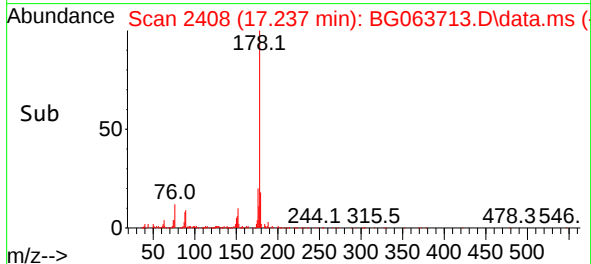
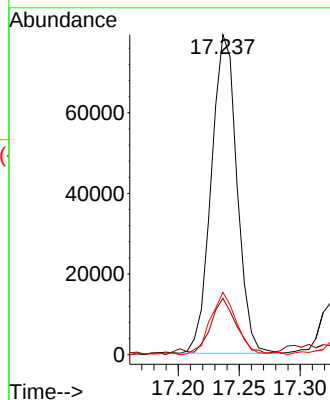
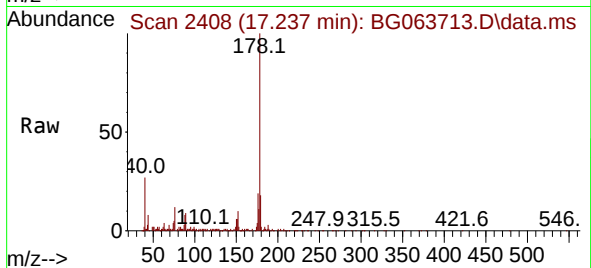
Tgt Ion:178 Resp: 115731

Ion Ratio Lower Upper

178 100

179 17.6 12.2 18.2

176 19.5 15.8 23.6



#80

Fluoranthene

Concen: 4.094 ng/ul

RT: 19.258 min Scan# 2752

Delta R.T. -0.011 min

Lab File: BG063713.D

Acq: 18 Dec 2024 00:56

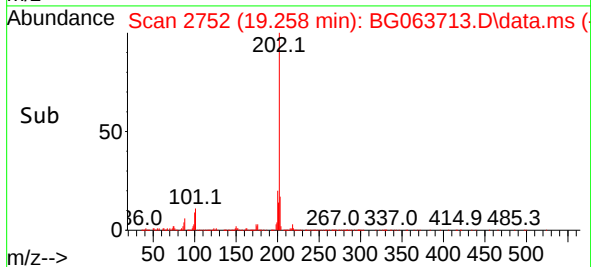
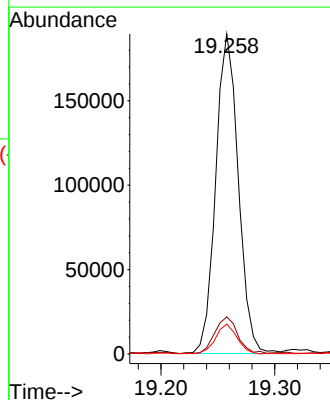
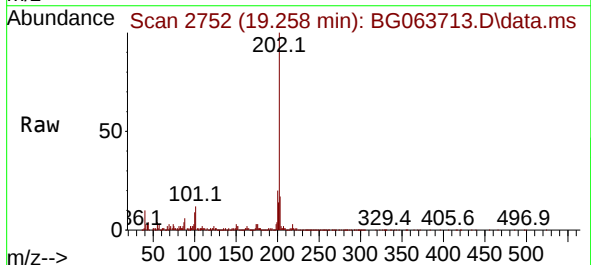
Tgt Ion:202 Resp: 261302

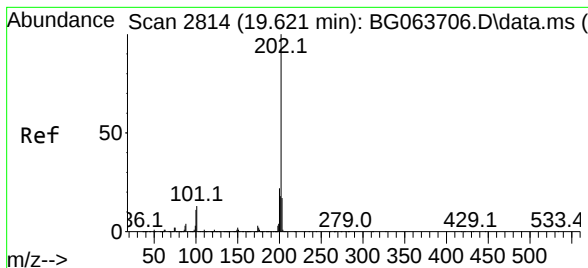
Ion Ratio Lower Upper

202 100

101 11.6 8.1 12.1

100 9.4 6.5 9.7





#82

Pyrene

Concen: 4.399 ng/ul

RT: 19.622 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG063713.D

Acq: 18 Dec 2024 00:56

Instrument :

BNA_G

ClientSampleId :

E28W0

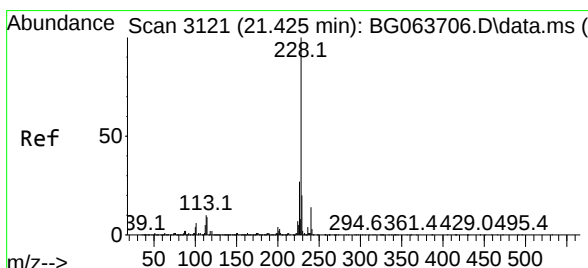
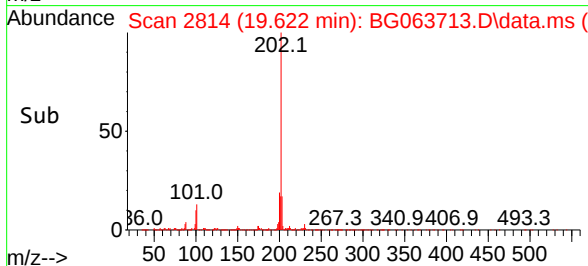
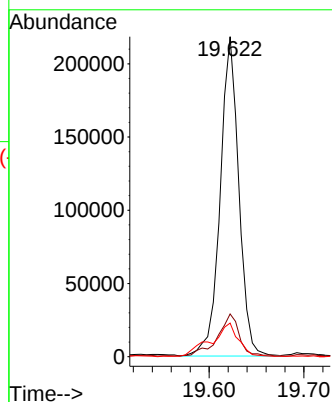
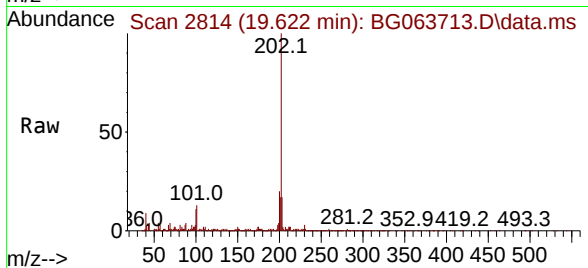
Tgt Ion:202 Resp: 298716

Ion Ratio Lower Upper

202 100

101 13.3 8.7 13.1#

100 10.5 7.8 11.6



#85

Benzo(a)anthracene

Concen: 3.672 ng/ul

RT: 21.426 min Scan# 3121

Delta R.T. -0.017 min

Lab File: BG063713.D

Acq: 18 Dec 2024 00:56

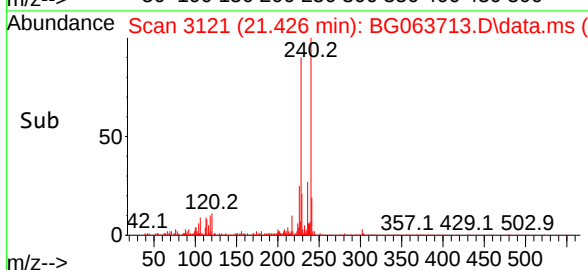
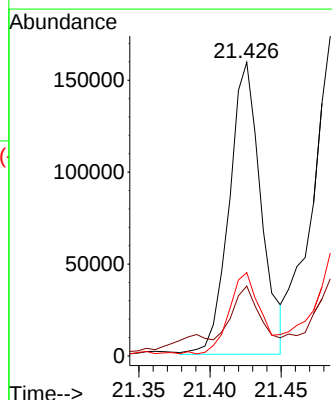
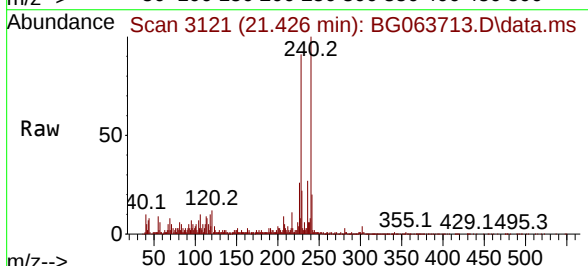
Tgt Ion:228 Resp: 248343

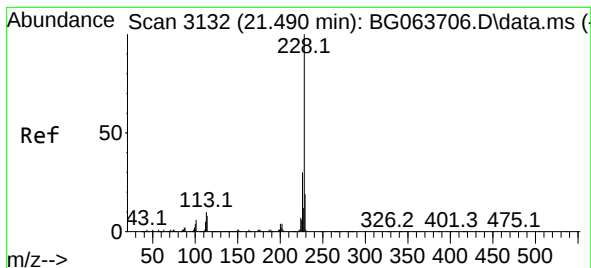
Ion Ratio Lower Upper

228 100

229 23.8 15.7 23.5#

226 28.4 22.0 33.0





#87

Chrysene

Concen: 4.751 ng/ul

RT: 21.485 min Scan# 3132

Delta R.T. -0.017 min

Lab File: BG063713.D

Acq: 18 Dec 2024 00:56

Instrument :

BNA_G

ClientSampleId :

E28W0

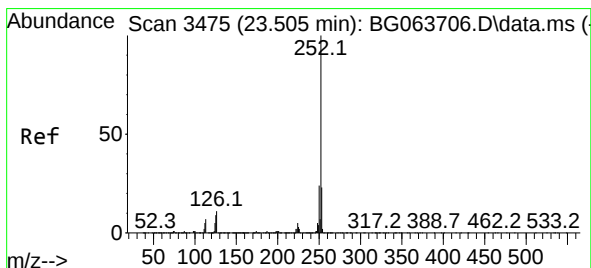
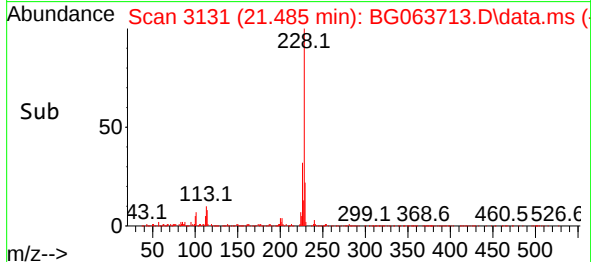
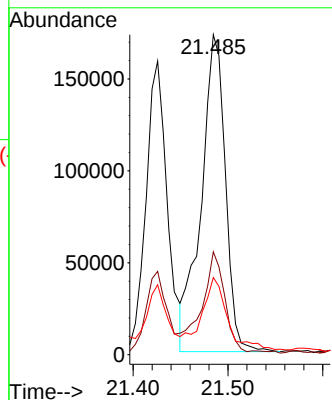
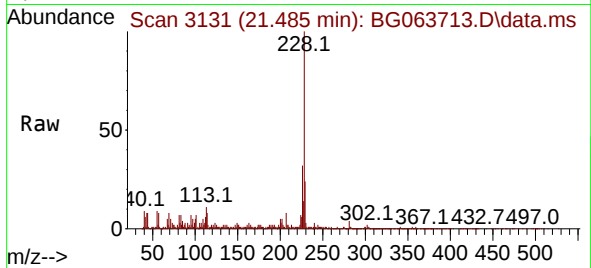
Tgt Ion:228 Resp: 306252

Ion Ratio Lower Upper

228 100

226 32.2 23.4 35.0

229 24.1 14.8 22.2#



#90

Benzo(b)fluoranthene

Concen: 9.356 ng/ul

RT: 23.512 min Scan# 3476

Delta R.T. -0.011 min

Lab File: BG063713.D

Acq: 18 Dec 2024 00:56

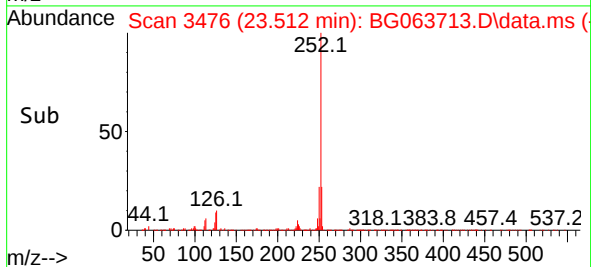
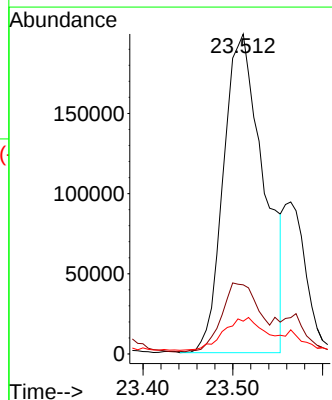
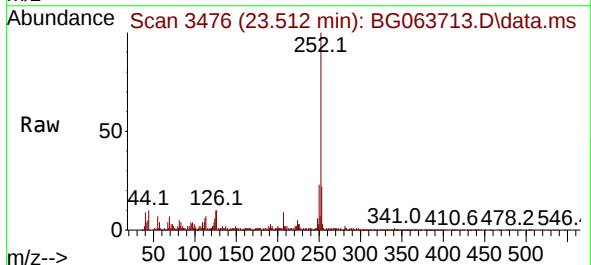
Tgt Ion:252 Resp: 617497

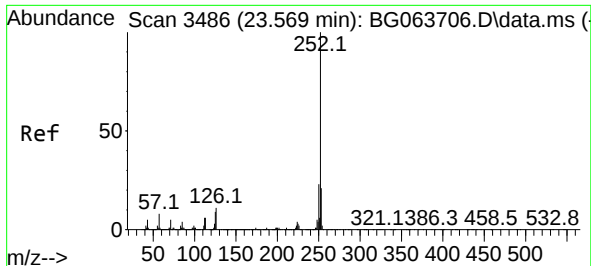
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 10.3 7.0 10.4

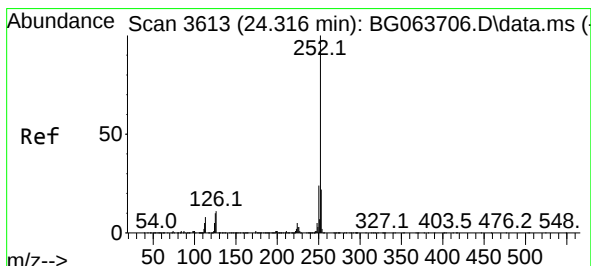
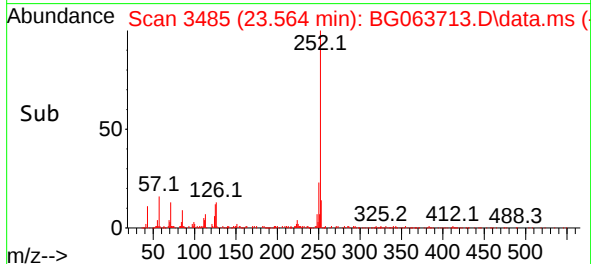
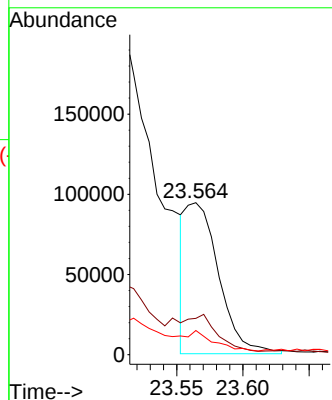
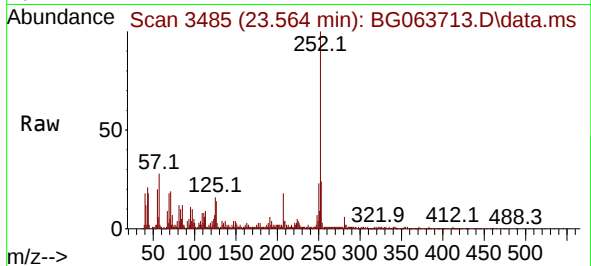




#91
Benzo(k)fluoranthene
Concen: 2.491 ng/ul m
RT: 23.564 min Scan# 3486
Delta R.T. -0.023 min
Lab File: BG063713.D
Acq: 18 Dec 2024 00:56

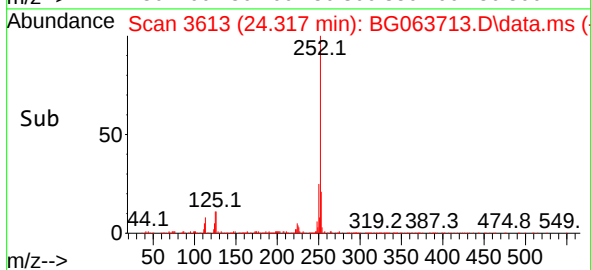
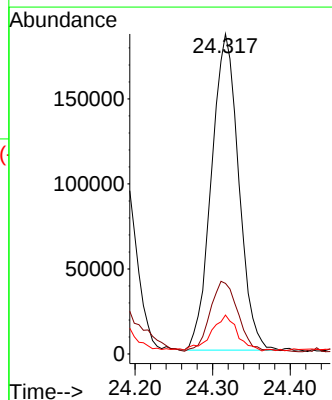
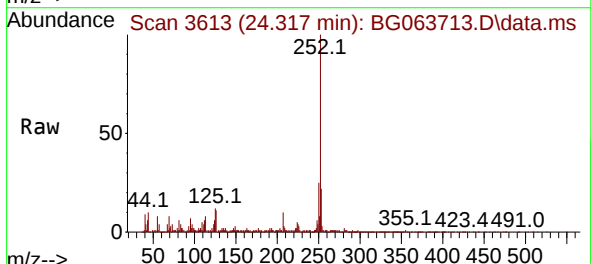
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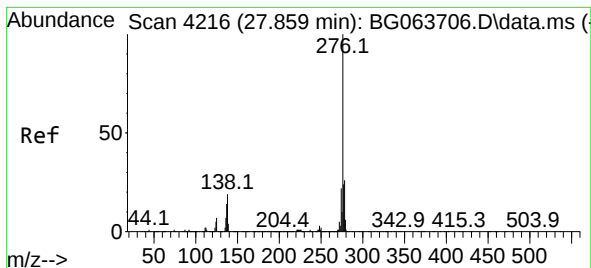
Tgt Ion:252 Resp: 163989
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 15.9 6.5 9.7#



#93
Benzo(a)pyrene
Concen: 7.338 ng/ul
RT: 24.317 min Scan# 3613
Delta R.T. -0.023 min
Lab File: BG063713.D
Acq: 18 Dec 2024 00:56

Tgt Ion:252 Resp: 454579
Ion Ratio Lower Upper
252 100
253 22.1 16.6 24.8
125 12.2 8.0 12.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.809 ng/ul

RT: 27.854 min Scan# 41

Delta R.T. -0.035 min

Lab File: BG063713.D

Acq: 18 Dec 2024 00:56

Instrument :

BNA_G

ClientSampleId :

E28W0

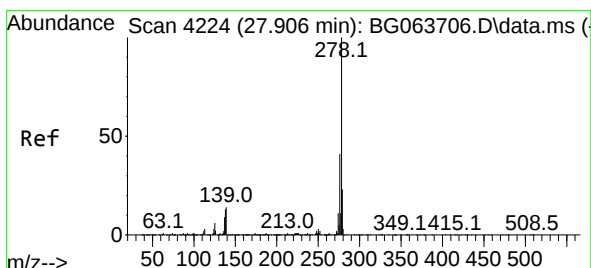
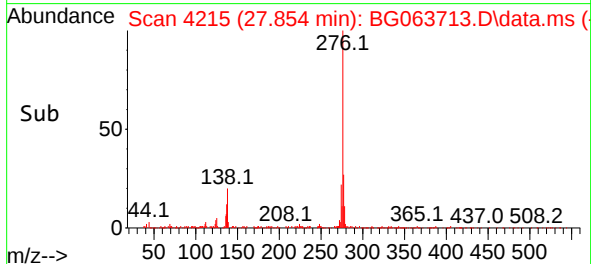
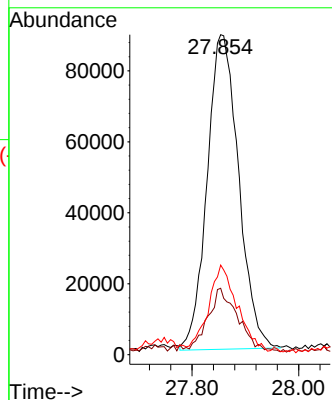
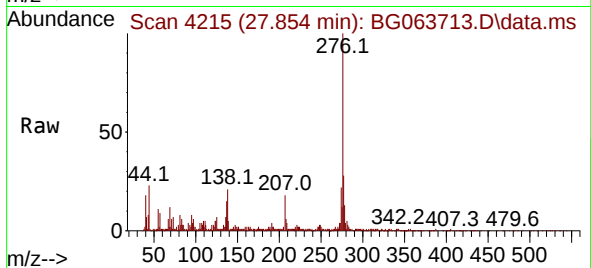
Tgt Ion:276 Resp: 363803

Ion Ratio Lower Upper

276 100

138 20.7 13.7 20.5#

277 28.0 18.4 27.6#



#95

Dibenzo(a,h)anthracene

Concen: 1.442 ng/ul m

RT: 27.889 min Scan# 4221

Delta R.T. -0.046 min

Lab File: BG063713.D

Acq: 18 Dec 2024 00:56

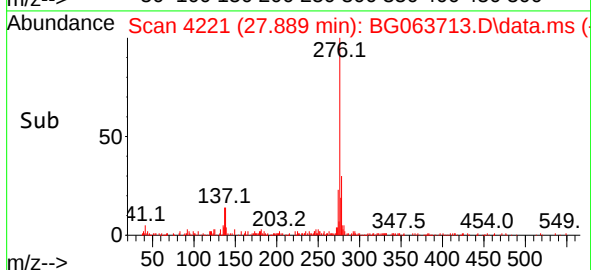
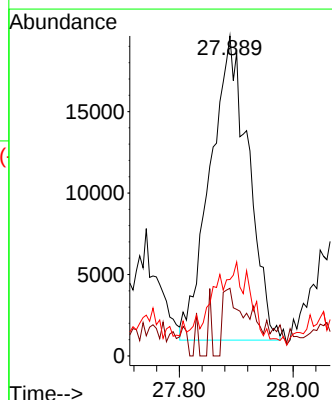
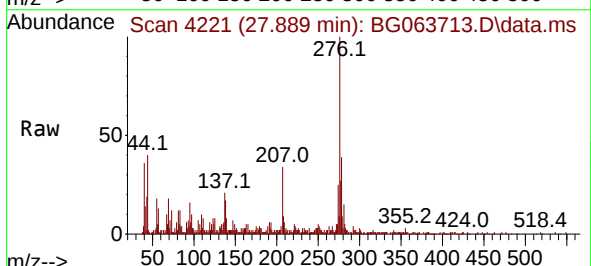
Tgt Ion:278 Resp: 87276

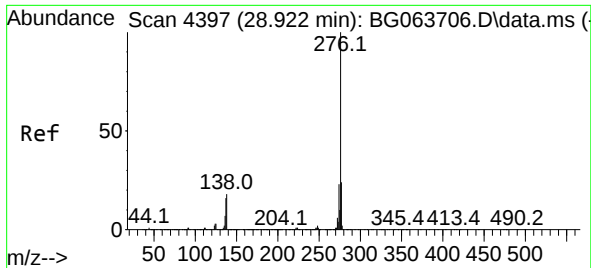
Ion Ratio Lower Upper

278 100

139 21.2 9.7 14.5#

279 23.9 17.3 25.9





#96
 Benzo(g,h,i)perylene
 Concen: 6.833 ng/ul m
 RT: 28.923 min Scan# 41
 Delta R.T. -0.017 min
 Lab File: BG063713.D
 Acq: 18 Dec 2024 00:56

Instrument :
 BNA_G
 ClientSampleId :
 E28W0

Tgt Ion:	276	Resp:	410203
Ion	Ratio	Lower	Upper
276	100		
138	17.9	13.8	20.8
277	26.4	17.8	26.8

