

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
 Data File : BG063710.D
 Acq On : 17 Dec 2024 23:03
 Operator : RC/JU
 Sample : P5155-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28R0

Quant Time: Dec 18 04:03:51 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

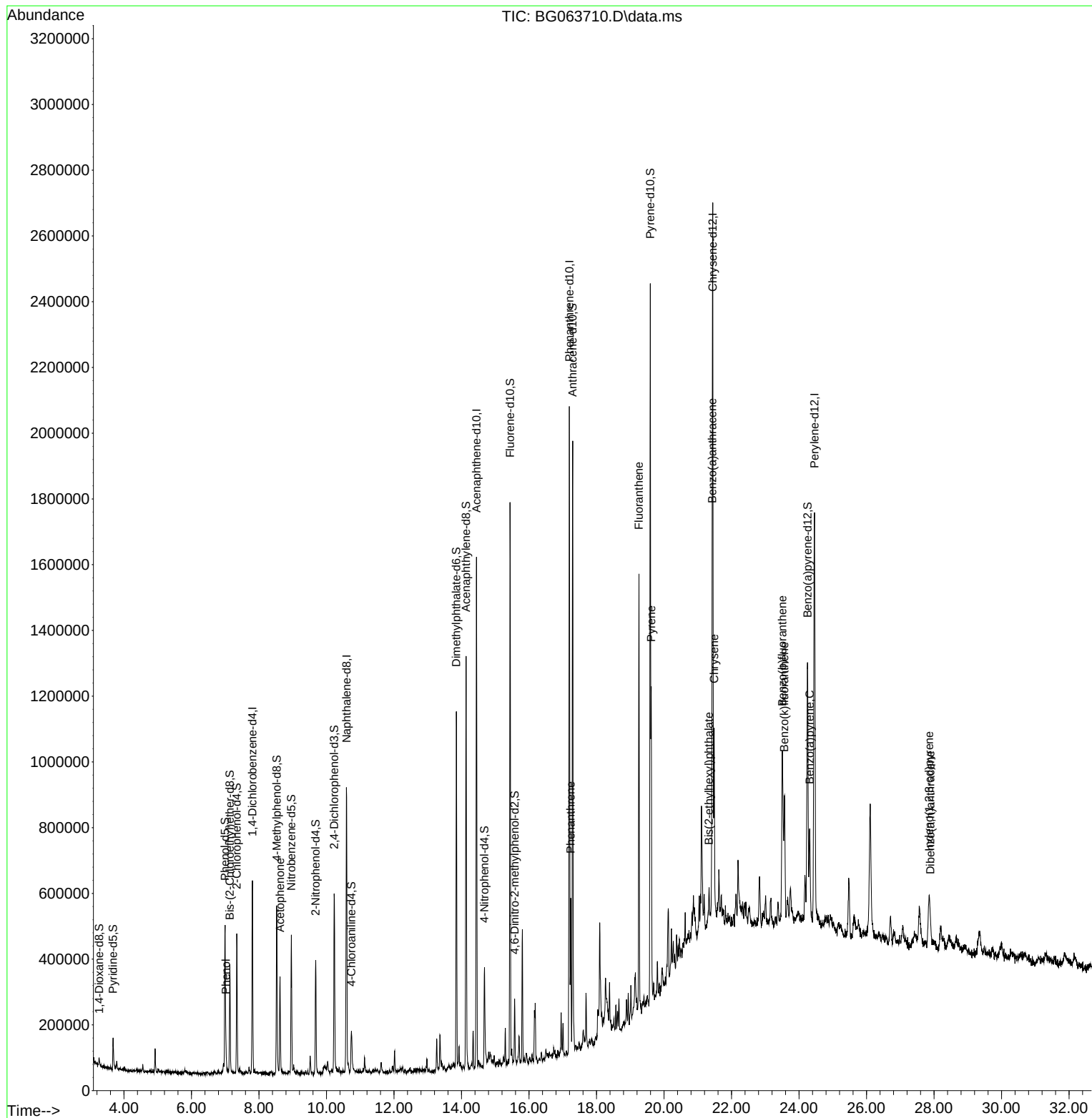
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	162877	20.000	ng/u1	0.00
20) Naphthalene-d8	10.591	136	690108	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.445	164	536644	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	1185780	20.000	ng/u1	-0.01
79) Chrysene-d12	21.443	240	1095096	20.000	ng/u1	-0.02
88) Perylene-d12	24.457	264	1195386	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	10286m	2.475	ng/uL	-0.01
4) Pyridine-d5	3.676	84	60458	4.611	ng/u1	-0.01
7) Phenol-d5	6.995	99	265900	17.726	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	155143	14.974	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.342	132	177091	18.235	ng/u1	0.00
15) 4-Methylphenol-d8	8.523	113	201064	17.264	ng/u1	0.00
21) Nitrobenzene-d5	8.958	128	88150	17.890	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.681	143	106034	19.197	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.227	165	216774	20.271	ng/u1	0.00
31) 4-Chloroaniline-d4	10.738	131	82318m	6.063	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	737211	20.189	ng/u1	-0.01
49) Acenaphthylene-d8	14.134	160	833224	20.017	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.681	143	88663m	17.137	ng/u1	0.00
60) Fluorene-d10	15.438	176	665138	20.602	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.574	200	46277	7.517	ng/u1	0.00
73) Anthracene-d10	17.295	188	1076618	21.118	ng/u1	-0.01
81) Pyrene-d10	19.592	212	1087281	19.080	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.252	264	819979	14.607	ng/u1	-0.02
Target Compounds						
					Qvalue	
8) Phenol	7.019	94	38244m	2.392	ng/u1	
16) Acetophenone	8.623	105	161058	8.153	ng/u1	90
72) Phenanthrene	17.236	178	284415	4.977	ng/u1	100
80) Fluoranthene	19.258	202	805758	12.440	ng/u1	99
82) Pyrene	19.622	202	586592	8.512	ng/u1	96
85) Benzo(a)anthracene	21.426	228	383242	5.584	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.332	149	36436	1.184	ng/u1#	96
87) Chrysene	21.484	228	406660	6.217	ng/u1	96
90) Benzo(b)fluoranthene	23.505	252	615125	9.054	ng/u1	97
91) Benzo(k)fluoranthene	23.564	252	212020m	3.129	ng/u1	
93) Benzo(a)pyrene	24.316	252	256881	4.028	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	27.853	276	250920	3.222	ng/u1	93
95) Dibenzo(a,h)anthracene	27.894	278	76747m	1.232	ng/u1	

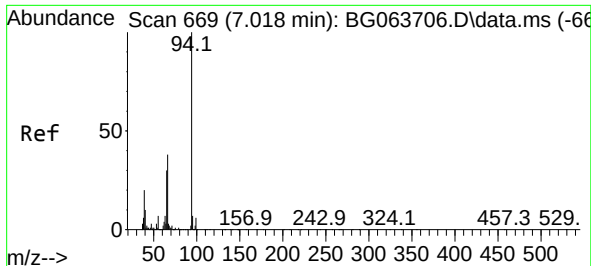
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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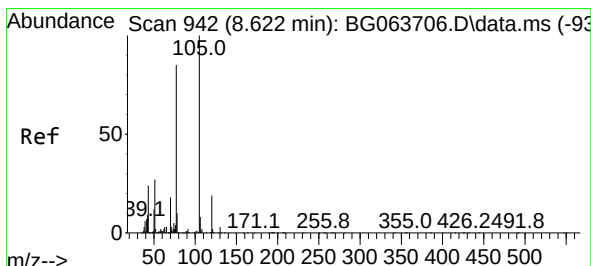
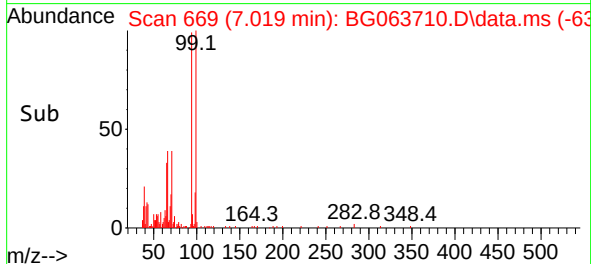
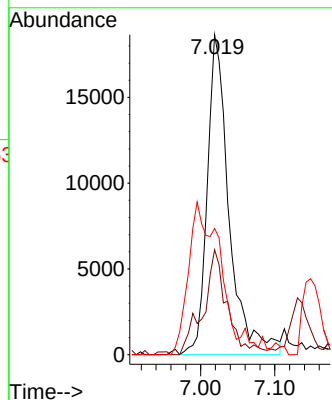
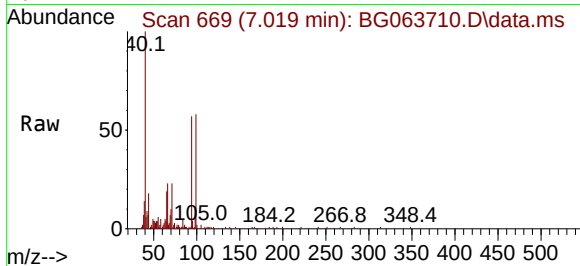




#8
Phenol
Concen: 2.392 ng/ul m
RT: 7.019 min Scan# 669
Delta R.T. 0.000 min
Lab File: BG063710.D
Acq: 17 Dec 2024 23:03

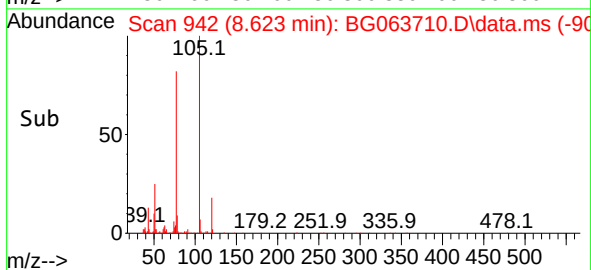
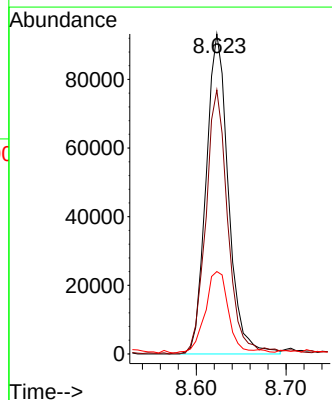
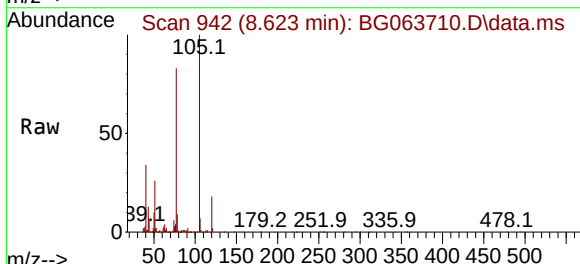
Instrument :
BNA_G
ClientSampleId :
E28R0

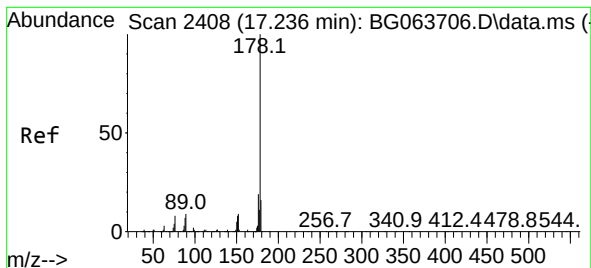
Tgt Ion: 94 Resp: 38244
Ion Ratio Lower Upper
94 100
65 32.8 25.6 38.4
66 39.4 34.2 51.2



#16
Acetophenone
Concen: 8.153 ng/ul
RT: 8.623 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG063710.D
Acq: 17 Dec 2024 23:03

Tgt Ion: 105 Resp: 161058
Ion Ratio Lower Upper
105 100
77 82.5 73.6 110.4
51 25.7 25.4 38.2





#72

Phenanthrene

Concen: 4.977 ng/ul

RT: 17.236 min Scan# 2408

Delta R.T. -0.011 min

Lab File: BG063710.D

Acq: 17 Dec 2024 23:03

Instrument :

BNA_G

ClientSampleId :

E28R0

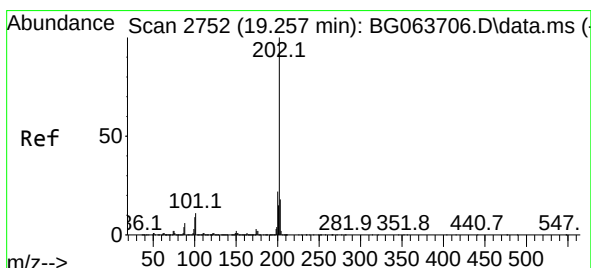
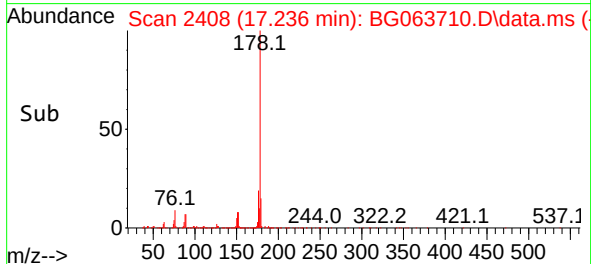
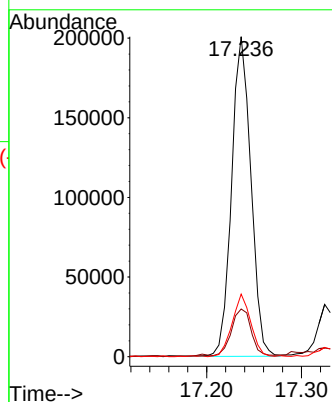
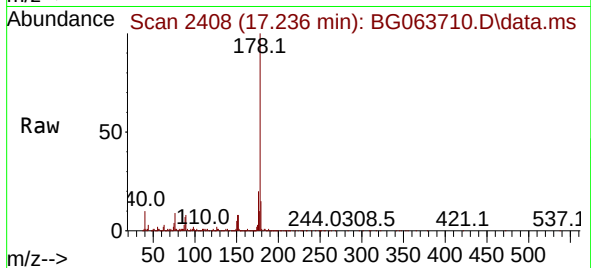
Tgt Ion:178 Resp: 284415

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

176 19.5 15.8 23.6



#80

Fluoranthene

Concen: 12.440 ng/ul

RT: 19.258 min Scan# 2752

Delta R.T. -0.011 min

Lab File: BG063710.D

Acq: 17 Dec 2024 23:03

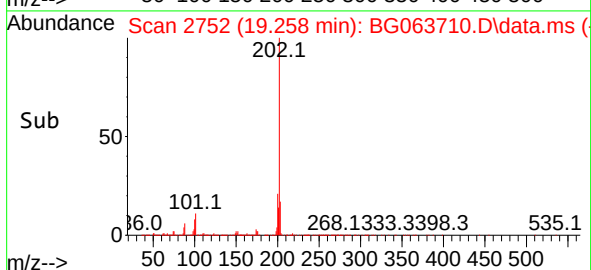
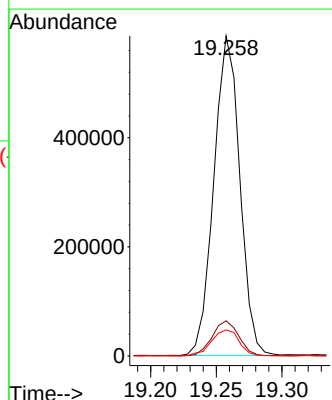
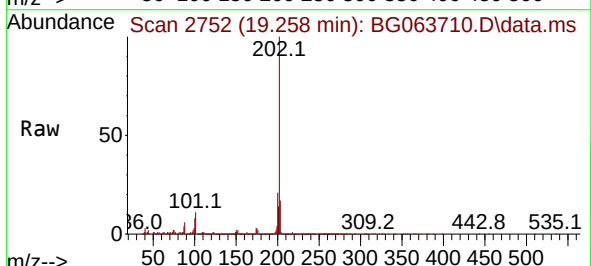
Tgt Ion:202 Resp: 805758

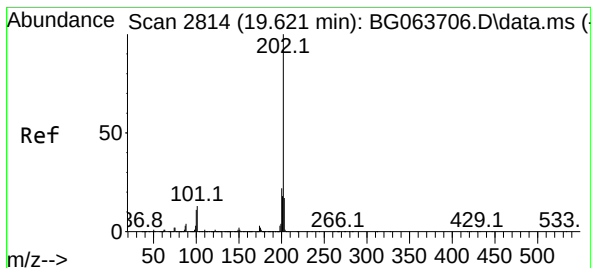
Ion Ratio Lower Upper

202 100

101 11.0 8.1 12.1

100 8.1 6.5 9.7





#82

Pyrene

Concen: 8.512 ng/ul

RT: 19.622 min Scan# 2814

Delta R.T. -0.011 min

Lab File: BG063710.D

Acq: 17 Dec 2024 23:03

Instrument :

BNA_G

ClientSampleId :

E28R0

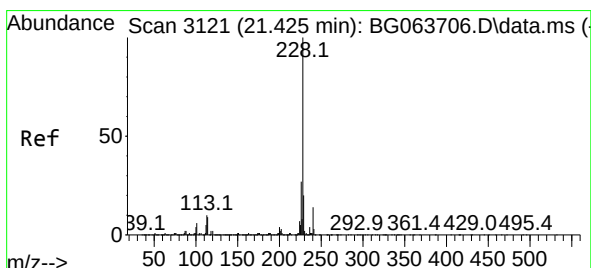
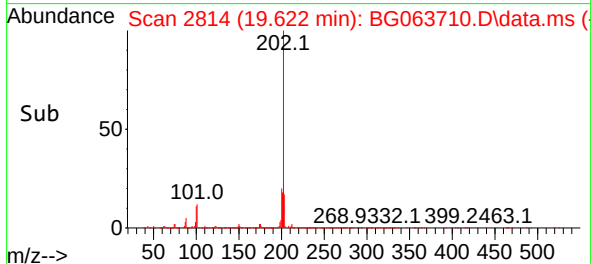
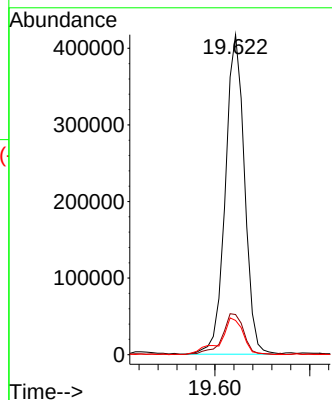
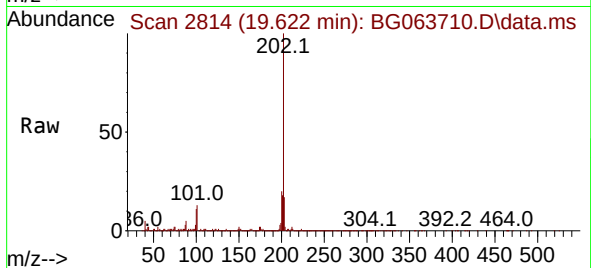
Tgt Ion:202 Resp: 586592

Ion Ratio Lower Upper

202 100

101 12.6 8.7 13.1

100 10.7 7.8 11.6



#85

Benzo(a)anthracene

Concen: 5.584 ng/ul

RT: 21.426 min Scan# 3121

Delta R.T. -0.017 min

Lab File: BG063710.D

Acq: 17 Dec 2024 23:03

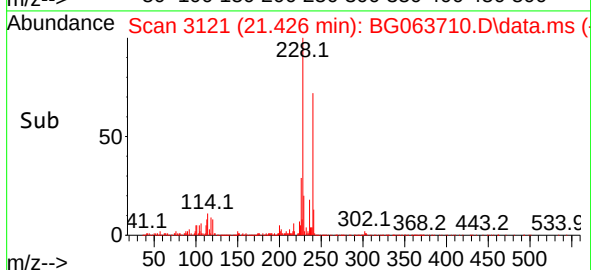
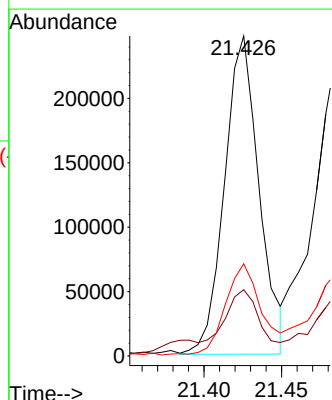
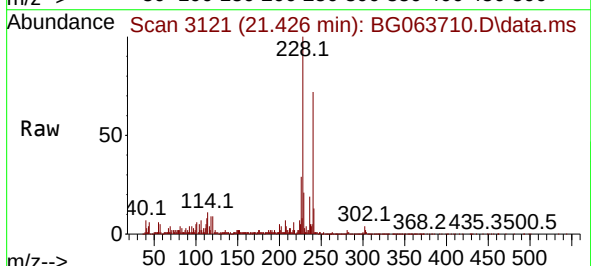
Tgt Ion:228 Resp: 383242

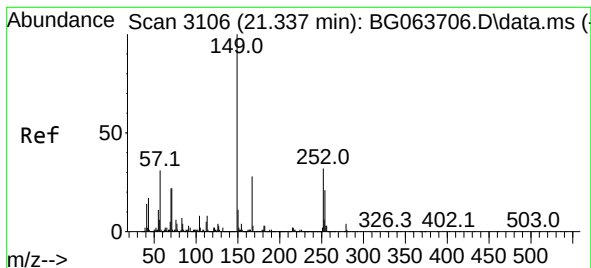
Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

226 28.8 22.0 33.0

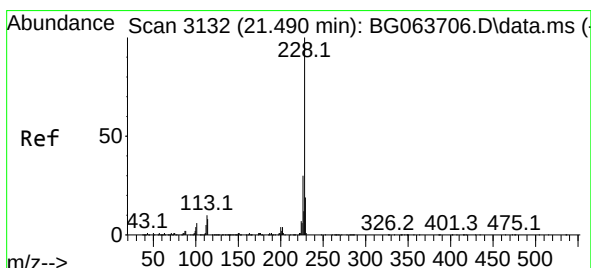
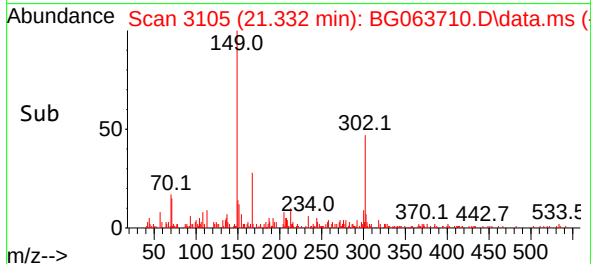
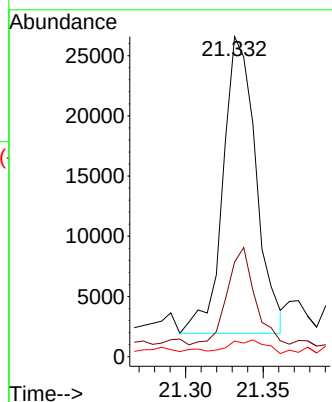
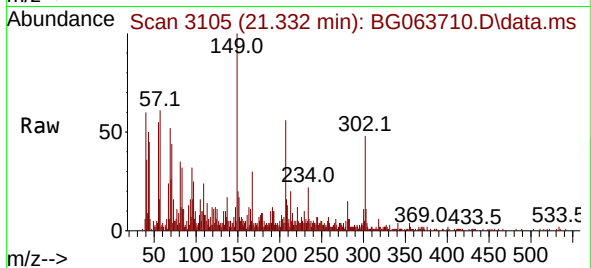




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.184 ng/ul
 RT: 21.332 min Scan# 3105
 Delta R.T. -0.023 min
 Lab File: BG063710.D
 Acq: 17 Dec 2024 23:03

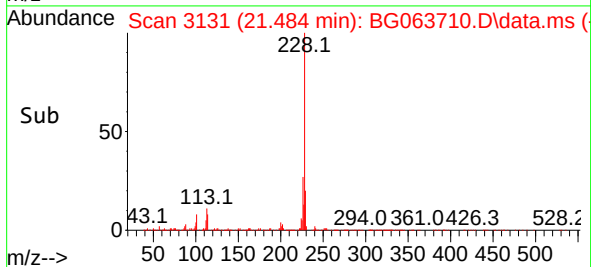
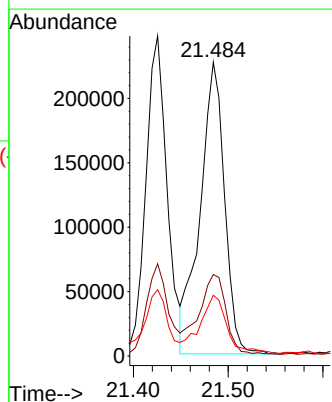
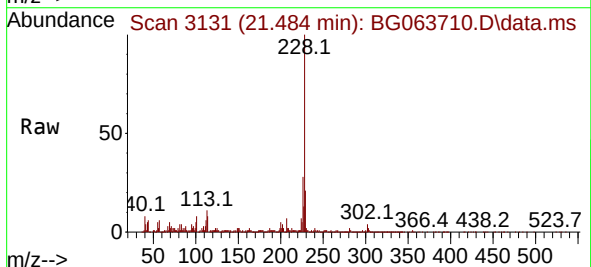
Instrument :
 BNA_G
 ClientSampleId :
 E28R0

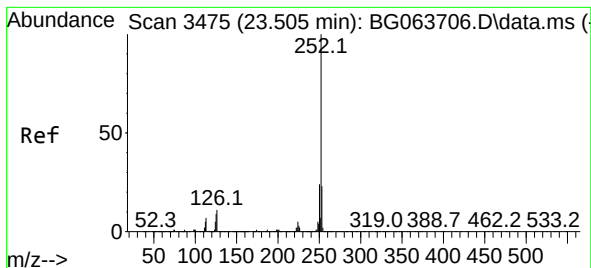
Tgt Ion:149 Resp: 36436
 Ion Ratio Lower Upper
 149 100
 167 29.6 22.1 33.1
 279 4.9 2.9 4.3#



#87
 Chrysene
 Concen: 6.217 ng/ul
 RT: 21.484 min Scan# 3131
 Delta R.T. -0.017 min
 Lab File: BG063710.D
 Acq: 17 Dec 2024 23:03

Tgt Ion:228 Resp: 406660
 Ion Ratio Lower Upper
 228 100
 226 27.7 23.4 35.0
 229 20.7 14.8 22.2





#90

Benzo(b)fluoranthene

Concen: 9.054 ng/ul

RT: 23.505 min Scan# 3475

Delta R.T. -0.017 min

Lab File: BG063710.D

Acq: 17 Dec 2024 23:03

Instrument :

BNA_G

ClientSampleId :

E28R0

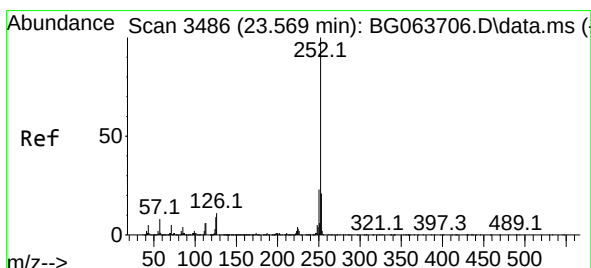
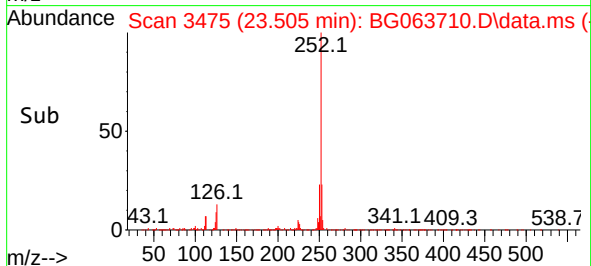
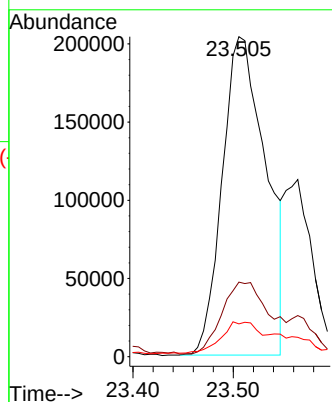
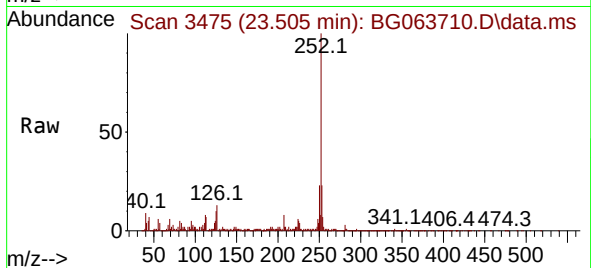
Tgt Ion:252 Resp: 615125

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 10.2 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 3.129 ng/ul m

RT: 23.564 min Scan# 3485

Delta R.T. -0.023 min

Lab File: BG063710.D

Acq: 17 Dec 2024 23:03

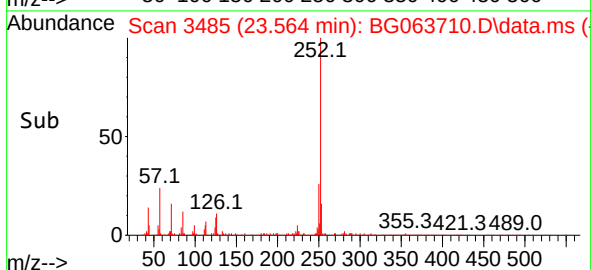
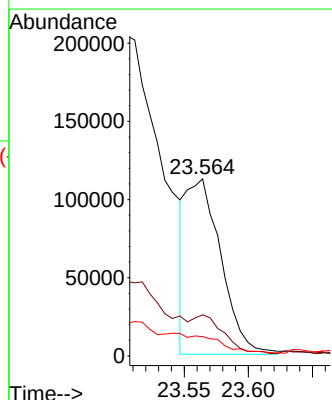
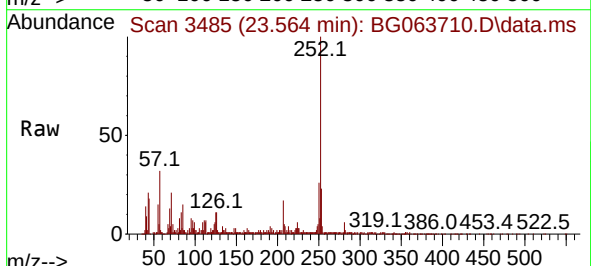
Tgt Ion:252 Resp: 212020

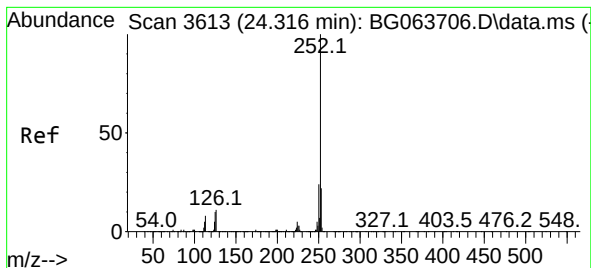
Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 11.0 6.5 9.7#





#93

Benzo(a)pyrene

Concen: 4.028 ng/ul

RT: 24.316 min Scan# 3

Delta R.T. -0.023 min

Lab File: BG063710.D

Acq: 17 Dec 2024 23:03

Instrument :

BNA_G

ClientSampleId :

E28R0

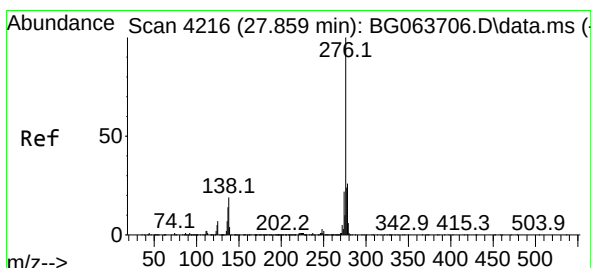
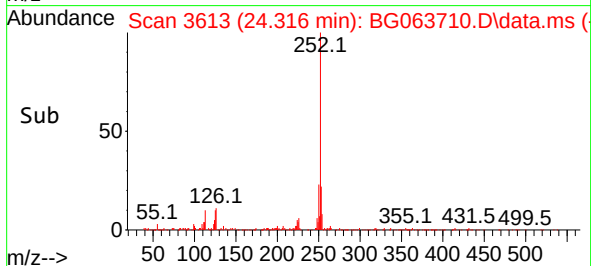
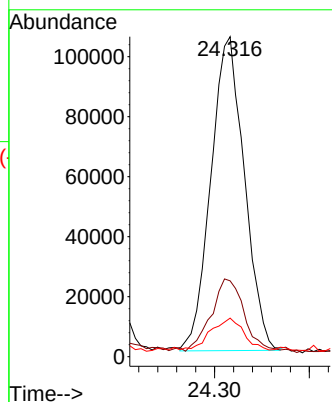
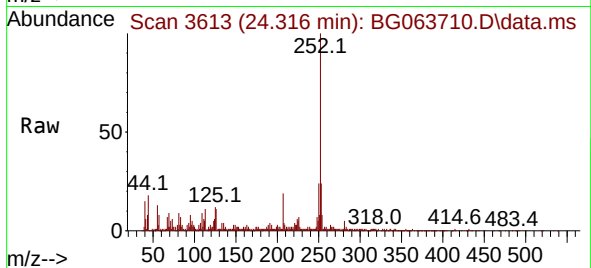
Tgt Ion:252 Resp: 256881

Ion Ratio Lower Upper

252 100

253 23.7 16.6 24.8

125 12.0 8.0 12.0#



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.222 ng/ul

RT: 27.853 min Scan# 4215

Delta R.T. -0.035 min

Lab File: BG063710.D

Acq: 17 Dec 2024 23:03

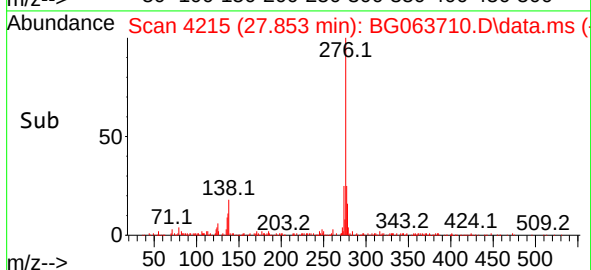
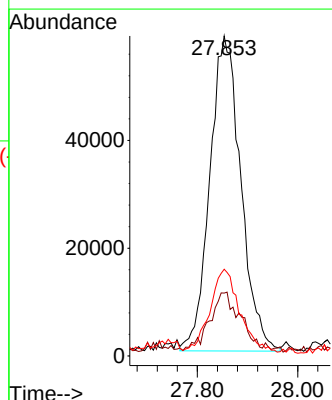
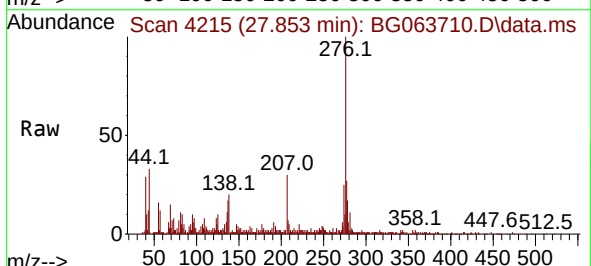
Tgt Ion:276 Resp: 250920

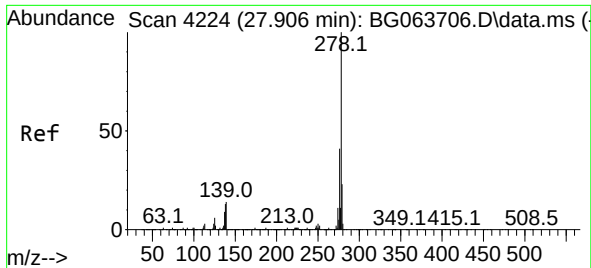
Ion Ratio Lower Upper

276 100

138 19.6 13.7 20.5

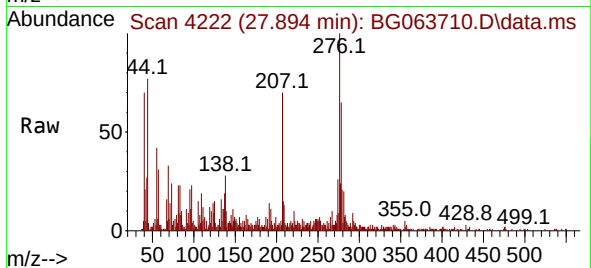
277 27.1 18.4 27.6





#95
 Dibenzo(a,h)anthracene
 Concen: 1.232 ng/ul m
 RT: 27.894 min Scan# 41
 Delta R.T. -0.041 min
 Lab File: BG063710.D
 Acq: 17 Dec 2024 23:03

Instrument :
 BNA_G
 ClientSampleId :
 E28R0



Tgt Ion:278 Resp: 76747
 Ion Ratio Lower Upper
 278 100
 139 15.4 9.7 14.5#
 279 32.5 17.3 25.9#

