

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
 Data File : BG063714.D
 Acq On : 18 Dec 2024 1:34
 Operator : RC/JU
 Sample : P5155-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28W1

Quant Time: Dec 18 05:04:08 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

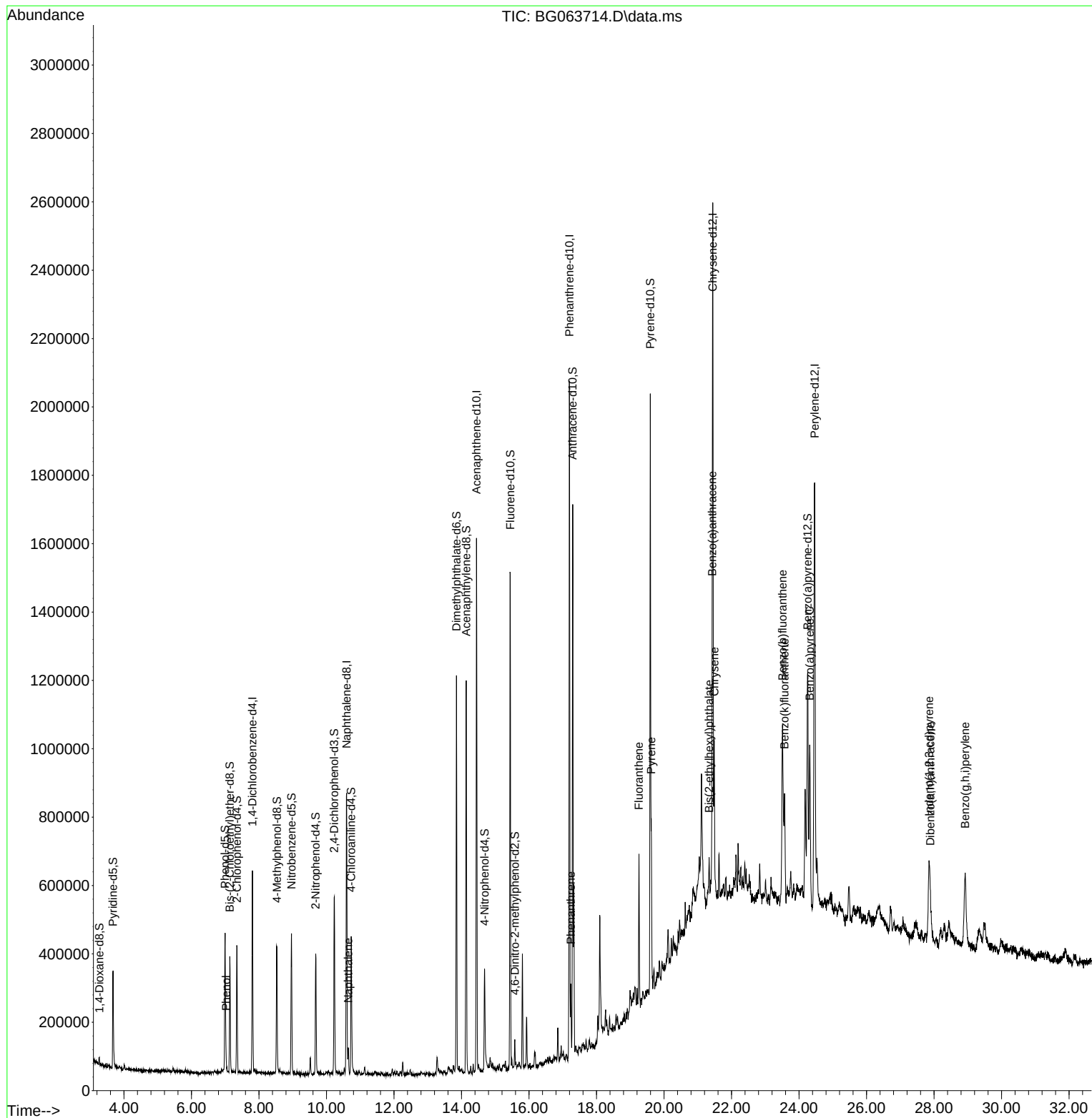
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	158116	20.000	ng/u1	0.00
20) Naphthalene-d8	10.596	136	669394	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	533801	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.194	188	1176529	20.000	ng/u1	-0.01
79) Chrysene-d12	21.442	240	1074255	20.000	ng/u1	-0.02
88) Perylene-d12	24.462	264	1177542	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	11264m	2.792	ng/uL	0.00
4) Pyridine-d5	3.675	84	182622	14.348	ng/u1	-0.01
7) Phenol-d5	6.994	99	241446	16.580	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.135	67	161608	16.068	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.347	132	163709	17.365	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	144295	12.763	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	90264	18.886	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	109099	20.363	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.226	165	190575	18.373	ng/u1	0.00
31) 4-Chloroaniline-d4	10.731	131	211316m	16.045	ng/u1	-0.01
46) Dimethylphthalate-d6	13.851	166	748633	20.611	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	781819	18.882	ng/u1	0.00
54) 4-Nitrophenol-d4	14.685	143	91130m	17.707	ng/u1	0.01
60) Fluorene-d10	15.443	176	583382	18.166	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	19205	3.144	ng/u1	0.00
73) Anthracene-d10	17.294	188	898287	17.759	ng/u1	-0.01
81) Pyrene-d10	19.591	212	922332	16.499	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.251	264	721284	13.044	ng/u1	-0.02
Target Compounds						
					Qvalue	
8) Phenol	7.024	94	16921	1.090	ng/u1	96
30) Naphthalene	10.643	128	58399	1.745	ng/u1#	94
72) Phenanthrene	17.241	178	127943	2.257	ng/u1	98
80) Fluoranthene	19.257	202	255091	4.015	ng/u1	98
82) Pyrene	19.621	202	293435	4.341	ng/u1	97
85) Benzo(a)anthracene	21.425	228	258583	3.841	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.336	149	37070	1.228	ng/u1#	96
87) Chrysene	21.489	228	320792	4.999	ng/u1	97
90) Benzo(b)fluoranthene	23.510	252	592991	8.860	ng/u1#	96
91) Benzo(k)fluoranthene	23.569	252	225833m	3.383	ng/u1	
93) Benzo(a)pyrene	24.315	252	457496	7.283	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.852	276	375562	4.895	ng/u1	97
95) Dibenzo(a,h)anthracene	27.893	278	82375m	1.342	ng/u1	
96) Benzo(g,h,i)perylene	28.922	276	418587	6.876	ng/u1#	92

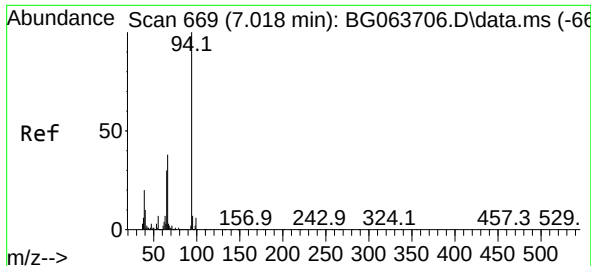
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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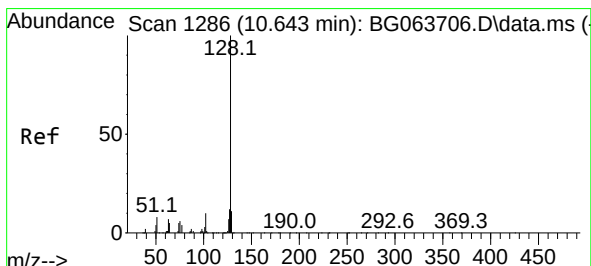
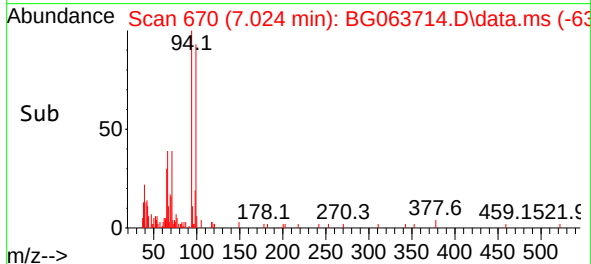
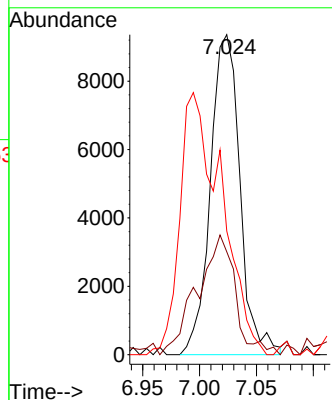
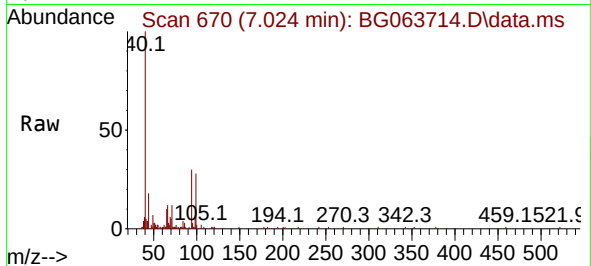




#8
Phenol
Concen: 1.090 ng/ul
RT: 7.024 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG063714.D
Acq: 18 Dec 2024 1:34

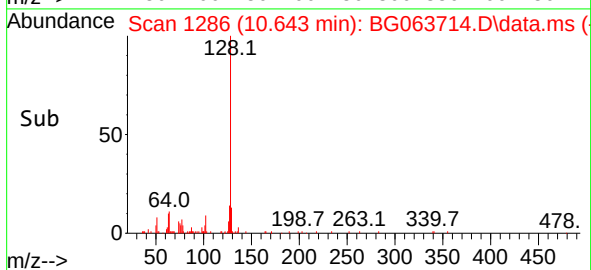
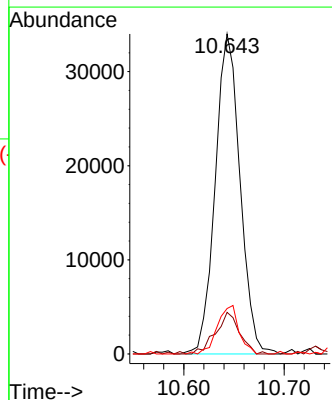
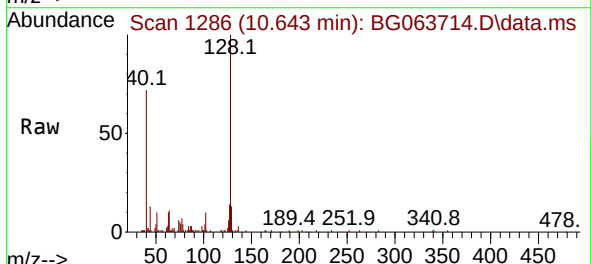
Instrument :
BNA_G
ClientSampleId :
E28W1

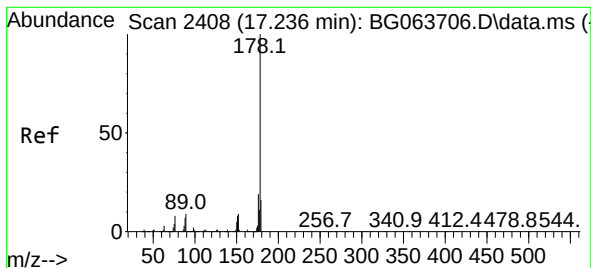
Tgt Ion: 94 Resp: 16921
Ion Ratio Lower Upper
94 100
65 32.2 25.6 38.4
66 38.6 34.2 51.2



#30
Naphthalene
Concen: 1.745 ng/ul
RT: 10.643 min Scan# 1286
Delta R.T. -0.007 min
Lab File: BG063714.D
Acq: 18 Dec 2024 1:34

Tgt Ion: 128 Resp: 58399
Ion Ratio Lower Upper
128 100
129 13.0 8.2 12.2#
127 14.2 9.8 14.8





#72

Phenanthrene

Concen: 2.257 ng/ul

RT: 17.241 min Scan# 2409

Delta R.T. -0.007 min

Lab File: BG063714.D

Acq: 18 Dec 2024 1:34

Instrument :

BNA_G

ClientSampleId :

E28W1

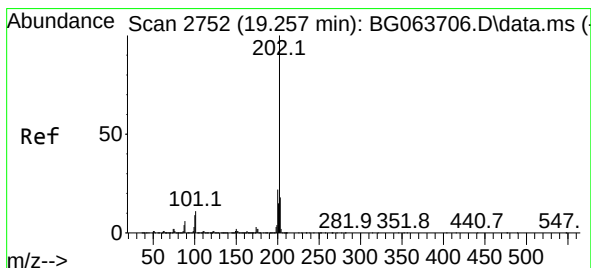
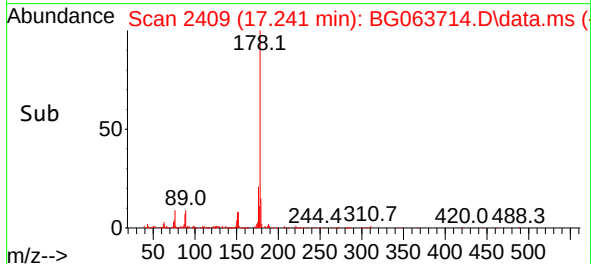
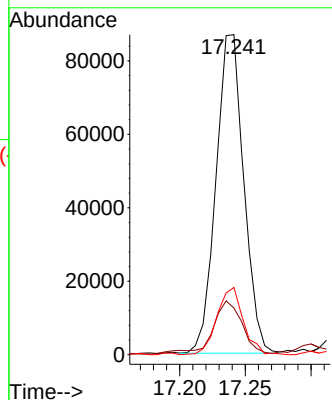
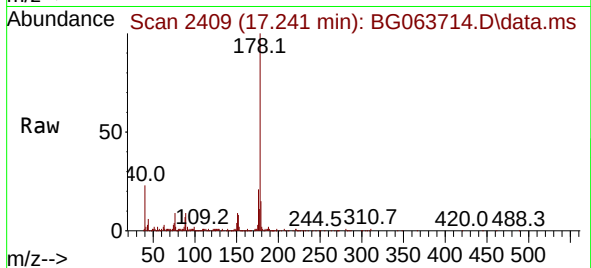
Tgt Ion:178 Resp: 127943

Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.2

176 21.0 15.8 23.6



#80

Fluoranthene

Concen: 4.015 ng/ul

RT: 19.257 min Scan# 2752

Delta R.T. -0.012 min

Lab File: BG063714.D

Acq: 18 Dec 2024 1:34

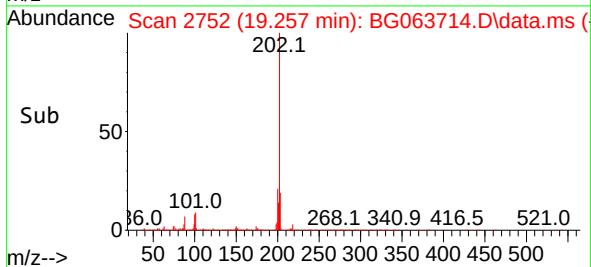
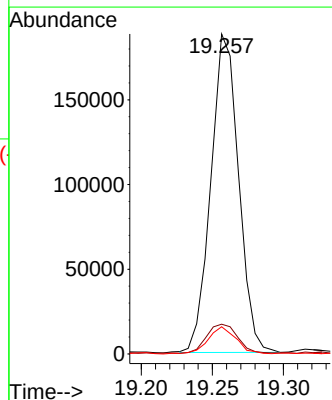
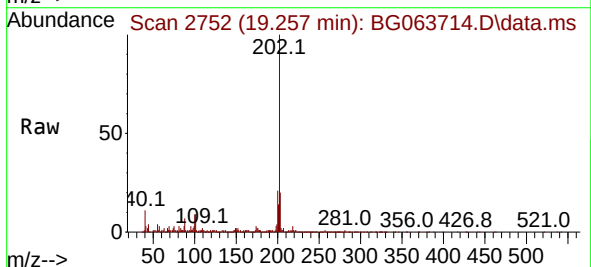
Tgt Ion:202 Resp: 255091

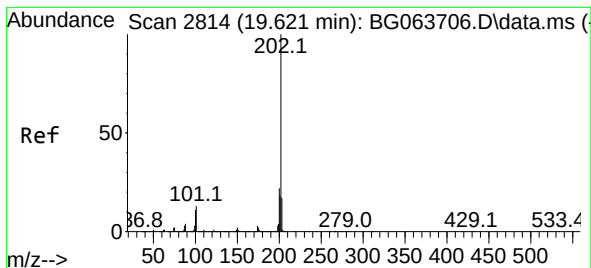
Ion Ratio Lower Upper

202 100

101 9.3 8.1 12.1

100 8.5 6.5 9.7





#82

Pyrene

Concen: 4.341 ng/ul

RT: 19.621 min Scan# 2814

Delta R.T. -0.012 min

Lab File: BG063714.D

Acq: 18 Dec 2024 1:34

Instrument :

BNA_G

ClientSampleId :

E28W1

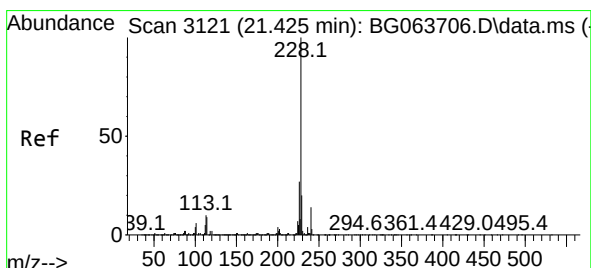
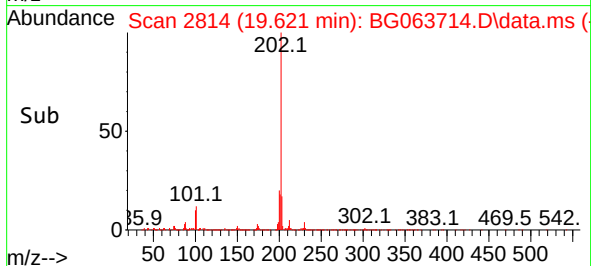
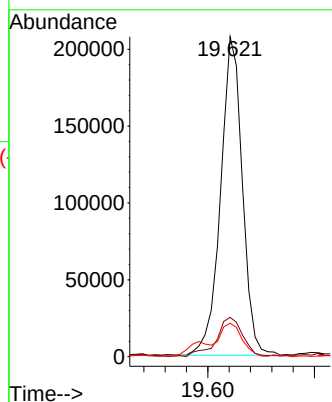
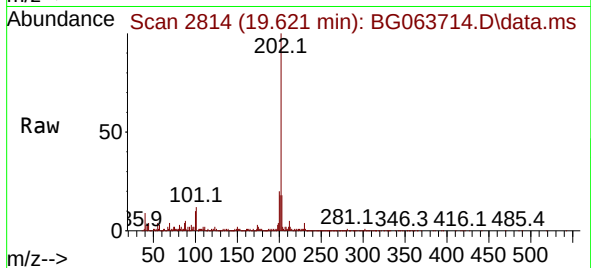
Tgt Ion:202 Resp: 293435

Ion Ratio Lower Upper

202 100

101 12.3 8.7 13.1

100 10.5 7.8 11.6



#85

Benzo(a)anthracene

Concen: 3.841 ng/ul

RT: 21.425 min Scan# 3121

Delta R.T. -0.018 min

Lab File: BG063714.D

Acq: 18 Dec 2024 1:34

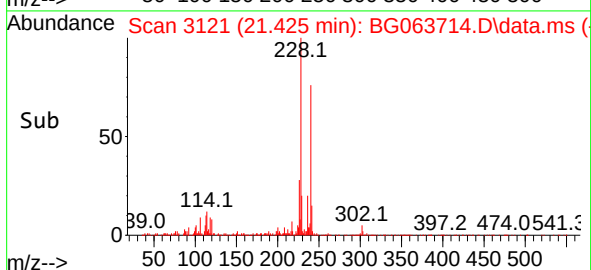
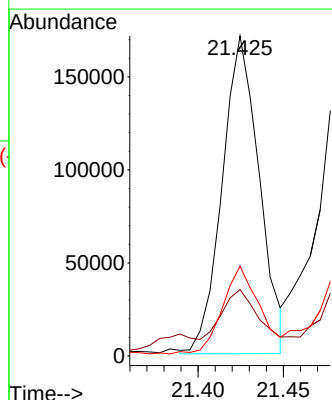
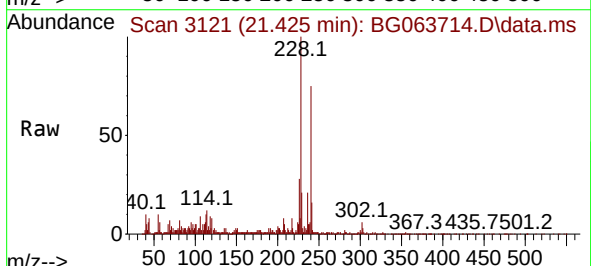
Tgt Ion:228 Resp: 258583

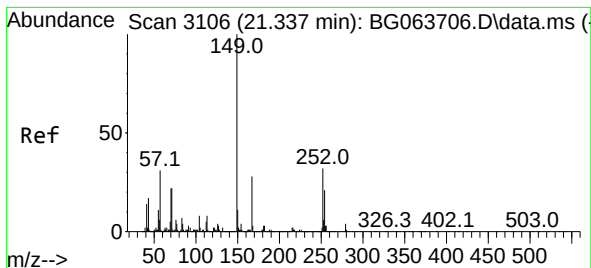
Ion Ratio Lower Upper

228 100

229 20.8 15.7 23.5

226 28.1 22.0 33.0

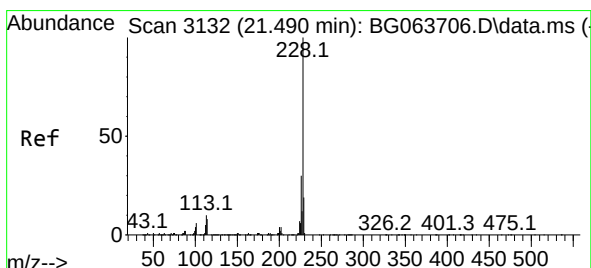
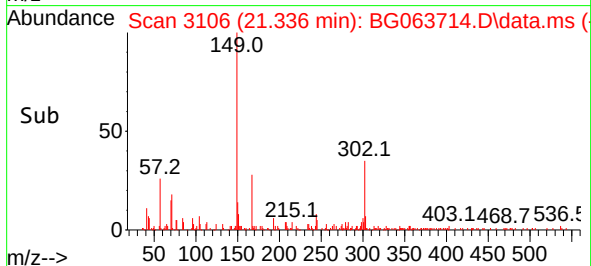
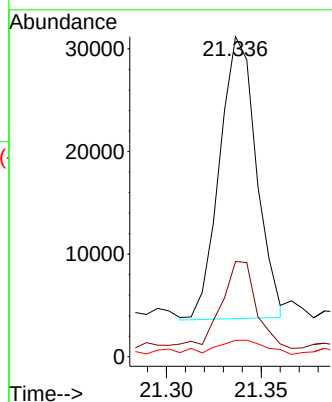
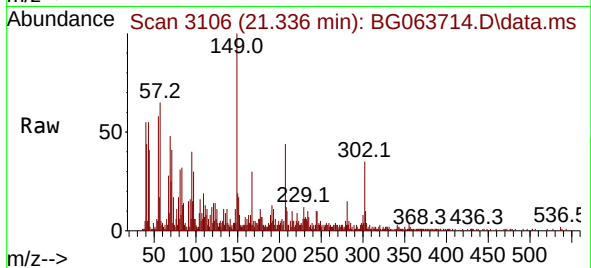




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.228 ng/ul
 RT: 21.336 min Scan# 3106
 Delta R.T. -0.018 min
 Lab File: BG063714.D
 Acq: 18 Dec 2024 1:34

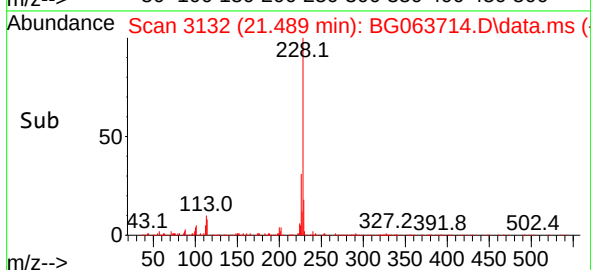
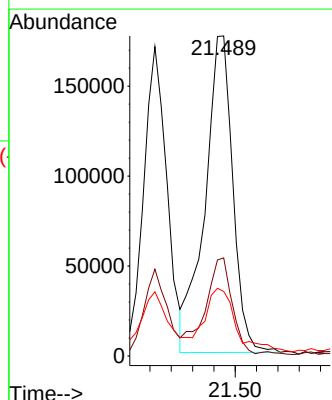
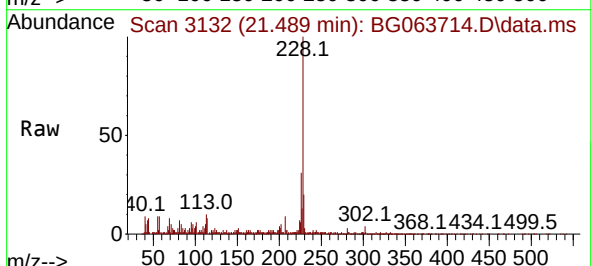
Instrument :
 BNA_G
 ClientSampleId :
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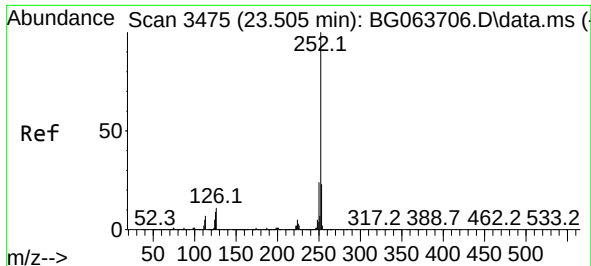
Tgt Ion:149 Resp: 37070
 Ion Ratio Lower Upper
 149 100
 167 29.8 22.1 33.1
 279 5.1 2.9 4.3#



#87
 Chrysene
 Concen: 4.999 ng/ul
 RT: 21.489 min Scan# 3132
 Delta R.T. -0.012 min
 Lab File: BG063714.D
 Acq: 18 Dec 2024 1:34

Tgt Ion:228 Resp: 320792
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.4 35.0
 229 20.1 14.8 22.2

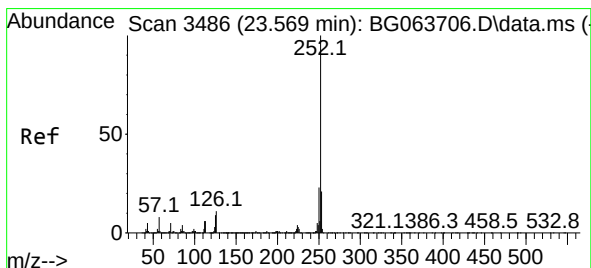
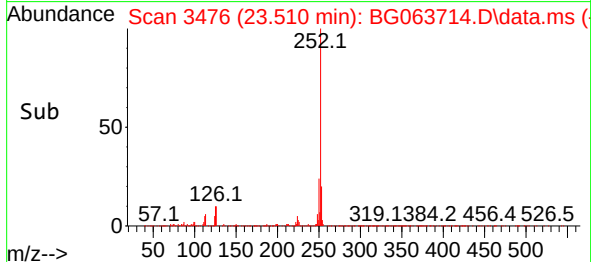
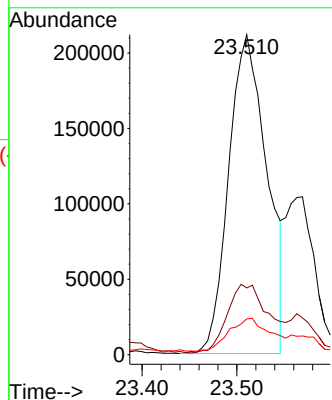
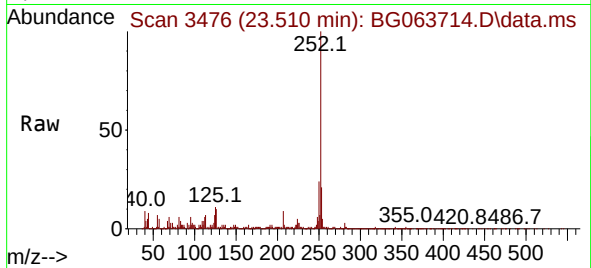




#90
Benzo(b)fluoranthene
Concen: 8.860 ng/ul
RT: 23.510 min Scan# 3475
Delta R.T. -0.012 min
Lab File: BG063714.D
Acq: 18 Dec 2024 1:34

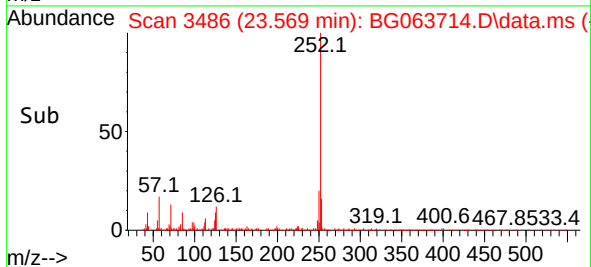
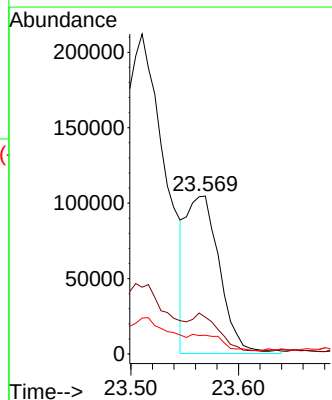
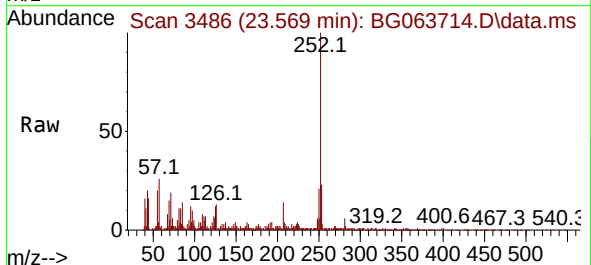
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BNA_G
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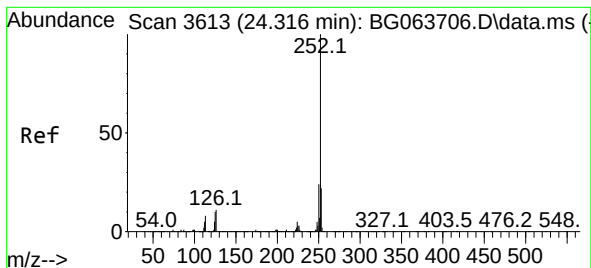
Tgt Ion:252 Resp: 592991
Ion Ratio Lower Upper
252 100
253 20.9 17.7 26.5
125 11.2 7.0 10.4#



#91
Benzo(k)fluoranthene
Concen: 3.383 ng/ul m
RT: 23.569 min Scan# 3486
Delta R.T. -0.018 min
Lab File: BG063714.D
Acq: 18 Dec 2024 1:34

Tgt Ion:252 Resp: 225833
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 11.9 6.5 9.7#





#93

Benzo(a)pyrene

Concen: 7.283 ng/ul

RT: 24.315 min Scan# 3

Delta R.T. -0.024 min

Lab File: BG063714.D

Acq: 18 Dec 2024 1:34

Instrument :

BNA_G

ClientSampleId :

E28W1

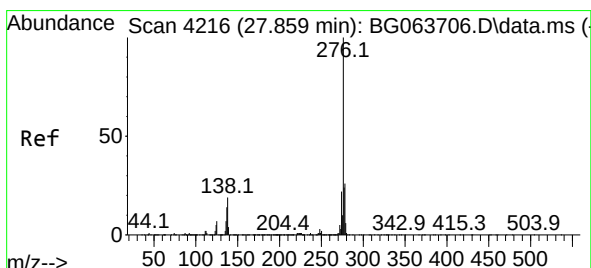
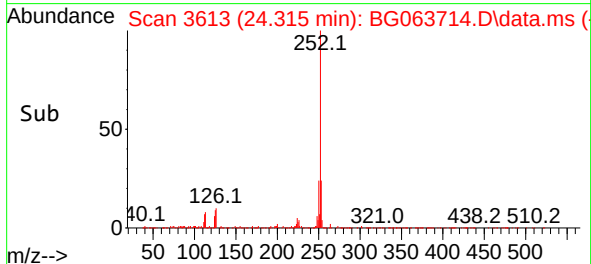
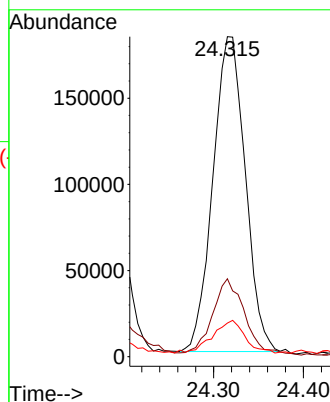
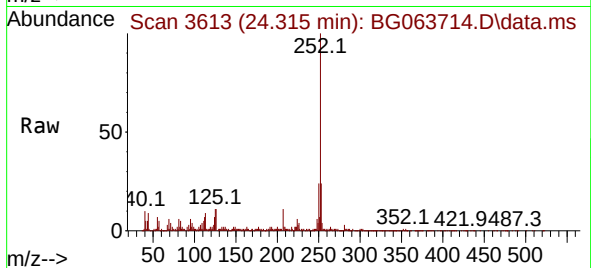
Tgt Ion:252 Resp: 457496

Ion Ratio Lower Upper

252 100

253 24.3 16.6 24.8

125 10.5 8.0 12.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.895 ng/ul

RT: 27.852 min Scan# 4215

Delta R.T. -0.036 min

Lab File: BG063714.D

Acq: 18 Dec 2024 1:34

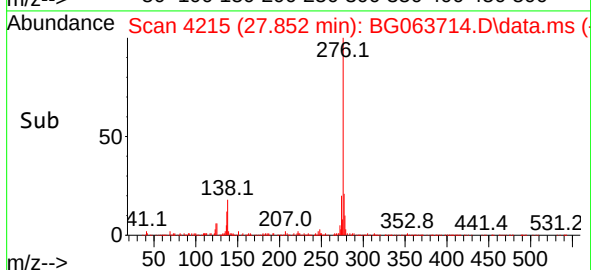
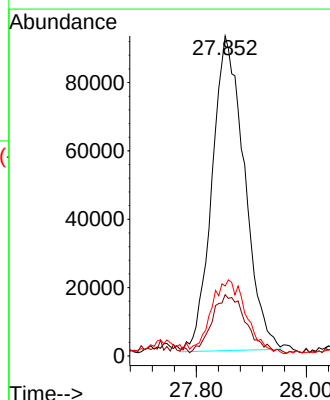
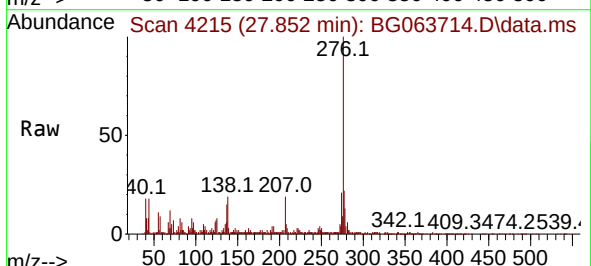
Tgt Ion:276 Resp: 375562

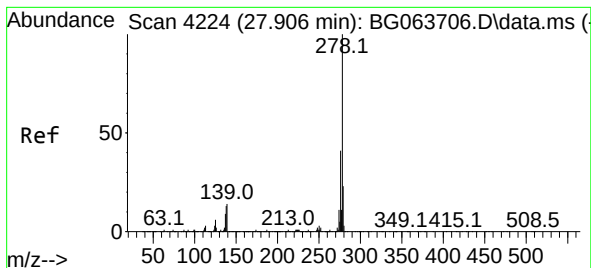
Ion Ratio Lower Upper

276 100

138 19.2 13.7 20.5

277 21.8 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 1.342 ng/ul m

RT: 27.893 min Scan# 41

Delta R.T. -0.042 min

Lab File: BG063714.D

Acq: 18 Dec 2024 1:34

Instrument :

BNA_G

ClientSampleId :

E28W1

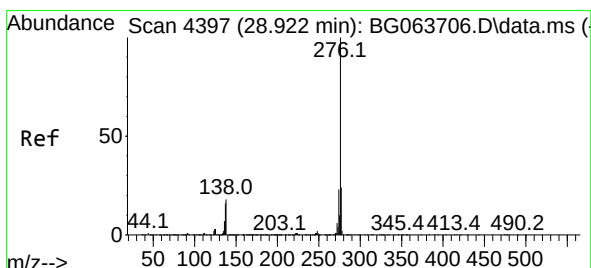
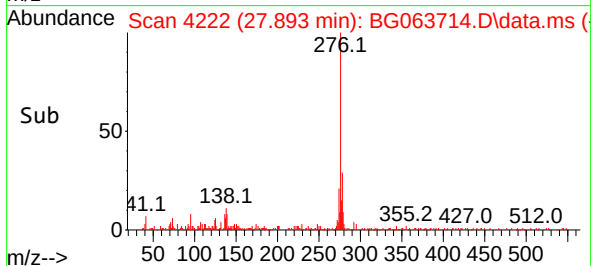
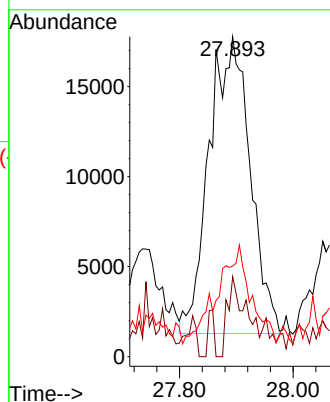
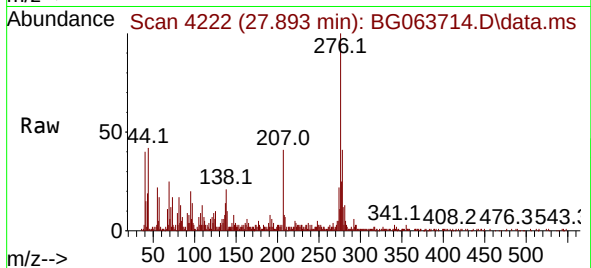
Tgt Ion:278 Resp: 82375

Ion Ratio Lower Upper

278 100

139 25.0 9.7 14.5#

279 28.3 17.3 25.9#



#96

Benzo(g,h,i)perylene

Concen: 6.876 ng/ul

RT: 28.922 min Scan# 4397

Delta R.T. -0.018 min

Lab File: BG063714.D

Acq: 18 Dec 2024 1:34

Tgt Ion:276 Resp: 418587

Ion Ratio Lower Upper

276 100

138 22.2 13.8 20.8#

277 24.6 17.8 26.8

