

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
 Data File : BG063715.D
 Acq On : 18 Dec 2024 2:11
 Operator : RC/JU
 Sample : P5155-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28W2

Quant Time: Dec 18 05:11:00 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)

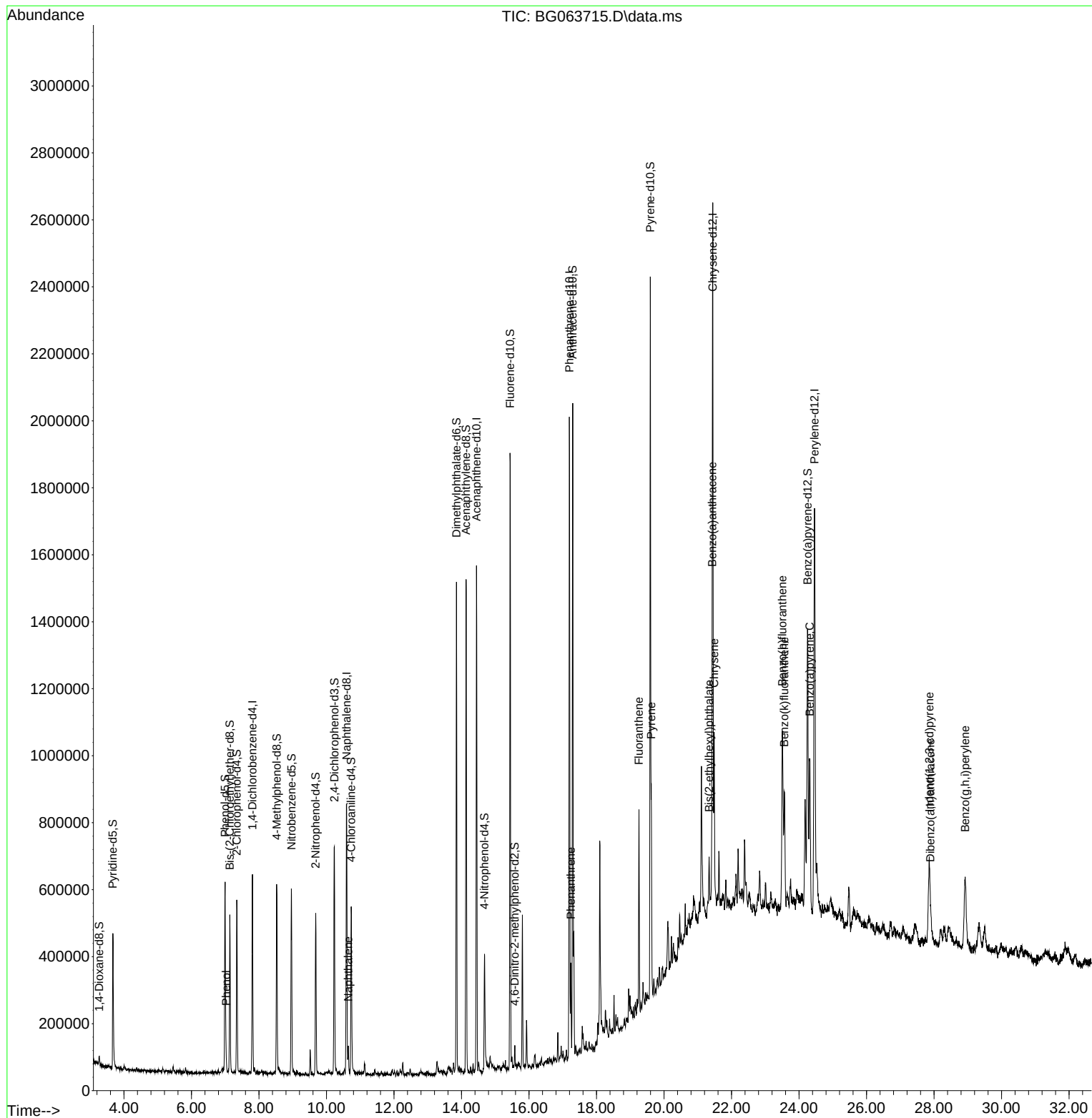
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	159140	20.000	ng/u1	0.00
20) Naphthalene-d8	10.591	136	671993	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.445	164	518358	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	1151155	20.000	ng/u1	-0.01
79) Chrysene-d12	21.443	240	1062859	20.000	ng/u1	-0.02
88) Perylene-d12	24.457	264	1144652	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	15231	3.751	ng/uL	-0.01
4) Pyridine-d5	3.669	84	255594	19.952	ng/u1	-0.02
7) Phenol-d5	6.995	99	334913	22.851	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	222571	21.987	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.341	132	220568	23.245	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	214601	18.859	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	121386m	25.299	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	144565	26.879	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.232	165	258152	24.791	ng/u1	0.00
31) 4-Chloroaniline-d4	10.732	131	271432m	20.529	ng/u1	-0.01
46) Dimethylphthalate-d6	13.851	166	963792	27.325	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	991917	24.670	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.680	143	102450m	20.500	ng/u1	0.00
60) Fluorene-d10	15.438	176	737963	23.664	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.573	200	16520	2.764	ng/u1	0.00
73) Anthracene-d10	17.294	188	1103654	22.300	ng/u1	-0.01
81) Pyrene-d10	19.592	212	1131520	20.458	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.251	264	864885	16.090	ng/u1	-0.02
Target Compounds						Qvalue
8) Phenol	7.024	94	24448	1.565	ng/u1	96
30) Naphthalene	10.643	128	58923	1.754	ng/u1#	95
72) Phenanthrene	17.242	178	178054	3.210	ng/u1	94
80) Fluoranthene	19.257	202	352150	5.602	ng/u1	97
82) Pyrene	19.621	202	367699	5.498	ng/u1	95
85) Benzo(a)anthracene	21.425	228	274504	4.121	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	61505	2.059	ng/u1#	98
87) Chrysene	21.484	228	318641	5.019	ng/u1	94
90) Benzo(b)fluoranthene	23.505	252	612451	9.414	ng/u1#	97
91) Benzo(k)fluoranthene	23.564	252	219991m	3.390	ng/u1	
93) Benzo(a)pyrene	24.316	252	475080	7.780	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.859	276	369486	4.955	ng/u1#	93
95) Dibenzo(a,h)anthracene	27.894	278	88058m	1.476	ng/u1	
96) Benzo(g,h,i)perylene	28.922	276	420457m	7.105	ng/u1	

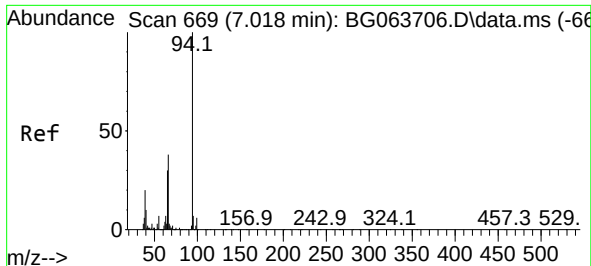
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
Data File : BG063715.D
Acq On : 18 Dec 2024 2:11
Operator : RC/JU
Sample : P5155-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28W2

Quant Time: Dec 18 05:11:00 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

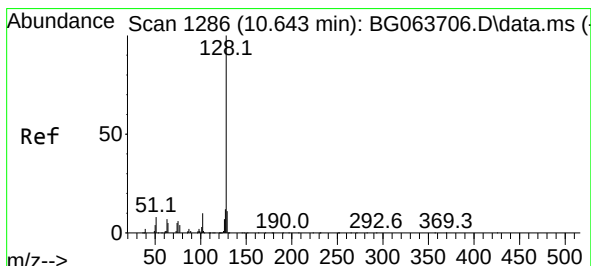
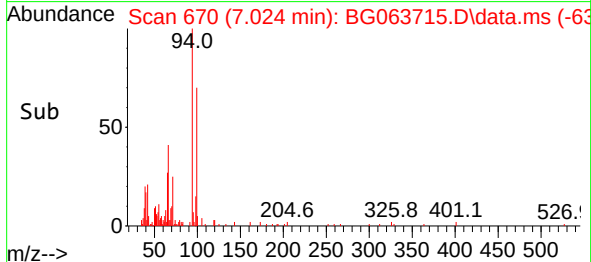
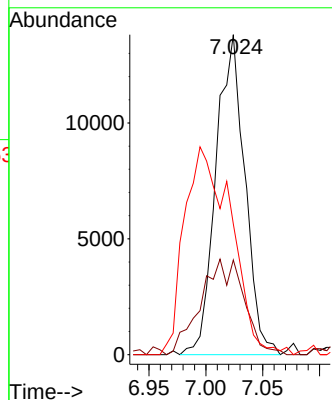
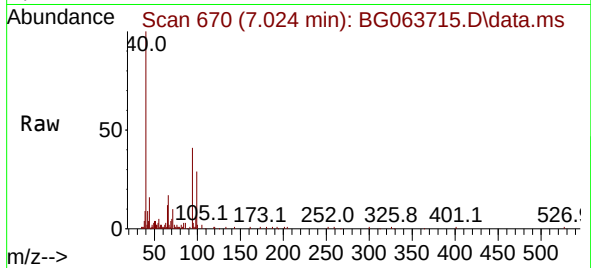




#8
Phenol
Concen: 1.565 ng/ul
RT: 7.024 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG063715.D
Acq: 18 Dec 2024 2:11

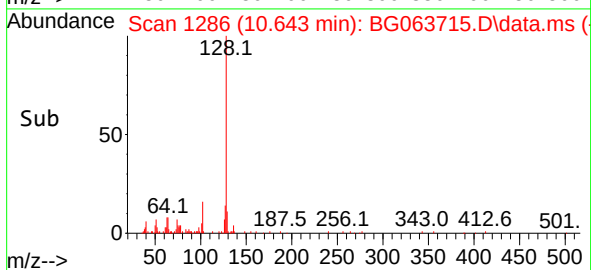
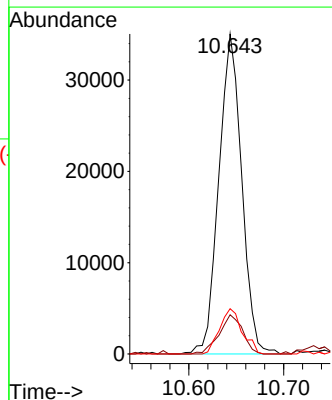
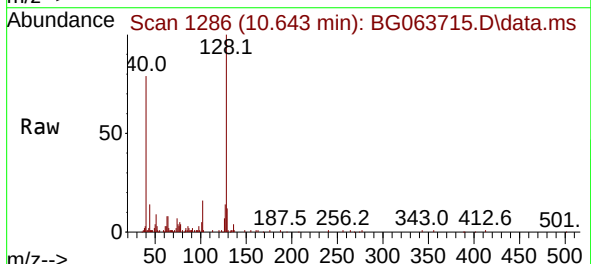
Instrument :
BNA_G
ClientSampleId :
E28W2

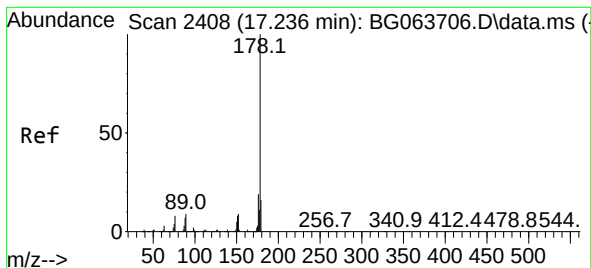
Tgt Ion: 94 Resp: 24448
Ion Ratio Lower Upper
94 100
65 29.6 25.6 38.4
66 40.8 34.2 51.2



#30
Naphthalene
Concen: 1.754 ng/ul
RT: 10.643 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG063715.D
Acq: 18 Dec 2024 2:11

Tgt Ion: 128 Resp: 58923
Ion Ratio Lower Upper
128 100
129 12.3 8.2 12.2#
127 14.2 9.8 14.8





#72

Phenanthrene

Concen: 3.210 ng/ul

RT: 17.242 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BG063715.D

Acq: 18 Dec 2024 2:11

Instrument :

BNA_G

ClientSampleId :

E28W2

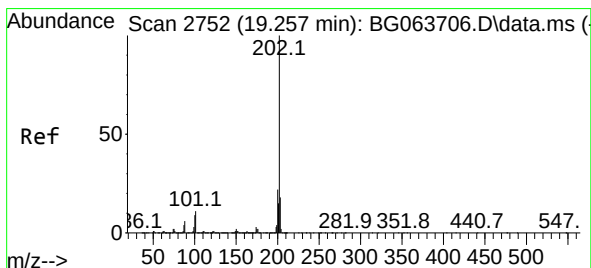
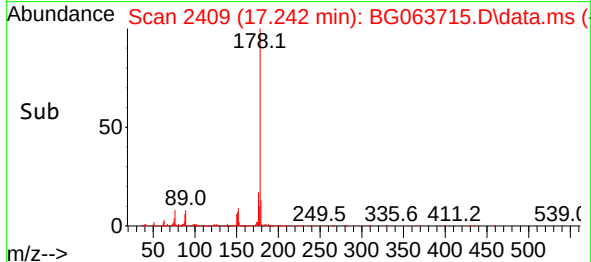
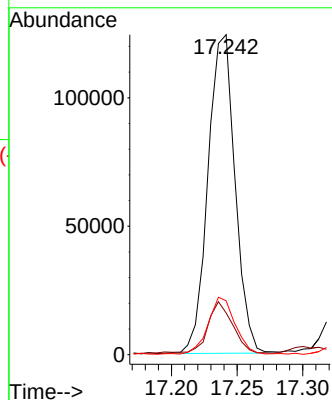
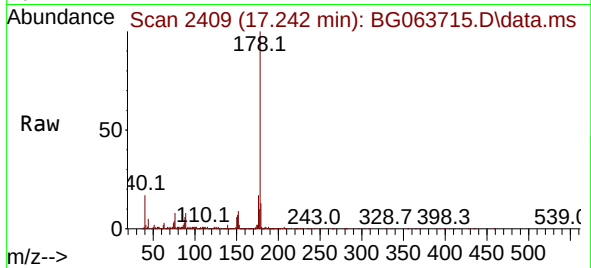
Tgt Ion:178 Resp: 178054

Ion Ratio Lower Upper

178 100

179 13.1 12.2 18.2

176 16.8 15.8 23.6



#80

Fluoranthene

Concen: 5.602 ng/ul

RT: 19.257 min Scan# 2752

Delta R.T. -0.012 min

Lab File: BG063715.D

Acq: 18 Dec 2024 2:11

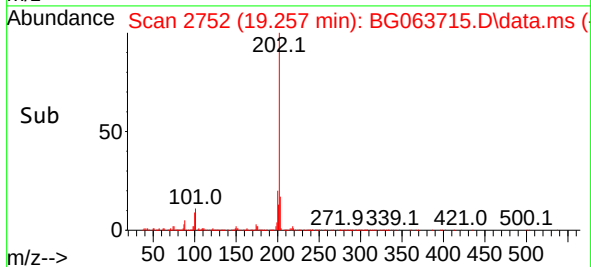
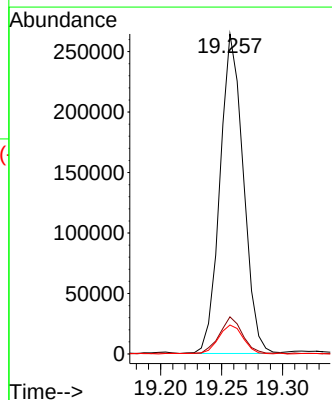
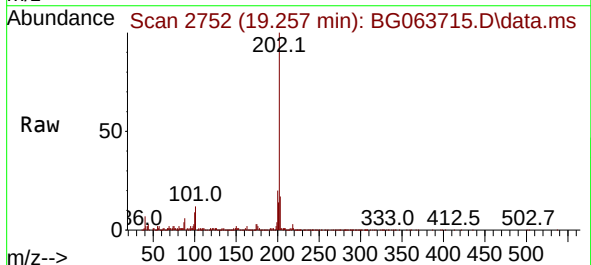
Tgt Ion:202 Resp: 352150

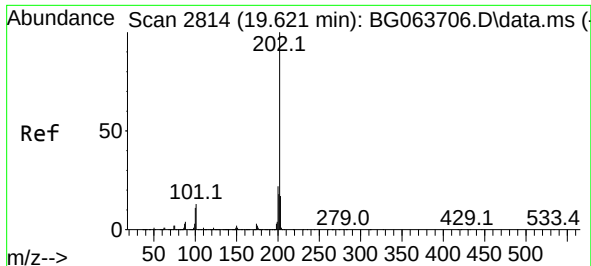
Ion Ratio Lower Upper

202 100

101 11.6 8.1 12.1

100 9.0 6.5 9.7

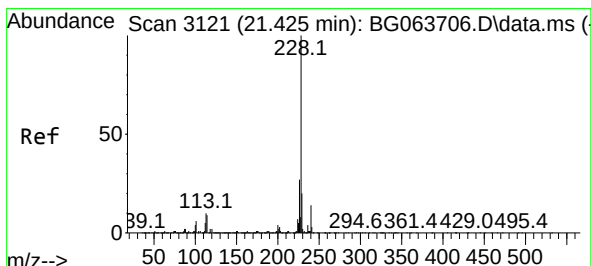
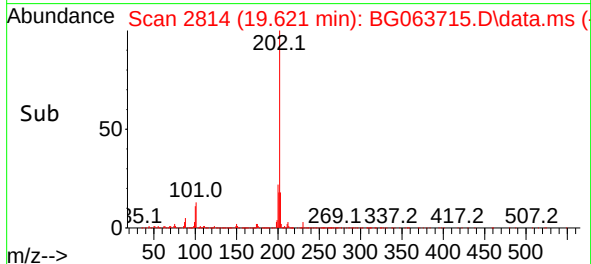
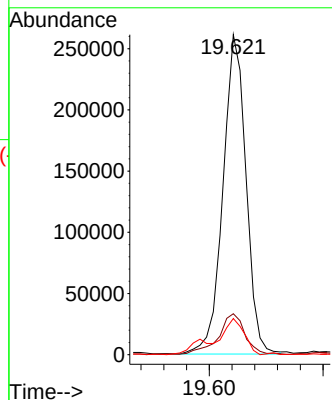
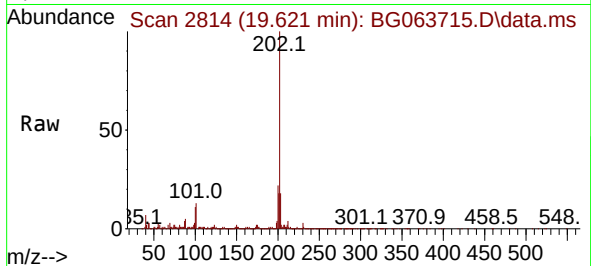




#82
Pyrene
Concen: 5.498 ng/ul
RT: 19.621 min Scan# 2814
Delta R.T. -0.012 min
Lab File: BG063715.D
Acq: 18 Dec 2024 2:11

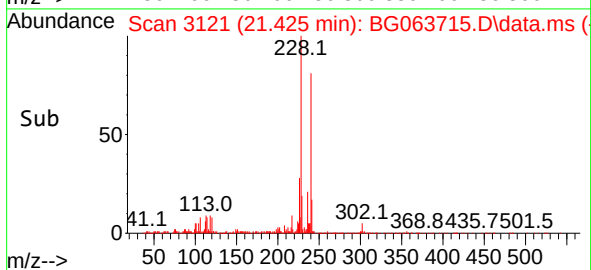
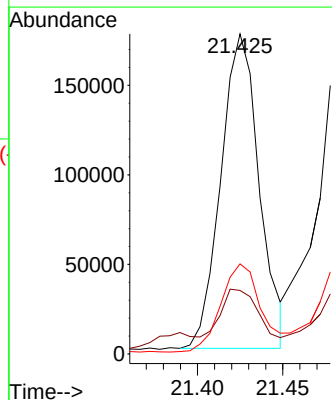
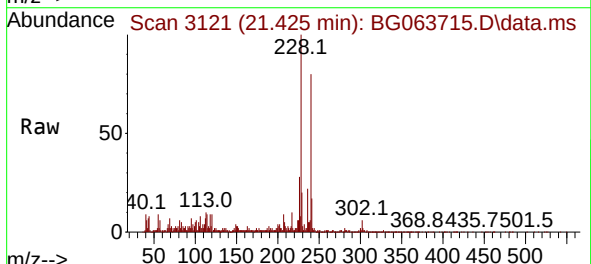
Instrument :
BNA_G
ClientSampleId :
E28W2

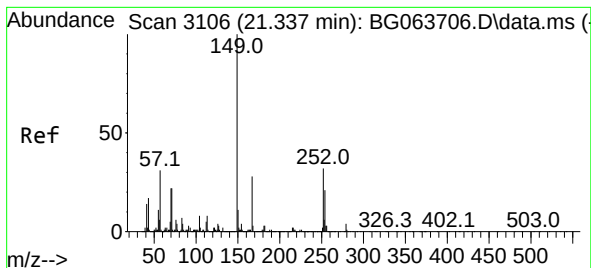
Tgt Ion:202 Resp: 367699
Ion Ratio Lower Upper
202 100
101 12.8 8.7 13.1
100 11.3 7.8 11.6



#85
Benzo(a)anthracene
Concen: 4.121 ng/ul
RT: 21.425 min Scan# 3121
Delta R.T. -0.018 min
Lab File: BG063715.D
Acq: 18 Dec 2024 2:11

Tgt Ion:228 Resp: 274504
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.2 22.0 33.0

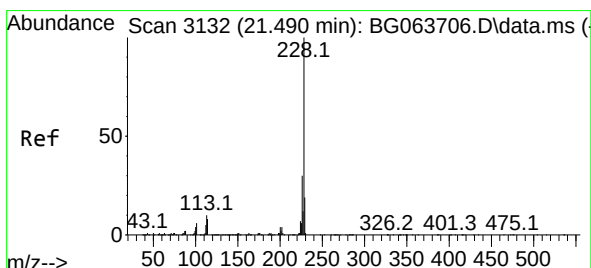
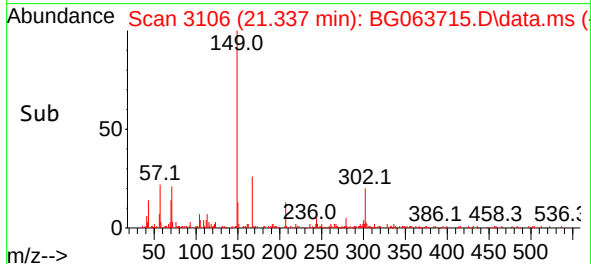
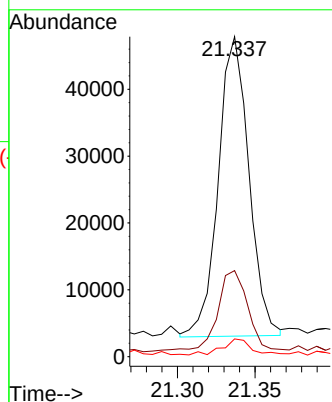
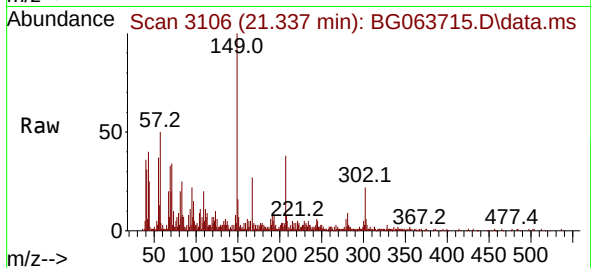




#86
Bis(2-ethylhexyl)phthalate
Concen: 2.059 ng/ul
RT: 21.337 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BG063715.D
Acq: 18 Dec 2024 2:11

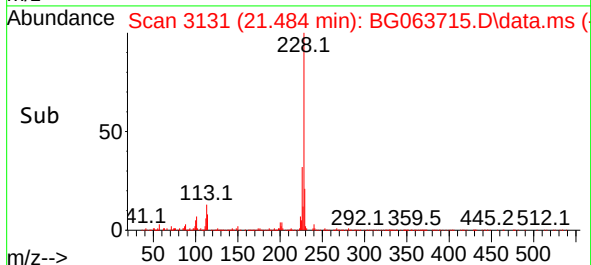
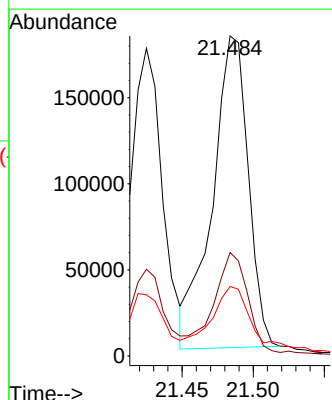
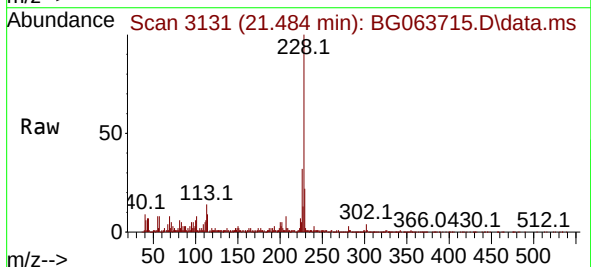
Instrument :
BNA_G
ClientSampleId :
E28W2

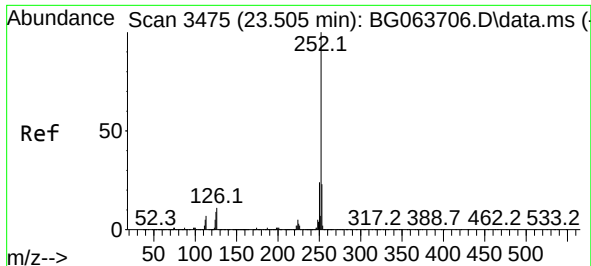
Tgt Ion:149 Resp: 61505
Ion Ratio Lower Upper
149 100
167 26.9 22.1 33.1
279 5.5 2.9 4.3#



#87
Chrysene
Concen: 5.019 ng/ul
RT: 21.484 min Scan# 3131
Delta R.T. -0.018 min
Lab File: BG063715.D
Acq: 18 Dec 2024 2:11

Tgt Ion:228 Resp: 318641
Ion Ratio Lower Upper
228 100
226 32.3 23.4 35.0
229 21.7 14.8 22.2

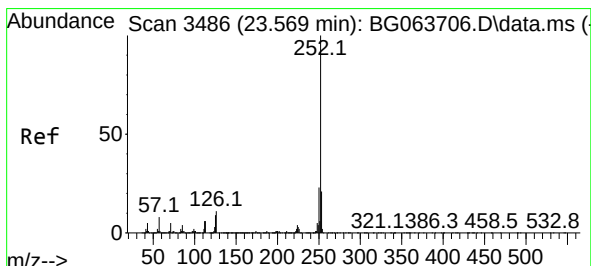
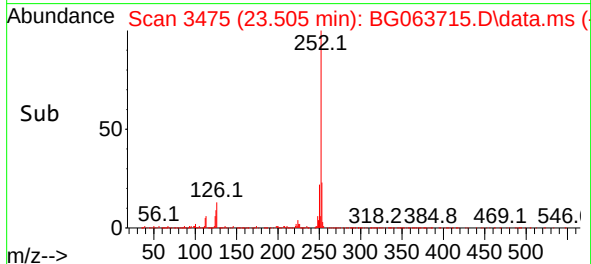
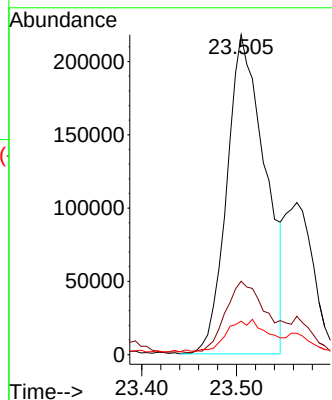
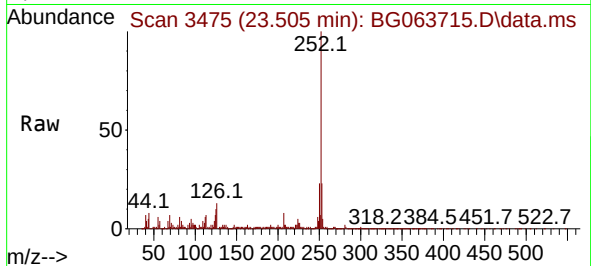




#90
Benzo(b)fluoranthene
Concen: 9.414 ng/ul
RT: 23.505 min Scan# 3475
Delta R.T. -0.018 min
Lab File: BG063715.D
Acq: 18 Dec 2024 2:11

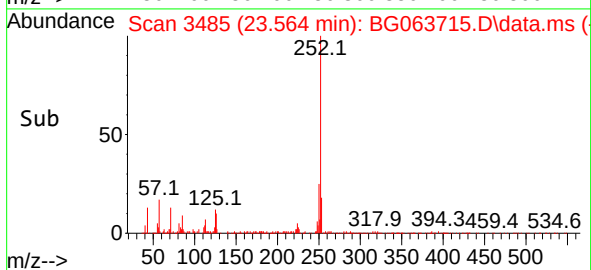
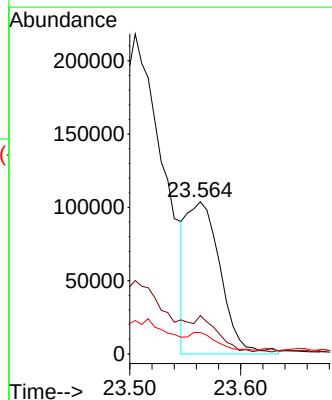
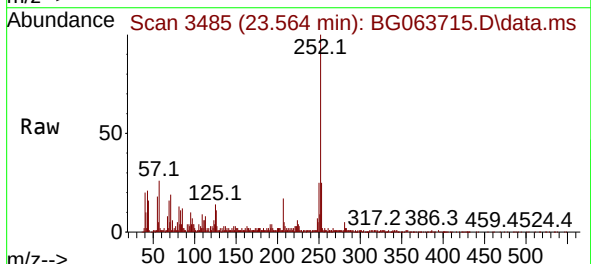
Instrument :
BNA_G
ClientSampleId :
E28W2

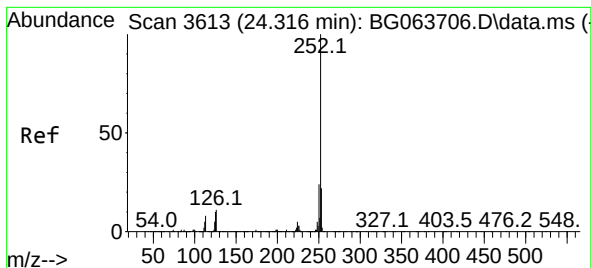
Tgt Ion:252 Resp: 612451
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 10.4 7.0 10.4#



#91
Benzo(k)fluoranthene
Concen: 3.390 ng/ul m
RT: 23.564 min Scan# 3485
Delta R.T. -0.024 min
Lab File: BG063715.D
Acq: 18 Dec 2024 2:11

Tgt Ion:252 Resp: 219991
Ion Ratio Lower Upper
252 100
253 25.3 17.7 26.5
125 14.1 6.5 9.7#





#93

Benzo(a)pyrene

Concen: 7.780 ng/ul

RT: 24.316 min Scan# 3

Delta R.T. -0.024 min

Lab File: BG063715.D

Acq: 18 Dec 2024 2:11

Instrument :

BNA_G

ClientSampleId :

E28W2

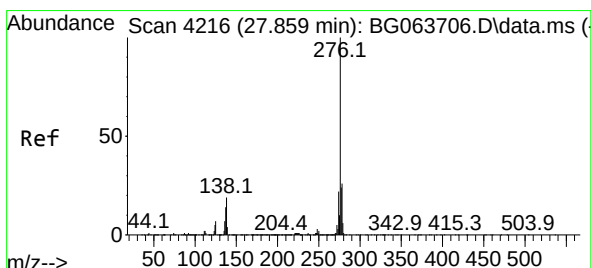
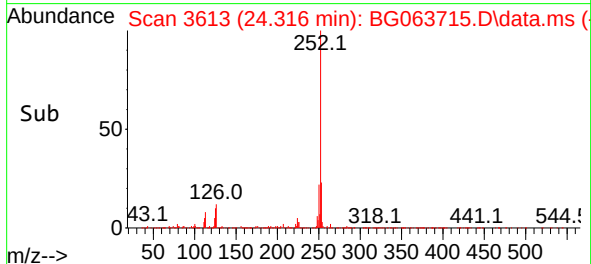
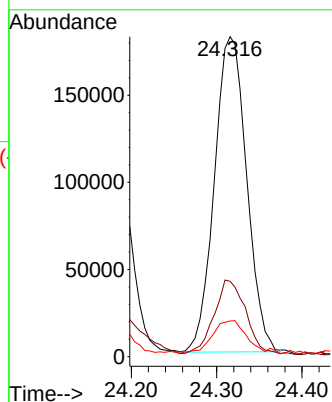
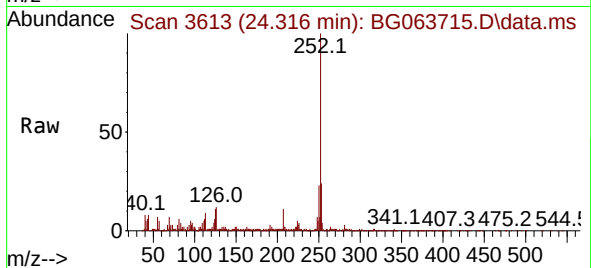
Tgt Ion:252 Resp: 475080

Ion Ratio Lower Upper

252 100

253 23.6 16.6 24.8

125 11.2 8.0 12.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.955 ng/ul

RT: 27.859 min Scan# 4216

Delta R.T. -0.030 min

Lab File: BG063715.D

Acq: 18 Dec 2024 2:11

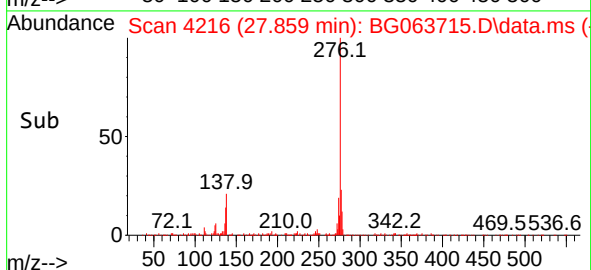
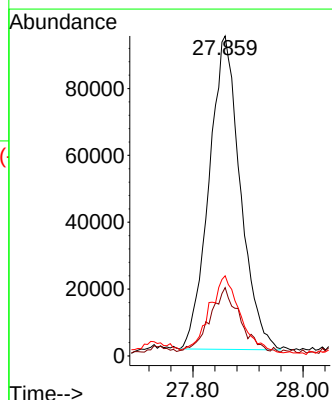
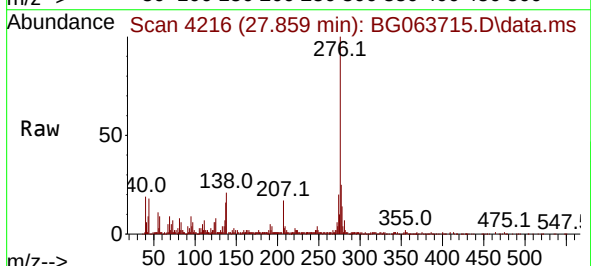
Tgt Ion:276 Resp: 369486

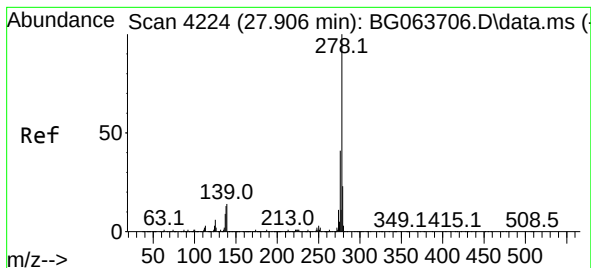
Ion Ratio Lower Upper

276 100

138 21.4 13.7 20.5#

277 25.1 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 1.476 ng/ul m

RT: 27.894 min Scan# 4222

Delta R.T. -0.041 min

Lab File: BG063715.D

Acq: 18 Dec 2024 2:11

Instrument :

BNA_G

ClientSampleId :

E28W2

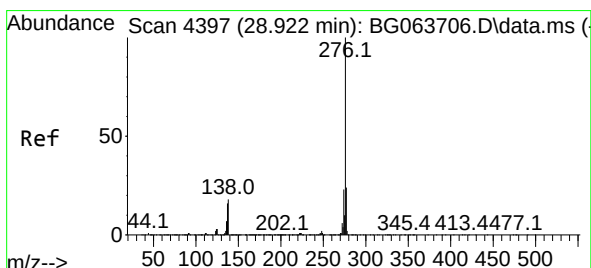
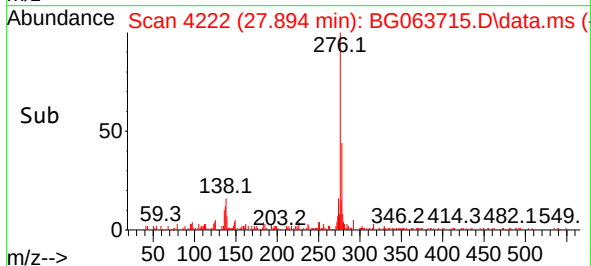
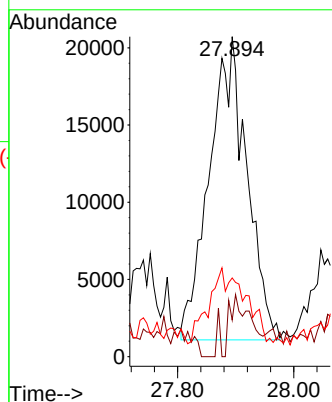
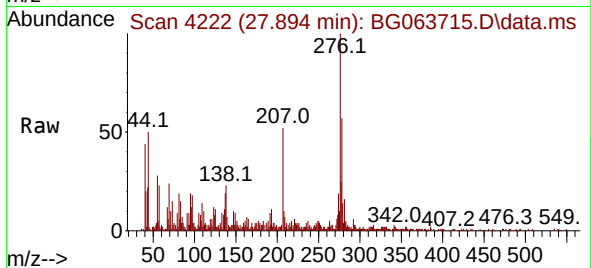
Tgt Ion:278 Resp: 88058

Ion Ratio Lower Upper

278 100

139 11.4 9.7 14.5

279 24.6 17.3 25.9



#96

Benzo(g,h,i)perylene

Concen: 7.105 ng/ul m

RT: 28.922 min Scan# 4397

Delta R.T. -0.018 min

Lab File: BG063715.D

Acq: 18 Dec 2024 2:11

Tgt Ion:276 Resp: 420457

Ion Ratio Lower Upper

276 100

138 19.2 13.8 20.8

277 26.0 17.8 26.8

