

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063835.D
 Acq On : 26 Dec 2024 15:08
 Operator : RC/JU
 Sample : P5333-11DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2913DL

Quant Time: Dec 27 01:20:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

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

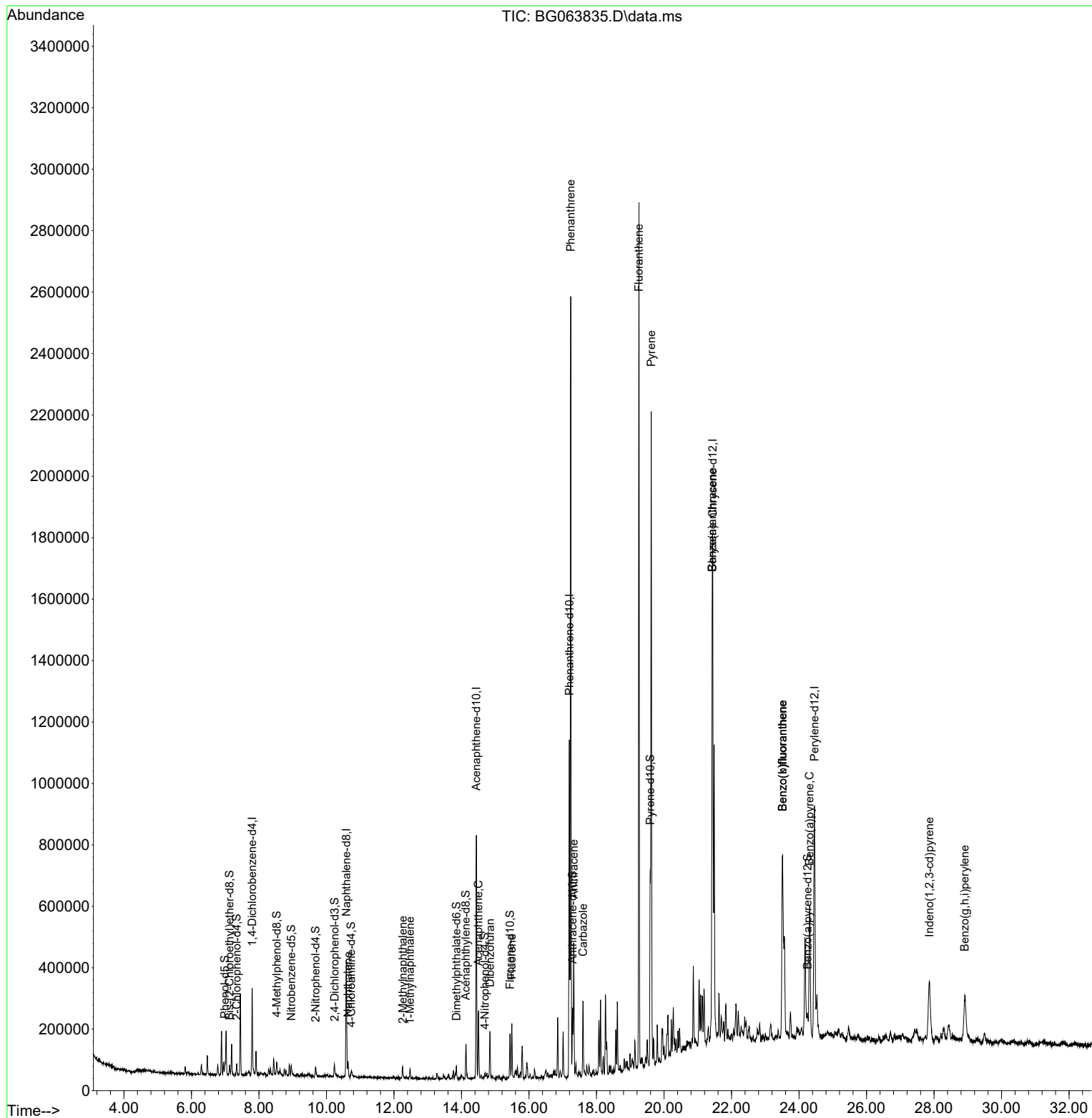
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	73820	20.000	ng/u1	0.00
20) Naphthalene-d8	10.585	136	317429	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	262792	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	663269	20.000	ng/u1	0.00
79) Chrysene-d12	21.442	240	692813	20.000	ng/u1	0.00
88) Perylene-d12	24.457	264	729566	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	242	0.128	ng/uL	0.02
4) Pyridine-d5	3.675	84	2356	0.396	ng/u1	0.01
7) Phenol-d5	6.989	99	22503	3.310	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	14390	3.065	ng/u1	0.00
11) 2-Chlorophenol-d4	7.335	132	14684	3.336	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	16413	3.109	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	7126	3.144	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	8901	3.504	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.238	165	17843	3.627	ng/u1	0.02
31) 4-Chloroaniline-d4	10.732	131	6790	1.087	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	30028	1.679	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	74161	3.638	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	2836	1.119	ng/u1	0.02
60) Fluorene-d10	15.438	176	57137	3.614	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	2832	0.822	ng/u1	0.02
73) Anthracene-d10	17.289	188	110199	3.864	ng/u1	0.00
81) Pyrene-d10	19.592	212	110101	3.054	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.251	264	78219	2.283	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.637	128	39094	2.463	ng/u1	99
36) 2-Methylnaphthalene	12.259	142	17580	1.541	ng/u1	90
37) 1-Methylnaphthalene	12.477	142	13354	1.149	ng/u1#	81
52) Acenaphthene	14.504	153	88270	5.698	ng/u1	95
56) Dibenzofuran	14.844	168	99913	4.575	ng/u1	96
61) Fluorene	15.491	166	75970	4.356	ng/u1	99
72) Phenanthrene	17.236	178	1532105	47.934	ng/u1	99
74) Anthracene	17.324	178	270231	8.353	ng/u1	98
77) Carbazole	17.600	167	157379	6.010	ng/u1	96
80) Fluoranthene	19.257	202	1693957	41.339	ng/u1	97
82) Pyrene	19.621	202	1337494	30.679	ng/u1	95
85) Benzo(a)anthracene	21.425	228	670037	15.432	ng/u1	97
87) Chrysene	21.425	228	669441	16.177	ng/u1	95
90) Benzo(b)fluoranthene	23.511	252	744469	17.954	ng/u1	98
91) Benzo(k)fluoranthene	23.511	252	744469	17.999	ng/u1	97
93) Benzo(a)pyrene	24.310	252	452840	11.635	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.858	276	299859	6.309	ng/u1	97
96) Benzo(g,h,i)perylene	28.910	276	261878	6.943	ng/u1#	96

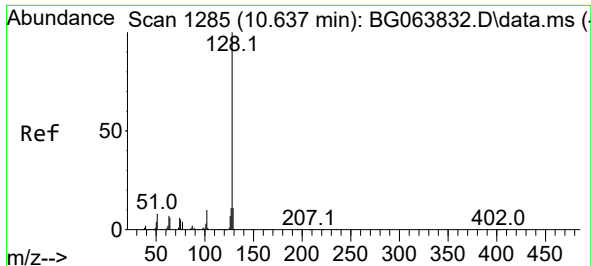
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063835.D
Acq On : 26 Dec 2024 15:08
Operator : RC/JU
Sample : P5333-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2913DL

Quant Time: Dec 27 01:20:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

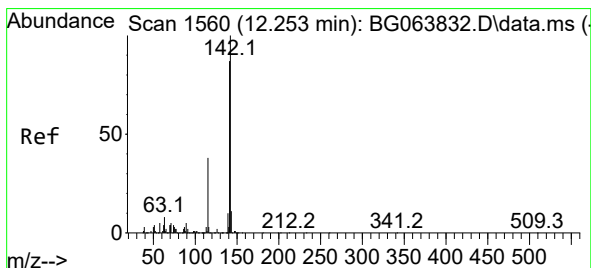
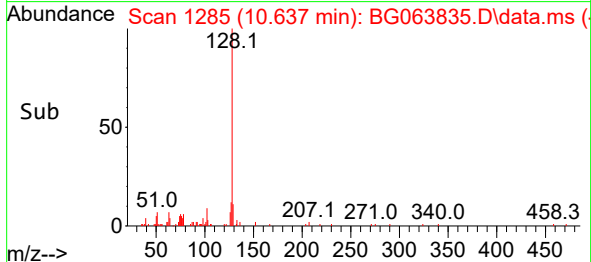
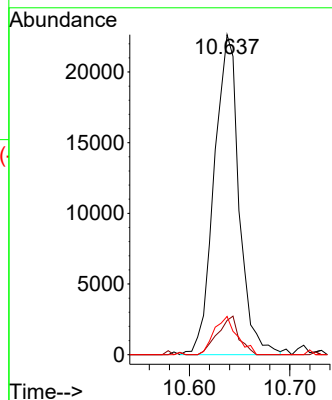
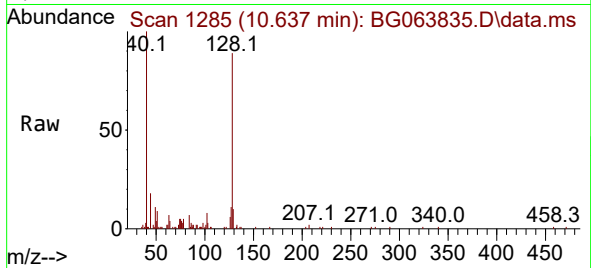




#30
Naphthalene
Concen: 2.463 ng/ul
RT: 10.637 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BG063835.D
Acq: 26 Dec 2024 15:08

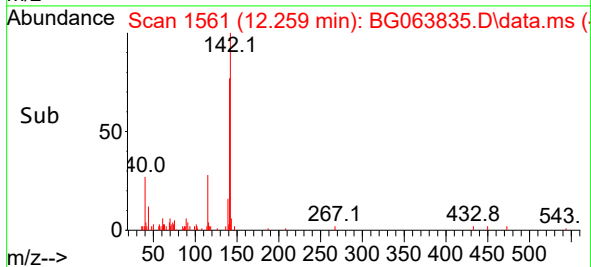
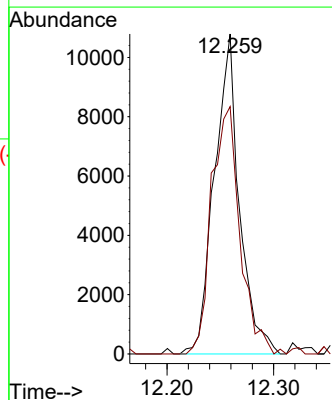
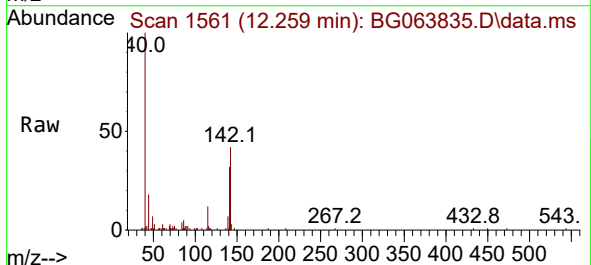
Instrument :
BNA_G
ClientSampleId :
E2913DL

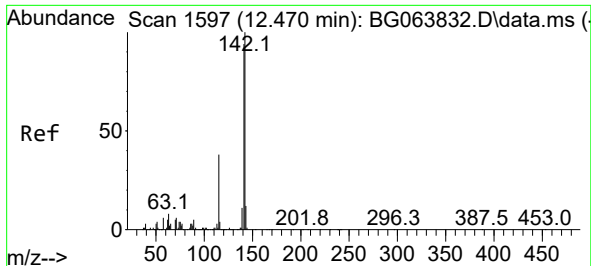
Tgt Ion:128 Resp: 39094
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.2
127 11.9 9.8 14.8



#36
2-Methylnaphthalene
Concen: 1.541 ng/ul
RT: 12.259 min Scan# 1561
Delta R.T. 0.006 min
Lab File: BG063835.D
Acq: 26 Dec 2024 15:08

Tgt Ion:142 Resp: 17580
Ion Ratio Lower Upper
142 100
141 77.3 69.5 104.3





#37

1-Methylnaphthalene

Concen: 1.149 ng/ul

RT: 12.477 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG063835.D

Acq: 26 Dec 2024 15:08

Instrument :

BNA_G

ClientSampleId :

E2913DL

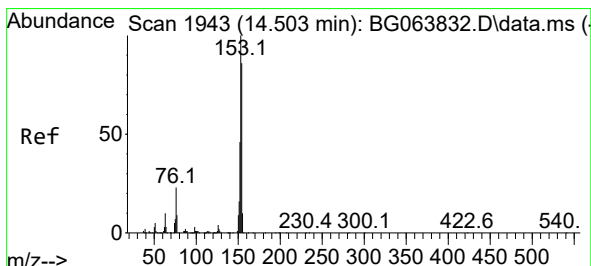
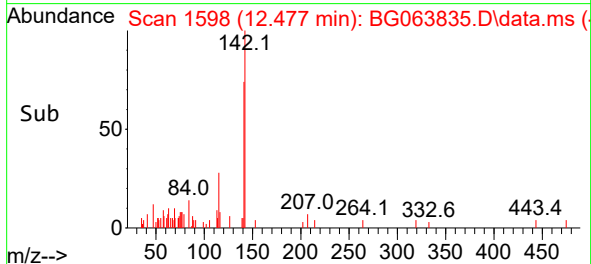
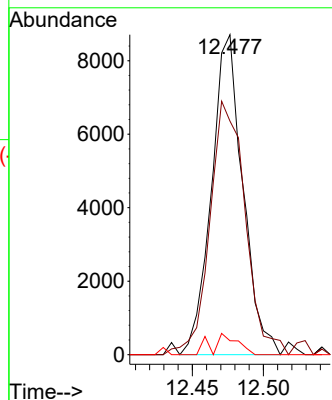
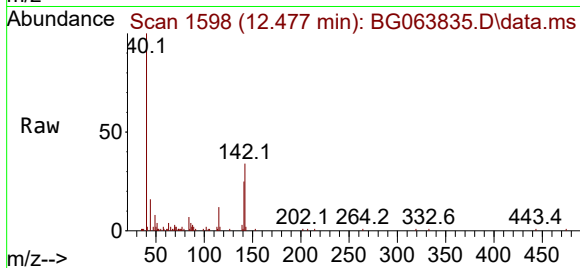
Tgt Ion:142 Resp: 13354

Ion Ratio Lower Upper

142 100

141 73.0 73.8 110.6#

116 4.4 3.5 5.3



#52

Acenaphthene

Concen: 5.698 ng/ul

RT: 14.504 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BG063835.D

Acq: 26 Dec 2024 15:08

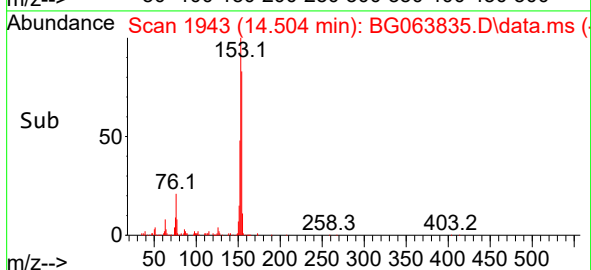
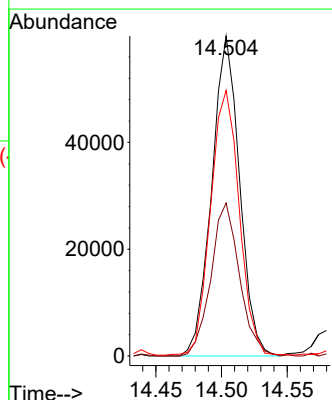
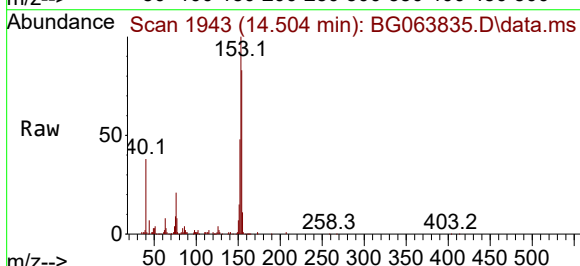
Tgt Ion:153 Resp: 88270

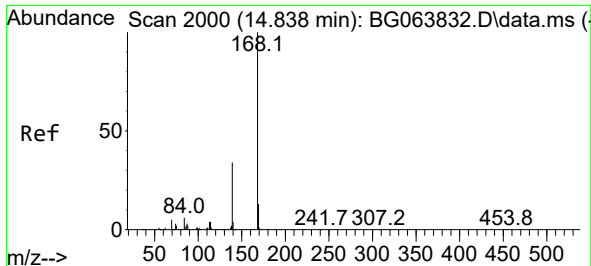
Ion Ratio Lower Upper

153 100

152 47.8 40.2 60.4

154 83.0 70.8 106.2

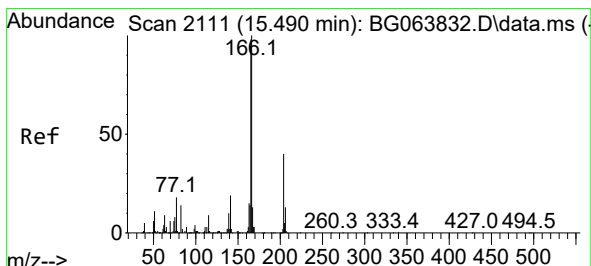
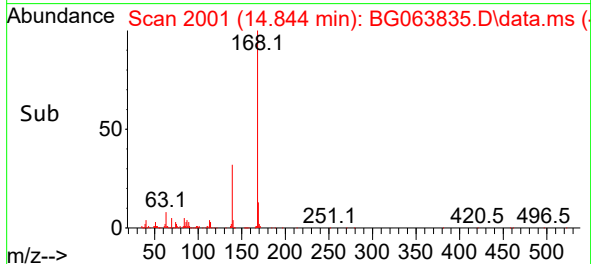
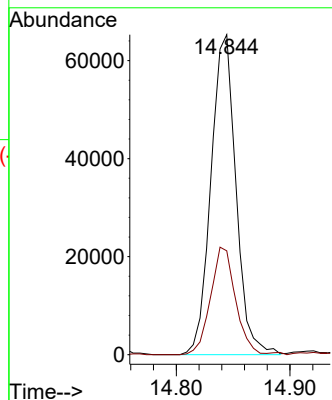
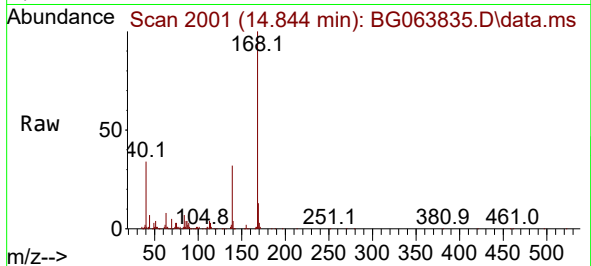




#56
Dibenzenofuran
Concen: 4.575 ng/ul
RT: 14.844 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BG063835.D
Acq: 26 Dec 2024 15:08

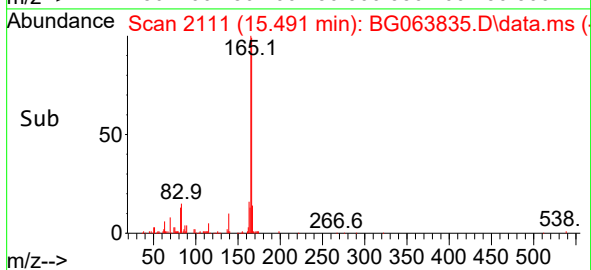
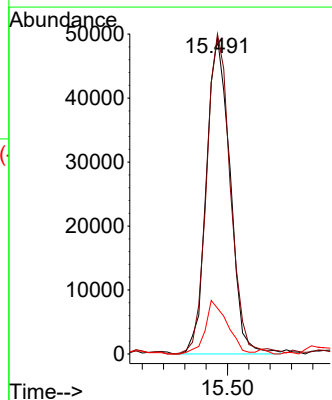
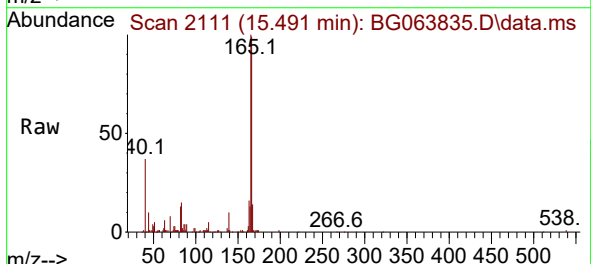
Instrument :
BNA_G
ClientSampleId :
E2913DL

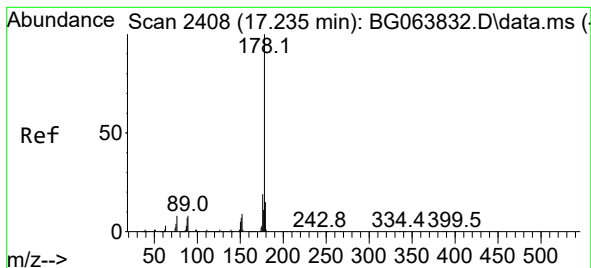
Tgt Ion:168 Resp: 99913
Ion Ratio Lower Upper
168 100
139 32.4 27.8 41.8



#61
Fluorene
Concen: 4.356 ng/ul
RT: 15.491 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BG063835.D
Acq: 26 Dec 2024 15:08

Tgt Ion:166 Resp: 75970
Ion Ratio Lower Upper
166 100
165 101.1 81.9 122.9
167 14.4 11.4 17.0





#72

Phenanthrene

Concen: 47.934 ng/ul

RT: 17.236 min Scan# 2408

Delta R.T. 0.006 min

Lab File: BG063835.D

Acq: 26 Dec 2024 15:08

Instrument :

BNA_G

ClientSampleId :

E2913DL

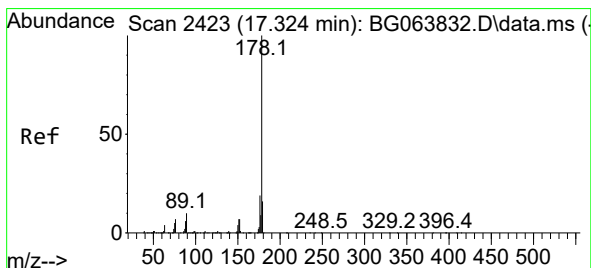
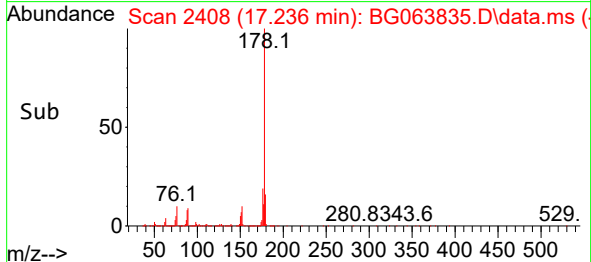
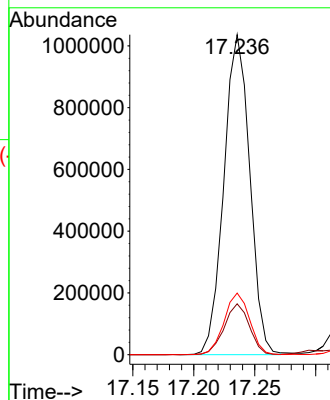
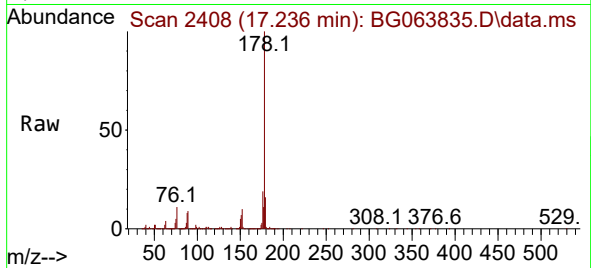
Tgt Ion:178 Resp: 1532105

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.2

176 19.3 15.8 23.6



#74

Anthracene

Concen: 8.353 ng/ul

RT: 17.324 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BG063835.D

Acq: 26 Dec 2024 15:08

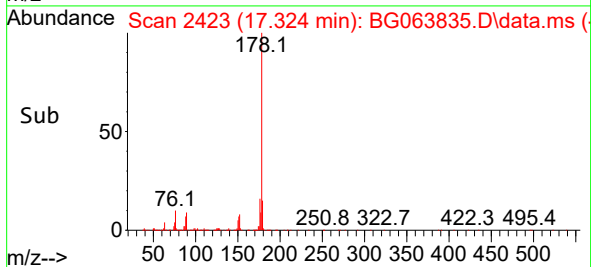
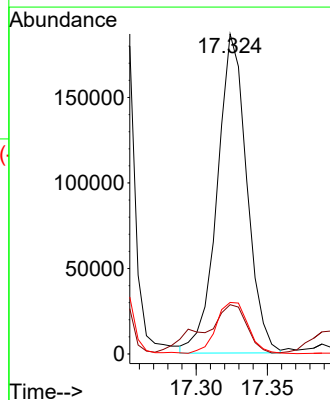
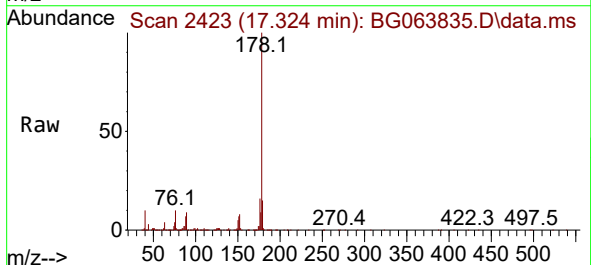
Tgt Ion:178 Resp: 270231

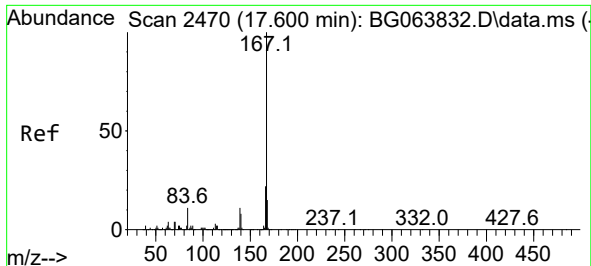
Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 16.1 14.4 21.6

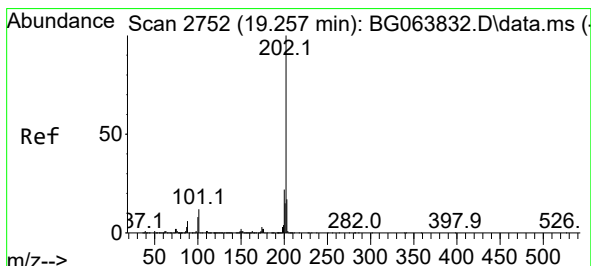
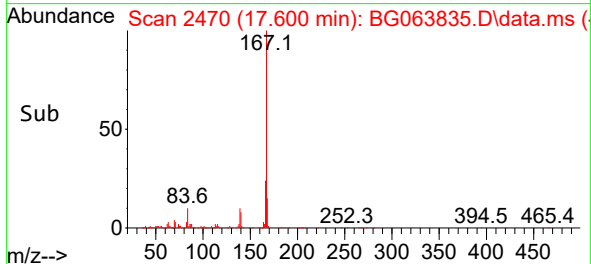
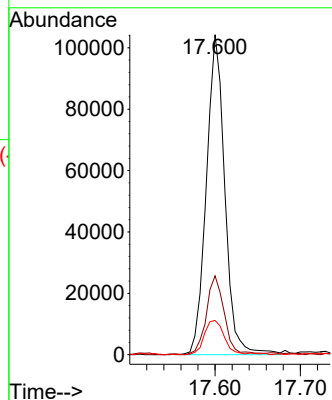
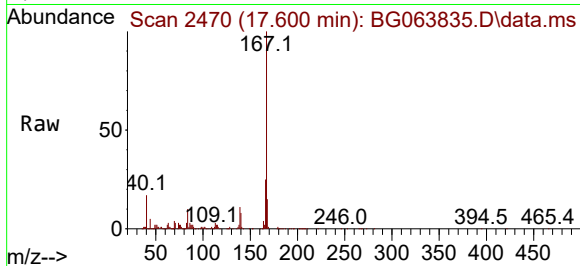




#77
 Carbazole
 Concen: 6.010 ng/ul
 RT: 17.600 min Scan# 2470
 Delta R.T. 0.006 min
 Lab File: BG063835.D
 Acq: 26 Dec 2024 15:08

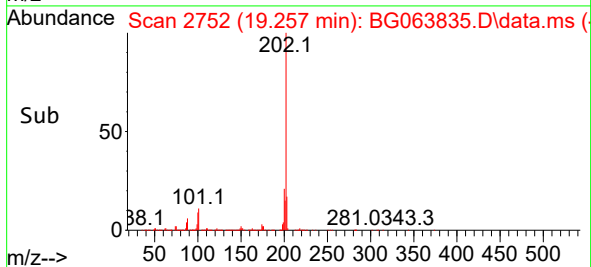
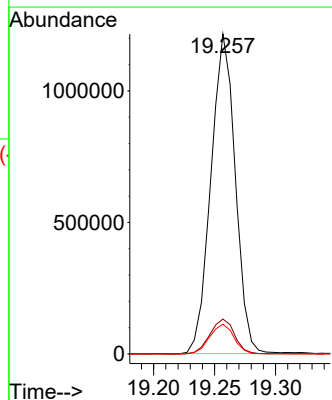
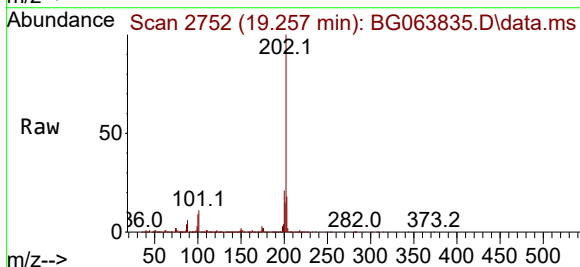
Instrument :
 BNA_G
 ClientSampleId :
 E2913DL

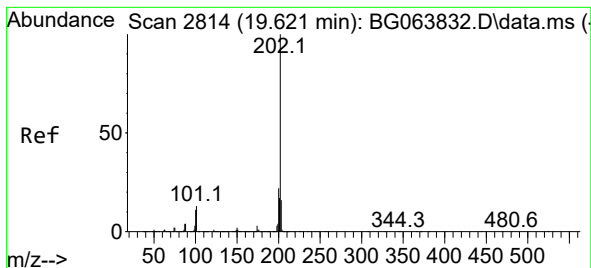
Tgt Ion:167 Resp: 157379
 Ion Ratio Lower Upper
 167 100
 166 24.7 18.2 27.4
 139 10.7 10.1 15.1



#80
 Fluoranthene
 Concen: 41.339 ng/ul
 RT: 19.257 min Scan# 2752
 Delta R.T. 0.006 min
 Lab File: BG063835.D
 Acq: 26 Dec 2024 15:08

Tgt Ion:202 Resp: 1693957
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.1 12.1
 100 9.3 6.5 9.7





#82

Pyrene

Concen: 30.679 ng/ul

RT: 19.621 min Scan# 2814

Delta R.T. 0.006 min

Lab File: BG063835.D

Acq: 26 Dec 2024 15:08

Instrument :

BNA_G

ClientSampleId :

E2913DL

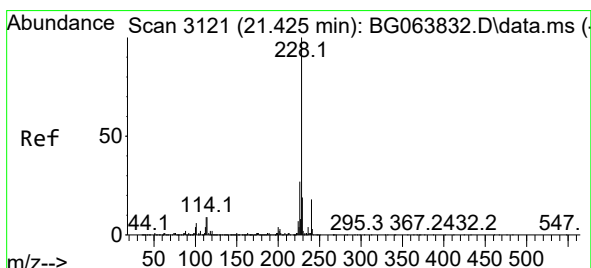
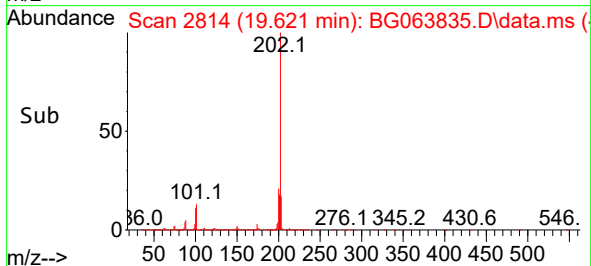
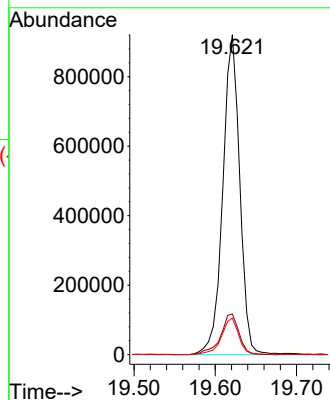
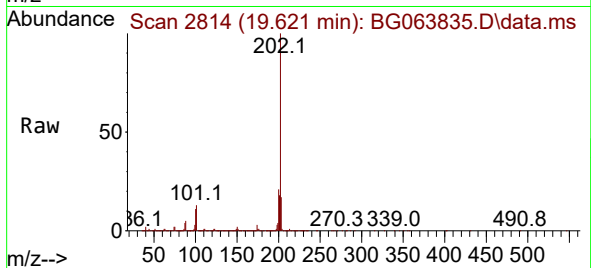
Tgt Ion:202 Resp: 1337494

Ion Ratio Lower Upper

202 100

101 12.7 8.7 13.1

100 11.4 7.8 11.6



#85

Benzo(a)anthracene

Concen: 15.432 ng/ul

RT: 21.425 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BG063835.D

Acq: 26 Dec 2024 15:08

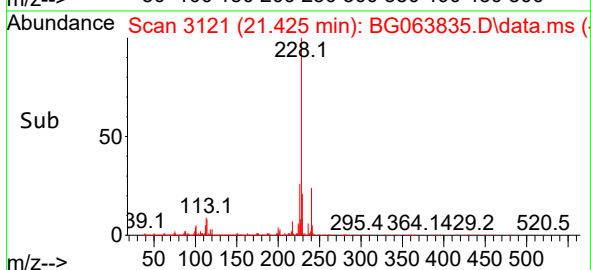
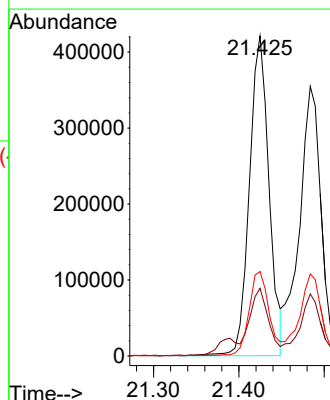
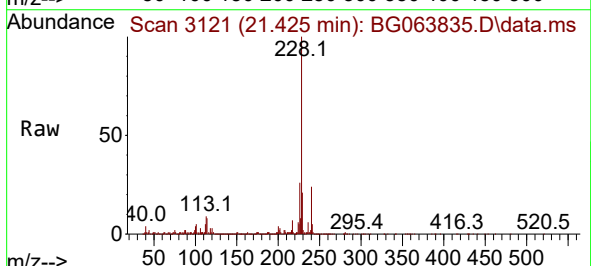
Tgt Ion:228 Resp: 670037

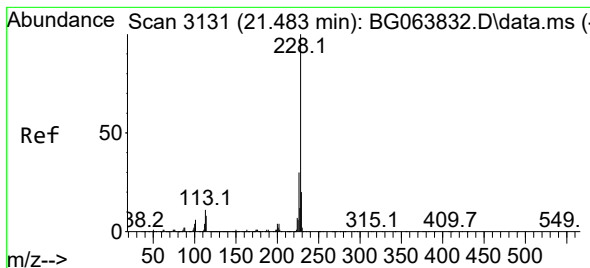
Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

226 26.4 22.0 33.0





#87

Chrysene

Concen: 16.177 ng/ul

RT: 21.425 min Scan# 31

Delta R.T. -0.059 min

Lab File: BG063835.D

Acq: 26 Dec 2024 15:08

Instrument :

BNA_G

ClientSampleId :

E2913DL

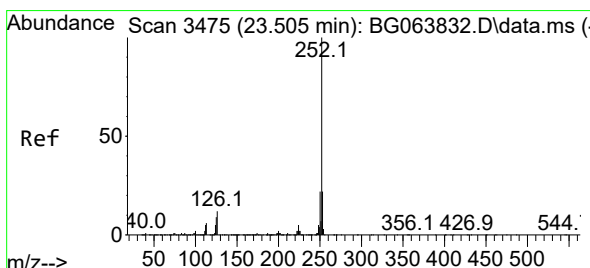
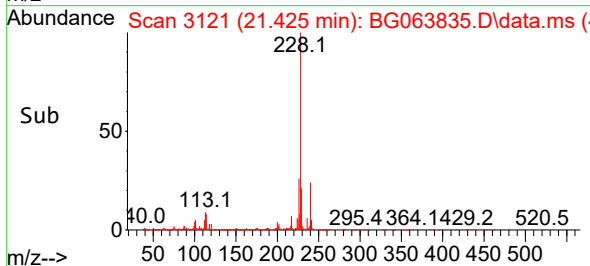
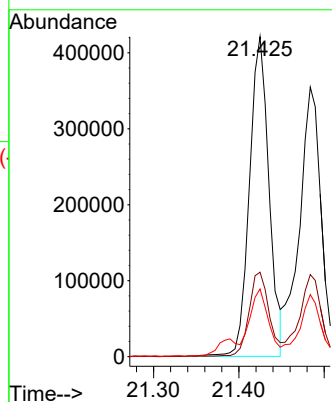
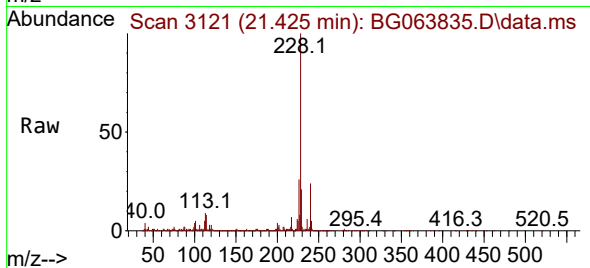
Tgt Ion:228 Resp: 669441

Ion Ratio Lower Upper

228 100

226 26.4 23.4 35.0

229 21.1 14.8 22.2



#90

Benzo(b)fluoranthene

Concen: 17.954 ng/ul

RT: 23.511 min Scan# 3476

Delta R.T. 0.012 min

Lab File: BG063835.D

Acq: 26 Dec 2024 15:08

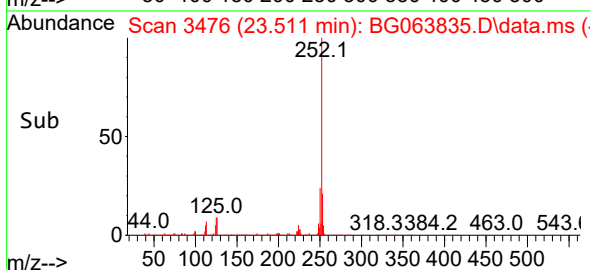
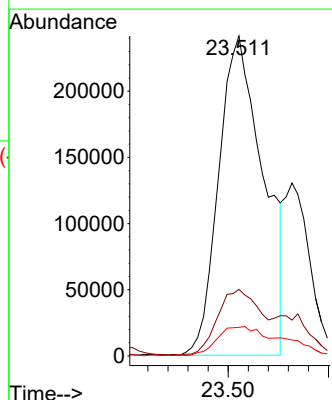
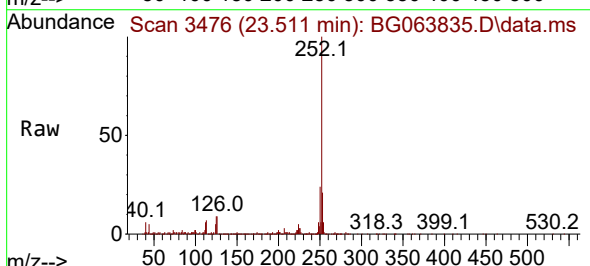
Tgt Ion:252 Resp: 744469

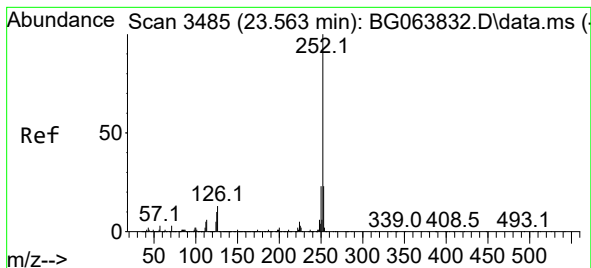
Ion Ratio Lower Upper

252 100

253 20.8 17.7 26.5

125 9.0 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 17.999 ng/ul

RT: 23.511 min Scan# 34

Delta R.T. -0.047 min

Lab File: BG063835.D

Acq: 26 Dec 2024 15:08

Instrument :

BNA_G

ClientSampleId :

E2913DL

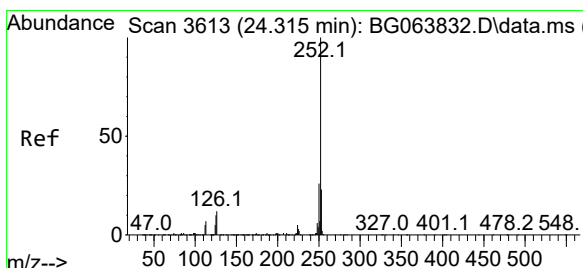
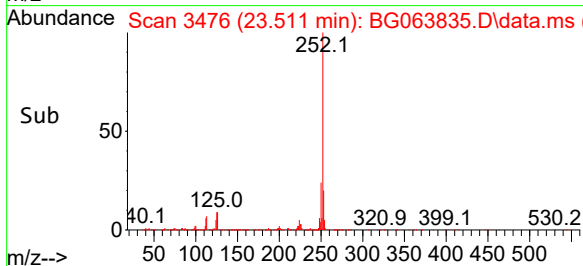
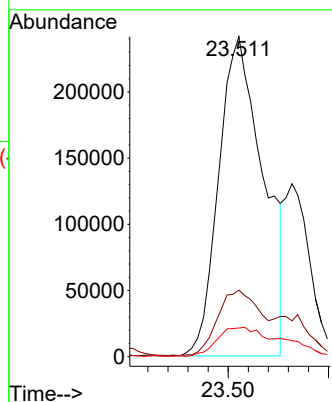
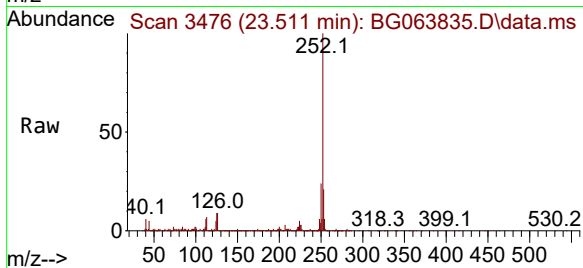
Tgt Ion:252 Resp: 744469

Ion Ratio Lower Upper

252 100

253 20.8 17.7 26.5

125 9.0 6.5 9.7



#93

Benzo(a)pyrene

Concen: 11.635 ng/ul

RT: 24.310 min Scan# 3612

Delta R.T. 0.006 min

Lab File: BG063835.D

Acq: 26 Dec 2024 15:08

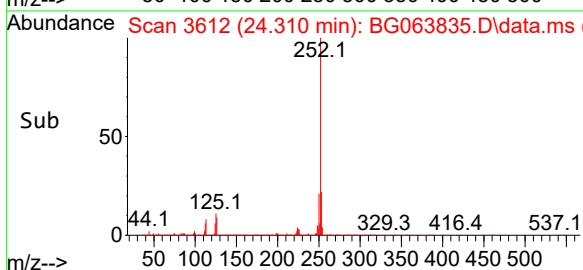
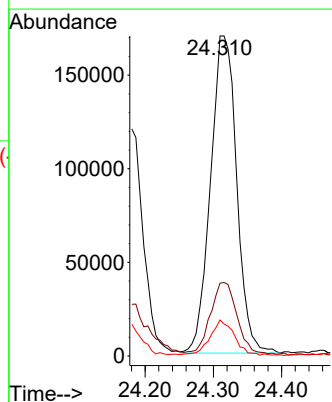
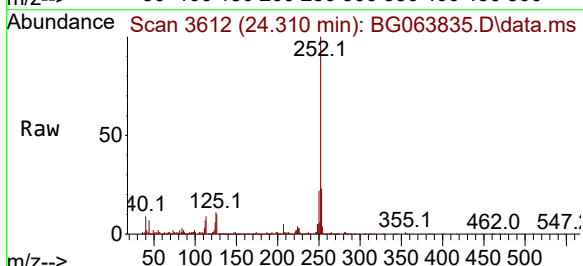
Tgt Ion:252 Resp: 452840

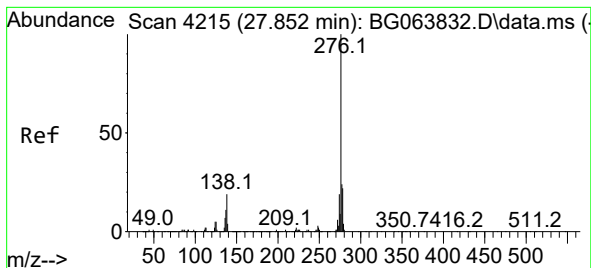
Ion Ratio Lower Upper

252 100

253 22.8 16.6 24.8

125 11.2 8.0 12.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.309 ng/ul

RT: 27.858 min Scan# 4215

Delta R.T. 0.012 min

Lab File: BG063835.D

Acq: 26 Dec 2024 15:08

Instrument :

BNA_G

ClientSampleId :

E2913DL

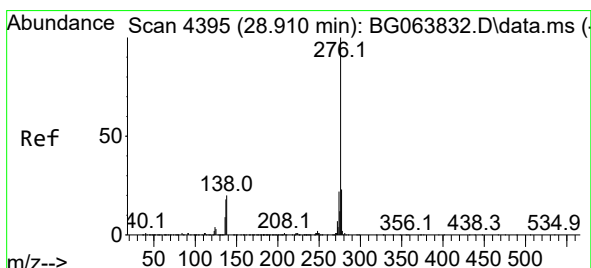
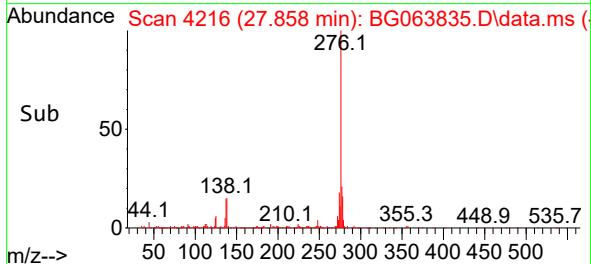
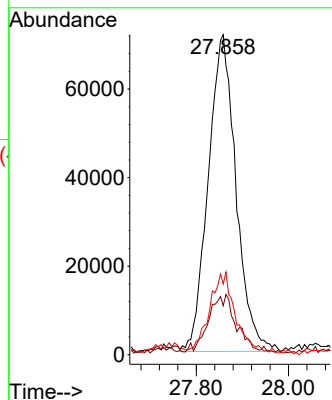
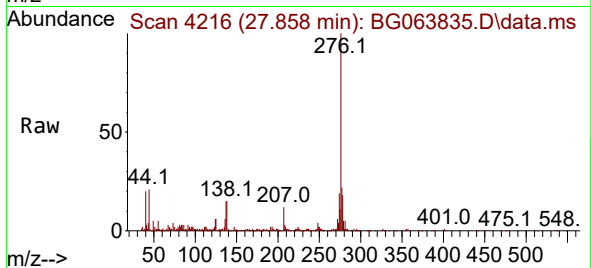
Tgt Ion:276 Resp: 299859

Ion Ratio Lower Upper

276 100

138 15.3 13.7 20.5

277 22.1 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 6.943 ng/ul

RT: 28.910 min Scan# 4395

Delta R.T. 0.012 min

Lab File: BG063835.D

Acq: 26 Dec 2024 15:08

Tgt Ion:276 Resp: 261878

Ion Ratio Lower Upper

276 100

138 20.8 13.8 20.8#

277 22.2 17.8 26.8

