

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059852.D
 Acq On : 23 Nov 2023 14:40
 Operator : MA/JU
 Sample : 05485-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5

Quant Time: Nov 24 00:20:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

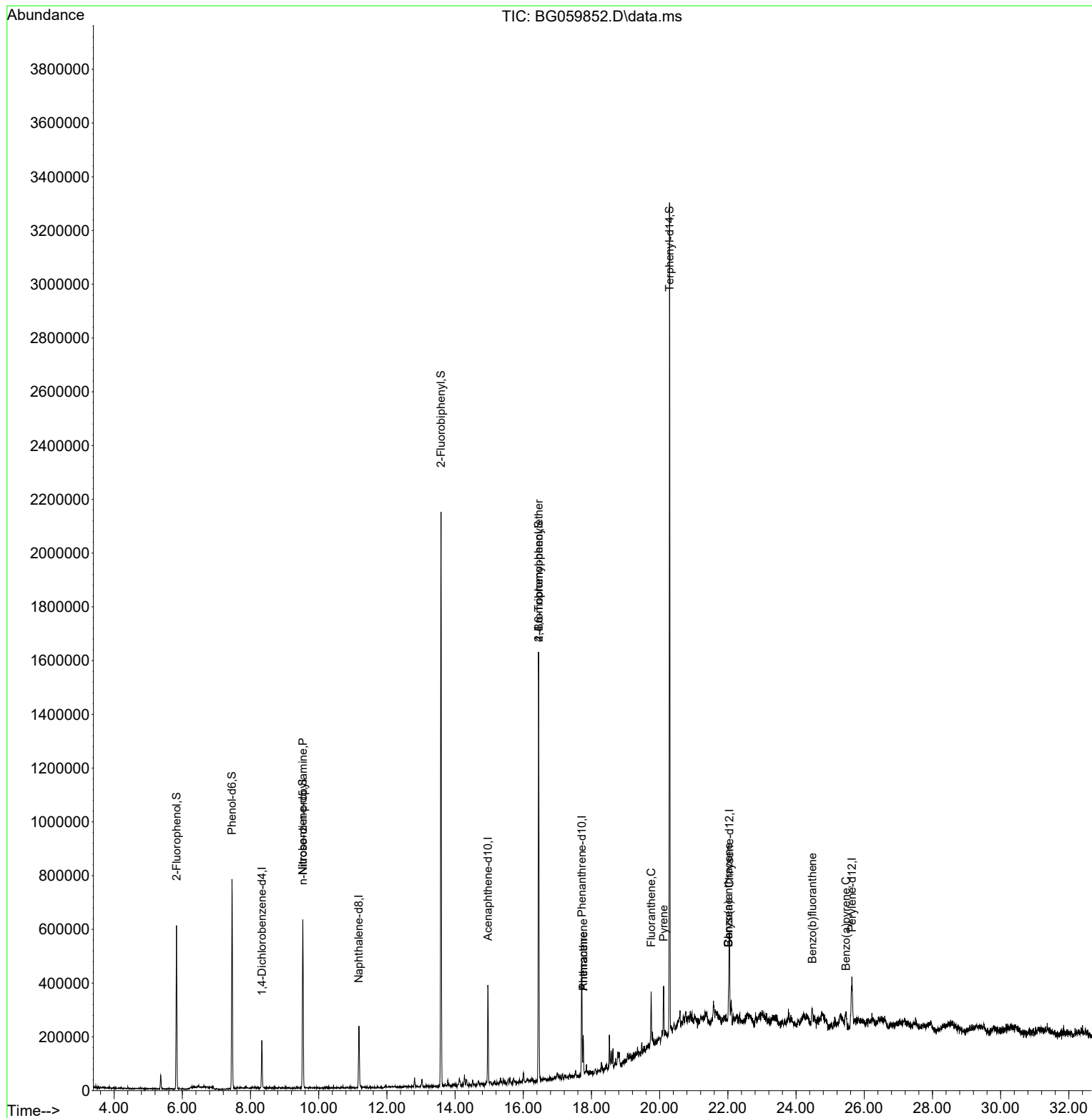
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	36140	20.000	ng	0.00
21) Naphthalene-d8	11.178	136	170525	20.000	ng	#-0.01
39) Acenaphthene-d10	14.962	164	116158	20.000	ng	0.00
64) Phenanthrene-d10	17.717	188	226279	20.000	ng	# 0.00
76) Chrysene-d12	22.048	240	172639	20.000	ng	# 0.00
86) Perylene-d12	25.638	264	210232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	206767	96.297	ng	0.00
7) Phenol-d6	7.459	99	344370	108.227	ng	0.00
23) Nitrobenzene-d5	9.533	82	386949	86.664	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	215740	163.693	ng	0.00
45) 2-Fluorobiphenyl	13.587	172	922563	106.907	ng	0.00
79) Terphenyl-d14	20.291	244	1179794	100.885	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.539	70	67161	26.803	ng	# 77
67) 4-Bromophenyl-phenylether	16.454	248	15901	6.541	ng	# 1
71) Phenanthrene	17.759	178	85664	7.446	ng	95
72) Anthracene	17.759	178	85664	7.166	ng	96
75) Fluoranthene	19.750	202	114645	8.310	ng	98
78) Pyrene	20.115	202	120253	10.238	ng	98
81) Benzo(a)anthracene	22.018	228	70736	5.988	ng	92
83) Chrysene	22.018	228	70736	6.532	ng	95
88) Benzo(b)fluoranthene	24.474	252	82445	7.155	ng	# 92
90) Benzo(a)pyrene	25.461	252	72935	5.931	ng	# 99

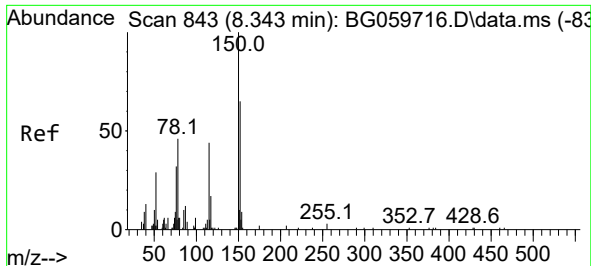
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
Data File : BG059852.D
Acq On : 23 Nov 2023 14:40
Operator : MA/JU
Sample : 05485-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5

Quant Time: Nov 24 00:20:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

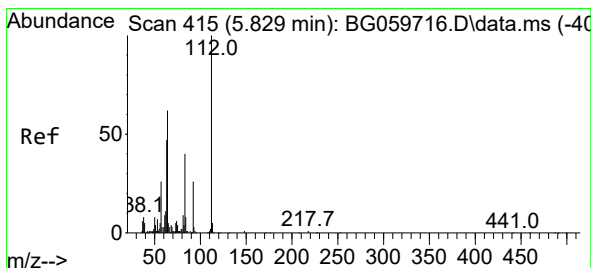
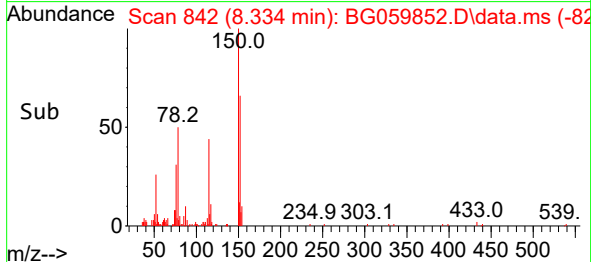
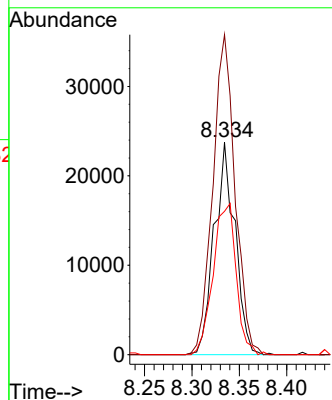
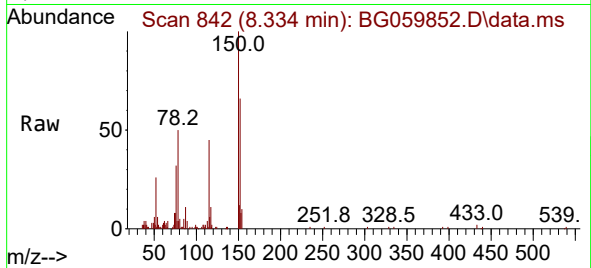




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.334 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG059852.D
Acq: 23 Nov 2023 14:40

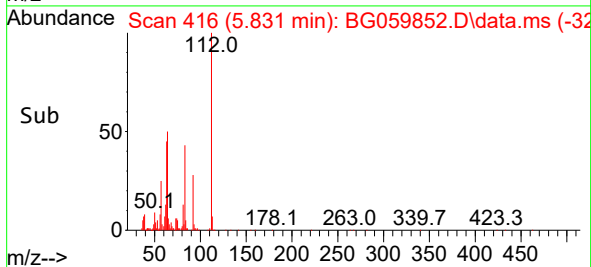
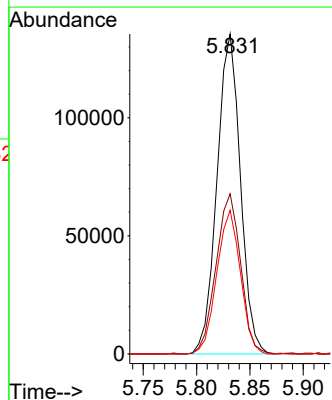
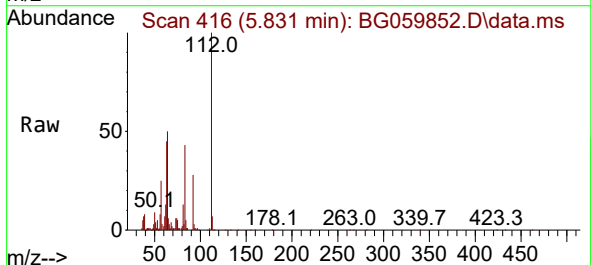
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5

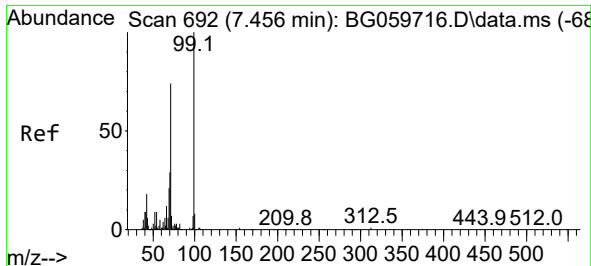
Tgt Ion:152 Resp: 36140
Ion Ratio Lower Upper
152 100
150 150.7 122.2 183.4
115 67.5 54.2 81.4



#5
2-Fluorophenol
Concen: 96.297 ng
RT: 5.831 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059852.D
Acq: 23 Nov 2023 14:40

Tgt Ion:112 Resp: 206767
Ion Ratio Lower Upper
112 100
64 50.0 49.5 74.3
63 44.9 37.4 56.2

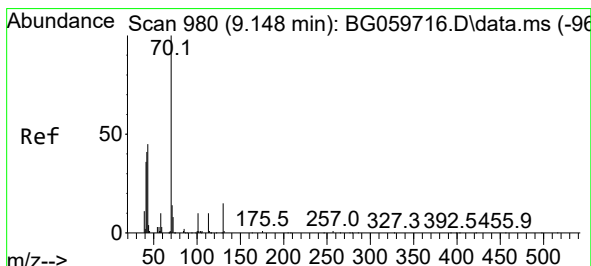
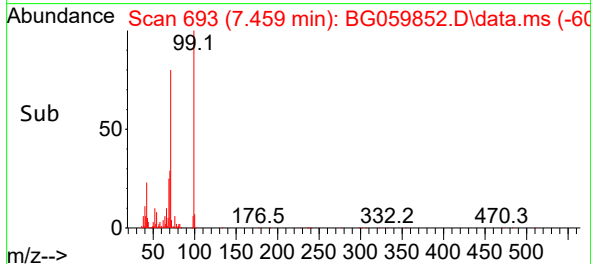
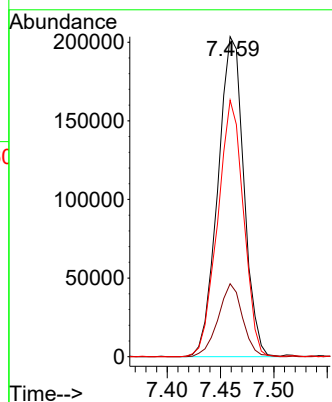
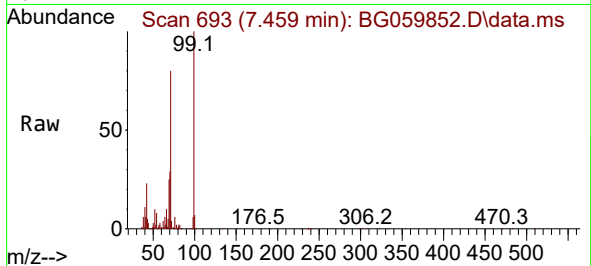




#7
Phenol-d6
Concen: 108.227 ng
RT: 7.459 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG059852.D
Acq: 23 Nov 2023 14:40

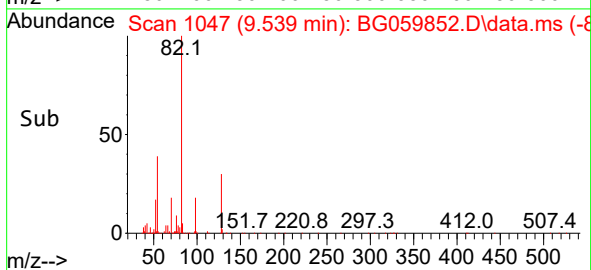
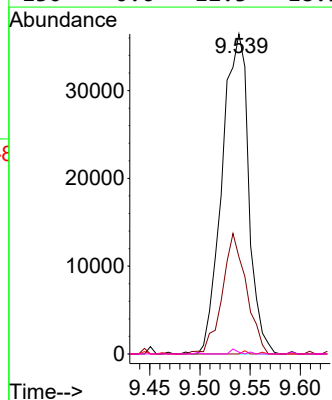
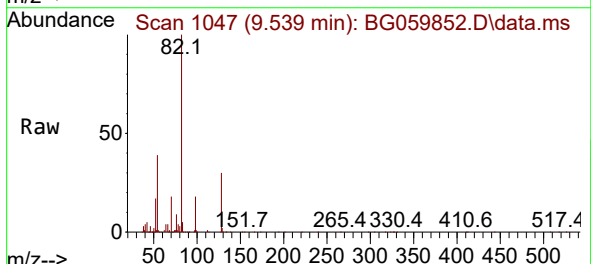
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5

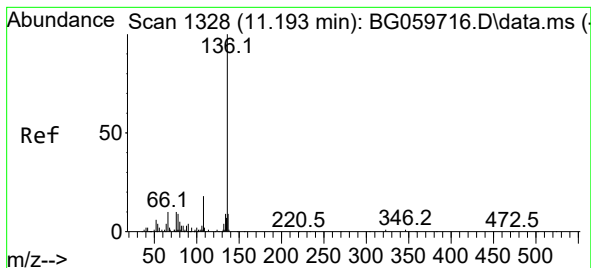
Tgt Ion: 99 Resp: 344370
Ion Ratio Lower Upper
99 100
42 22.8 14.3 21.5#
71 80.2 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 26.803 ng
RT: 9.539 min Scan# 1047
Delta R.T. 0.390 min
Lab File: BG059852.D
Acq: 23 Nov 2023 14:40

Tgt Ion: 70 Resp: 67161
Ion Ratio Lower Upper
70 100
42 30.3 32.8 49.2#
101 0.0 7.7 11.5#
130 0.6 12.3 18.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.178 min Scan# 11

Delta R.T. -0.015 min

Lab File: BG059852.D

Acq: 23 Nov 2023 14:40

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5

Tgt Ion:136 Resp: 170525

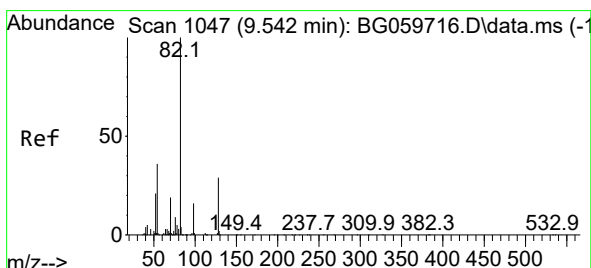
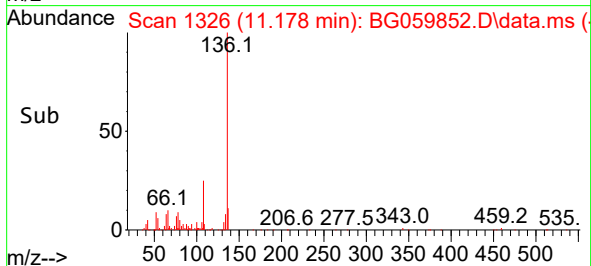
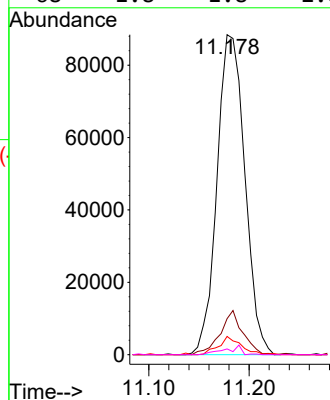
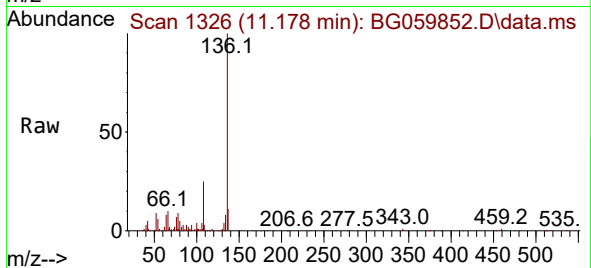
Ion Ratio Lower Upper

136 100

137 11.3 7.4 11.0#

54 5.7 3.1 4.7#

68 1.8 1.8 2.8#



#23

Nitrobenzene-d5

Concen: 86.664 ng

RT: 9.533 min Scan# 1046

Delta R.T. -0.009 min

Lab File: BG059852.D

Acq: 23 Nov 2023 14:40

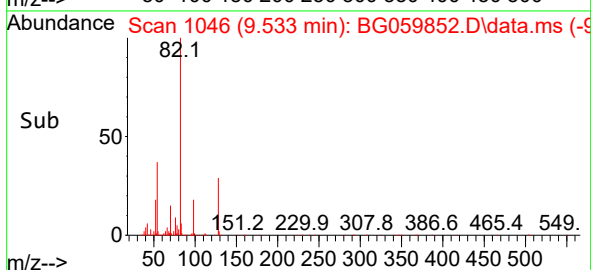
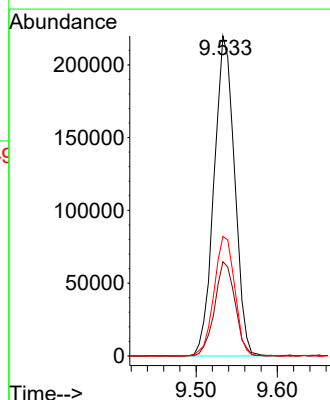
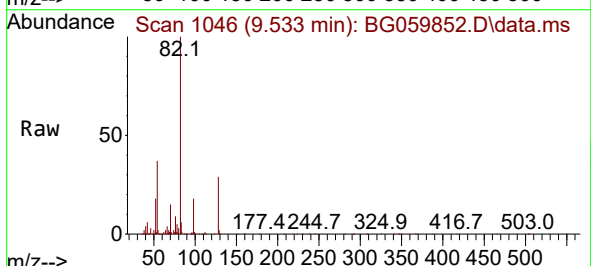
Tgt Ion: 82 Resp: 386949

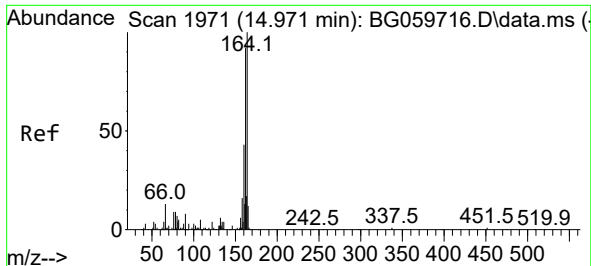
Ion Ratio Lower Upper

82 100

128 29.5 23.0 34.6

54 37.4 28.7 43.1

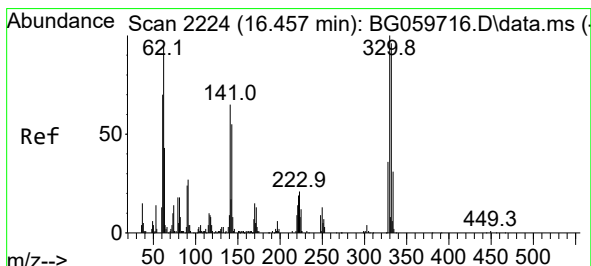
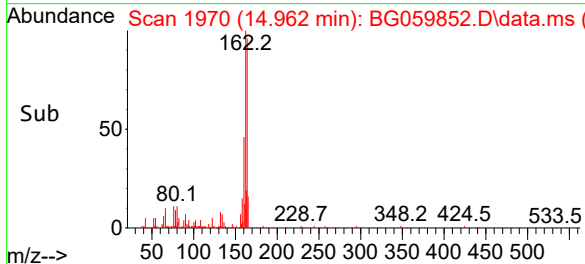
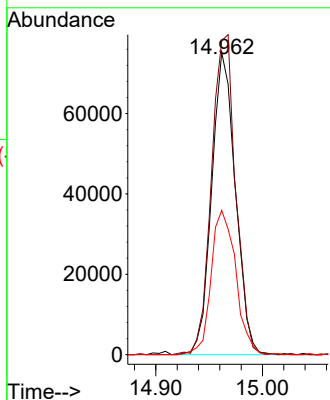
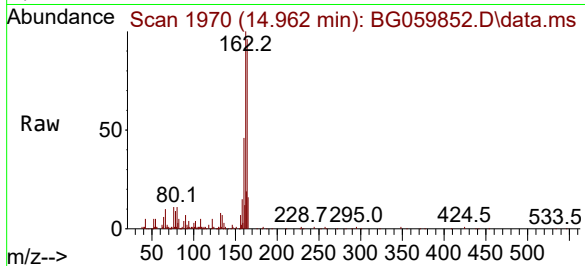




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG059852.D
Acq: 23 Nov 2023 14:40

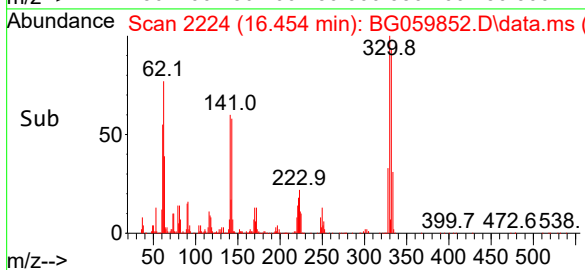
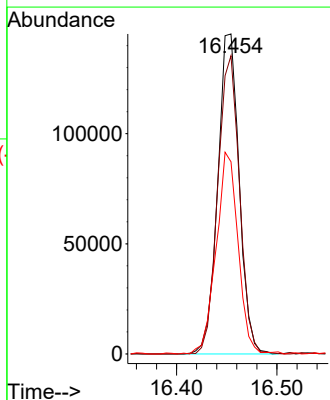
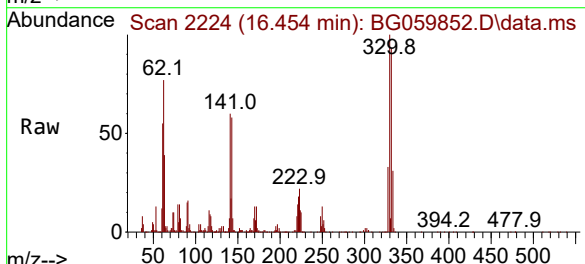
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5

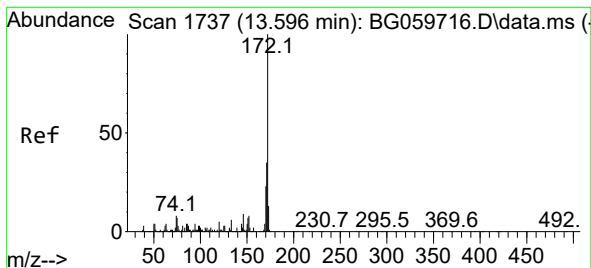
Tgt Ion:164 Resp: 116158
Ion Ratio Lower Upper
164 100
162 103.9 73.3 109.9
160 47.8 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 163.693 ng
RT: 16.454 min Scan# 2224
Delta R.T. -0.003 min
Lab File: BG059852.D
Acq: 23 Nov 2023 14:40

Tgt Ion:330 Resp: 215740
Ion Ratio Lower Upper
330 100
332 94.3 73.3 109.9
141 64.6 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 106.907 ng

RT: 13.587 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG059852.D

Acq: 23 Nov 2023 14:40

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5

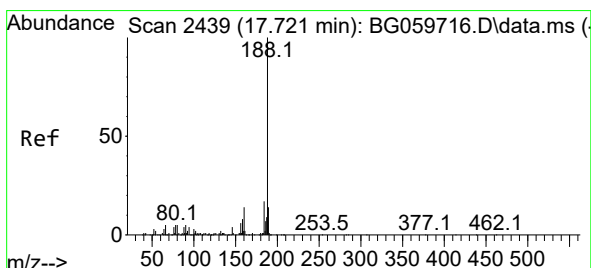
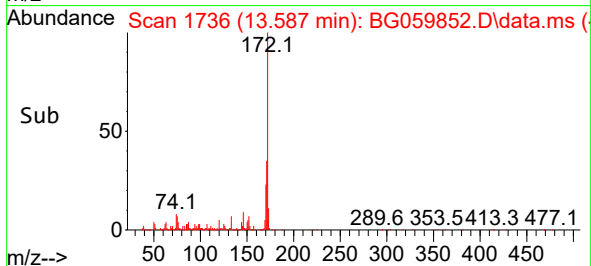
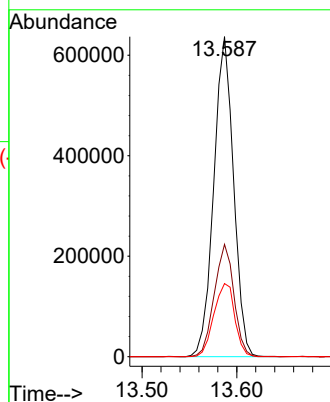
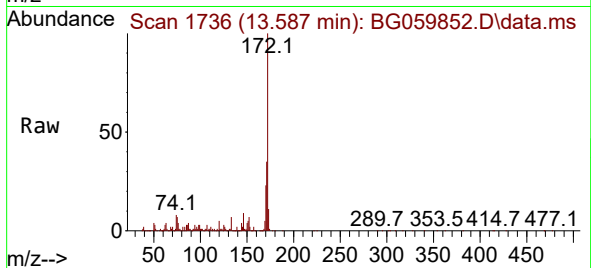
Tgt Ion:172 Resp: 922563

Ion Ratio Lower Upper

172 100

171 35.1 27.7 41.5

170 22.8 18.4 27.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.717 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG059852.D

Acq: 23 Nov 2023 14:40

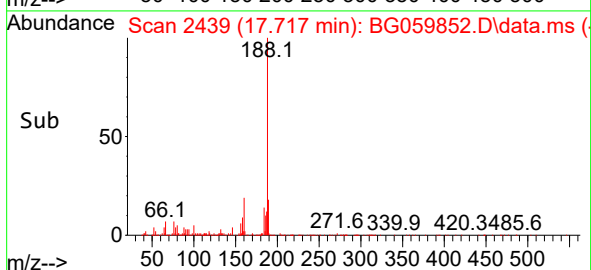
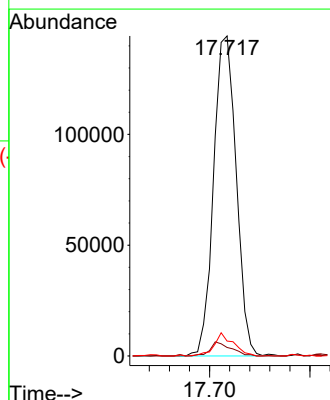
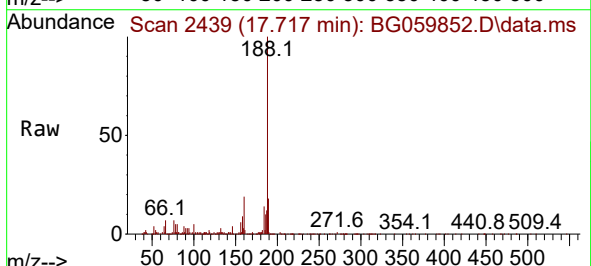
Tgt Ion:188 Resp: 226279

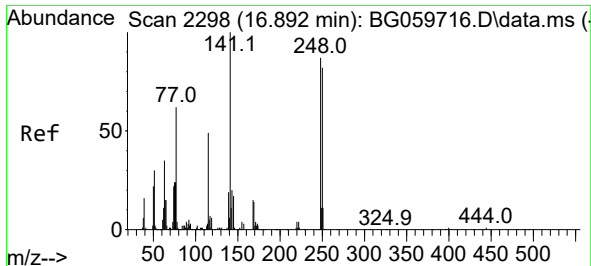
Ion Ratio Lower Upper

188 100

94 2.6 3.0 4.4#

80 4.7 4.2 6.4

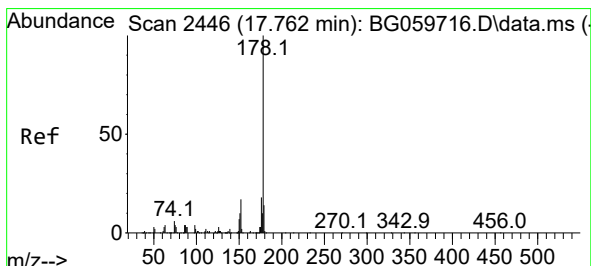
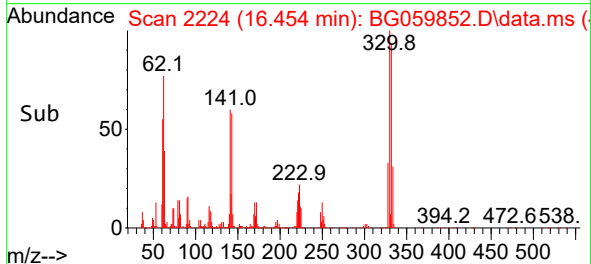
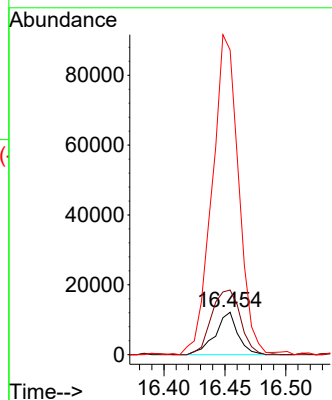
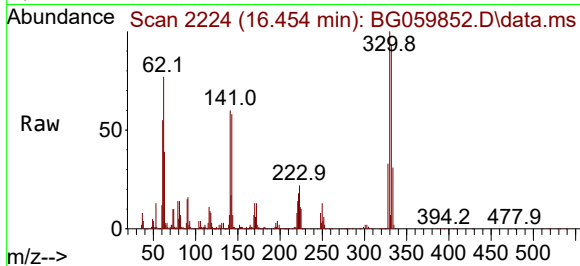




#67
4-Bromophenyl-phenylether
Concen: 6.541 ng
RT: 16.454 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG059852.D
Acq: 23 Nov 2023 14:40

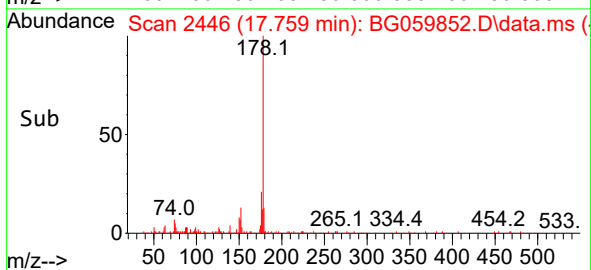
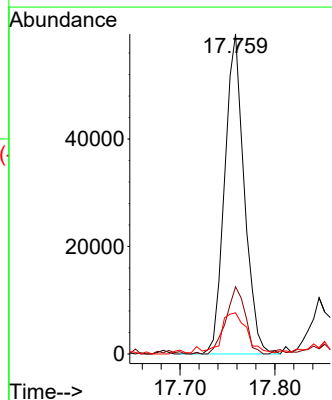
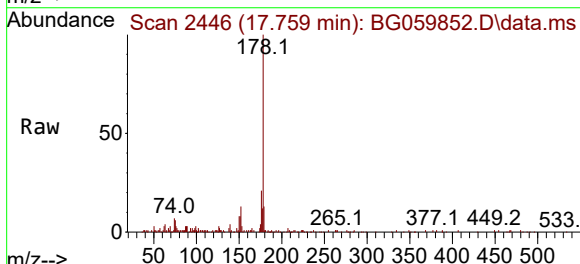
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5

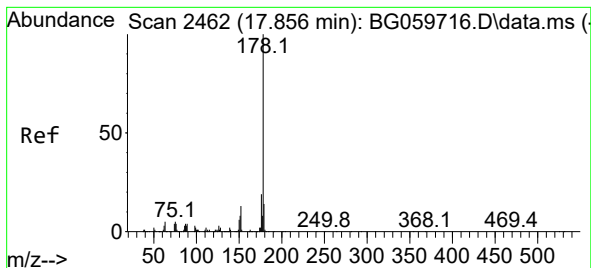
Tgt Ion:248 Resp: 15901
Ion Ratio Lower Upper
248 100
250 152.4 75.2 112.8#
141 717.8 91.5 137.3#



#71
Phenanthrene
Concen: 7.446 ng
RT: 17.759 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG059852.D
Acq: 23 Nov 2023 14:40

Tgt Ion:178 Resp: 85664
Ion Ratio Lower Upper
178 100
176 21.0 14.5 21.7
179 12.9 11.2 16.8





#72

Anthracene

Concen: 7.166 ng

RT: 17.759 min Scan# 2462

Delta R.T. -0.097 min

Lab File: BG059852.D

Acq: 23 Nov 2023 14:40

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5

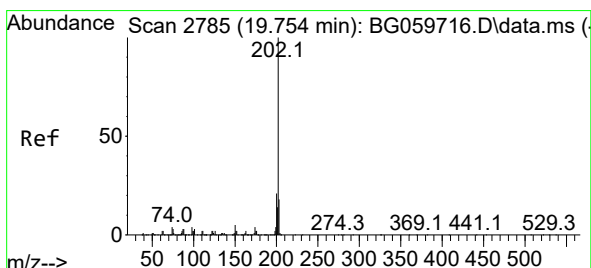
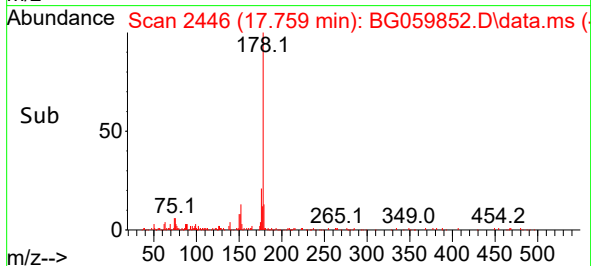
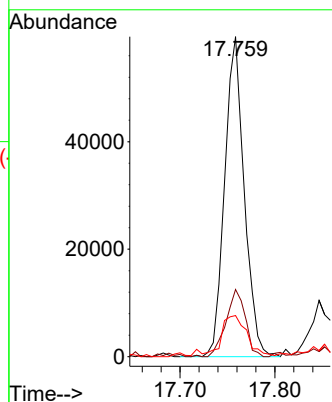
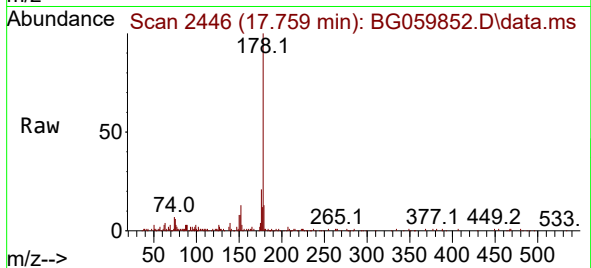
Tgt Ion:178 Resp: 85664

Ion Ratio Lower Upper

178 100

176 21.0 15.0 22.4

179 12.9 11.5 17.3



#75

Fluoranthene

Concen: 8.310 ng

RT: 19.750 min Scan# 2785

Delta R.T. -0.003 min

Lab File: BG059852.D

Acq: 23 Nov 2023 14:40

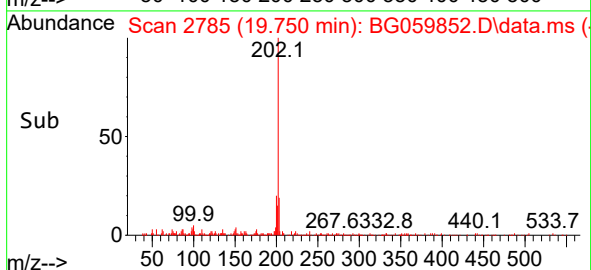
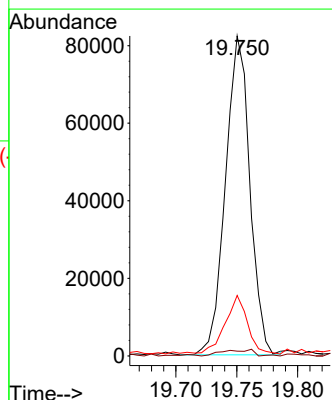
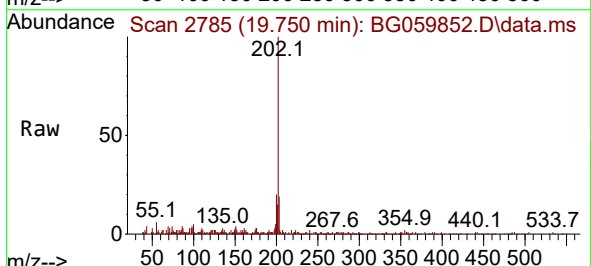
Tgt Ion:202 Resp: 114645

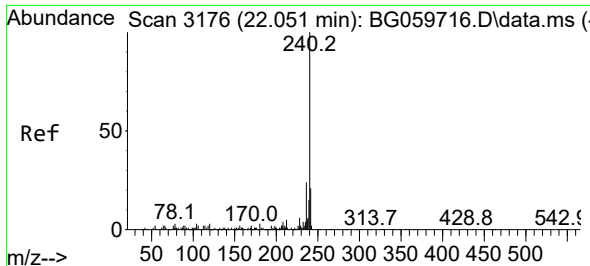
Ion Ratio Lower Upper

202 100

101 1.8 0.0 22.7

203 18.9 0.0 38.2

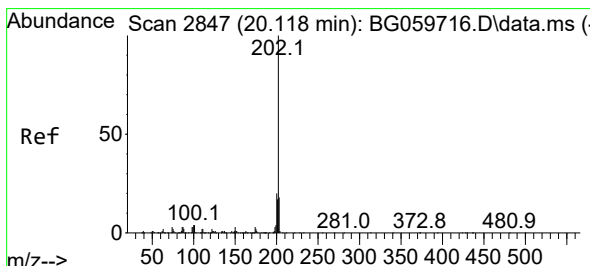
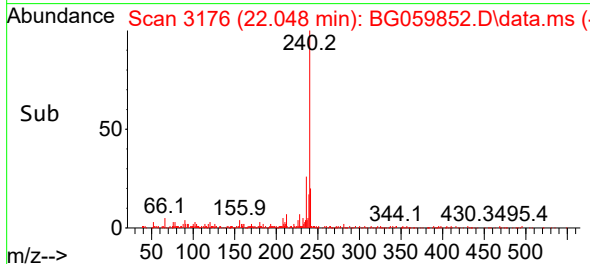
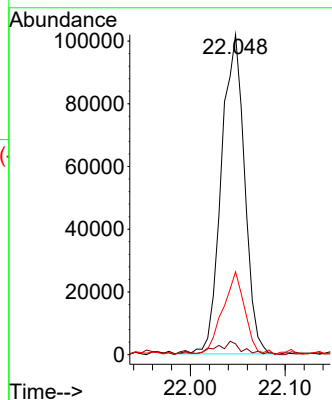
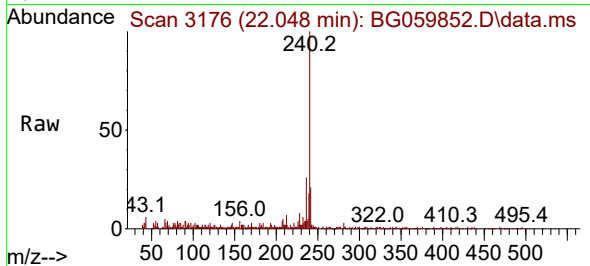




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.048 min Scan# 3176
Delta R.T. -0.003 min
Lab File: BG059852.D
Acq: 23 Nov 2023 14:40

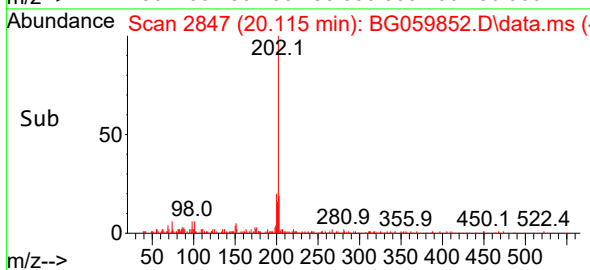
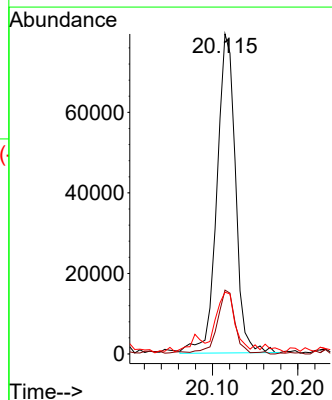
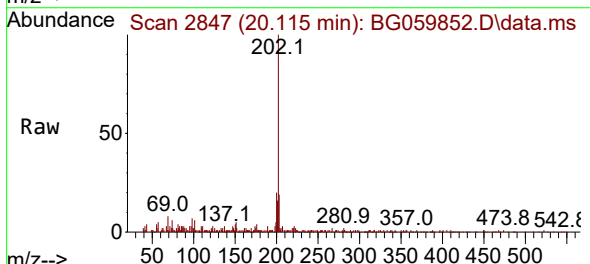
Instrument :
BNA_G
ClientSampleId :
AU-14-STOCKPILE-BIN-5

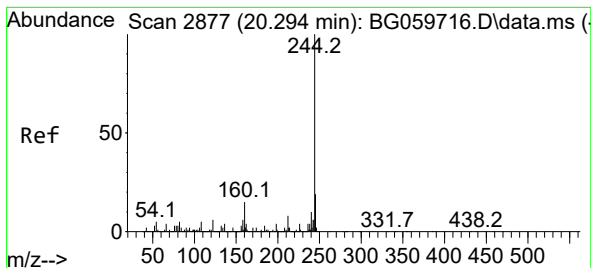
Tgt Ion:240 Resp: 172639
Ion Ratio Lower Upper
240 100
120 3.4 2.2 3.2#
236 25.9 19.4 29.2



#78
Pyrene
Concen: 10.238 ng
RT: 20.115 min Scan# 2847
Delta R.T. -0.003 min
Lab File: BG059852.D
Acq: 23 Nov 2023 14:40

Tgt Ion:202 Resp: 120253
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.4
203 19.3 14.0 21.0





#79

Terphenyl-d14

Concen: 100.885 ng

RT: 20.291 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG059852.D

Acq: 23 Nov 2023 14:40

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5

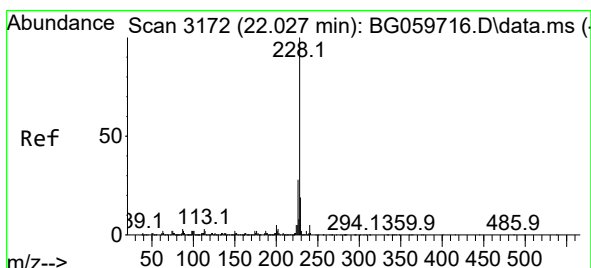
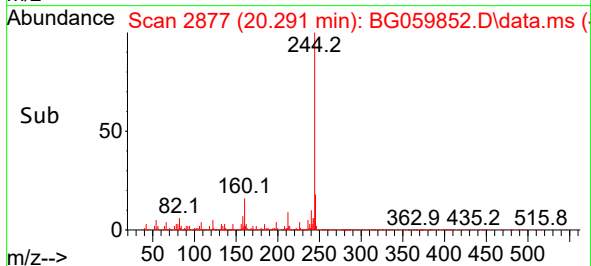
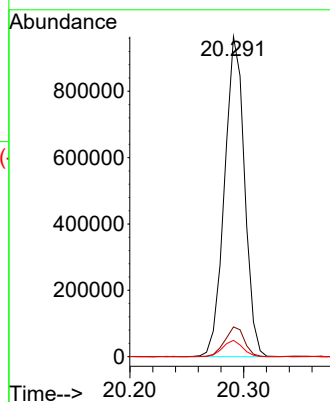
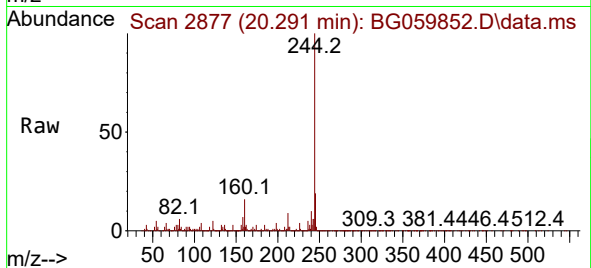
Tgt Ion:244 Resp: 1179794

Ion Ratio Lower Upper

244 100

212 9.3 6.6 10.0

122 5.1 4.4 6.6



#81

Benzo(a)anthracene

Concen: 5.988 ng

RT: 22.018 min Scan# 3171

Delta R.T. -0.009 min

Lab File: BG059852.D

Acq: 23 Nov 2023 14:40

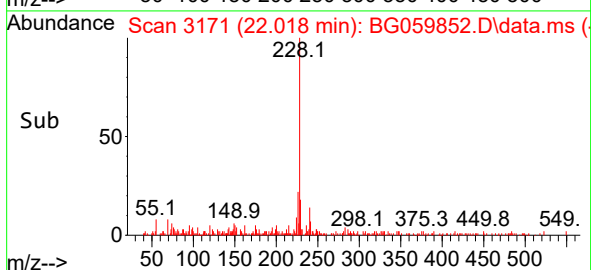
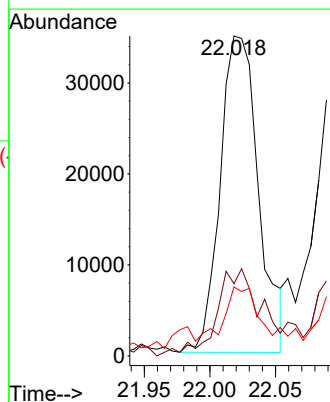
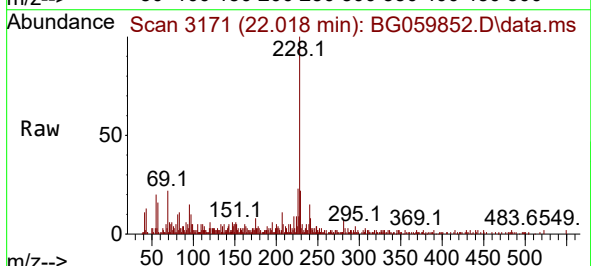
Tgt Ion:228 Resp: 70736

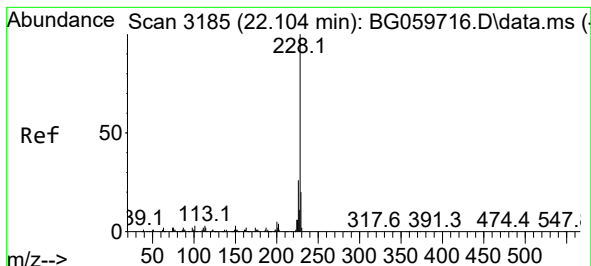
Ion Ratio Lower Upper

228 100

226 22.6 22.1 33.1

229 21.6 14.9 22.3





#83

Chrysene

Concen: 6.532 ng

RT: 22.018 min Scan# 31

Delta R.T. -0.085 min

Lab File: BG059852.D

Acq: 23 Nov 2023 14:40

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5

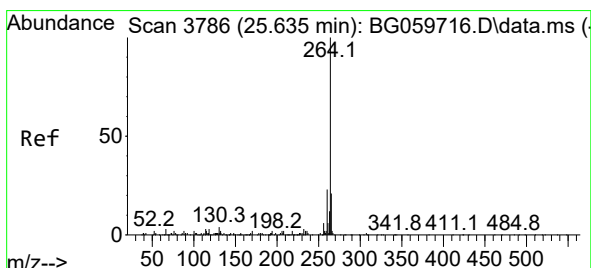
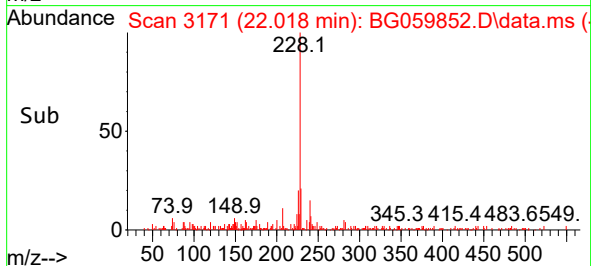
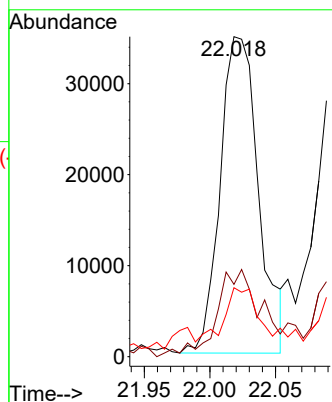
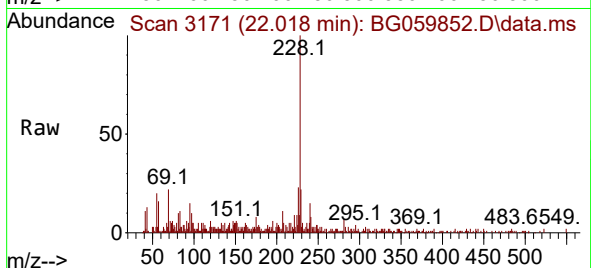
Tgt Ion:228 Resp: 70736

Ion Ratio Lower Upper

228 100

226 22.6 21.1 31.7

229 21.6 16.2 24.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.638 min Scan# 3787

Delta R.T. 0.003 min

Lab File: BG059852.D

Acq: 23 Nov 2023 14:40

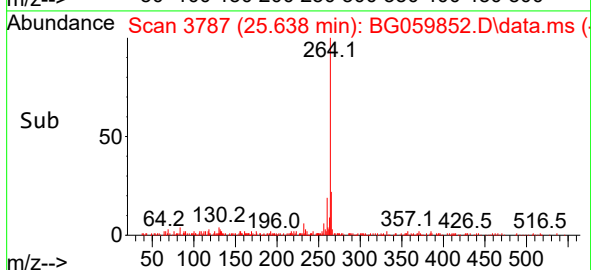
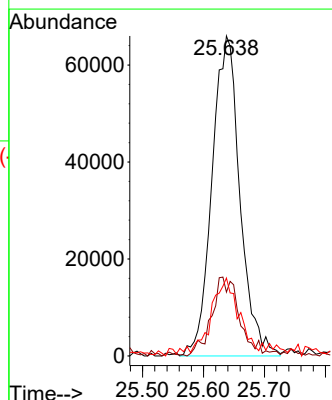
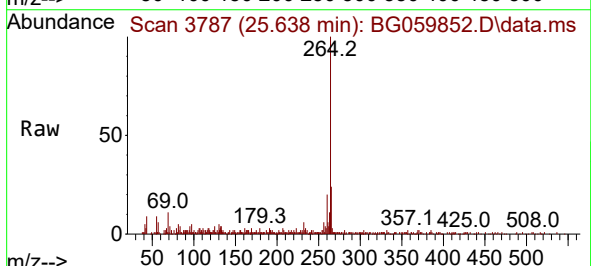
Tgt Ion:264 Resp: 210232

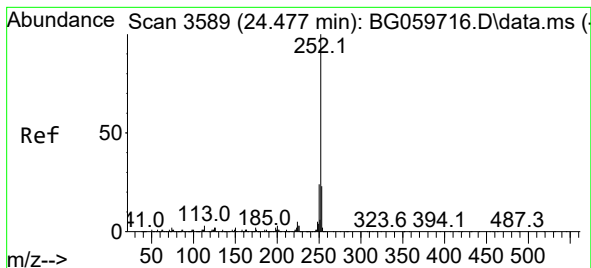
Ion Ratio Lower Upper

264 100

260 19.9 18.5 27.7

265 24.3 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 7.155 ng

RT: 24.474 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG059852.D

Acq: 23 Nov 2023 14:40

Instrument :

BNA_G

ClientSampleId :

AU-14-STOCKPILE-BIN-5

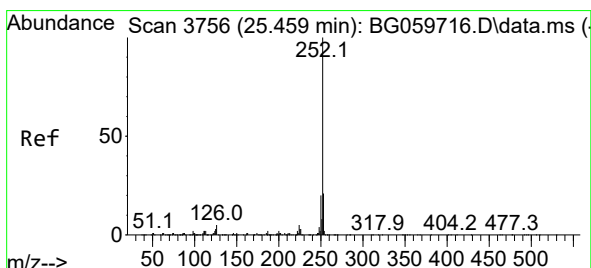
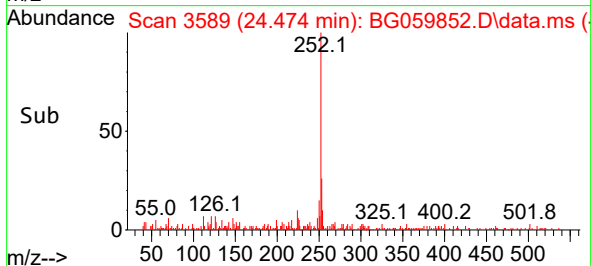
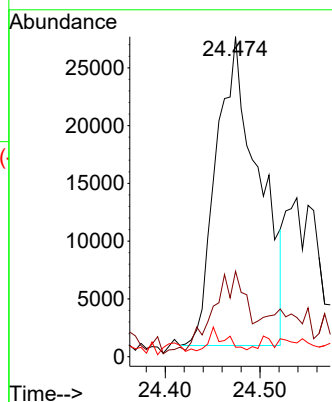
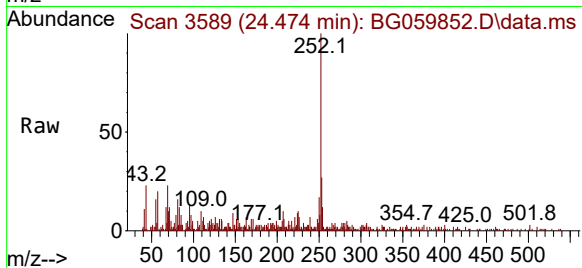
Tgt Ion:252 Resp: 82445

Ion Ratio Lower Upper

252 100

253 26.7 18.3 27.5

125 3.0 1.4 2.0#



#90

Benzo(a)pyrene

Concen: 5.931 ng

RT: 25.461 min Scan# 3757

Delta R.T. 0.003 min

Lab File: BG059852.D

Acq: 23 Nov 2023 14:40

Tgt Ion:252 Resp: 72935

Ion Ratio Lower Upper

252 100

253 20.5 16.8 25.2

125 3.8 2.0 3.0#

