

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055300.D
 Acq On : 26 Oct 2022 15:32
 Operator : CG/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Oct 27 10:36:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-8.28
21) Naphthalene-d8	0.000	136	0	0.000	ng	-11.10
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.89
64) Phenanthrene-d10	18.020	188	553	20.000	ng	# 0.40
76) Chrysene-d12	21.898	240	109	20.000	ng	# 0.00
86) Perylene-d12	25.288	264	59	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
79) Terphenyl-d14	20.188	244	395	75.292	ng	0.00
Target Compounds						Qvalue
69) Atrazine	17.268	200	21846	4173.915	ng	# 37
70) Pentachlorophenol	17.268	266	119560	33733.750	ng	97
71) Phenanthrene	18.014	178	474	16.072	ng	# 1
72) Anthracene	18.014	178	474	16.440	ng	# 1
73) Carbazole	18.020	167	9200	331.759	ng	# 80
75) Fluoranthene	20.012	202	1503	43.736	ng	76
77) Benzidine	19.818	184	848710	321578.566	ng	98
78) Pyrene	19.653	202	1510	202.108	ng	98
80) Butylbenzylphthalate	20.869	149	1445	409.288	ng	91
81) Benzo(a)anthracene	21.874	228	2403	328.298	ng	# 90
82) 3,3'-Dichlorobenzidine	21.780	252	1446	606.571	ng	# 77
83) Chrysene	21.945	228	2820	405.595	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.739	149	2357	467.337	ng	# 78
85) Di-n-octyl phthalate	23.008	149	5979	711.599	ng	# 95
87) Indeno(1,2,3-cd)pyrene	29.189	276	1715	393.561	ng	# 90
88) Benzo(b)fluoranthene	24.207	252	5631	1586.656	ng	# 84
89) Benzo(k)fluoranthene	24.277	252	5633	1571.883	ng	# 82
90) Benzo(a)pyrene	25.141	252	5525	1815.396	ng	# 95
91) Dibenzo(a,h)anthracene	29.265	278	2837	793.330	ng	# 81
92) Benzo(g,h,i)perylene	30.423	276	3261	919.375	ng	# 70

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

Instrument :

BNA G

ClientSampleId :

DFTPP

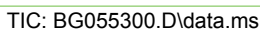
Quant Time: Oct 27 10:36:31 2022

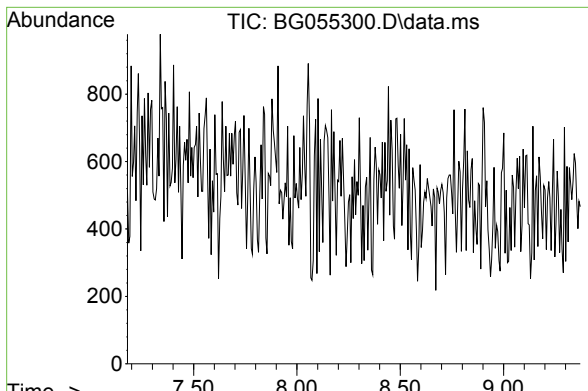
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 24 16:54:05 2022

Response via : Initial Calibration



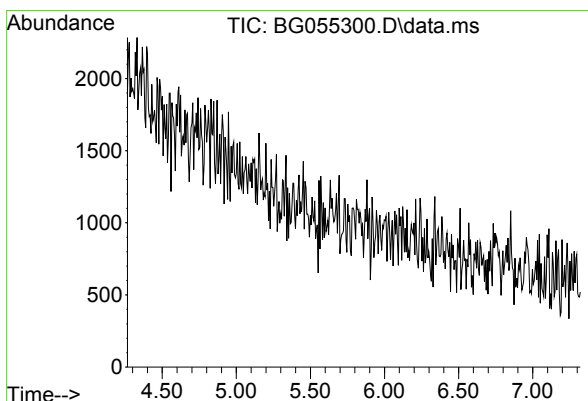
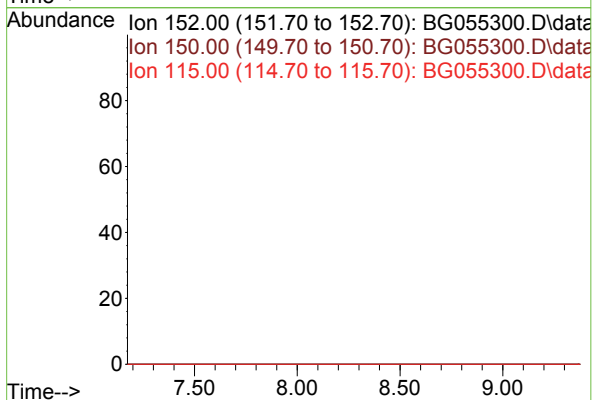


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.28 min
 Lab File: BG055300.D
 Acq: 26 Oct 2022 15:32

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 152

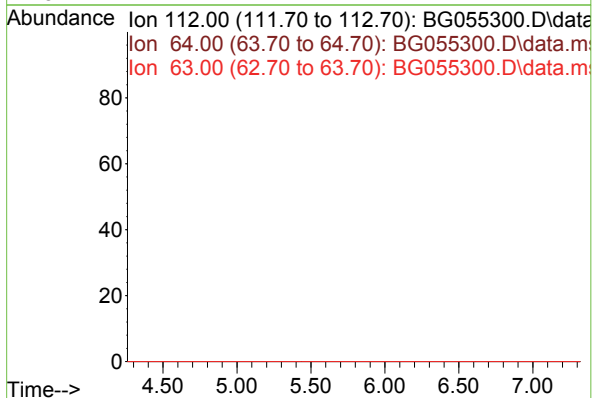
Sig	Exp Ratio
152	100
150	147.8
115	55.6

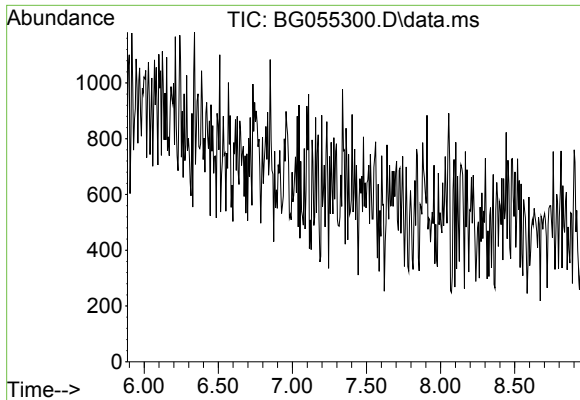


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.79 min
 Lab File: BG055300.D
 Acq: 26 Oct 2022 15:32

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	65.7
63	33.9



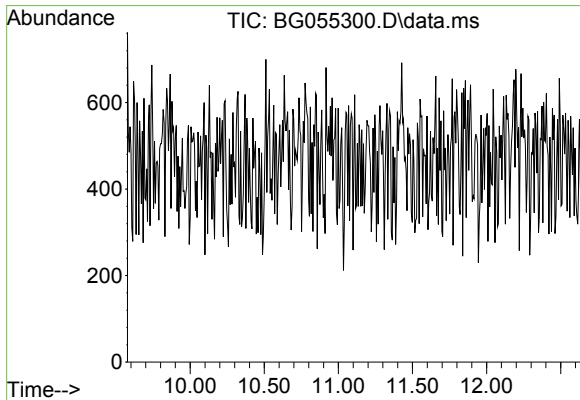
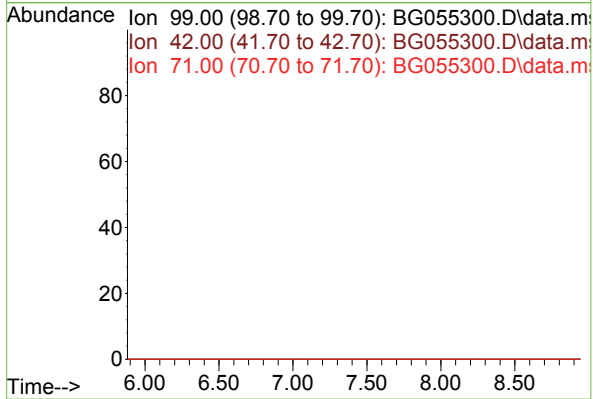


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.41 min
 Lab File: BG055300.D
 Acq: 26 Oct 2022 15:32

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 99

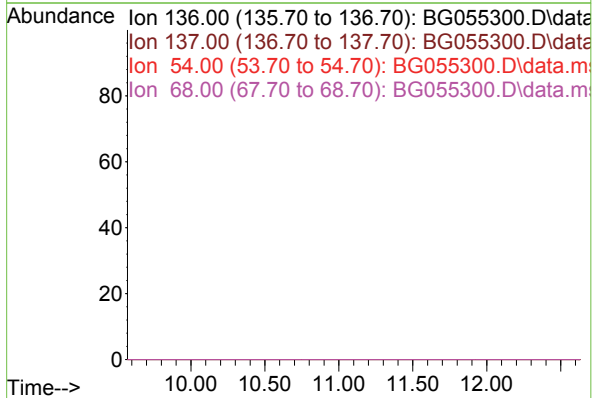
Sig	Exp Ratio
99	100
42	19.0
71	32.8

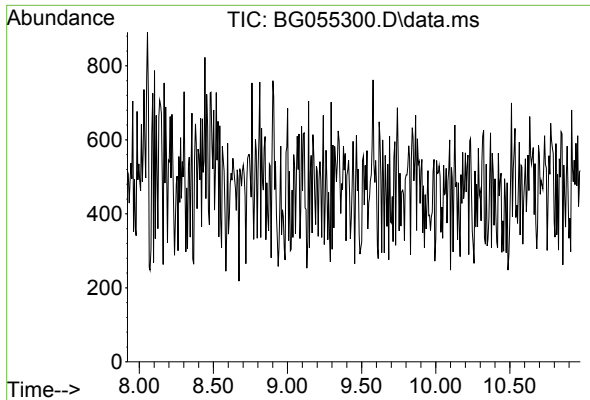


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 11.10 min
 Lab File: BG055300.D
 Acq: 26 Oct 2022 15:32

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.5
54	9.8
68	7.2



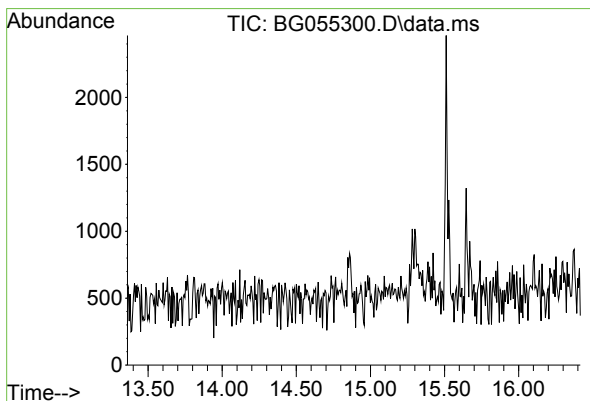
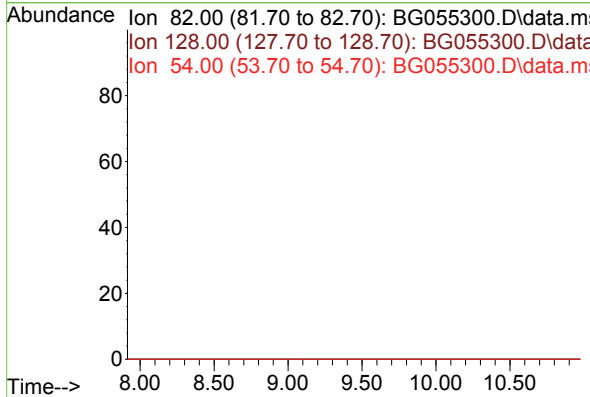


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.45 min
 Lab File: BG055300.D
 Acq: 26 Oct 2022 15:32

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 82

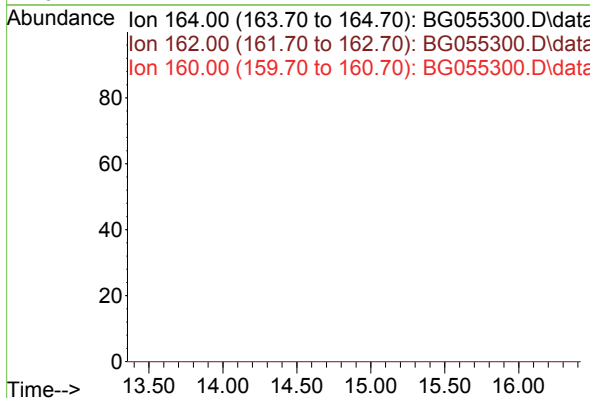
Sig	Exp Ratio
82	100
128	40.0
54	51.1

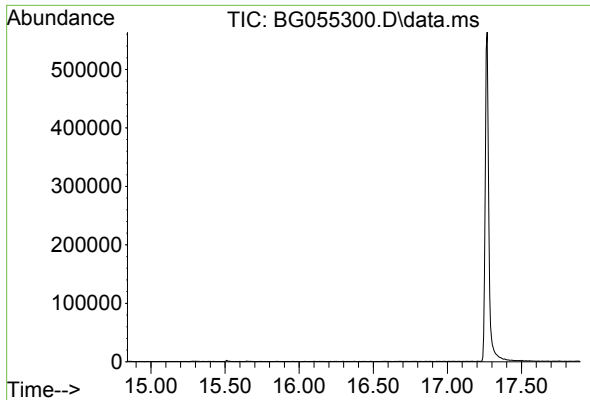


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.89 min
 Lab File: BG055300.D
 Acq: 26 Oct 2022 15:32

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	105.0
160	45.9



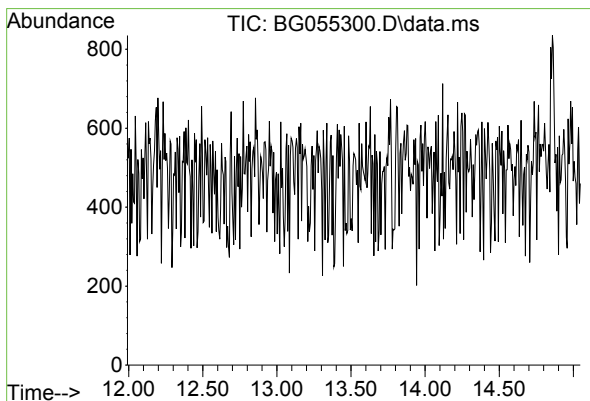
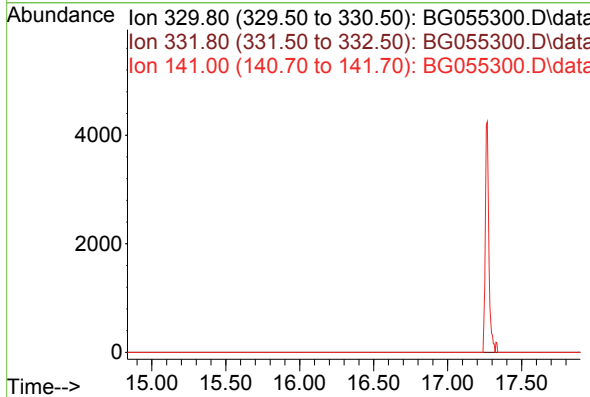


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.37 min
 Lab File: BG055300.D
 Acq: 26 Oct 2022 15:32

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion: 330

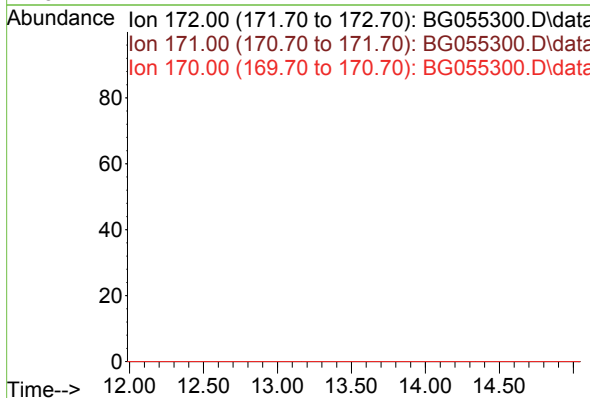
Sig	Exp Ratio
330	100
332	96.7
141	37.3

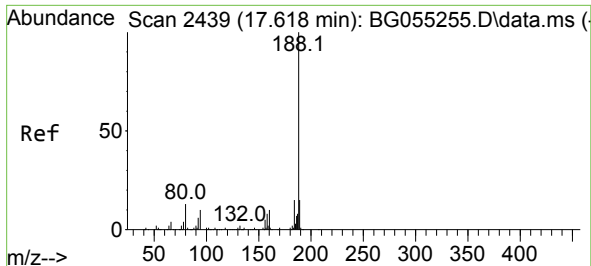


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.52 min
 Lab File: BG055300.D
 Acq: 26 Oct 2022 15:32

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	37.1
170	25.2

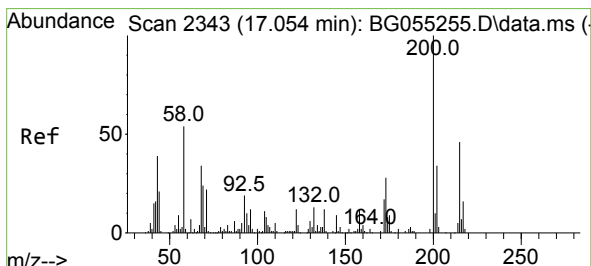
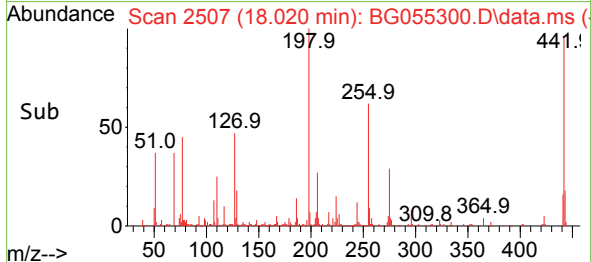
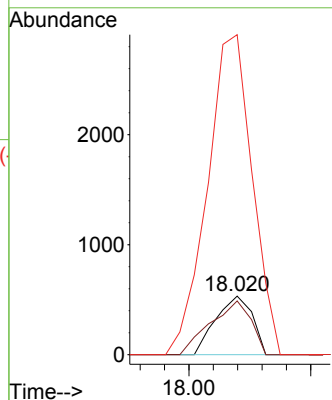
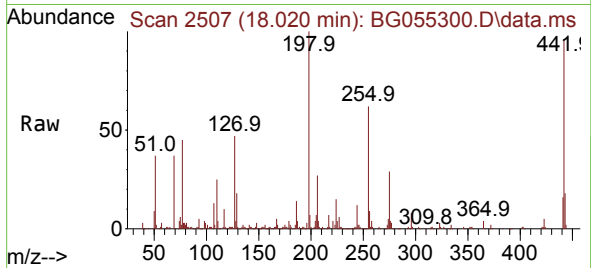




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.020 min Scan# 21
Delta R.T. 0.402 min
Lab File: BG055300.D
Acq: 26 Oct 2022 15:32

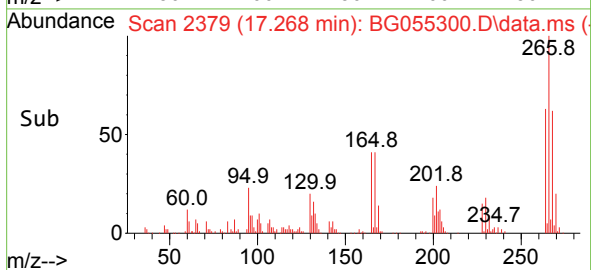
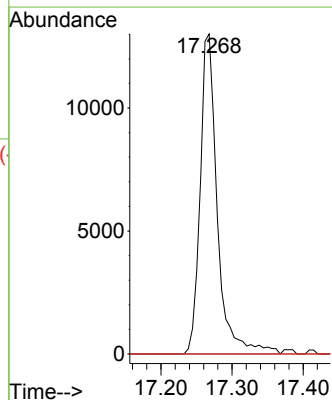
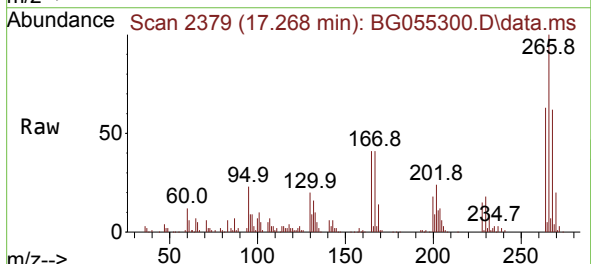
Instrument :
BNA_G
ClientSampleId :
DFTPP

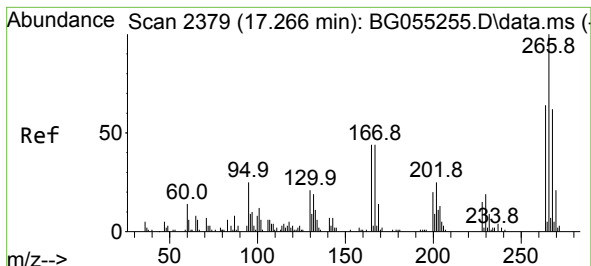
Tgt Ion:188 Resp: 553
Ion Ratio Lower Upper
188 100
94 91.9 8.2 12.4#
80 546.8 10.1 15.1#



#69
Atrazine
Concen: 4173.915 ng
RT: 17.268 min Scan# 2379
Delta R.T. 0.214 min
Lab File: BG055300.D
Acq: 26 Oct 2022 15:32

Tgt Ion:200 Resp: 21846
Ion Ratio Lower Upper
200 100
173 0.0 7.7 47.7#
215 0.0 26.1 66.1#





#70

Pentachlorophenol

Concen: 33733.750 ng

RT: 17.268 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG055300.D

Acq: 26 Oct 2022 15:32

Instrument :

BNA_G

ClientSampleId :

DFTPP

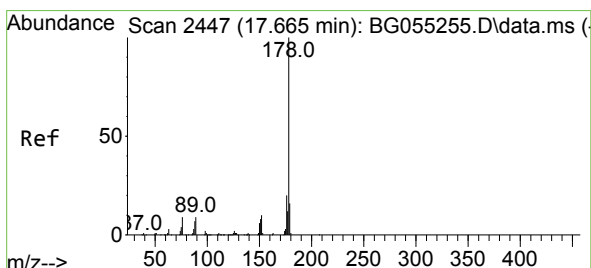
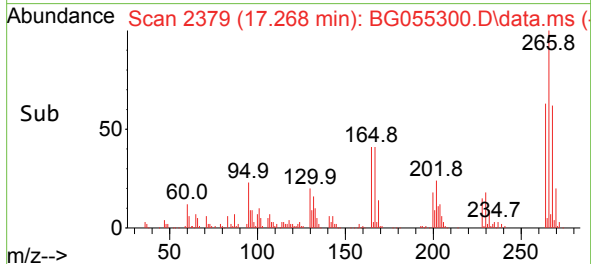
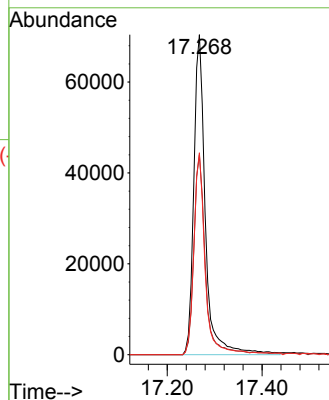
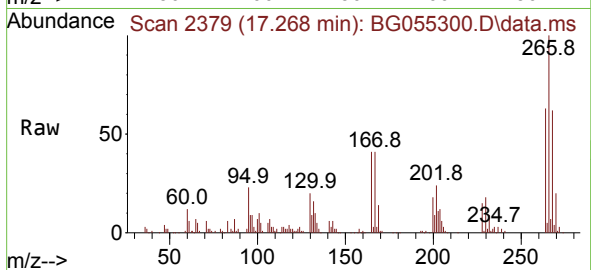
Tgt Ion:266 Resp: 119560

Ion Ratio Lower Upper

266 100

268 62.5 53.2 79.8

264 63.1 51.5 77.3



#71

Phenanthrene

Concen: 16.072 ng

RT: 18.014 min Scan# 2506

Delta R.T. 0.349 min

Lab File: BG055300.D

Acq: 26 Oct 2022 15:32

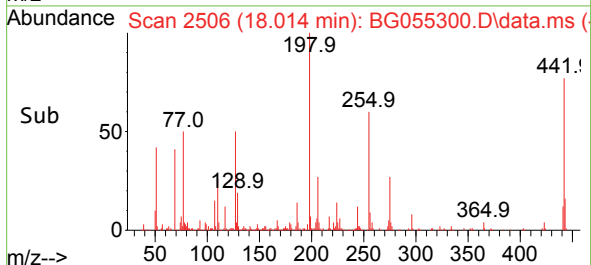
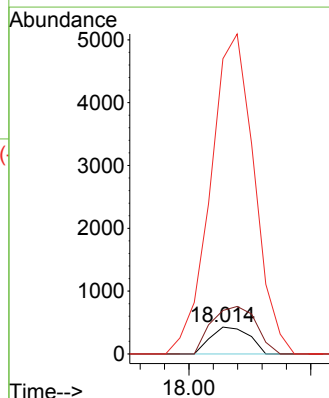
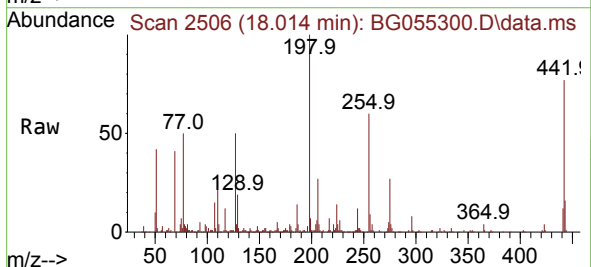
Tgt Ion:178 Resp: 474

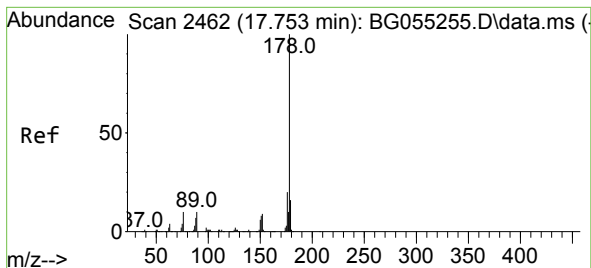
Ion Ratio Lower Upper

178 100

176 162.1 16.0 24.0#

179 1100.2 12.6 19.0#





#72

Anthracene

Concen: 16.440 ng

RT: 18.014 min Scan# 21

Delta R.T. 0.261 min

Lab File: BG055300.D

Acq: 26 Oct 2022 15:32

Instrument :

BNA_G

ClientSampleId :

DFTPP

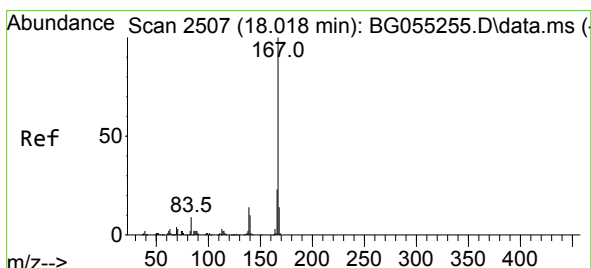
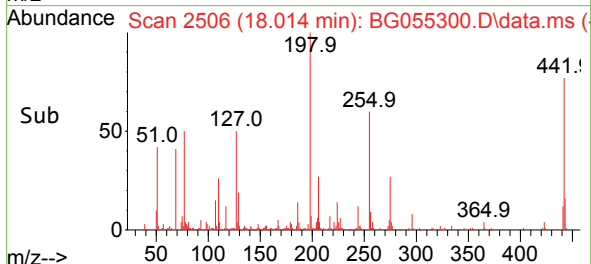
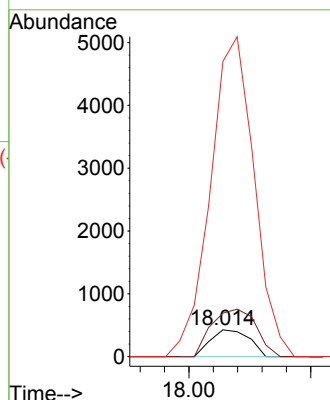
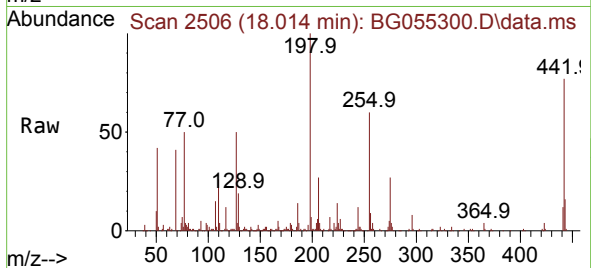
Tgt Ion:178 Resp: 474

Ion Ratio Lower Upper

178 100

176 162.1 15.7 23.5#

179 1100.2 12.9 19.3#



#73

Carbazole

Concen: 331.759 ng

RT: 18.020 min Scan# 2507

Delta R.T. 0.002 min

Lab File: BG055300.D

Acq: 26 Oct 2022 15:32

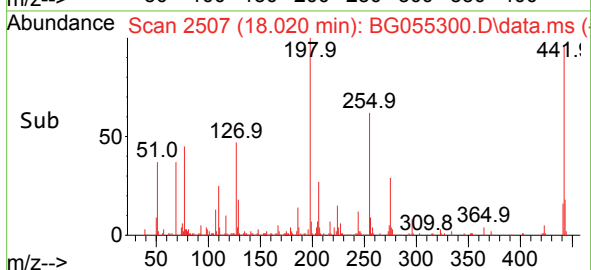
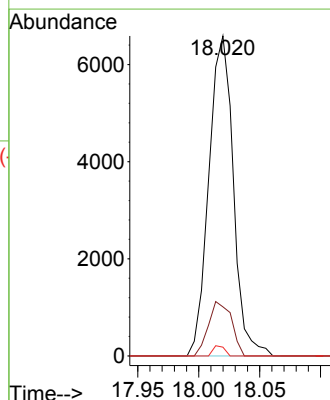
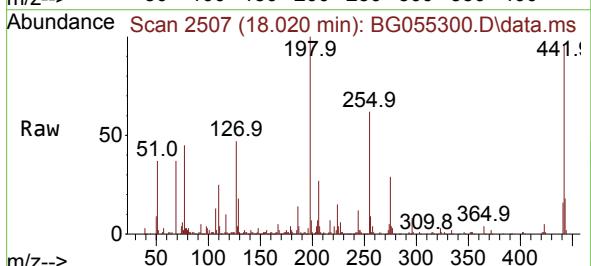
Tgt Ion:167 Resp: 9200

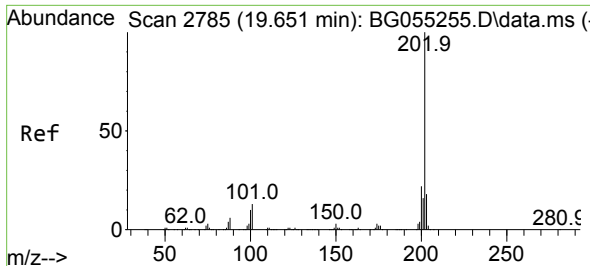
Ion Ratio Lower Upper

167 100

166 15.3 18.6 27.8#

139 2.8 10.9 16.3#

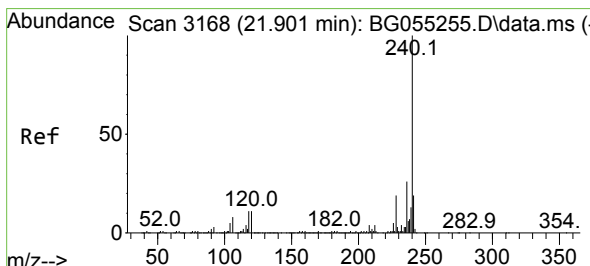
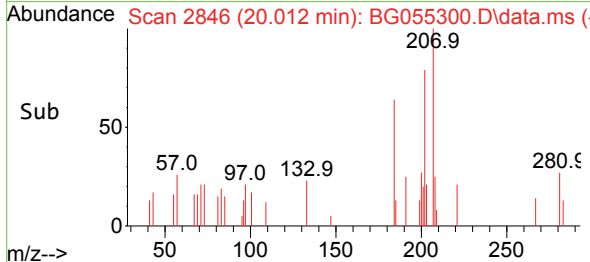
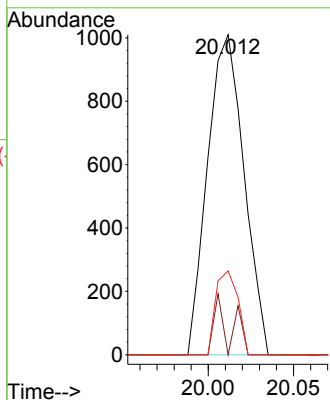
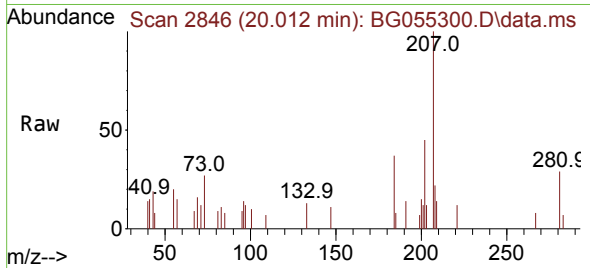




#75
Fluoranthene
Concen: 43.736 ng
RT: 20.012 min Scan# 21
Delta R.T. 0.361 min
Lab File: BG055300.D
Acq: 26 Oct 2022 15:32

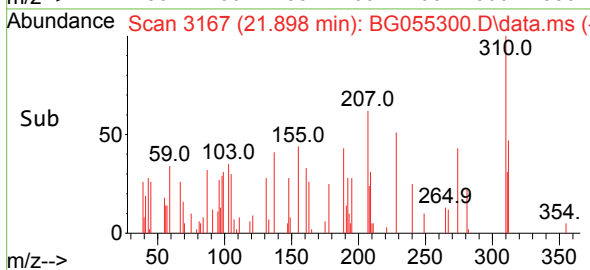
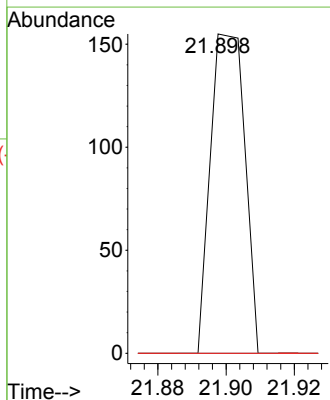
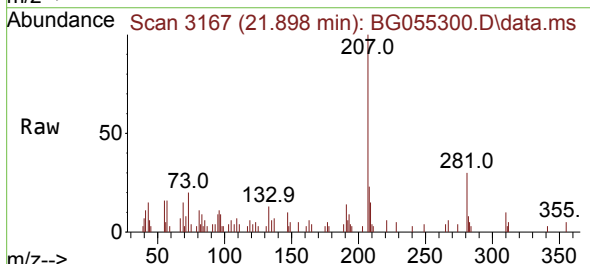
Instrument :
BNA_G
ClientSampleId :
DFTPP

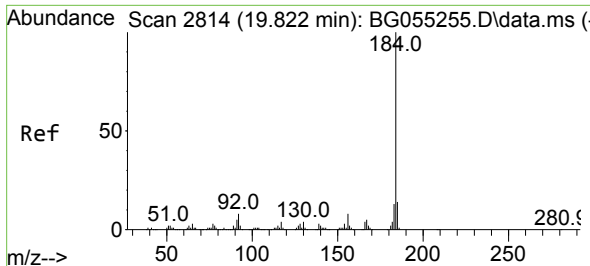
Tgt Ion:	202	Resp:	1503
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	32.6
203	26.2	0.0	38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BG055300.D
Acq: 26 Oct 2022 15:32

Tgt Ion:	240	Resp:	109
Ion Ratio	Lower	Upper	
240	100		
120	0.0	8.9	13.3#
236	0.0	21.0	31.4#

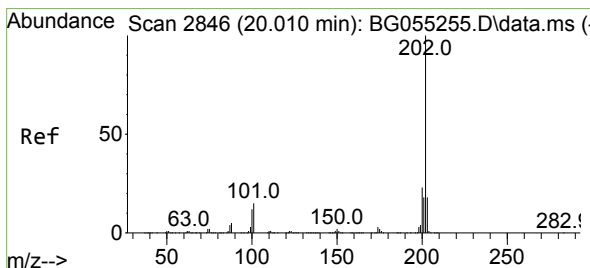
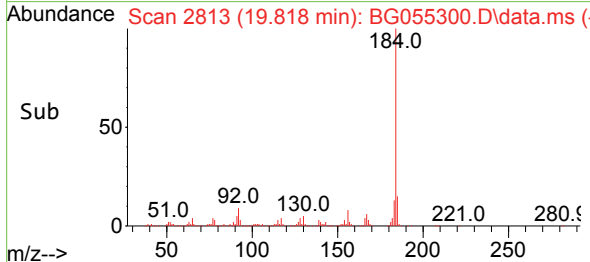
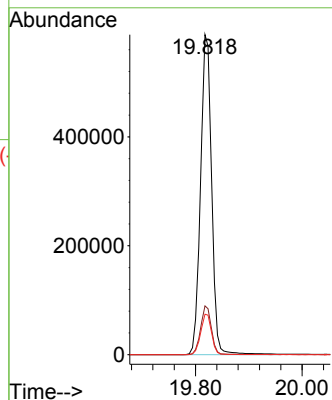
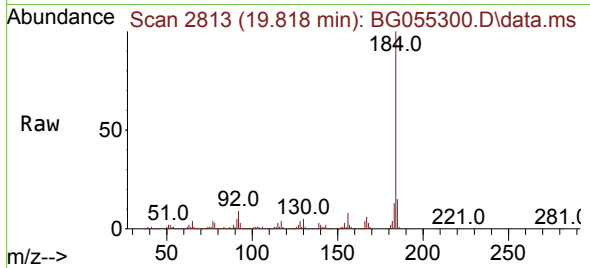




#77
Benzidine
Concen: 321578.566 ng
RT: 19.818 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055300.D
Acq: 26 Oct 2022 15:32

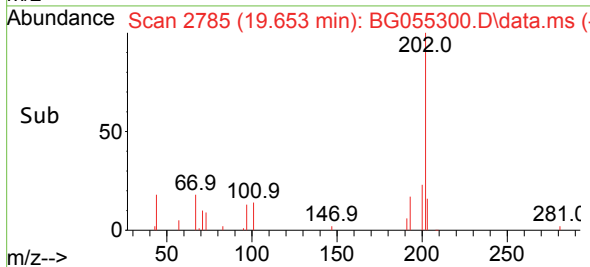
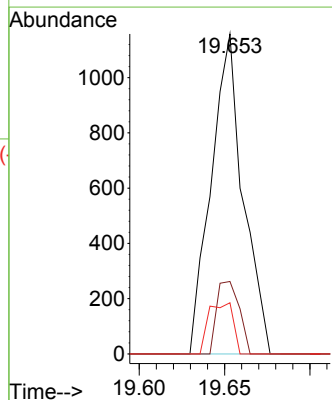
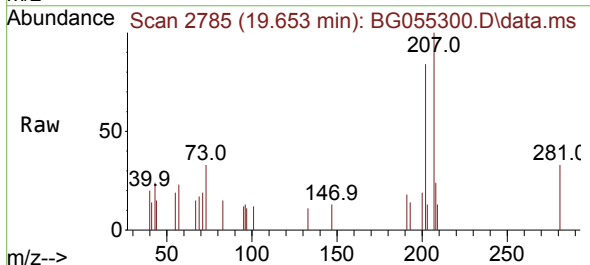
Instrument :
BNA_G
ClientSampleId :
DFTPP

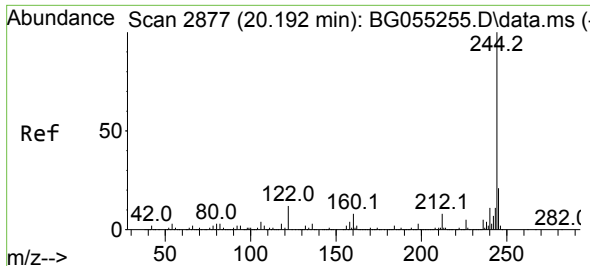
Tgt Ion:184 Resp: 848710
Ion Ratio Lower Upper
184 100
185 15.2 11.0 16.6
183 12.7 10.0 15.0



#78
Pyrene
Concen: 202.108 ng
RT: 19.653 min Scan# 2785
Delta R.T. -0.357 min
Lab File: BG055300.D
Acq: 26 Oct 2022 15:32

Tgt Ion:202 Resp: 1510
Ion Ratio Lower Upper
202 100
200 22.6 18.0 27.0
203 16.0 14.3 21.5

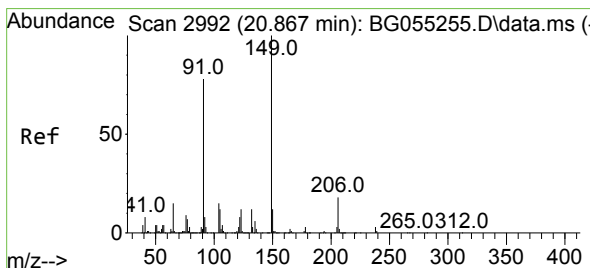
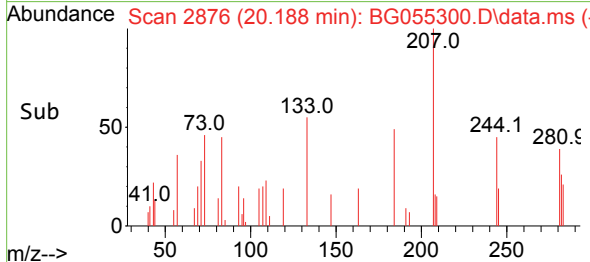
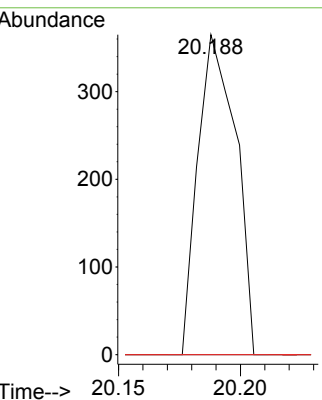
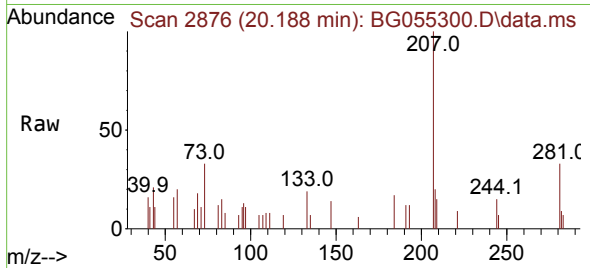




#79
 Terphenyl-d14
 Concen: 75.292 ng
 RT: 20.188 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055300.D
 Acq: 26 Oct 2022 15:32

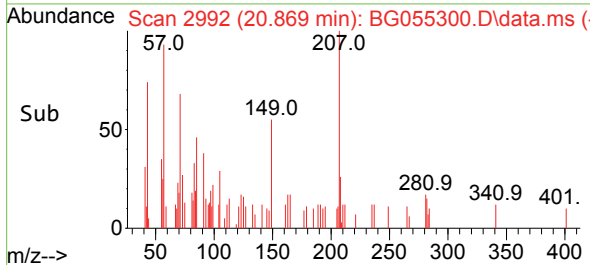
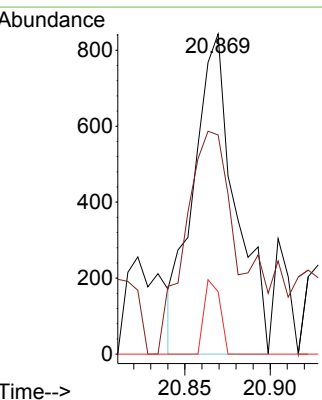
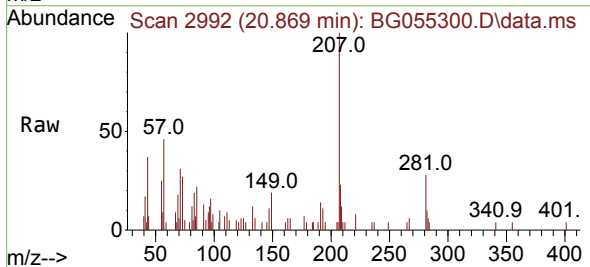
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

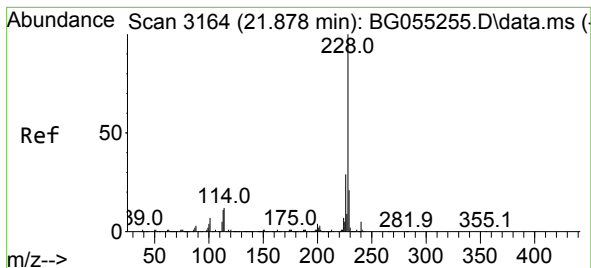
Tgt Ion:244 Resp: 395
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 0.0 9.6 14.4#



#80
 Butylbenzylphthalate
 Concen: 409.288 ng
 RT: 20.869 min Scan# 2992
 Delta R.T. 0.002 min
 Lab File: BG055300.D
 Acq: 26 Oct 2022 15:32

Tgt Ion:149 Resp: 1445
 Ion Ratio Lower Upper
 149 100
 91 68.4 62.2 93.4
 206 19.5 14.6 21.8





#81

Benzo(a)anthracene

Concen: 328.298 ng

RT: 21.874 min Scan# 3163

Delta R.T. -0.004 min

Lab File: BG055300.D

Acq: 26 Oct 2022 15:32

Instrument :

BNA_G

ClientSampleId :

DFTPP

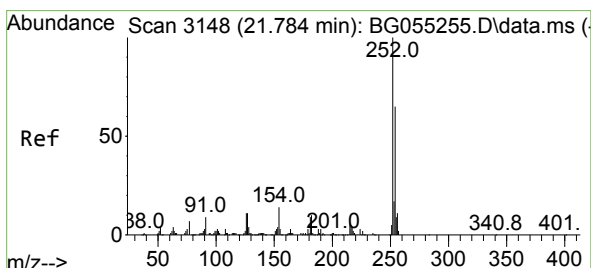
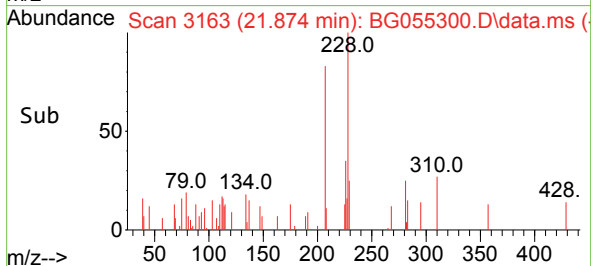
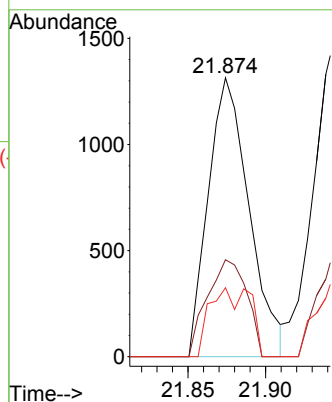
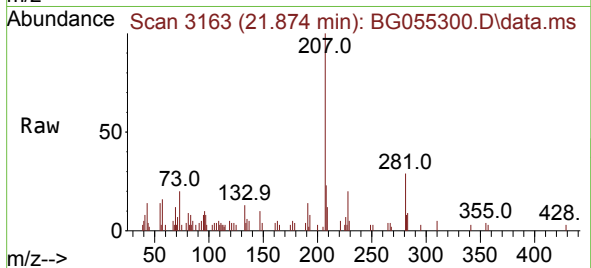
Tgt Ion:228 Resp: 2403

Ion Ratio Lower Upper

228 100

226 34.8 22.9 34.3#

229 24.7 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 606.571 ng

RT: 21.780 min Scan# 3147

Delta R.T. -0.004 min

Lab File: BG055300.D

Acq: 26 Oct 2022 15:32

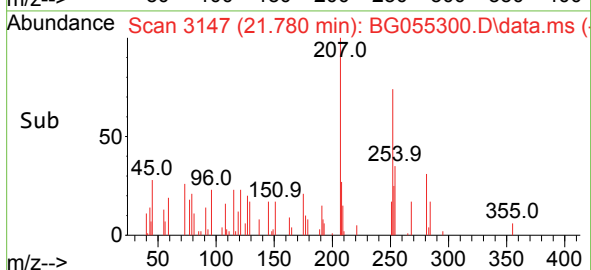
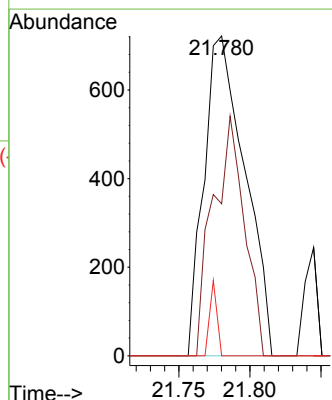
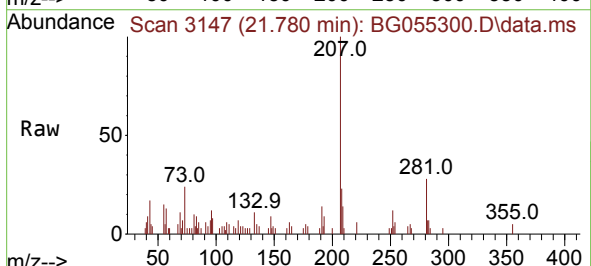
Tgt Ion:252 Resp: 1446

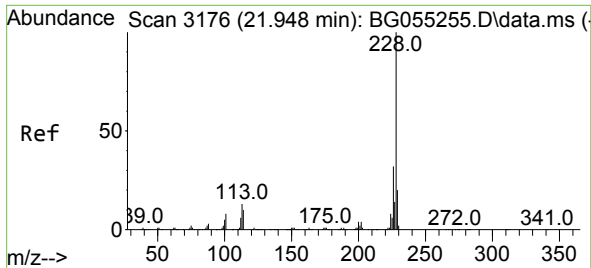
Ion Ratio Lower Upper

252 100

254 47.5 52.2 78.4#

126 0.0 8.6 12.8#

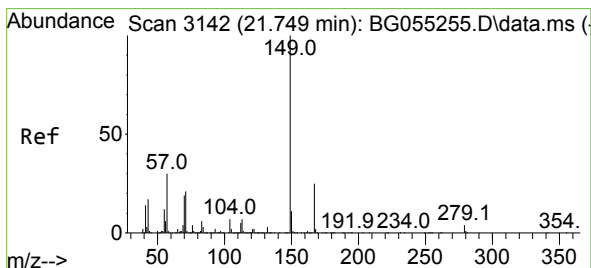
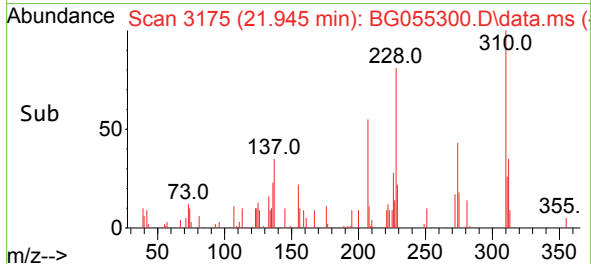
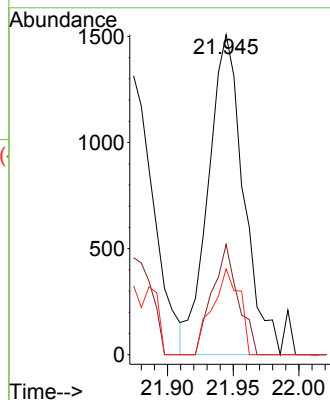
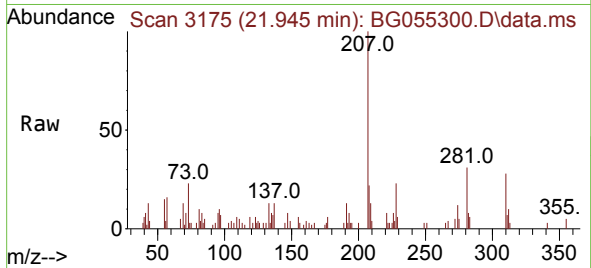




#83
Chrysene
Concen: 405.595 ng
RT: 21.945 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG055300.D
Acq: 26 Oct 2022 15:32

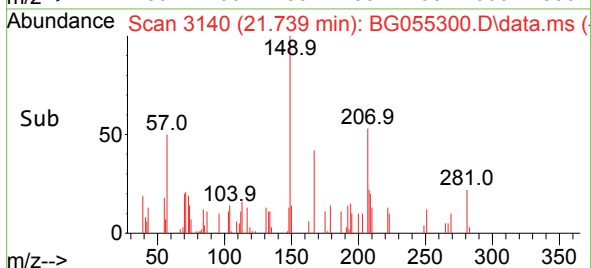
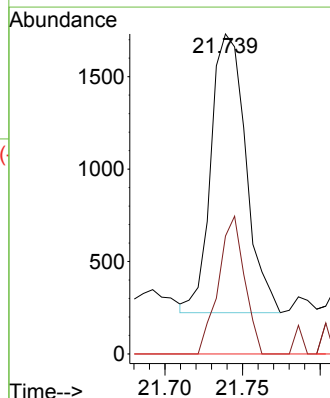
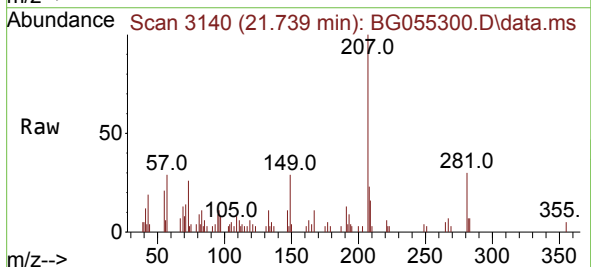
Instrument :
BNA_G
ClientSampleId :
DFTTP

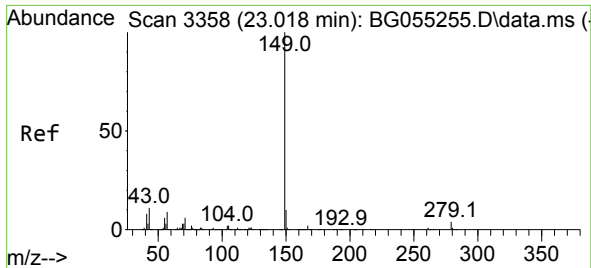
Tgt Ion:228 Resp: 2820
Ion Ratio Lower Upper
228 100
226 34.5 25.8 38.8
229 26.8 16.3 24.5#



#84
Bis(2-ethylhexyl)phthalate
Concen: 467.337 ng
RT: 21.739 min Scan# 3140
Delta R.T. -0.010 min
Lab File: BG055300.D
Acq: 26 Oct 2022 15:32

Tgt Ion:149 Resp: 2357
Ion Ratio Lower Upper
149 100
167 36.9 20.2 30.2#
279 0.0 2.8 4.2#

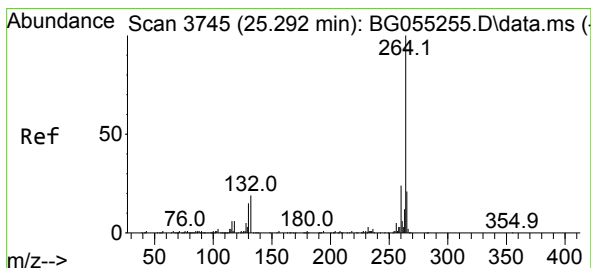
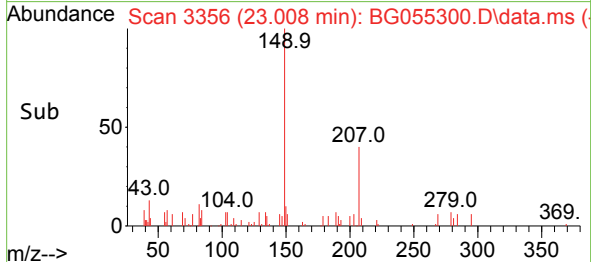
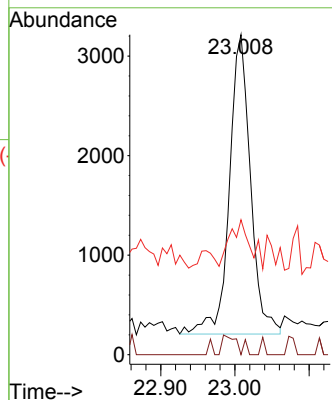
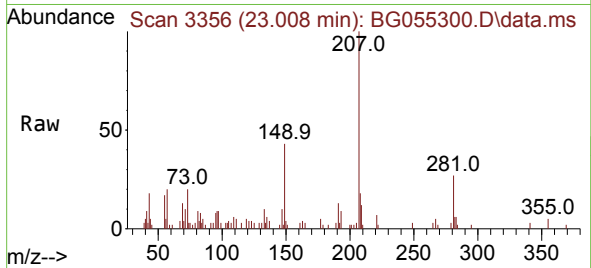




#85
Di-n-octyl phthalate
Concen: 711.599 ng
RT: 23.008 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG055300.D
Acq: 26 Oct 2022 15:32

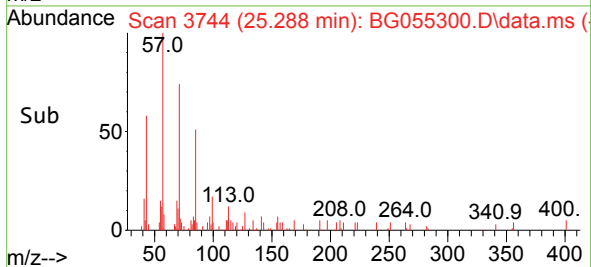
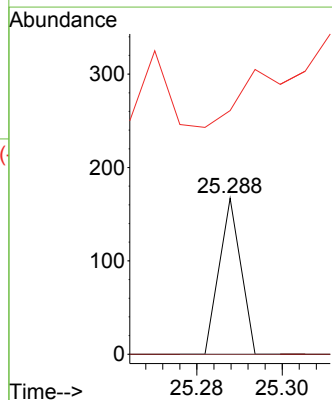
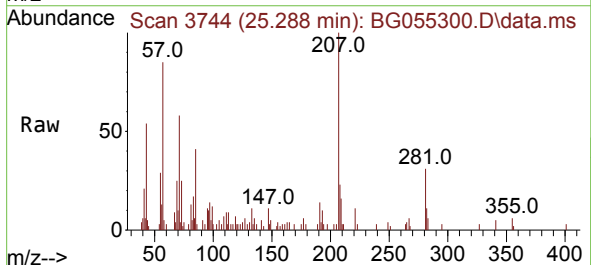
Instrument :
BNA_G
ClientSampleId :
DFTPP

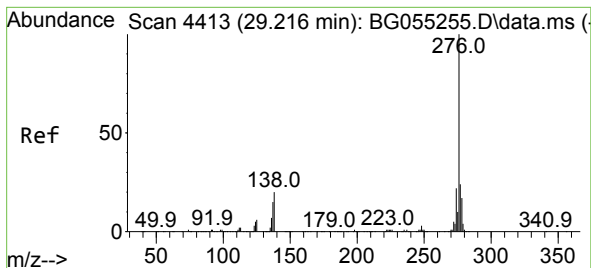
Tgt Ion:149 Resp: 5979
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 12.7 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.288 min Scan# 3744
Delta R.T. -0.004 min
Lab File: BG055300.D
Acq: 26 Oct 2022 15:32

Tgt Ion:264 Resp: 59
Ion Ratio Lower Upper
264 100
260 0.0 19.5 29.3#
265 156.3 17.4 26.2#





#87

Indeno(1,2,3-cd)pyrene

Concen: 393.561 ng

RT: 29.189 min Scan# 4413

Delta R.T. -0.027 min

Lab File: BG055300.D

Acq: 26 Oct 2022 15:32

Instrument :

BNA_G

ClientSampleId :

DFTPP

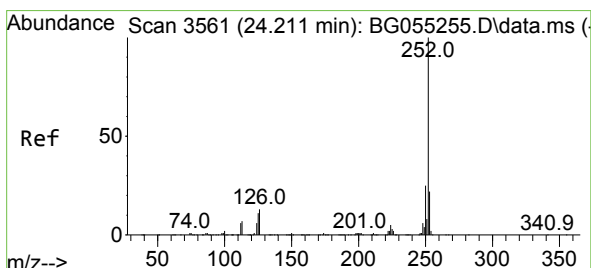
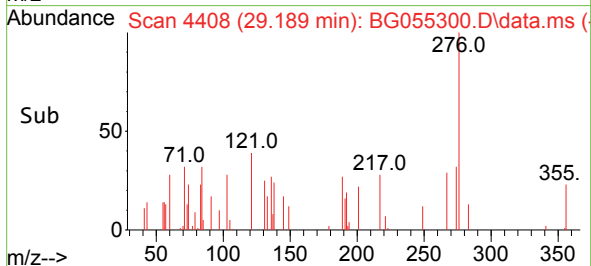
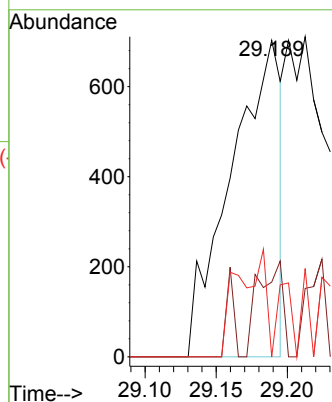
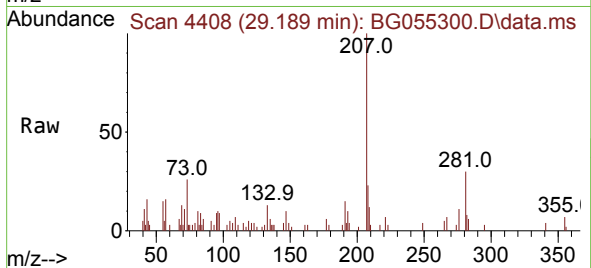
Tgt Ion:276 Resp: 1715

Ion Ratio Lower Upper

276 100

138 14.7 13.9 20.9

277 18.9 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 1586.656 ng

RT: 24.207 min Scan# 3560

Delta R.T. -0.004 min

Lab File: BG055300.D

Acq: 26 Oct 2022 15:32

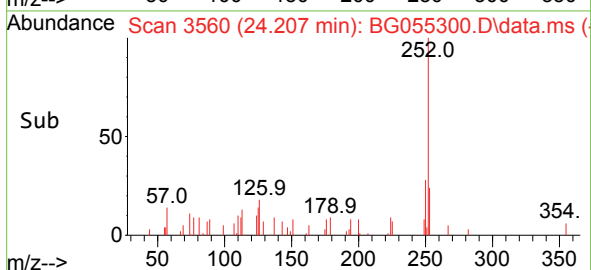
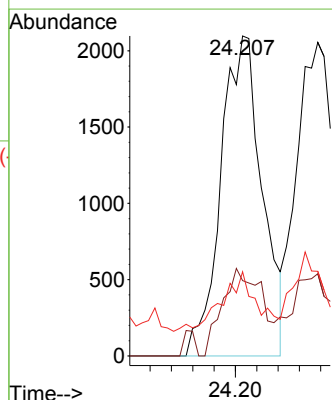
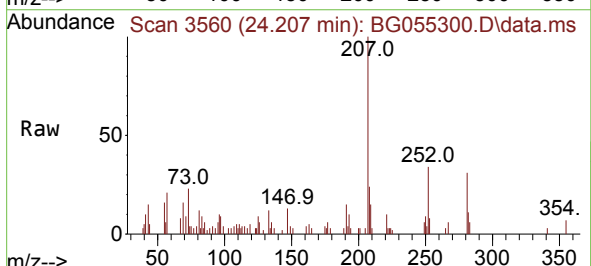
Tgt Ion:252 Resp: 5631

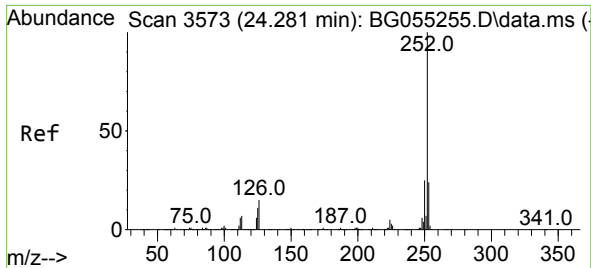
Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

125 26.3 9.0 13.4#

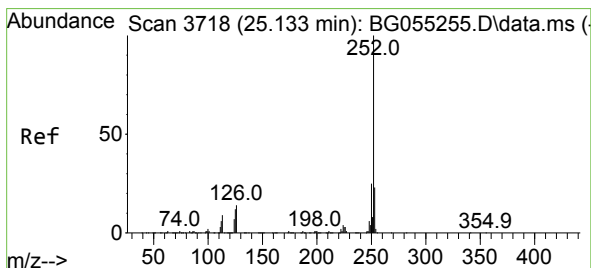
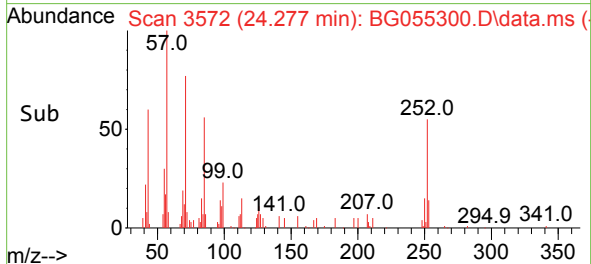
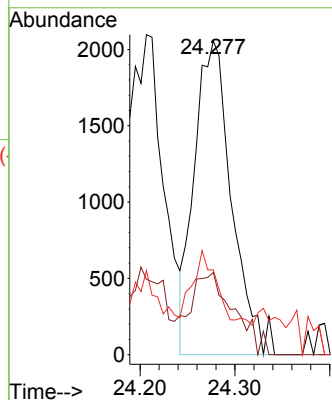
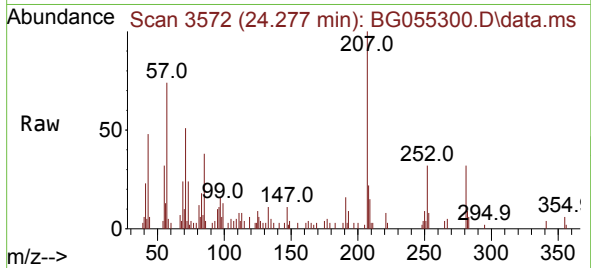




#89
Benzo(k)fluoranthene
Concen: 1571.883 ng
RT: 24.277 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG055300.D
Acq: 26 Oct 2022 15:32

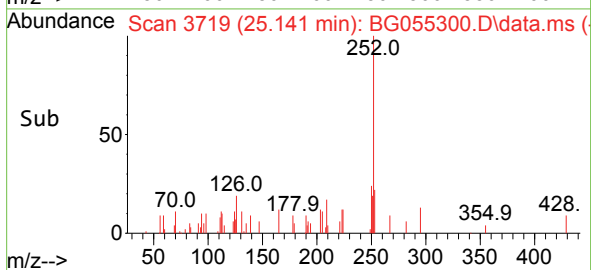
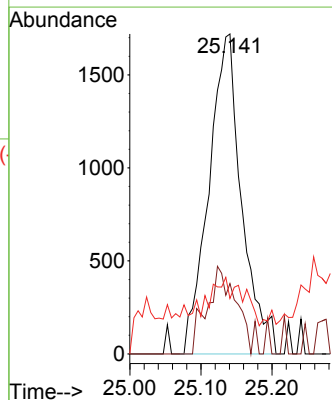
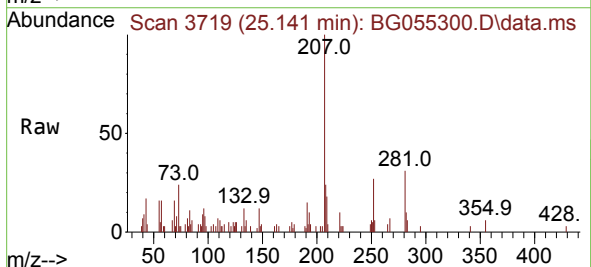
Instrument :
BNA_G
ClientSampleId :
DFTPP

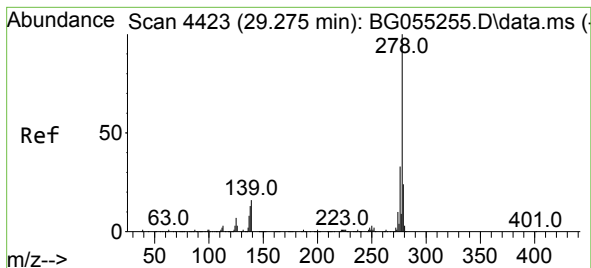
Tgt Ion:252 Resp: 5633
Ion Ratio Lower Upper
252 100
253 26.2 18.6 27.8
125 27.0 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 1815.396 ng
RT: 25.141 min Scan# 3719
Delta R.T. 0.008 min
Lab File: BG055300.D
Acq: 26 Oct 2022 15:32

Tgt Ion:252 Resp: 5525
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 17.3 9.8 14.8#





#91

Dibenzo(a,h)anthracene

Concen: 793.330 ng

RT: 29.265 min Scan# 4423

Delta R.T. -0.010 min

Lab File: BG055300.D

Acq: 26 Oct 2022 15:32

Instrument :

BNA_G

ClientSampleId :

DFTPP

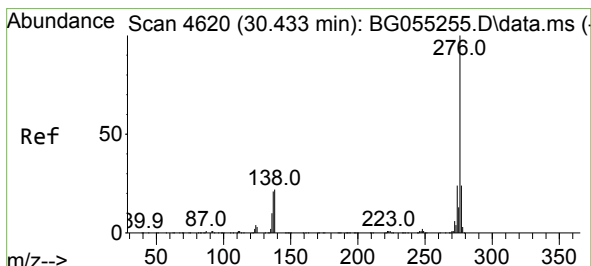
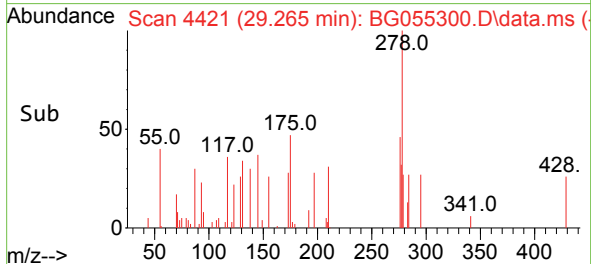
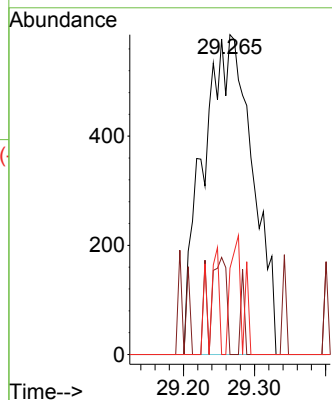
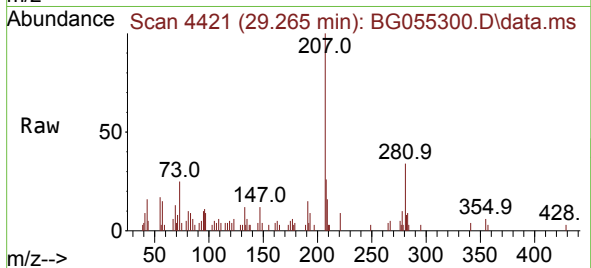
Tgt Ion:278 Resp: 2837

Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3#

279 27.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 919.375 ng

RT: 30.423 min Scan# 4618

Delta R.T. -0.010 min

Lab File: BG055300.D

Acq: 26 Oct 2022 15:32

Tgt Ion:276 Resp: 3261

Ion Ratio Lower Upper

276 100

277 31.9 19.1 28.7#

138 0.0 17.2 25.8#

