

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055289.D
 Acq On : 26 Oct 2022 00:13
 Operator : CG/JU
 Sample : N5257-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 14:48:30 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)

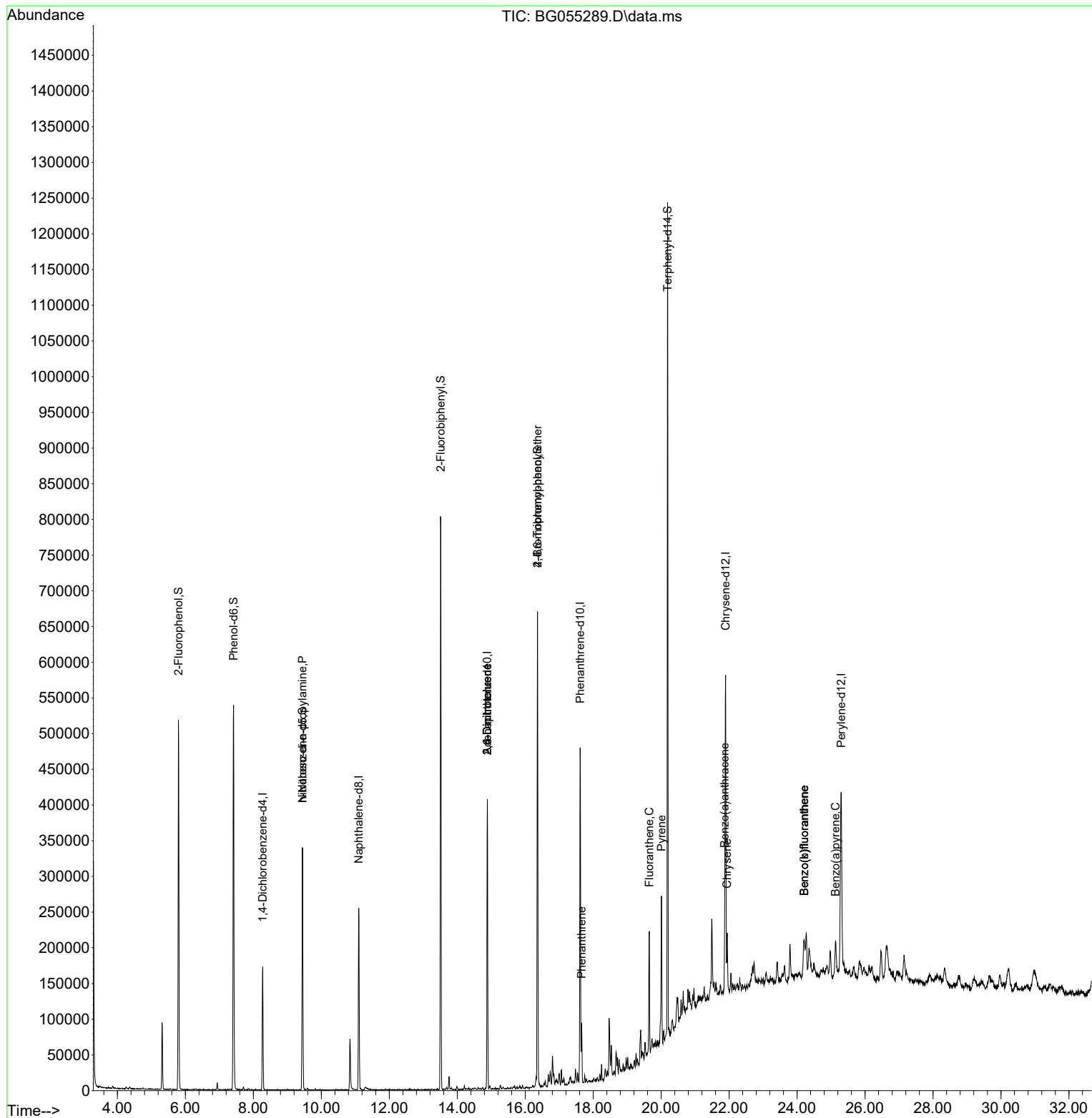
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	49109	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	212477	20.000	ng	0.00
39) Acenaphthene-d10	14.885	164	140071	20.000	ng	0.00
64) Phenanthrene-d10	17.617	188	292524	20.000	ng	0.00
76) Chrysene-d12	21.895	240	261087	20.000	ng	0.00
86) Perylene-d12	25.297	264	276995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	236126	84.190	ng	0.00
7) Phenol-d6	7.418	99	328316	80.800	ng	0.00
23) Nitrobenzene-d5	9.445	82	210913	50.687	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	124302	81.633	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	412137	48.159	ng	0.00
79) Terphenyl-d14	20.191	244	559194	44.500	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.445	70	27748	8.223	ng	# 77
51) 2,6-Dinitrotoluene	14.885	165	18542	8.286	ng	# 21
57) 2,4-Dinitrotoluene	14.885	165	18542	5.710	ng	# 19
67) 4-Bromophenyl-phenylether	16.360	248	8126	2.859	ng	# 1
71) Phenanthrene	17.659	178	48256	3.093	ng	98
75) Fluoranthene	19.650	202	103994	5.721	ng	99
78) Pyrene	20.009	202	111583	6.235	ng	98
81) Benzo(a)anthracene	21.871	228	51312	2.927	ng	98
83) Chrysene	21.942	228	55750	3.348	ng	95
88) Benzo(b)fluoranthene	24.210	252	68371	4.103	ng	# 92
89) Benzo(k)fluoranthene	24.210	252	68371	4.064	ng	# 94
90) Benzo(a)pyrene	25.132	252	48488	3.394	ng	# 93

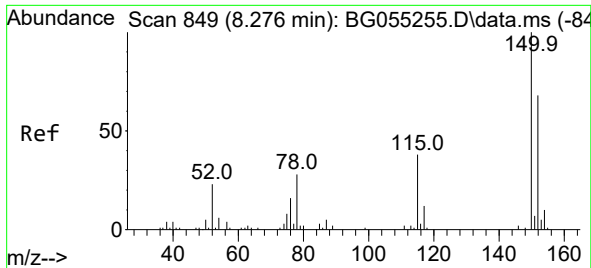
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055289.D
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Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

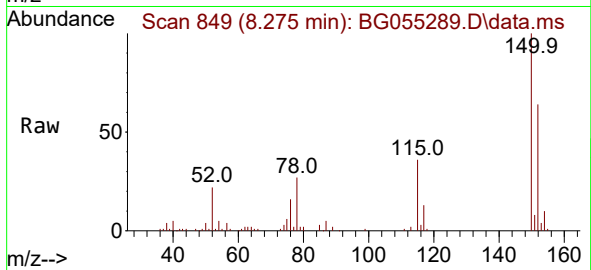
Quant Time: Oct 26 14:48:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
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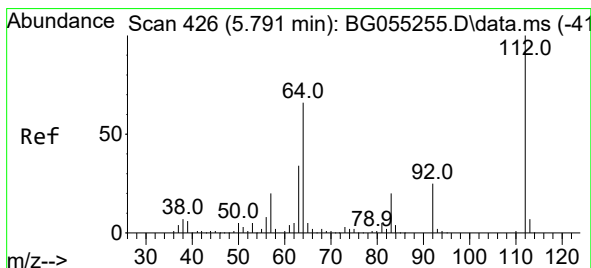
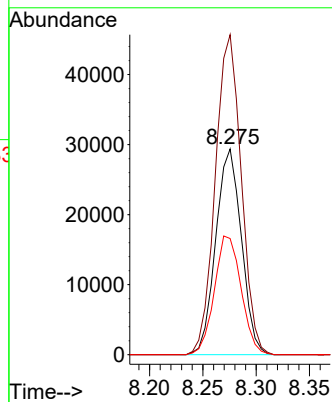
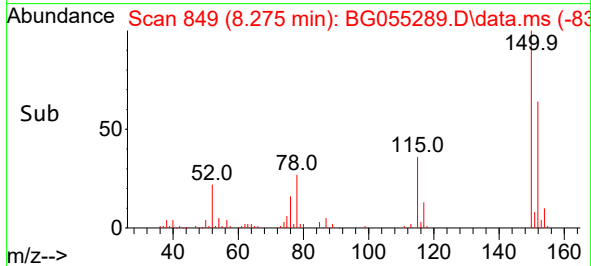


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.275 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13

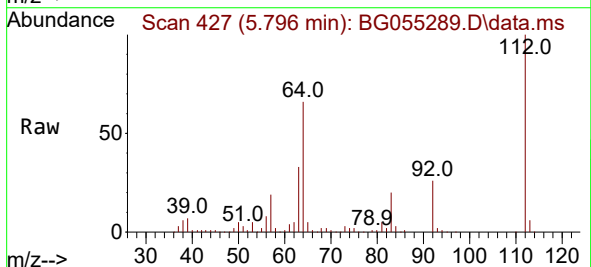
Instrument :
BNA_G
ClientSampleId :



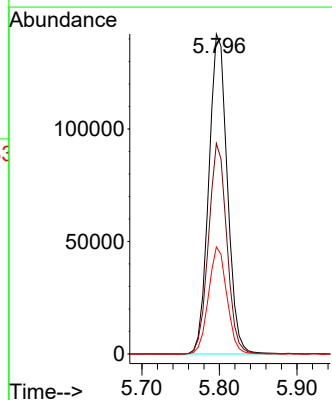
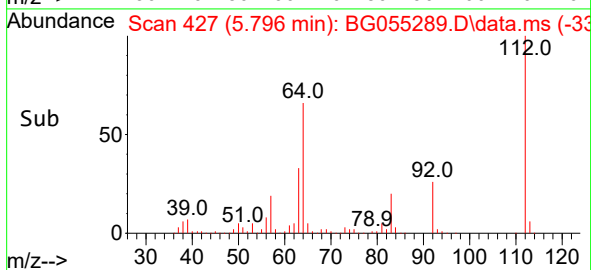
Tgt Ion:152 Resp: 49109
Ion Ratio Lower Upper
152 100
150 155.5 118.2 177.4
115 56.5 44.5 66.7

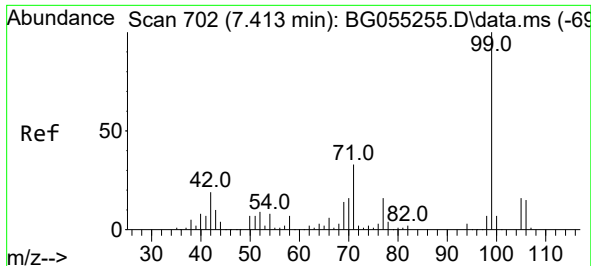


#5
2-Fluorophenol
Concen: 84.190 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.005 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13



Tgt Ion:112 Resp: 236126
Ion Ratio Lower Upper
112 100
64 65.8 52.6 78.8
63 33.5 27.1 40.7

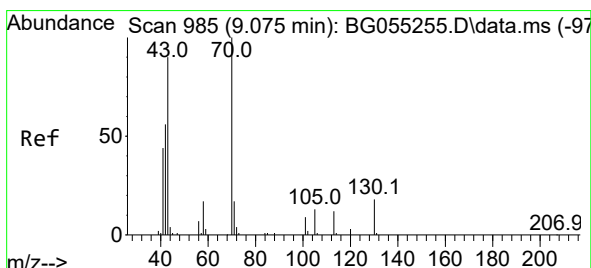
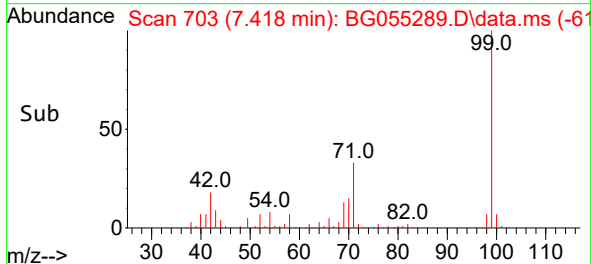
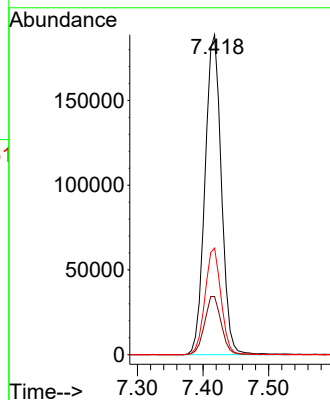
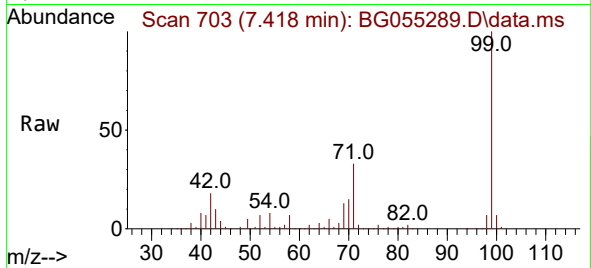




#7
Phenol-d6
Concen: 80.800 ng
RT: 7.418 min Scan# 702
Delta R.T. 0.005 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13

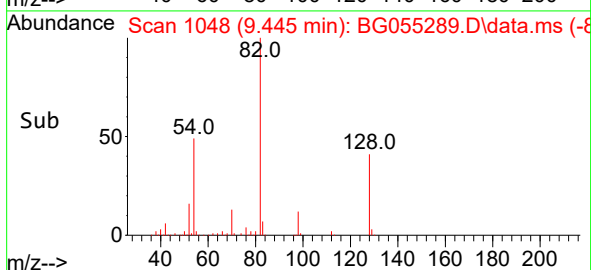
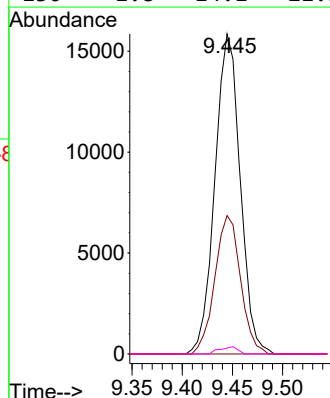
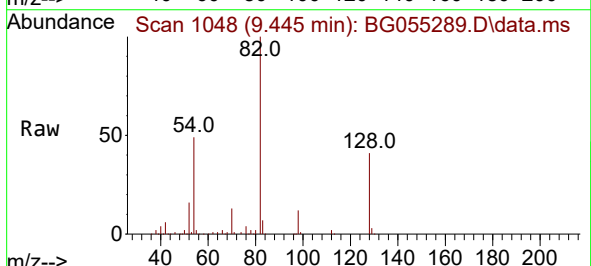
Instrument :
BNA_G
ClientSampleId :

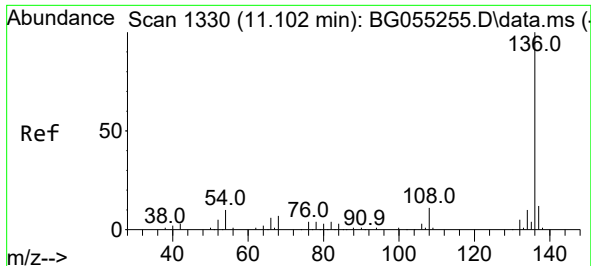
Tgt Ion: 99 Resp: 328316
Ion Ratio Lower Upper
99 100
42 18.2 15.2 22.8
71 33.3 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.223 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.369 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13

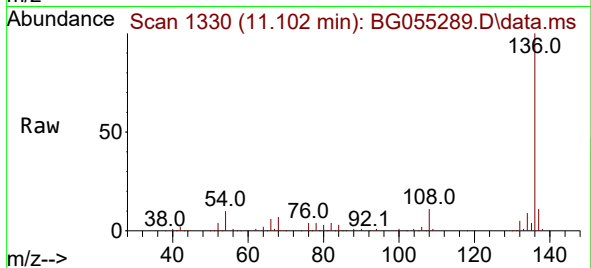
Tgt Ion: 70 Resp: 27748
Ion Ratio Lower Upper
70 100
42 43.3 45.8 68.6#
101 0.0 7.4 11.0#
130 1.8 14.1 21.1#



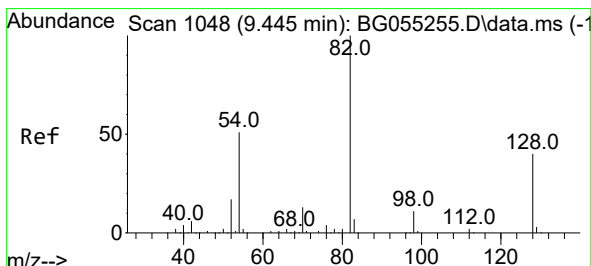
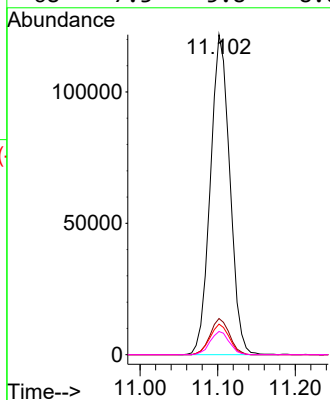
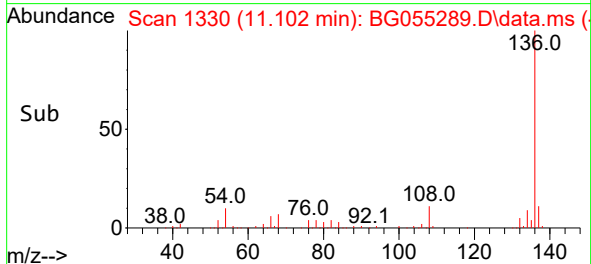


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13

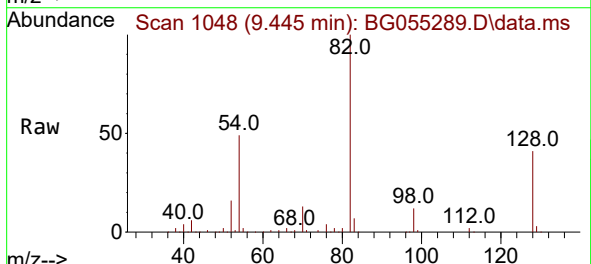
Instrument :
BNA_G
ClientSampleId :



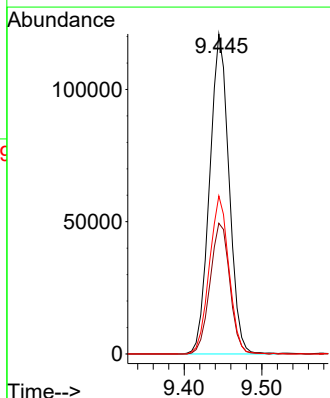
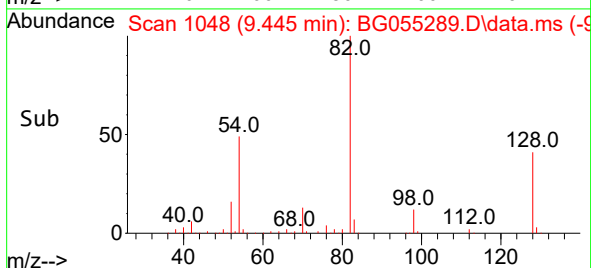
Tgt Ion:136 Resp: 212477
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.5 7.8 11.8
68 7.3 5.8 8.6

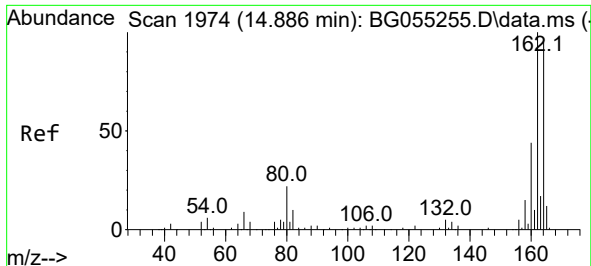


#23
Nitrobenzene-d5
Concen: 50.687 ng
RT: 9.445 min Scan# 1048
Delta R.T. -0.001 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13



Tgt Ion: 82 Resp: 210913
Ion Ratio Lower Upper
82 100
128 40.9 32.0 48.0
54 49.4 40.9 61.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.885 min Scan# 1974

Delta R.T. -0.001 min

Lab File: BG055289.D

Acq: 26 Oct 2022 00:13

Instrument :

BNA_G

ClientSampleId :

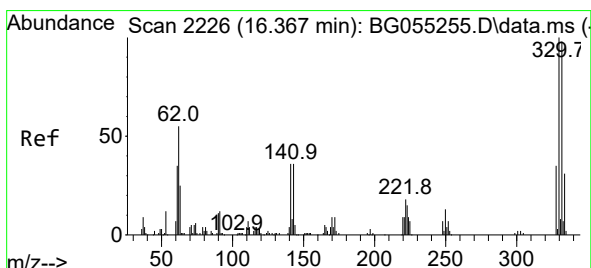
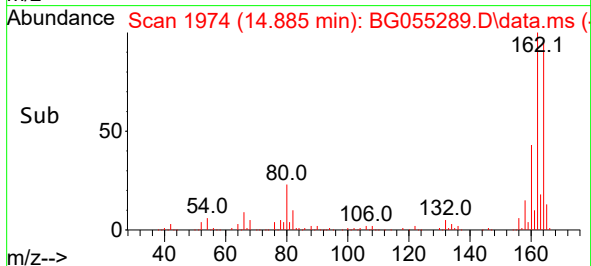
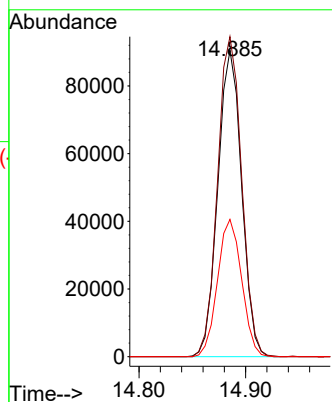
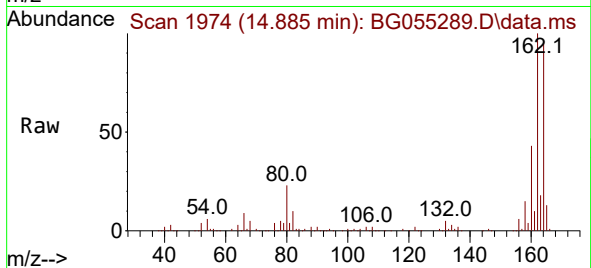
Tgt Ion:164 Resp: 140071

Ion Ratio Lower Upper

164 100

162 104.4 84.0 126.0

160 44.8 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 81.633 ng

RT: 16.360 min Scan# 2225

Delta R.T. -0.007 min

Lab File: BG055289.D

Acq: 26 Oct 2022 00:13

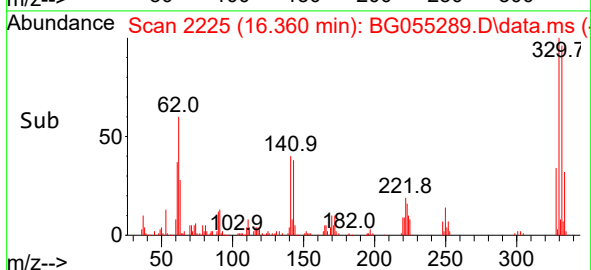
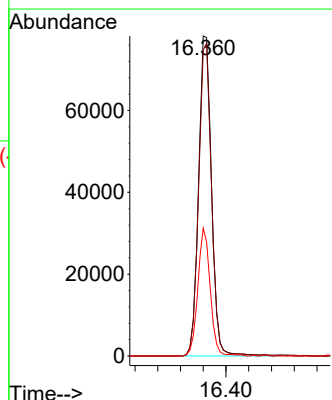
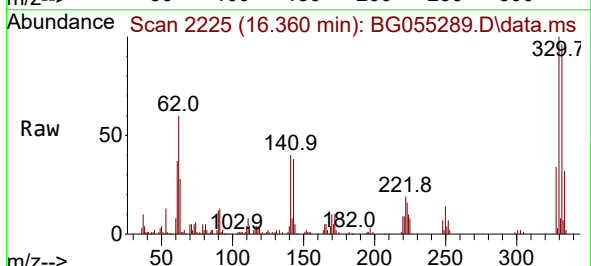
Tgt Ion:330 Resp: 124302

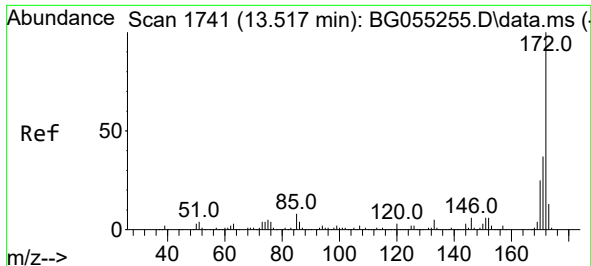
Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 38.1 29.8 44.8

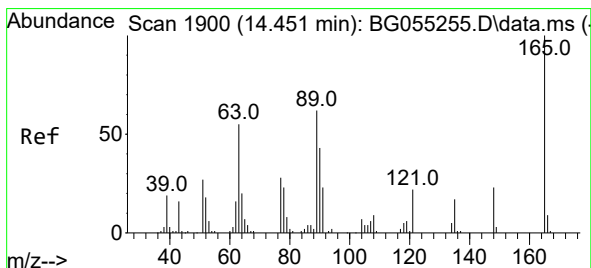
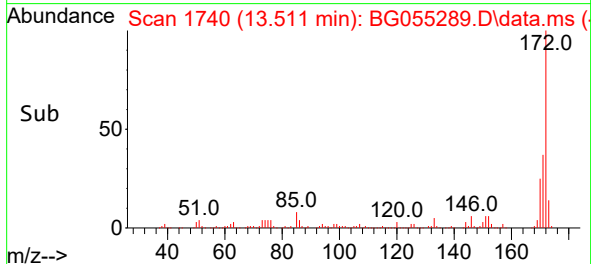
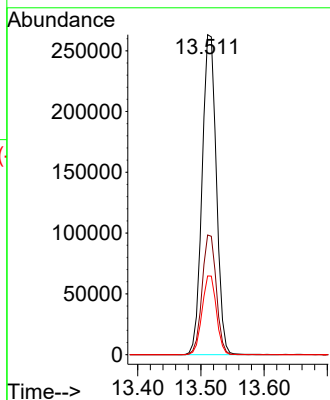
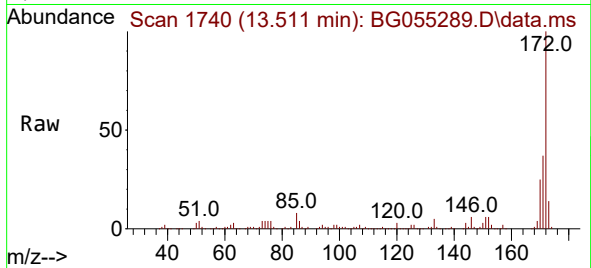




#45
2-Fluorobiphenyl
Concen: 48.159 ng
RT: 13.511 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13

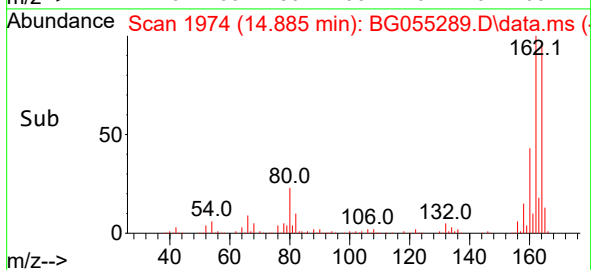
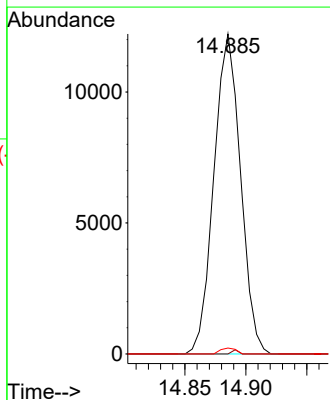
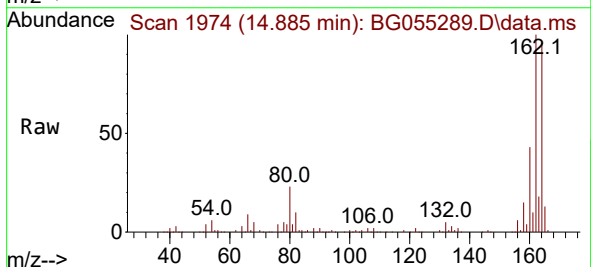
Instrument :
BNA_G
ClientSampleId :

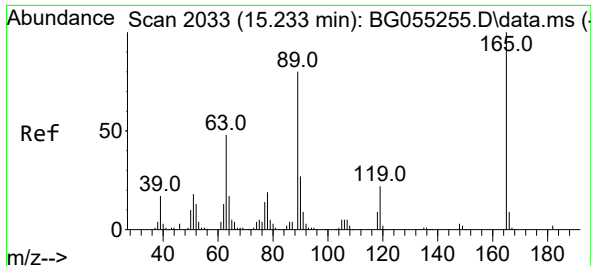
Tgt Ion:172 Resp: 412137
Ion Ratio Lower Upper
172 100
171 37.4 29.7 44.5
170 24.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.286 ng
RT: 14.885 min Scan# 1974
Delta R.T. 0.434 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13

Tgt Ion:165 Resp: 18542
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 1.8 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.710 ng

RT: 14.885 min Scan# 1974

Delta R.T. -0.347 min

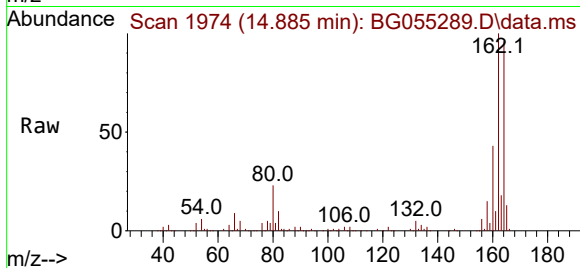
Lab File: BG055289.D

Acq: 26 Oct 2022 00:13

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 18542

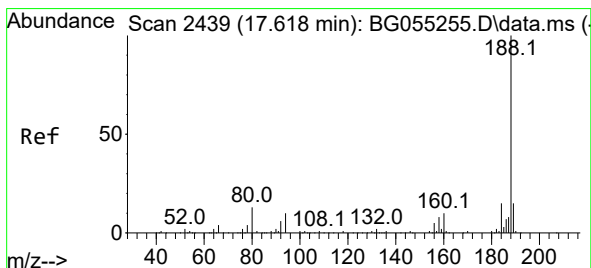
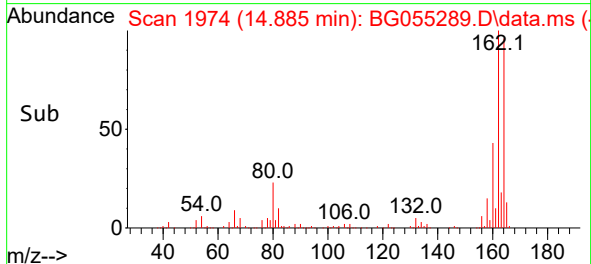
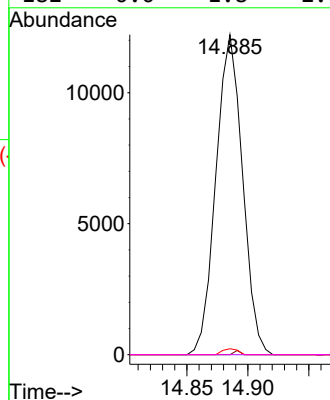
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 1.8 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.617 min Scan# 2439

Delta R.T. -0.001 min

Lab File: BG055289.D

Acq: 26 Oct 2022 00:13

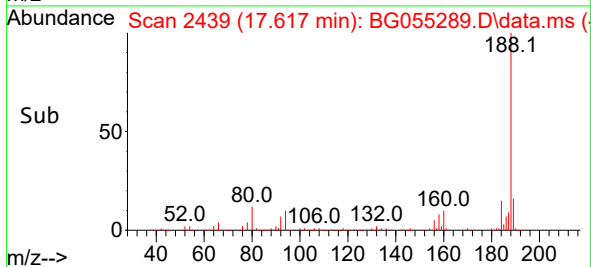
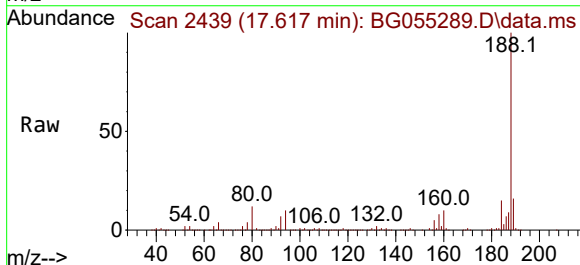
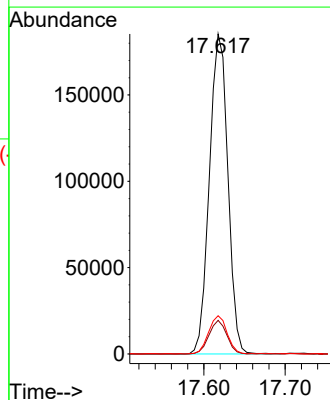
Tgt Ion:188 Resp: 292524

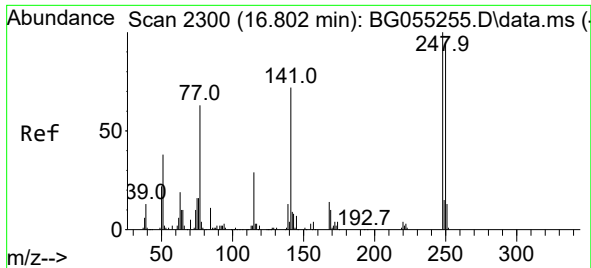
Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.4

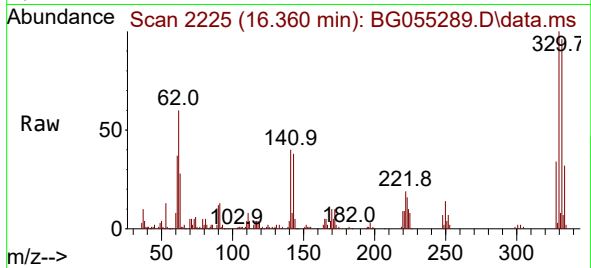
80 12.0 10.1 15.1



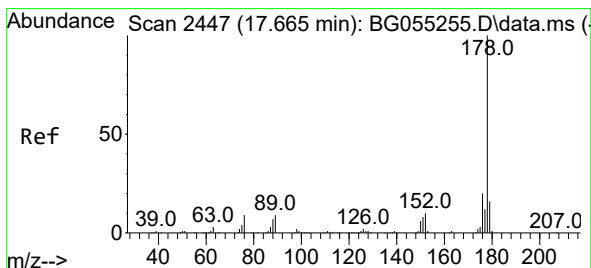
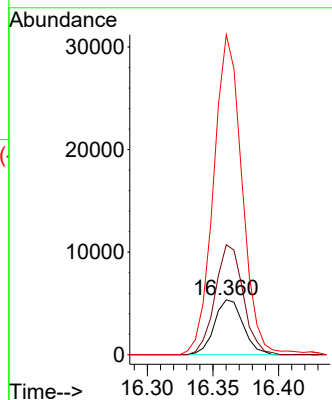
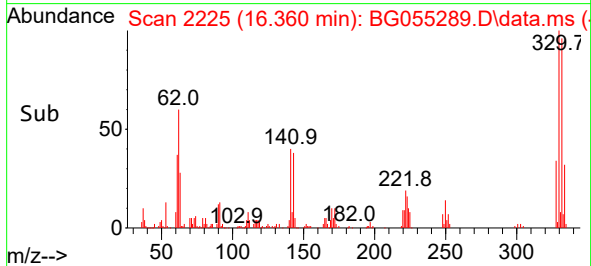


#67
4-Bromophenyl-phenylether
Concen: 2.859 ng
RT: 16.360 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13

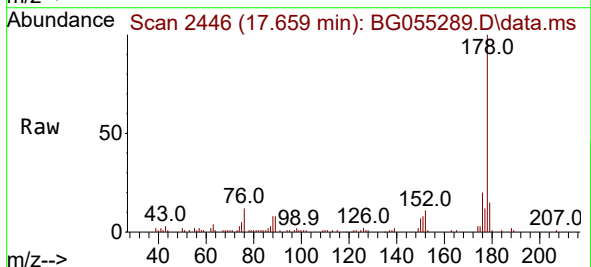
Instrument :
BNA_G
ClientSampleId :



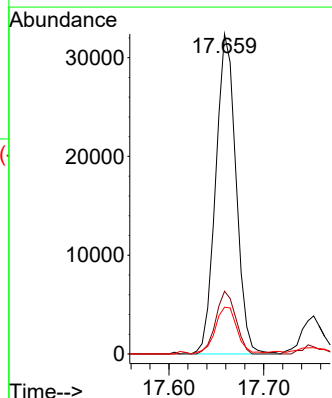
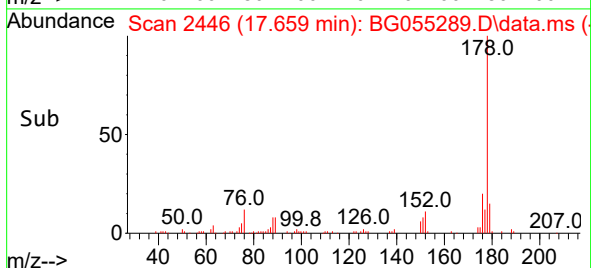
Tgt Ion:248 Resp: 8126
Ion Ratio Lower Upper
248 100
250 200.6 76.0 114.0#
141 583.5 58.0 87.0#

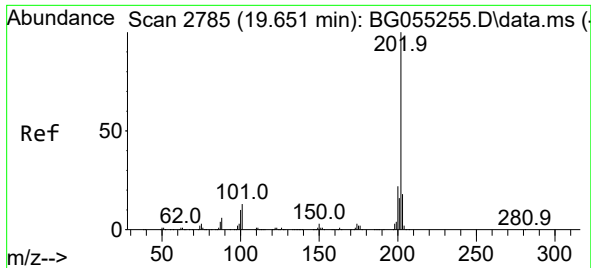


#71
Phenanthrene
Concen: 3.093 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.007 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13



Tgt Ion:178 Resp: 48256
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 14.6 12.6 19.0

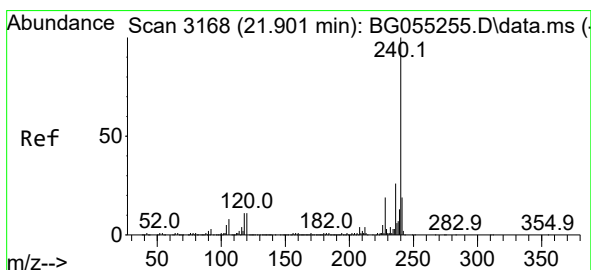
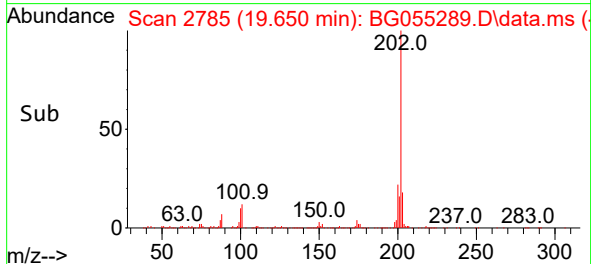
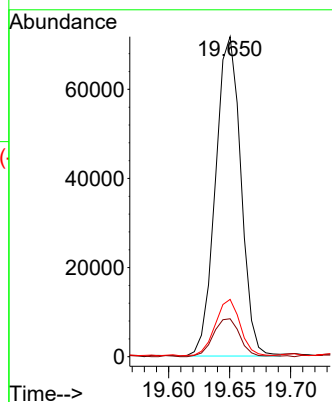
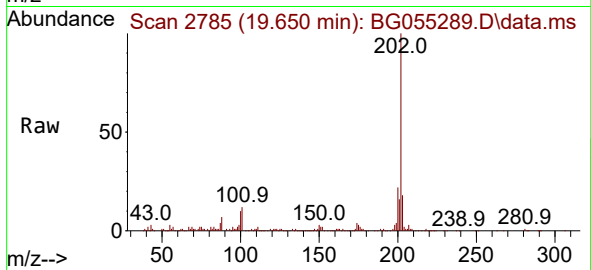




#75
Fluoranthene
Concen: 5.721 ng
RT: 19.650 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13

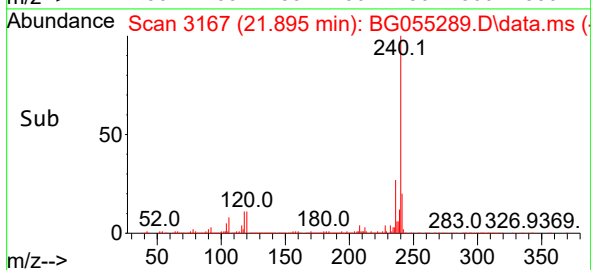
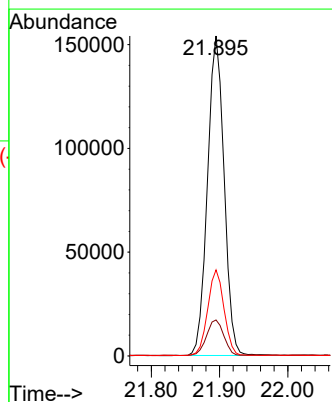
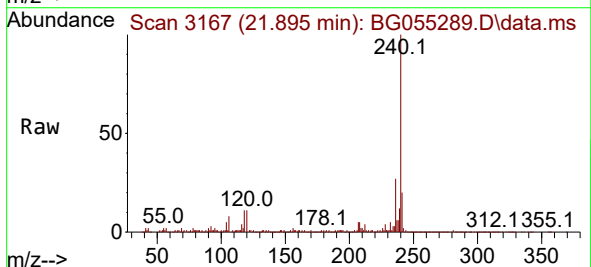
Instrument :
BNA_G
ClientSampleId :

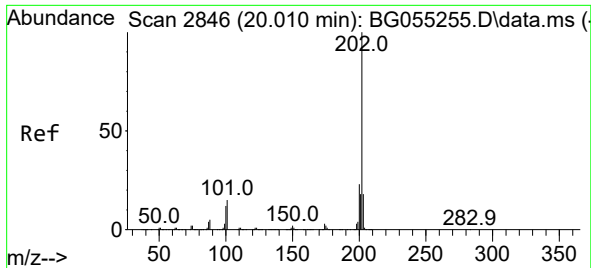
Tgt Ion:202 Resp: 103994
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.6
203 17.9 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13

Tgt Ion:240 Resp: 261087
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.9 21.0 31.4

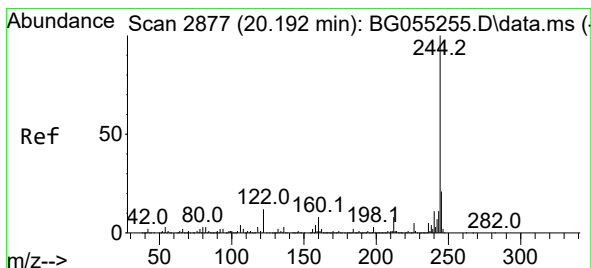
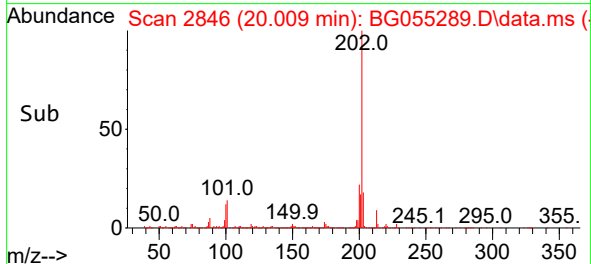
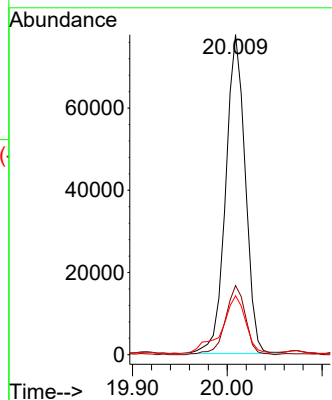
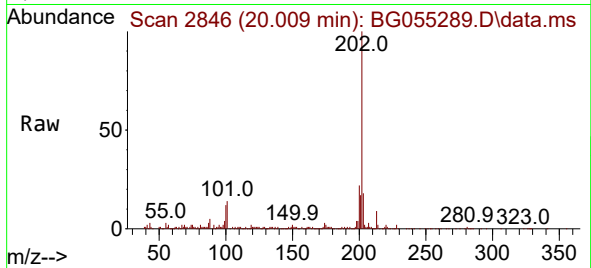




#78
 Pyrene
 Concen: 6.235 ng
 RT: 20.009 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055289.D
 Acq: 26 Oct 2022 00:13

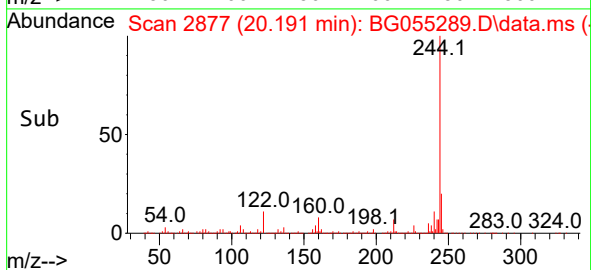
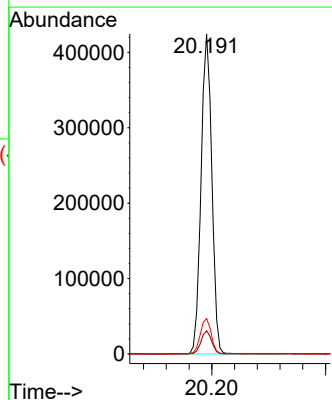
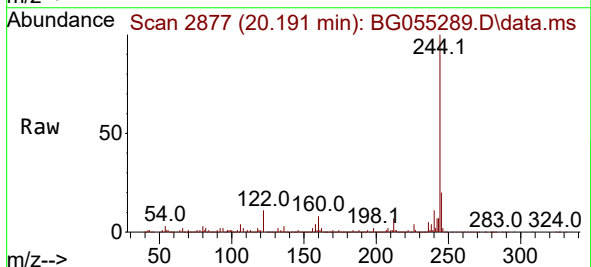
Instrument :
 BNA_G
 ClientSampleId :

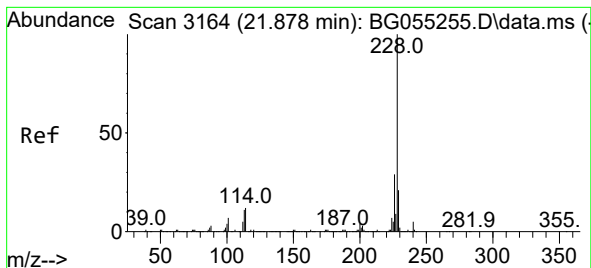
Tgt Ion:202 Resp: 111583
 Ion Ratio Lower Upper
 202 100
 200 21.6 18.0 27.0
 203 18.4 14.3 21.5



#79
 Terphenyl-d14
 Concen: 44.500 ng
 RT: 20.191 min Scan# 2877
 Delta R.T. -0.001 min
 Lab File: BG055289.D
 Acq: 26 Oct 2022 00:13

Tgt Ion:244 Resp: 559194
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.1 9.6 14.4





#81

Benzo(a)anthracene

Concen: 2.927 ng

RT: 21.871 min Scan# 3163

Delta R.T. -0.007 min

Lab File: BG055289.D

Acq: 26 Oct 2022 00:13

Instrument :

BNA_G

ClientSampleId :

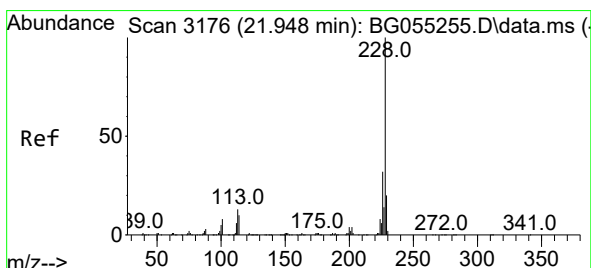
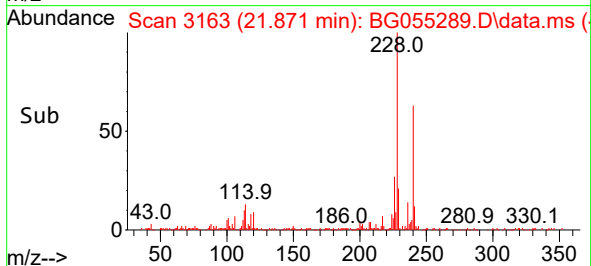
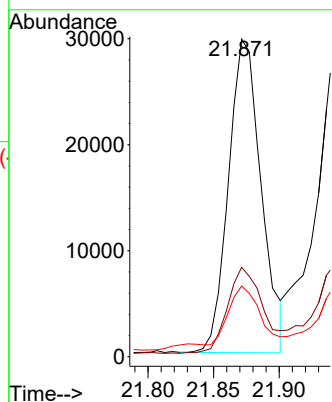
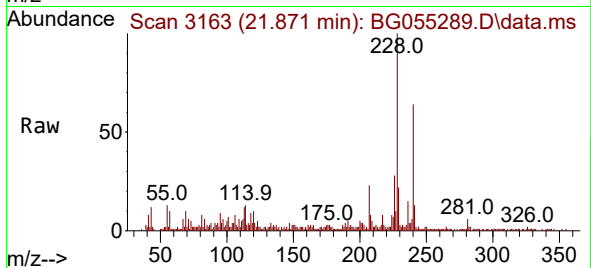
Tgt Ion:228 Resp: 51312

Ion Ratio Lower Upper

228 100

226 28.2 22.9 34.3

229 22.3 16.7 25.1



#83

Chrysene

Concen: 3.348 ng

RT: 21.942 min Scan# 3175

Delta R.T. -0.007 min

Lab File: BG055289.D

Acq: 26 Oct 2022 00:13

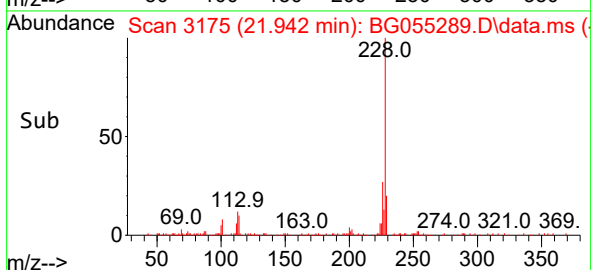
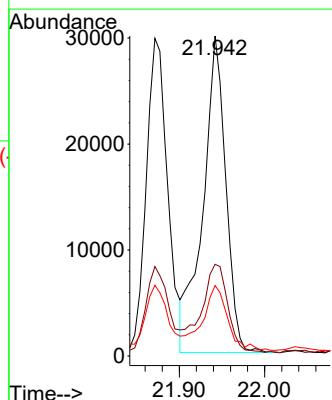
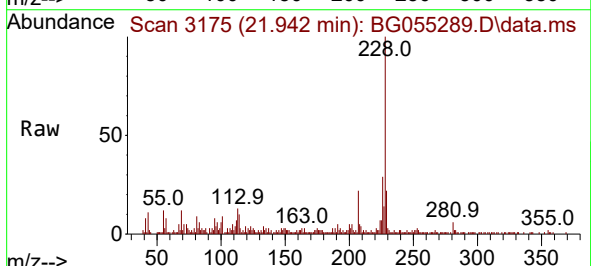
Tgt Ion:228 Resp: 55750

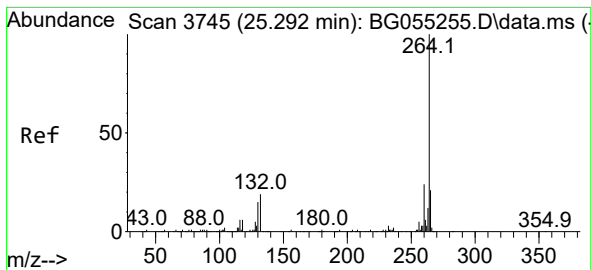
Ion Ratio Lower Upper

228 100

226 28.6 25.8 38.8

229 22.0 16.3 24.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.297 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG055289.D

Acq: 26 Oct 2022 00:13

Instrument :

BNA_G

ClientSampleId :

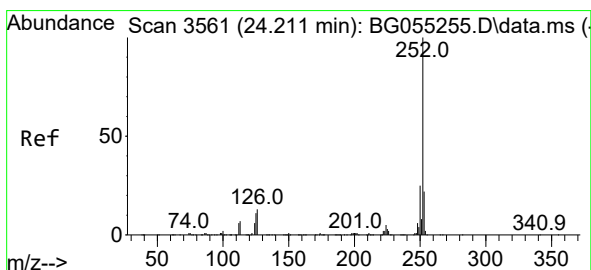
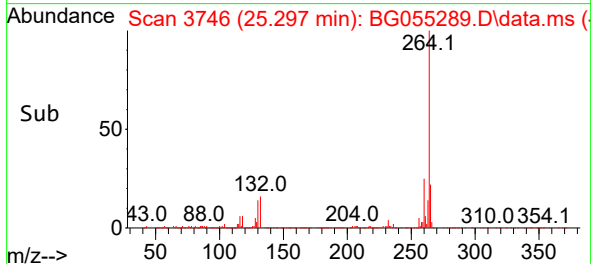
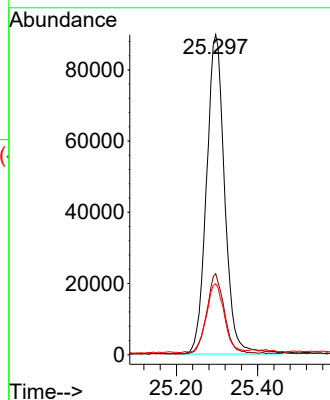
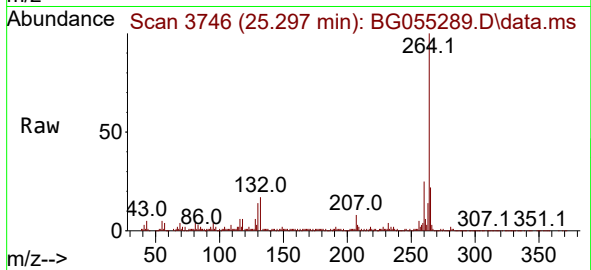
Tgt Ion:264 Resp: 276995

Ion Ratio Lower Upper

264 100

260 25.3 19.5 29.3

265 22.2 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 4.103 ng

RT: 24.210 min Scan# 3561

Delta R.T. -0.001 min

Lab File: BG055289.D

Acq: 26 Oct 2022 00:13

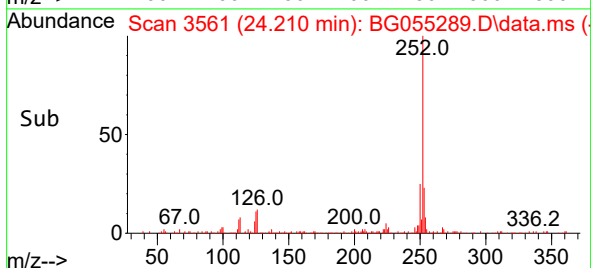
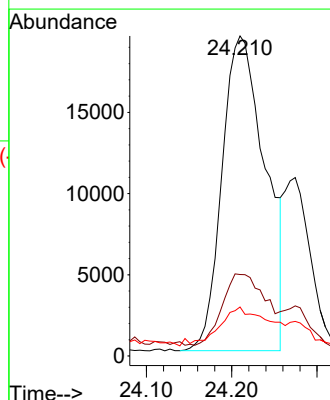
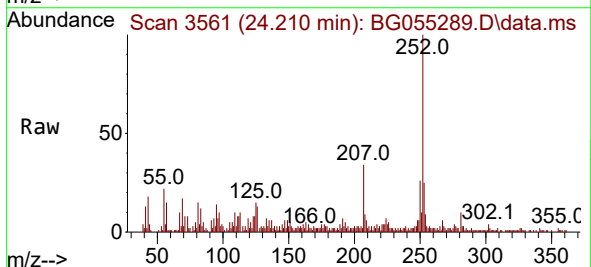
Tgt Ion:252 Resp: 68371

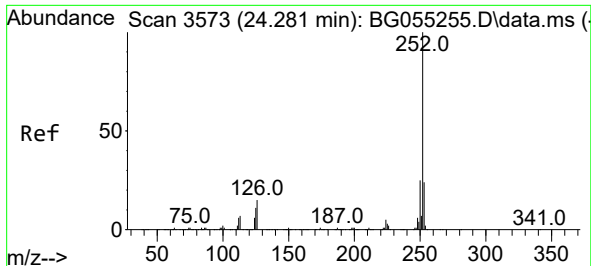
Ion Ratio Lower Upper

252 100

253 25.5 17.6 26.4

125 15.3 9.0 13.4#

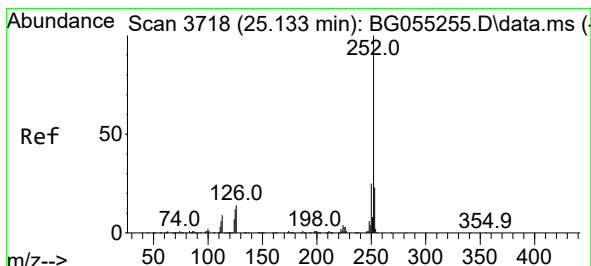
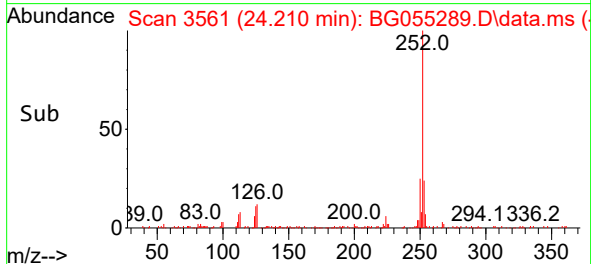
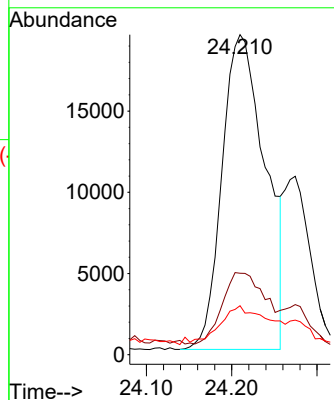
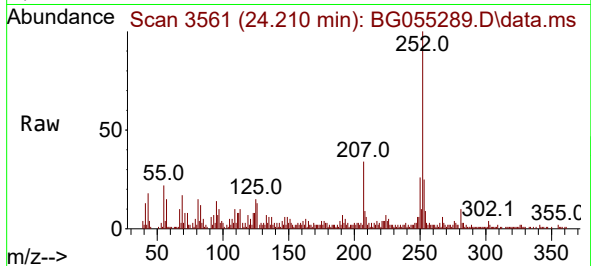




#89
Benzo(k)fluoranthene
Concen: 4.064 ng
RT: 24.210 min Scan# 3561
Delta R.T. -0.071 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 68371
Ion Ratio Lower Upper
252 100
253 25.5 18.6 27.8
125 15.3 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 3.394 ng
RT: 25.132 min Scan# 3718
Delta R.T. -0.001 min
Lab File: BG055289.D
Acq: 26 Oct 2022 00:13

Tgt Ion:252 Resp: 48488
Ion Ratio Lower Upper
252 100
253 25.7 18.2 27.2
125 15.2 9.8 14.8#

