

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055499.D
 Acq On : 8 Nov 2022 5:50
 Operator : CG/JU
 Sample : N5478-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-NYE-AVE

Quant Time: Nov 08 06:25:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 03:46:08 2022
 Response via : Initial Calibration

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

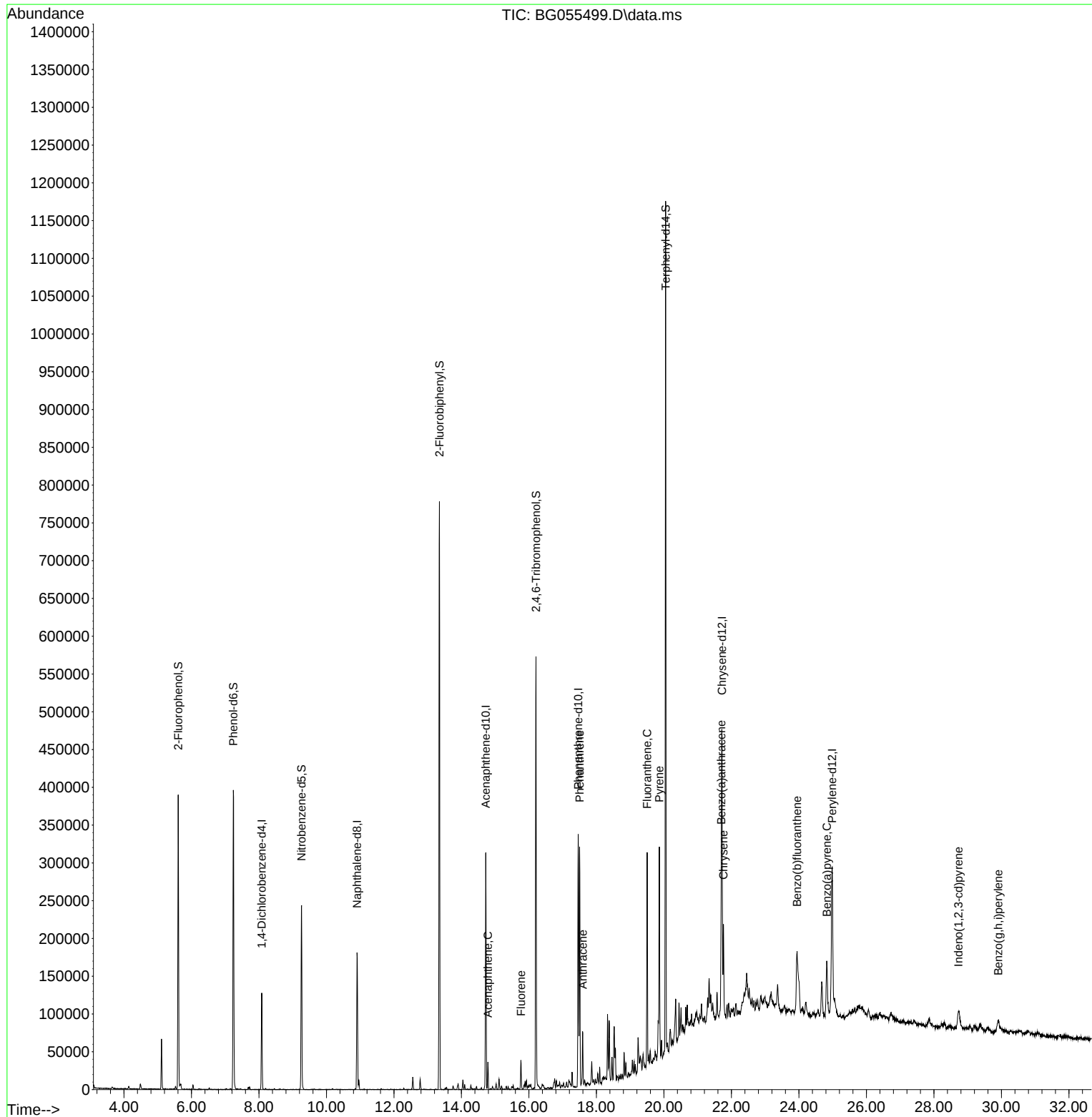
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	39623	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	170563	20.000	ng	# 0.00
39) Acenaphthene-d10	14.721	164	111067	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	227089	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	214057	20.000	ng	0.00
86) Perylene-d12	24.980	264	242120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	199537	90.437	ng	0.00
7) Phenol-d6	7.242	99	266694	87.164	ng	0.00
23) Nitrobenzene-d5	9.263	82	153019	47.813	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	138205	91.226	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	432648	57.755	ng	0.00
79) Terphenyl-d14	20.050	244	603848	54.855	ng	0.00
Target Compounds						
						Qvalue
52) Acenaphthene	14.786	154	13966	2.176	ng	99
58) Fluorene	15.761	166	18160	2.104	ng	99
71) Phenanthrene	17.500	178	202296	15.837	ng	99
72) Anthracene	17.594	178	50038	3.997	ng	98
75) Fluoranthene	19.504	202	180596	11.754	ng	98
78) Pyrene	19.862	202	178004	11.788	ng	99
81) Benzo(a)anthracene	21.695	228	94616	6.439	ng	99
83) Chrysene	21.760	228	89914	6.414	ng	98
87) Indeno(1,2,3-cd)pyrene	28.722	276	47527	2.445	ng	# 91
88) Benzo(b)fluoranthene	23.946	252	118751	7.721	ng	97
90) Benzo(a)pyrene	24.821	252	81442	6.124	ng	99
92) Benzo(g,h,i)perylene	29.903	276	41103	2.577	ng	97

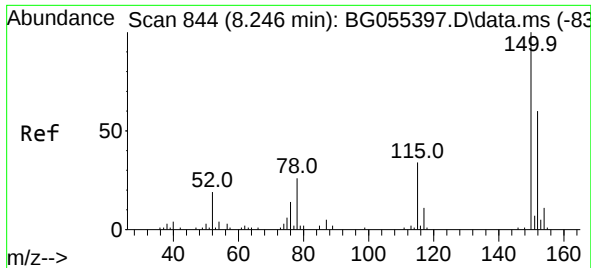
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055499.D
Acq On : 8 Nov 2022 5:50
Operator : CG/JU
Sample : N5478-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVE

Quant Time: Nov 08 06:25:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 03:46:08 2022
Response via : Initial Calibration

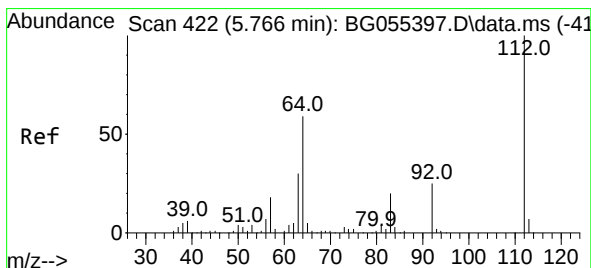
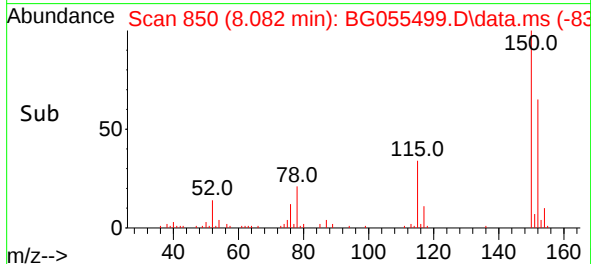
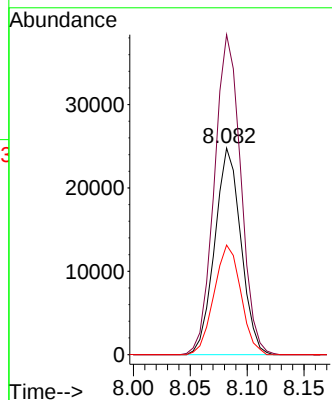
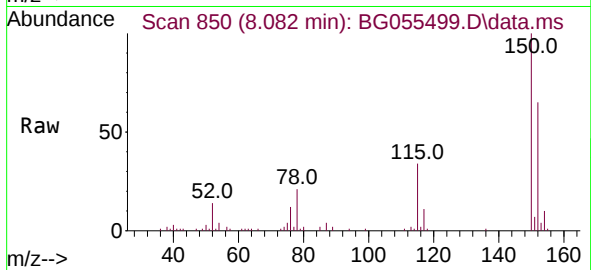




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 844
Delta R.T. -0.000 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

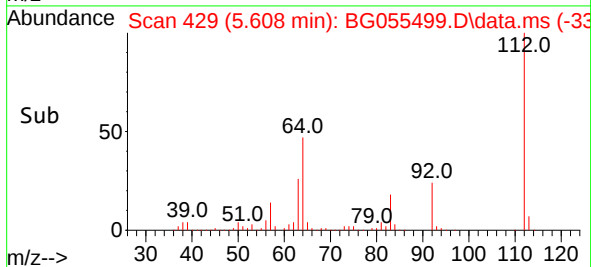
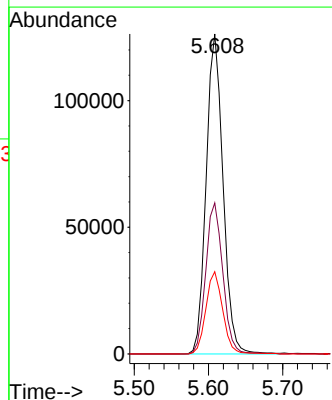
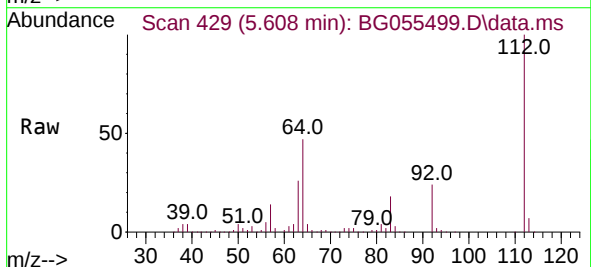
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVE

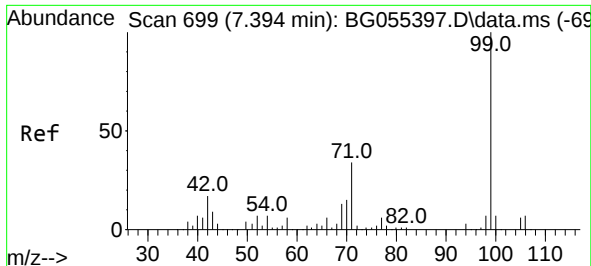
Tgt Ion:152 Resp: 39623
Ion Ratio Lower Upper
152 100
150 155.0 132.8 199.2
115 53.1 45.1 67.7



#5
2-Fluorophenol
Concen: 90.437 ng
RT: 5.608 min Scan# 429
Delta R.T. -0.001 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

Tgt Ion:112 Resp: 199537
Ion Ratio Lower Upper
112 100
64 47.2 47.2 70.8
63 25.7 24.3 36.5

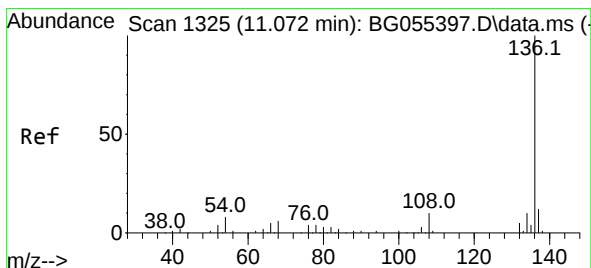
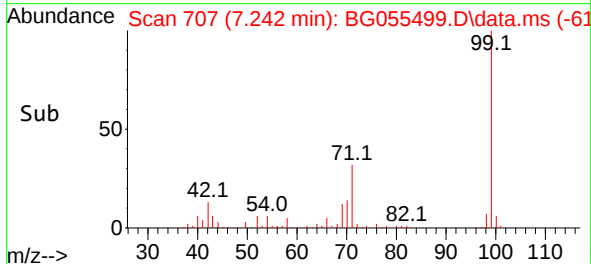
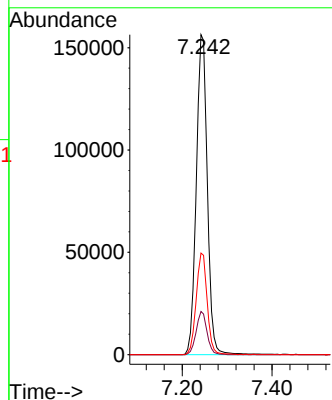
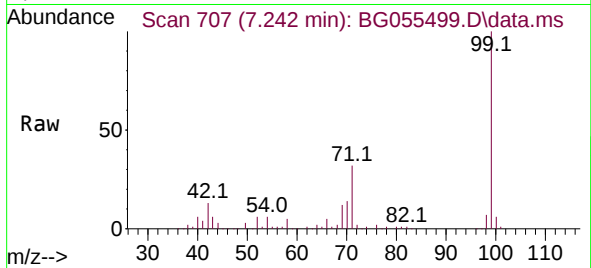




#7
Phenol-d6
Concen: 87.164 ng
RT: 7.242 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

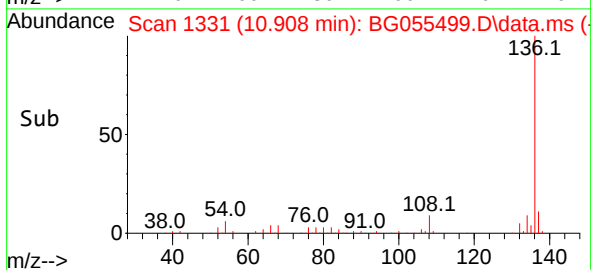
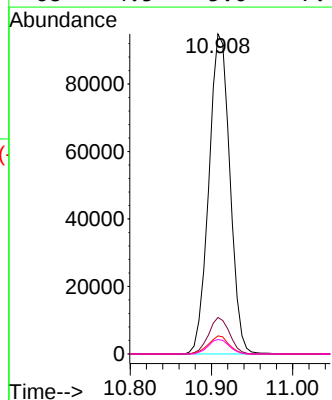
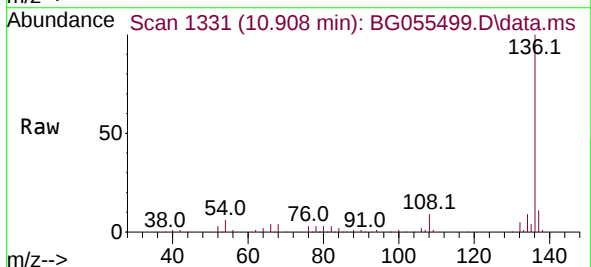
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVE

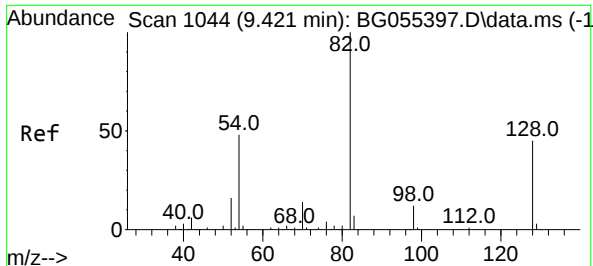
Tgt Ion: 99 Resp: 266694
Ion Ratio Lower Upper
99 100
42 13.5 13.5 20.3#
71 31.7 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

Tgt Ion: 136 Resp: 170563
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 5.6 6.1 9.1#
68 4.5 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 47.813 ng

RT: 9.263 min Scan# 1044

Delta R.T. -0.001 min

Lab File: BG055499.D

Acq: 8 Nov 2022 5:50

Instrument :

BNA_G

ClientSampleId :

MH-NYE-AVE

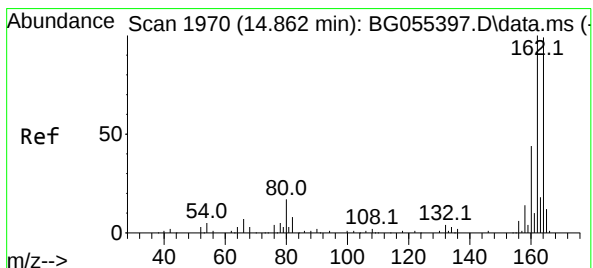
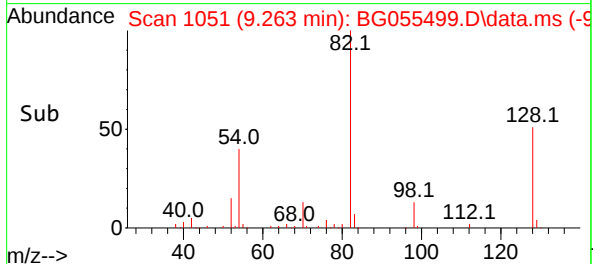
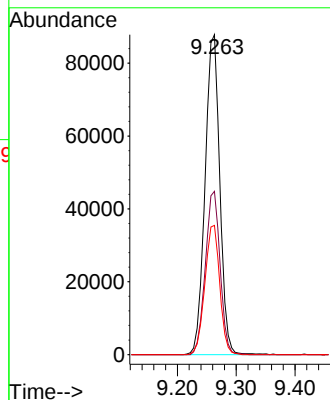
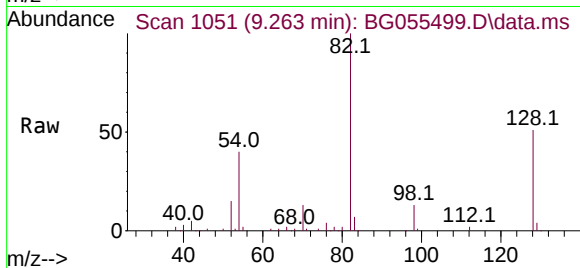
Tgt Ion: 82 Resp: 153019

Ion Ratio Lower Upper

82 100

128 51.0 35.8 53.8

54 40.4 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.721 min Scan# 1980

Delta R.T. -0.006 min

Lab File: BG055499.D

Acq: 8 Nov 2022 5:50

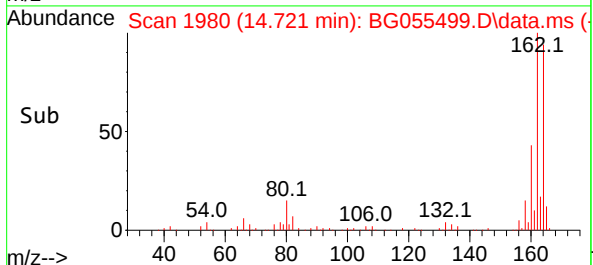
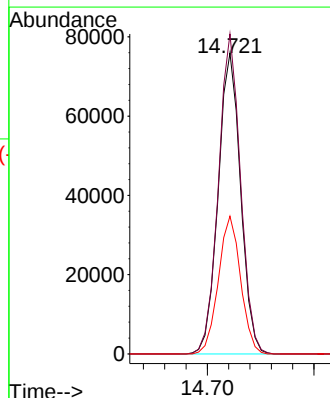
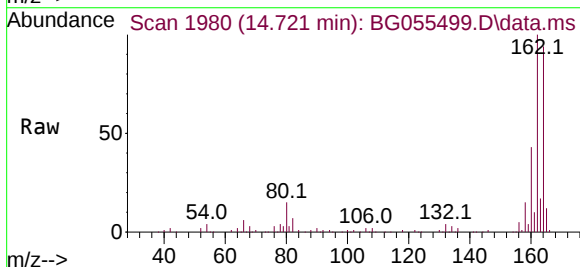
Tgt Ion: 164 Resp: 111067

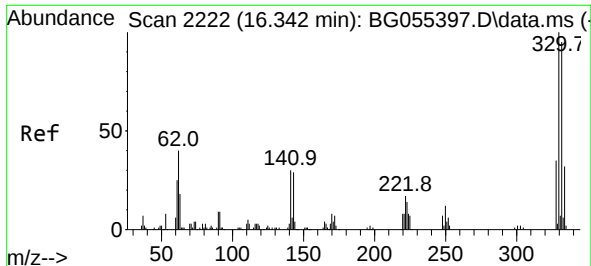
Ion Ratio Lower Upper

164 100

162 106.4 81.1 121.7

160 45.7 35.8 53.6

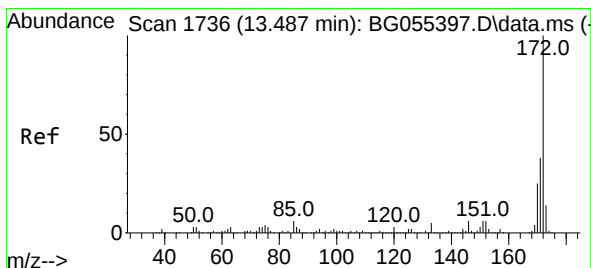
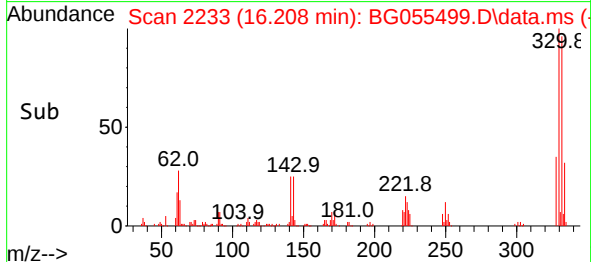
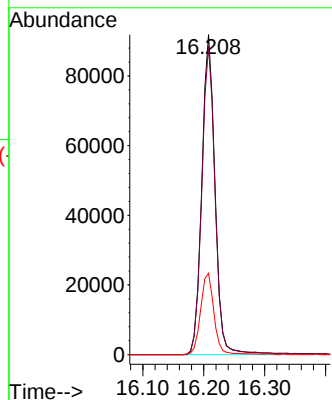
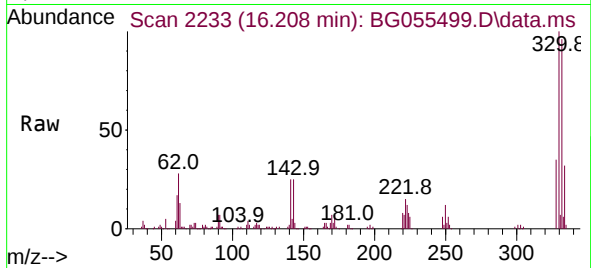




#42
2,4,6-Tribromophenol
Concen: 91.226 ng
RT: 16.208 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

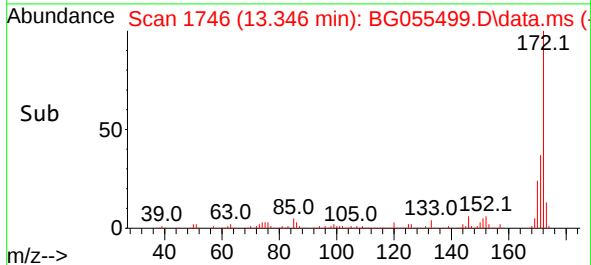
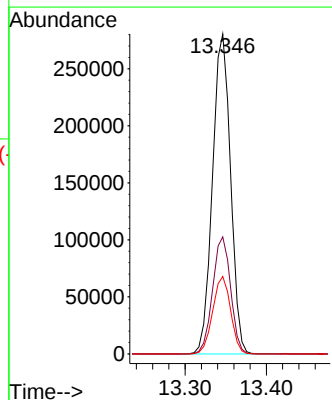
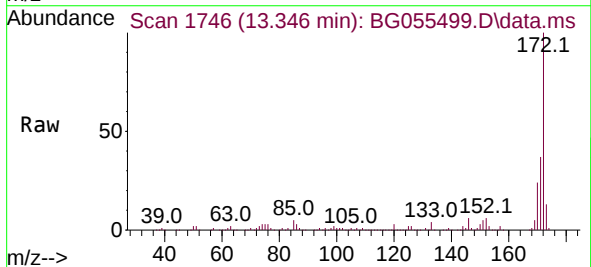
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVE

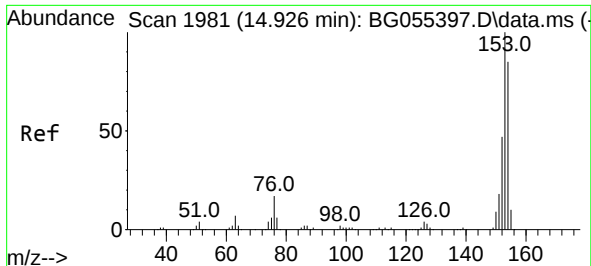
Tgt Ion:330 Resp: 138205
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.6
141 25.8 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 57.755 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

Tgt Ion:172 Resp: 432648
Ion Ratio Lower Upper
172 100
171 36.6 30.2 45.2
170 24.2 20.2 30.2

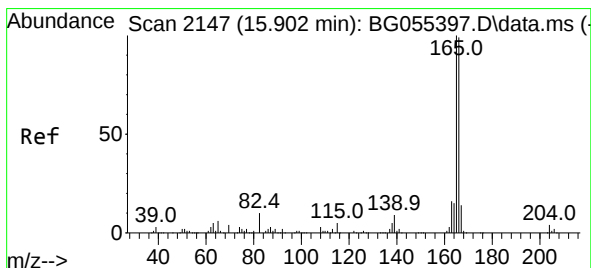
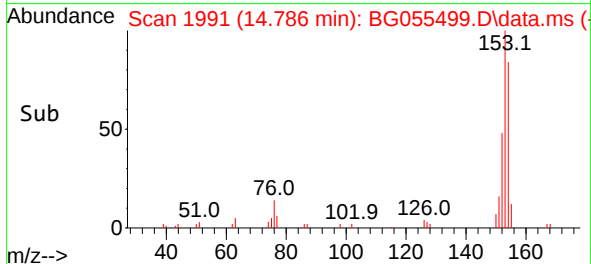
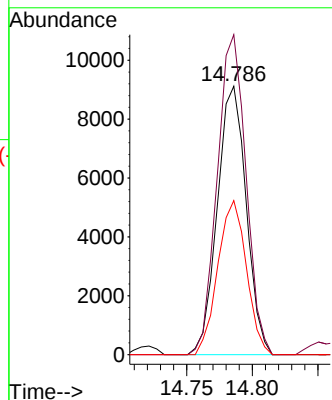
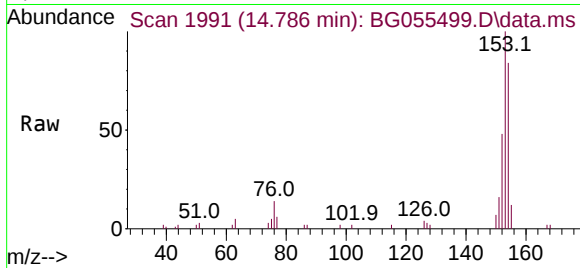




#52
Acenaphthene
Concen: 2.176 ng
RT: 14.786 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

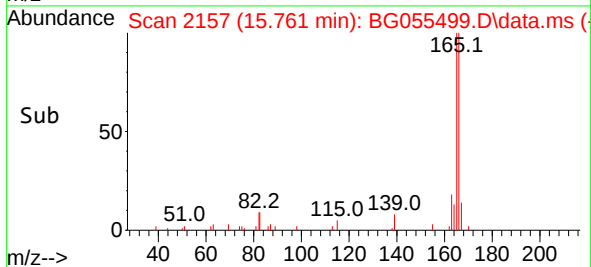
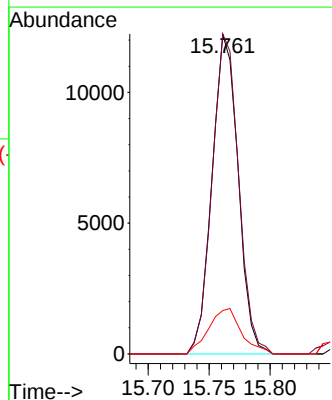
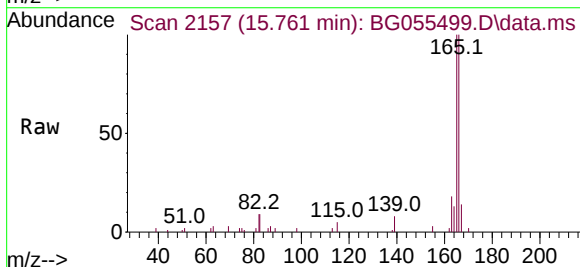
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVE

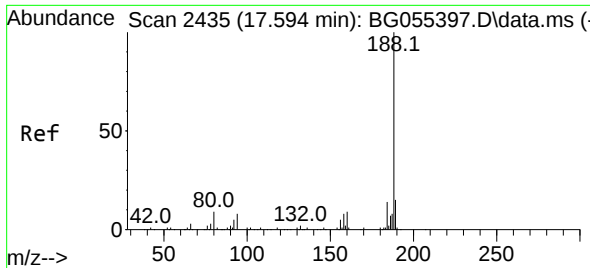
Tgt Ion:154 Resp: 13966
Ion Ratio Lower Upper
154 100
153 119.2 94.6 141.8
152 57.4 44.7 67.1



#58
Fluorene
Concen: 2.104 ng
RT: 15.761 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

Tgt Ion:166 Resp: 18160
Ion Ratio Lower Upper
166 100
165 100.2 81.0 121.6
167 13.6 11.0 16.6

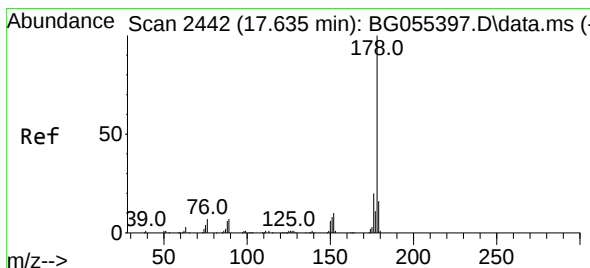
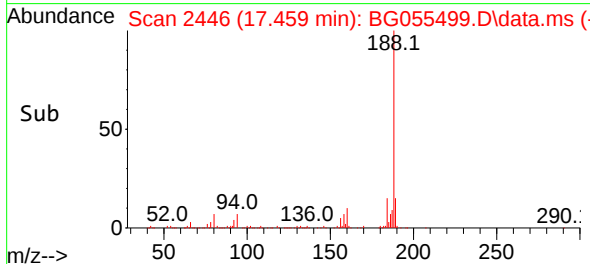
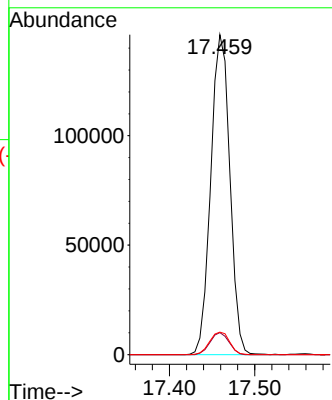
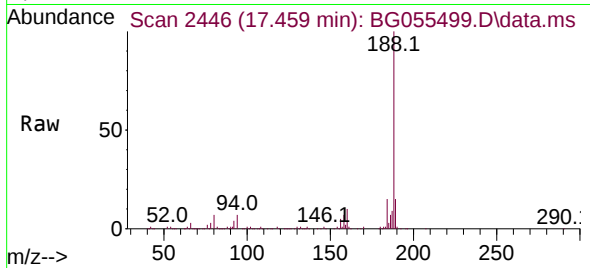




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

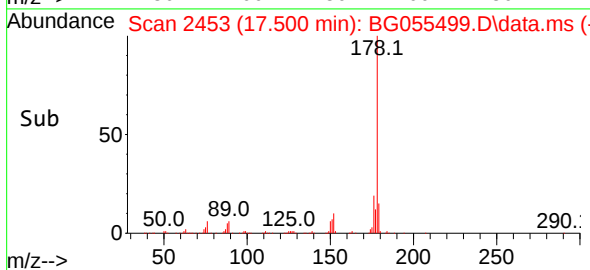
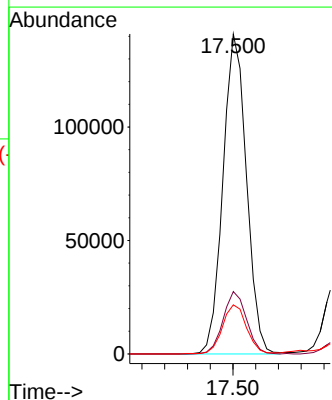
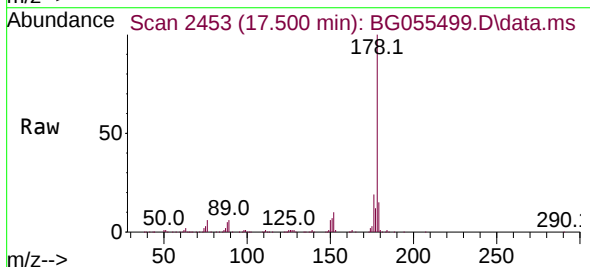
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVE

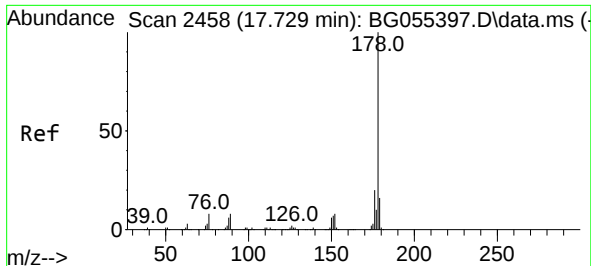
Tgt Ion:188 Resp: 227089
Ion Ratio Lower Upper
188 100
94 6.9 6.5 9.7
80 7.0 7.4 11.0#



#71
Phenanthrene
Concen: 15.837 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

Tgt Ion:178 Resp: 202296
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.3 12.7 19.1

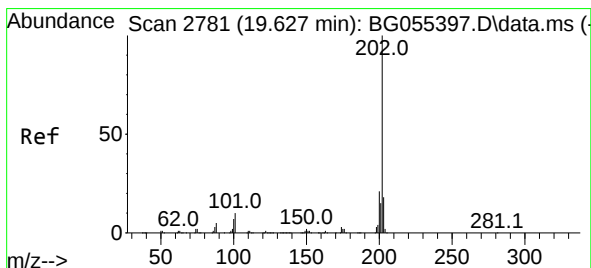
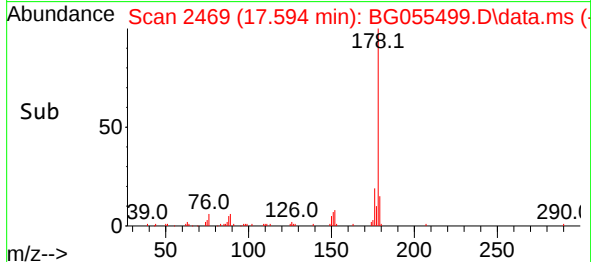
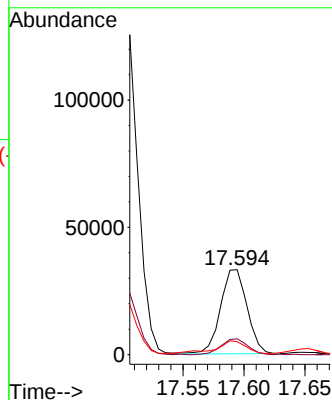
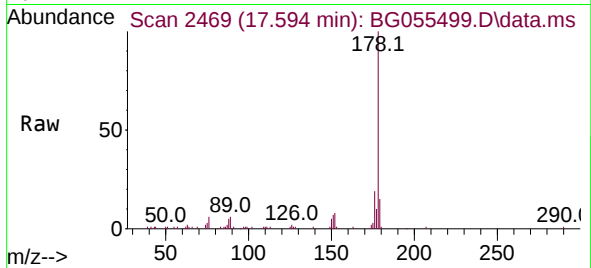




#72
 Anthracene
 Concen: 3.997 ng
 RT: 17.594 min Scan# 2458
 Delta R.T. -0.001 min
 Lab File: BG055499.D
 Acq: 8 Nov 2022 5:50

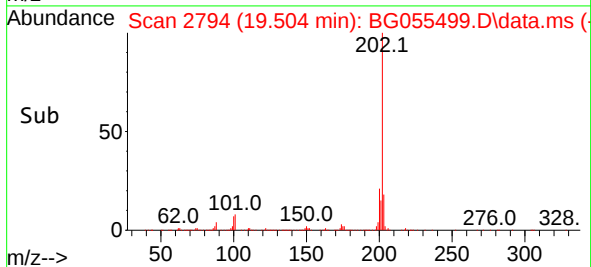
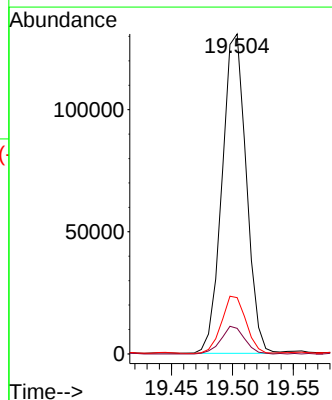
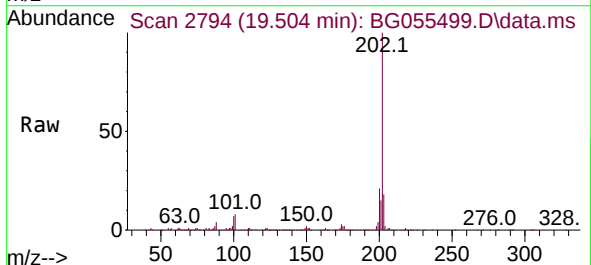
Instrument :
 BNA_G
 ClientSampleId :
 MH-NYE-AVE

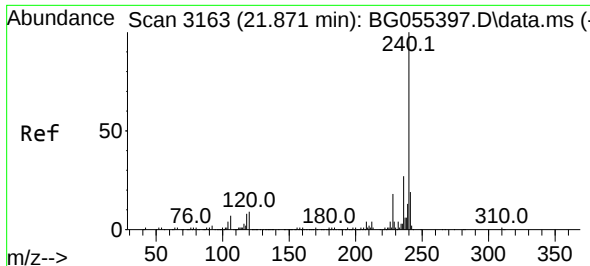
Tgt Ion:178 Resp: 50038
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.7 23.5
 179 15.3 13.0 19.6



#75
 Fluoranthene
 Concen: 11.754 ng
 RT: 19.504 min Scan# 2794
 Delta R.T. -0.001 min
 Lab File: BG055499.D
 Acq: 8 Nov 2022 5:50

Tgt Ion:202 Resp: 180596
 Ion Ratio Lower Upper
 202 100
 101 8.0 0.0 29.8
 203 17.6 0.0 38.1

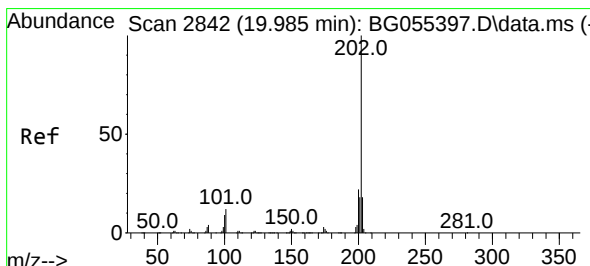
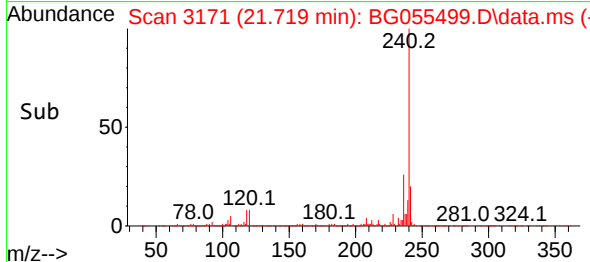
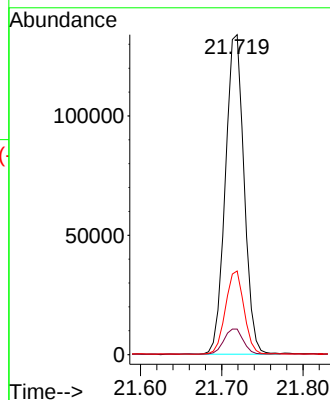
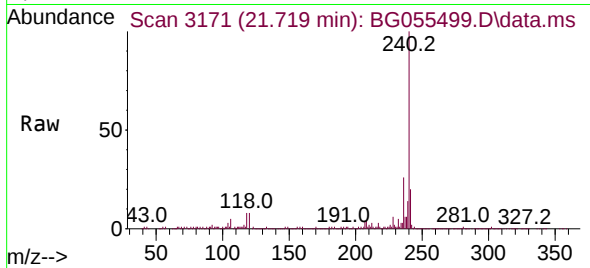




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

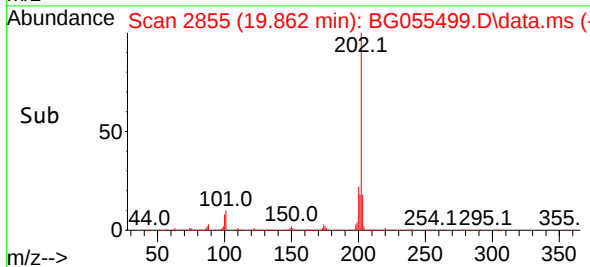
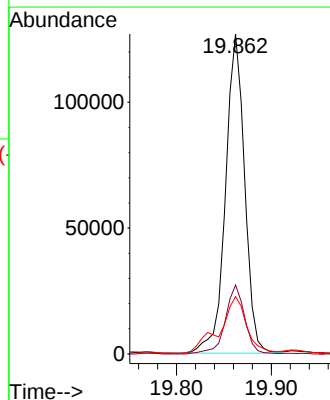
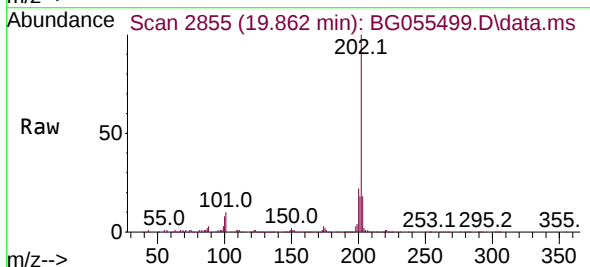
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVE

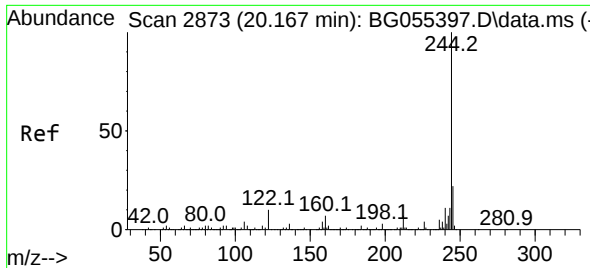
Tgt Ion:240 Resp: 214057
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.1 21.5 32.3



#78
Pyrene
Concen: 11.788 ng
RT: 19.862 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

Tgt Ion:202 Resp: 178004
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.9 14.7 22.1

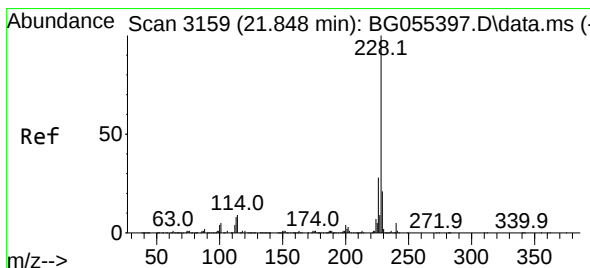
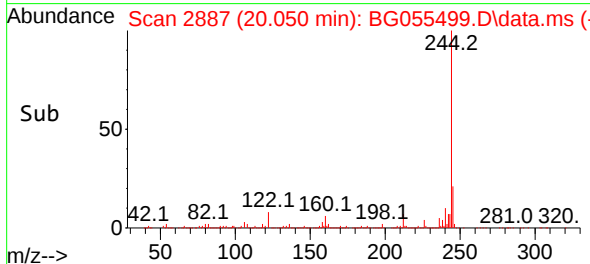
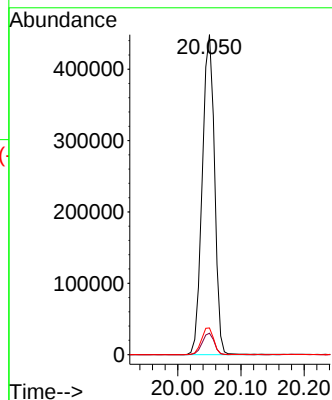
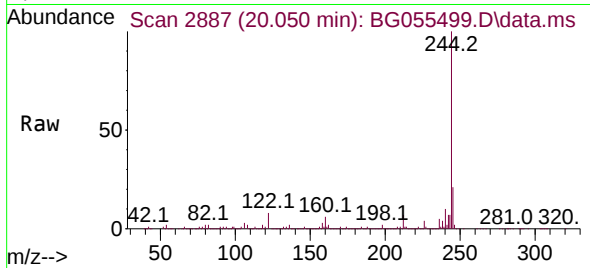




#79
 Terphenyl-d14
 Concen: 54.855 ng
 RT: 20.050 min Scan# 2887
 Delta R.T. -0.001 min
 Lab File: BG055499.D
 Acq: 8 Nov 2022 5:50

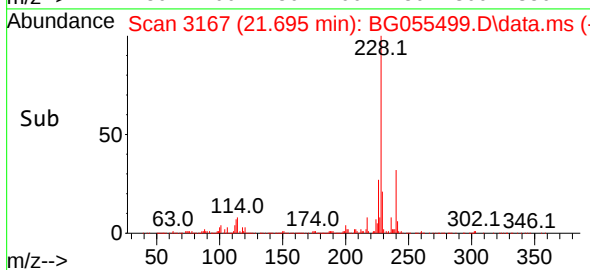
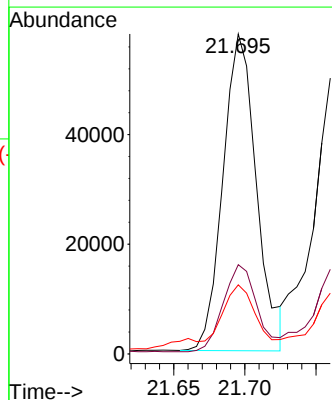
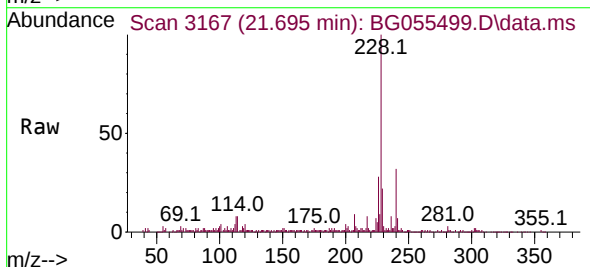
Instrument :
 BNA_G
 ClientSampleId :
 MH-NYE-AVE

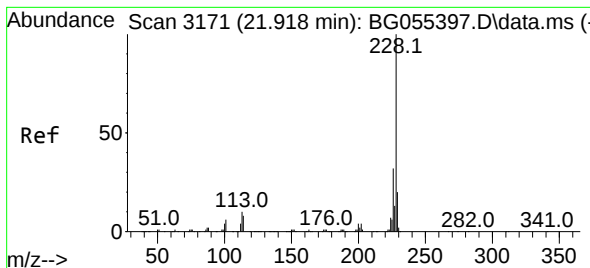
Tgt Ion:244 Resp: 603848
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 8.4 7.8 11.6



#81
 Benzo(a)anthracene
 Concen: 6.439 ng
 RT: 21.695 min Scan# 3167
 Delta R.T. -0.006 min
 Lab File: BG055499.D
 Acq: 8 Nov 2022 5:50

Tgt Ion:228 Resp: 94616
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.6 33.8
 229 21.6 16.5 24.7





#83

Chrysene

Concen: 6.414 ng

RT: 21.760 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055499.D

Acq: 8 Nov 2022 5:50

Instrument :

BNA_G

ClientSampleId :

MH-NYE-AVE

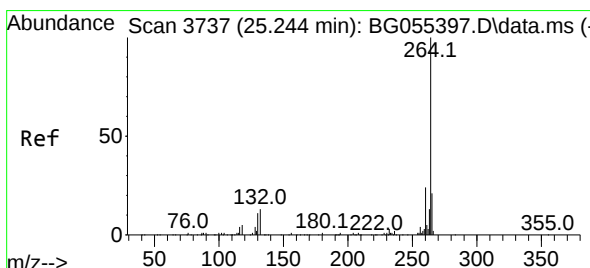
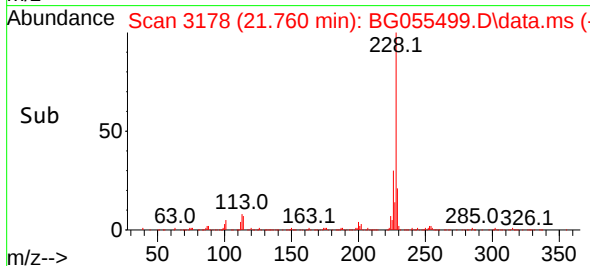
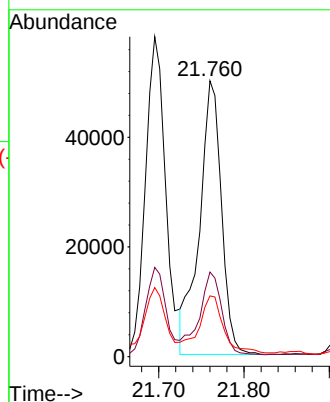
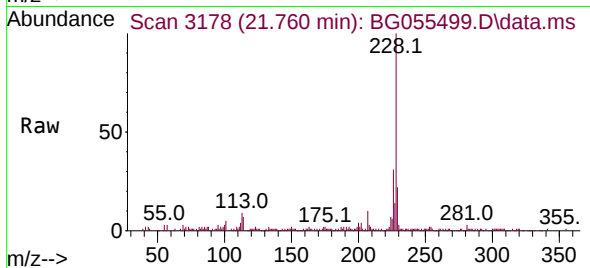
Tgt Ion:228 Resp: 89914

Ion Ratio Lower Upper

228 100

226 30.7 25.2 37.8

229 22.0 16.2 24.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.980 min Scan# 3726

Delta R.T. -0.006 min

Lab File: BG055499.D

Acq: 8 Nov 2022 5:50

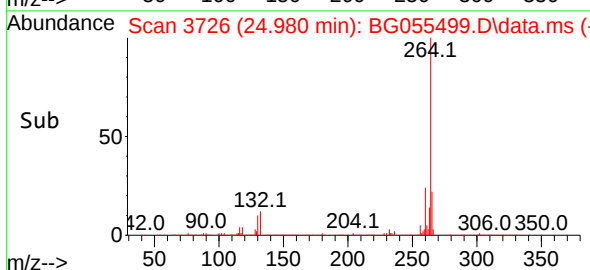
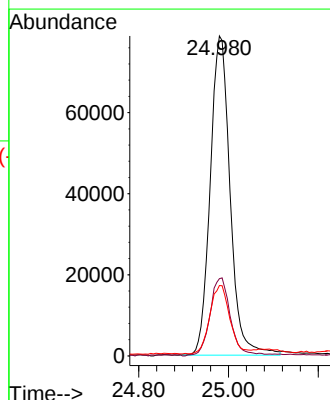
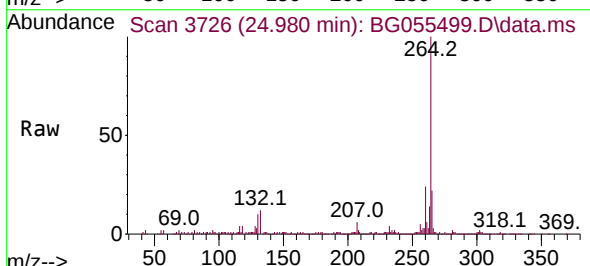
Tgt Ion:264 Resp: 242120

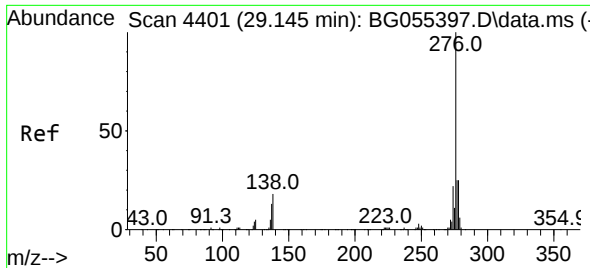
Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.0 17.1 25.7

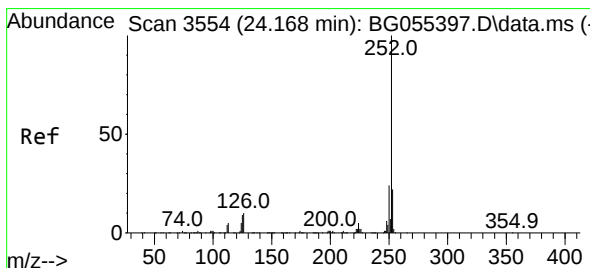
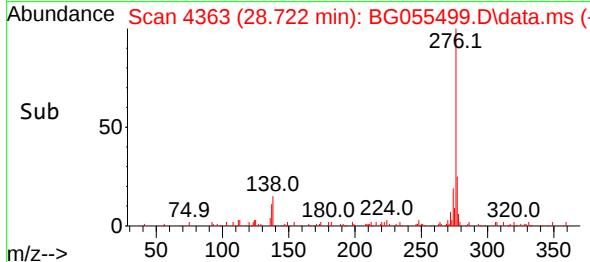
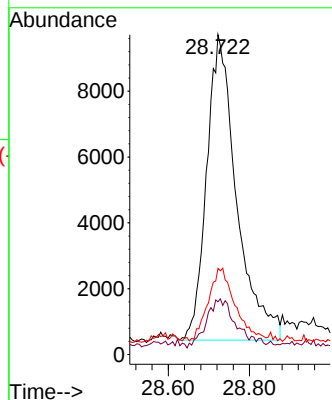
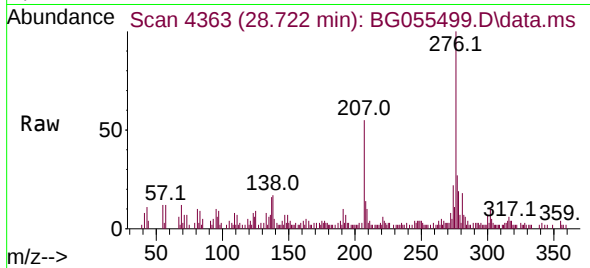




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.445 ng
RT: 28.722 min Scan# 4363
Delta R.T. -0.024 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

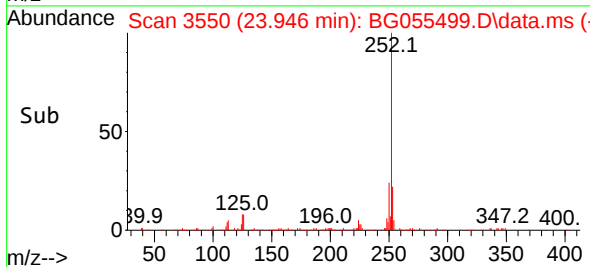
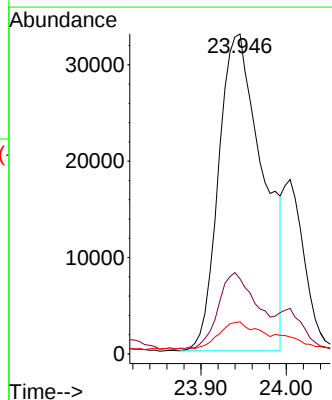
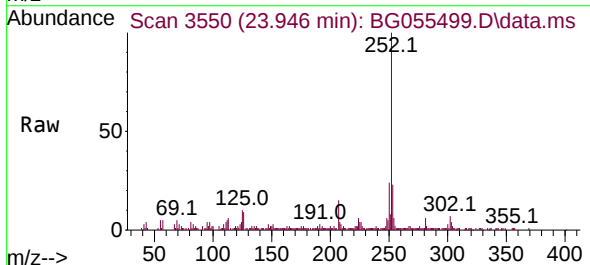
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVE

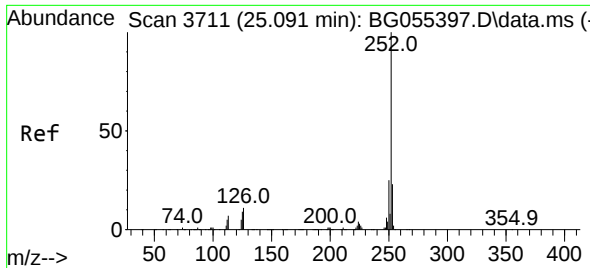
Tgt Ion:276 Resp: 47527
Ion Ratio Lower Upper
276 100
138 15.1 16.2 24.2#
277 21.5 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 7.721 ng
RT: 23.946 min Scan# 3550
Delta R.T. -0.001 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

Tgt Ion:252 Resp: 118751
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 10.0 6.8 10.2

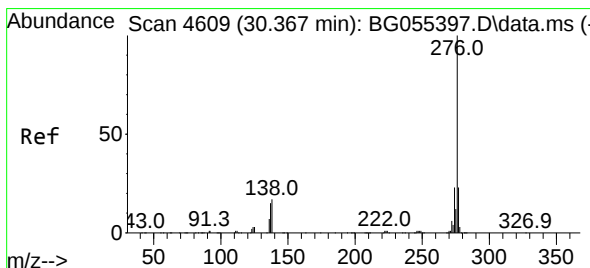
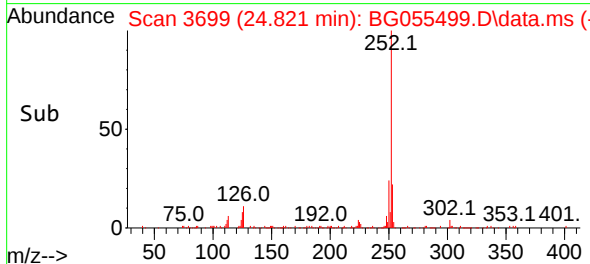
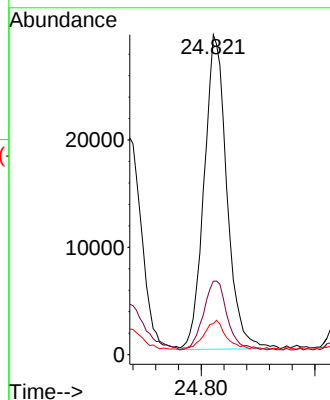
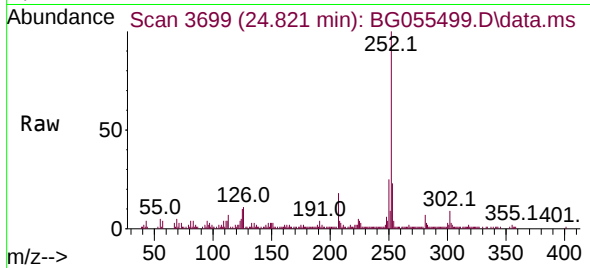




#90
Benzo(a)pyrene
Concen: 6.124 ng
RT: 24.821 min Scan# 30
Delta R.T. -0.018 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVE

Tgt Ion:252 Resp: 81442
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 9.7 7.1 10.7



#92
Benzo(g,h,i)perylene
Concen: 2.577 ng
RT: 29.903 min Scan# 4564
Delta R.T. -0.024 min
Lab File: BG055499.D
Acq: 8 Nov 2022 5:50

Tgt Ion:276 Resp: 41103
Ion Ratio Lower Upper
276 100
277 25.9 18.6 28.0
138 17.0 13.4 20.0

