

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011423\
 Data File : BN023659.D
 Acq On : 13 Jan 2023 16:46
 Operator : CG/JU
 Sample : 01126-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04-478.6-499.6-011123

Quant Time: Jan 16 02:35:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 00:22:07 2023
 Response via : Initial Calibration

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

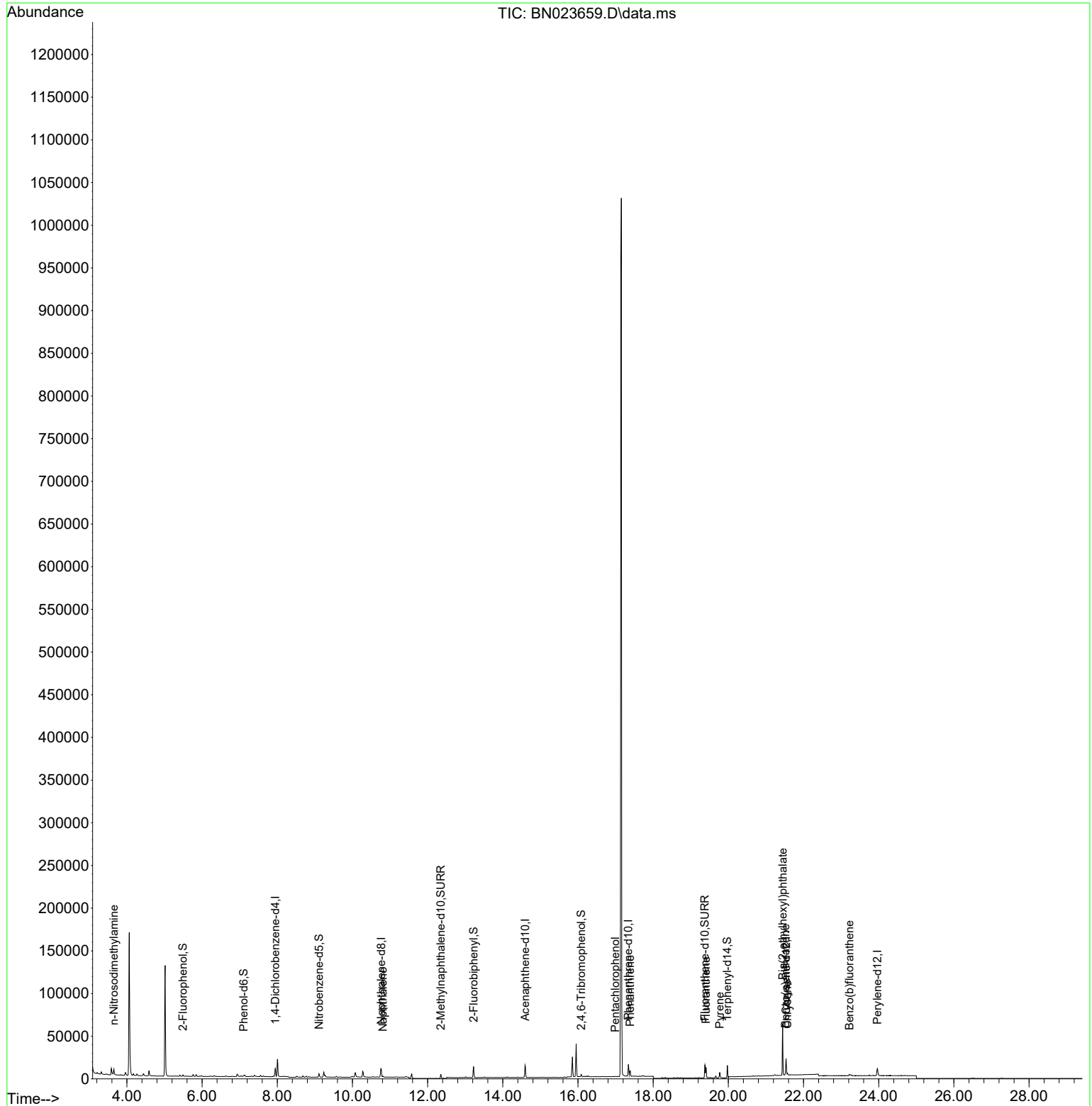
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4480	0.400	ng	0.00
7) Naphthalene-d8	10.765	136	14064	0.400	ng	0.00
13) Acenaphthene-d10	14.591	164	8077	0.400	ng	0.00
19) Phenanthrene-d10	17.340	188	17760	0.400	ng	0.00
29) Chrysene-d12	21.535	240	16079	0.400	ng	0.00
35) Perylene-d12	23.965	264	12187	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.493	112	1231	0.138	ng	0.00
5) Phenol-d6	7.103	99	956	0.083	ng	0.00
8) Nitrobenzene-d5	9.110	82	3130	0.296	ng	0.00
11) 2-Methylnaphthalene-d10	12.352	152	6013	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.086	330	1344	0.384	ng	0.00
15) 2-Fluorobiphenyl	13.223	172	10502	0.322	ng	0.00
27) Fluoranthene-d10	19.376	212	16598	0.382	ng	0.00
31) Terphenyl-d14	19.974	244	18129	0.445	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.651	42	752	0.167	ng	# 1
9) Naphthalene	10.808	128	1607	0.043	ng	# 88
24) Pentachlorophenol	16.992	266	100	0.023	ng	# 78
25) Phenanthrene	17.390	178	7328	0.141	ng	# 100
28) Fluoranthene	19.405	202	10103	0.172	ng	# 95
30) Pyrene	19.772	202	5625	0.091	ng	# 95
32) Benzo(a)anthracene	21.518	228	1948	0.037	ng	# 90
33) Chrysene	21.571	228	2110	0.037	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.446	149	49754	2.050	ng	# 99
37) Benzo(b)fluoranthene	23.223	252	2228	0.043	ng	# 34

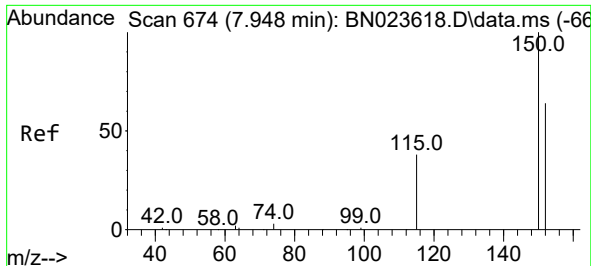
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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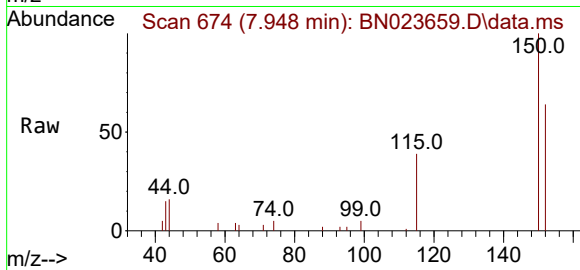
Quant Time: Jan 16 02:35:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 00:22:07 2023
Response via : Initial Calibration



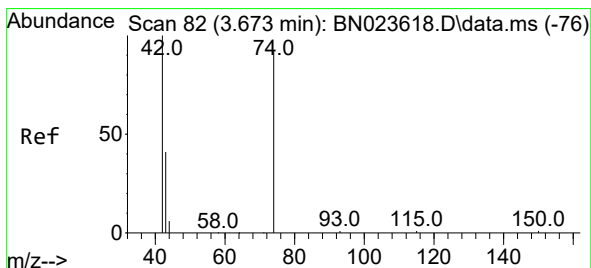
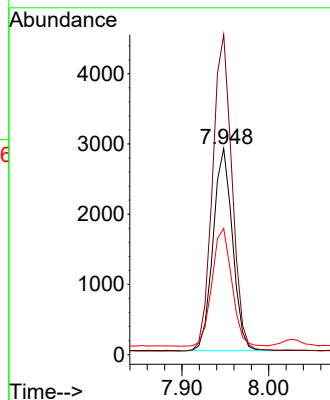
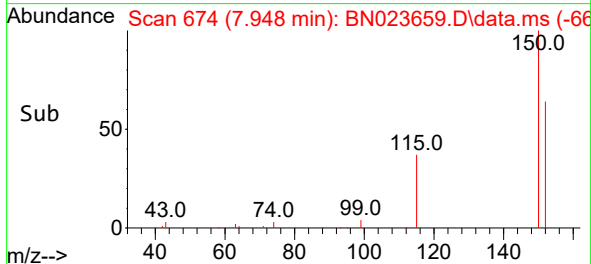


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.948 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-478.6-499.6-011123

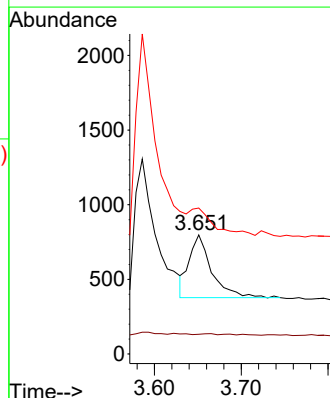
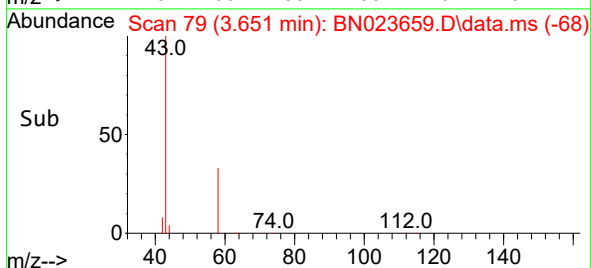
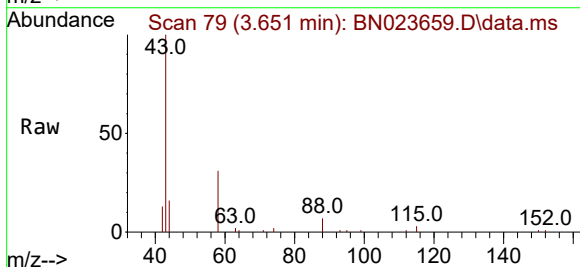


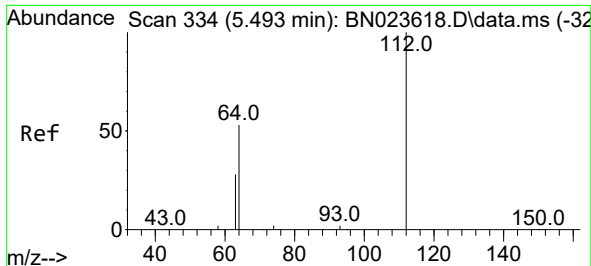
Tgt Ion:152 Resp: 4480
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.8
115 61.3 50.6 75.8



#3
n-Nitrosodimethylamine
Concen: 0.167 ng
RT: 3.651 min Scan# 79
Delta R.T. -0.022 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

Tgt Ion: 42 Resp: 752
Ion Ratio Lower Upper
42 100
74 0.8 92.1 138.1#
44 0.0 5.4 8.0#

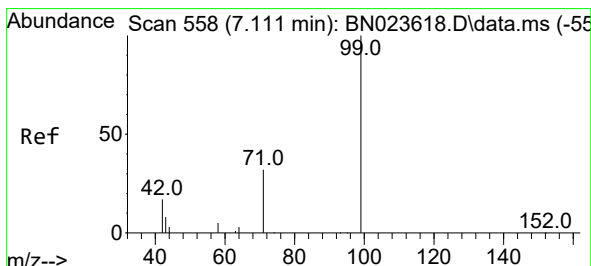
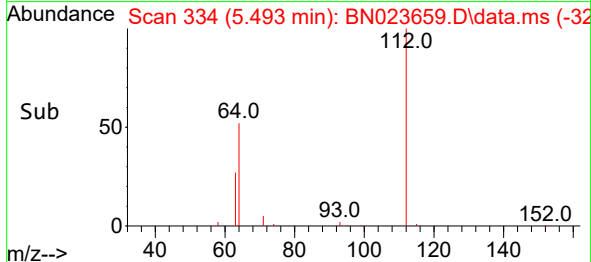
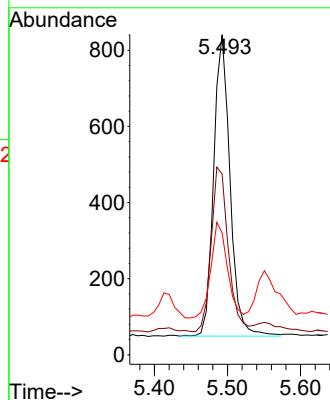
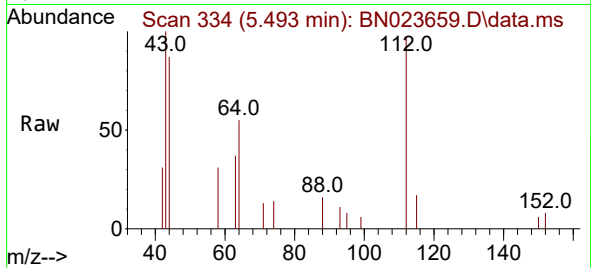




#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.493 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

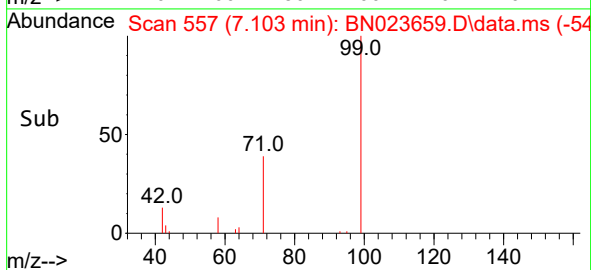
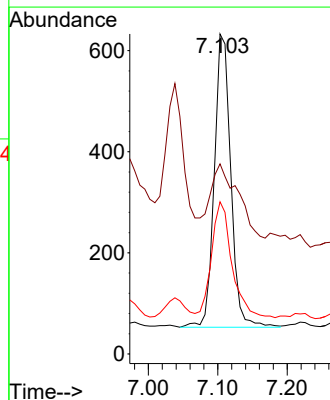
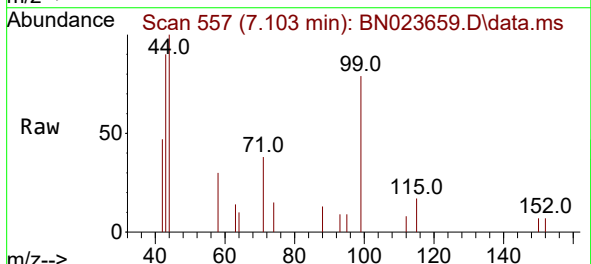
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-478.6-499.6-011123

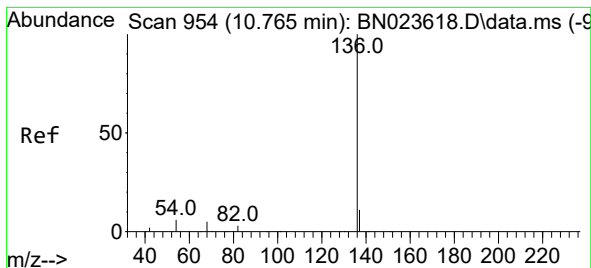
Tgt Ion:	112	Resp:	1231
Ion	Ratio	Lower	Upper
112	100		
64	56.8	44.9	67.3
63	31.8	24.9	37.3



#5
Phenol-d6
Concen: 0.083 ng
RT: 7.103 min Scan# 557
Delta R.T. -0.007 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

Tgt Ion:	99	Resp:	956
Ion	Ratio	Lower	Upper
99	100		
42	41.9	18.8	28.2#
71	48.8	28.2	42.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.765 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN023659.D

Acq: 13 Jan 2023 16:46

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04-478.6-499.6-011123

Tgt Ion:136 Resp: 14064

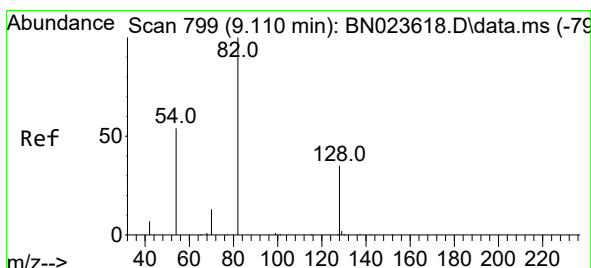
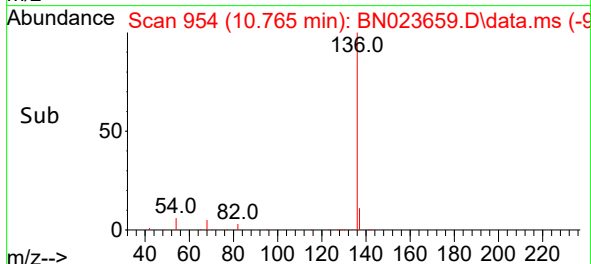
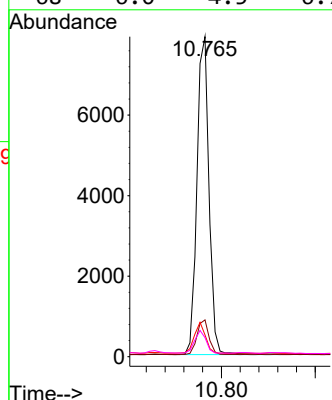
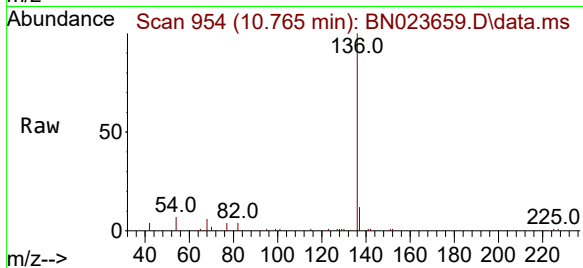
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 6.8 5.7 8.5

68 6.0 4.5 6.7



#8

Nitrobenzene-d5

Concen: 0.296 ng

RT: 9.110 min Scan# 799

Delta R.T. -0.000 min

Lab File: BN023659.D

Acq: 13 Jan 2023 16:46

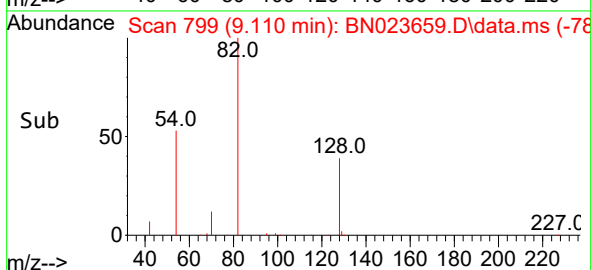
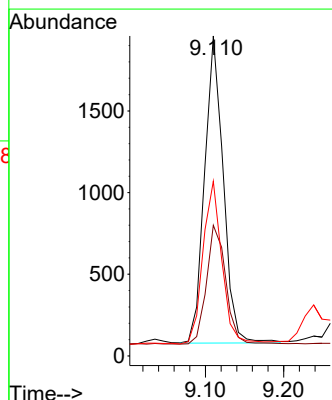
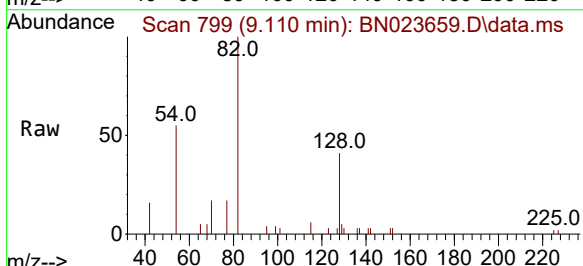
Tgt Ion: 82 Resp: 3130

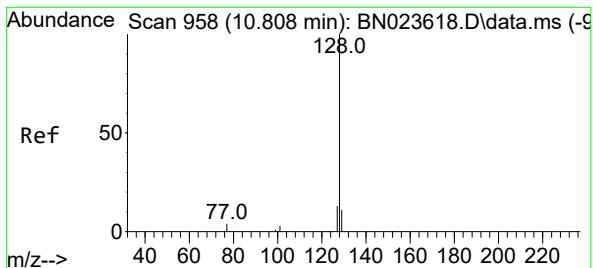
Ion Ratio Lower Upper

82 100

128 40.8 29.8 44.8

54 54.6 43.9 65.9





#9

Naphthalene

Concen: 0.043 ng

RT: 10.808 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN023659.D

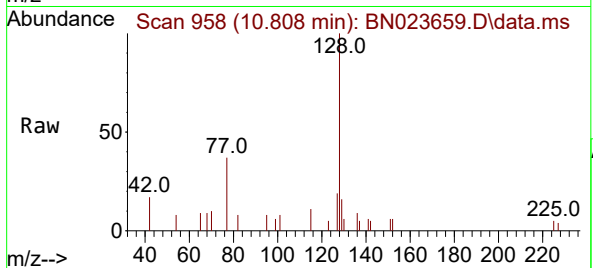
Acq: 13 Jan 2023 16:46

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04-478.6-499.6-011123



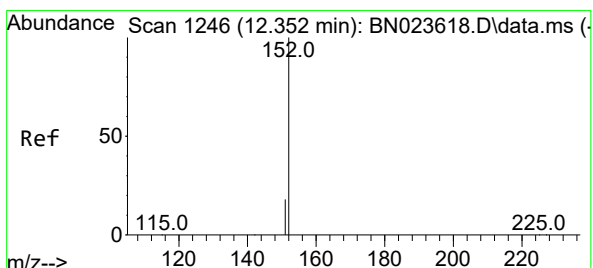
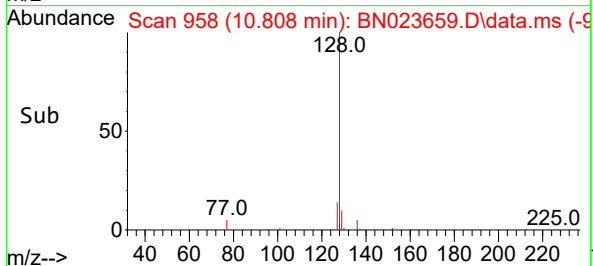
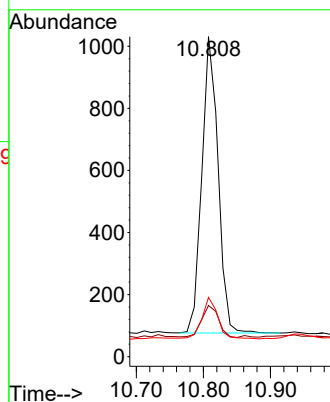
Tgt Ion:128 Resp: 1607

Ion Ratio Lower Upper

128 100

129 16.0 9.2 13.8#

127 18.5 11.0 16.4#



#11

2-Methylnaphthalene-d10

Concen: 0.310 ng

RT: 12.352 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BN023659.D

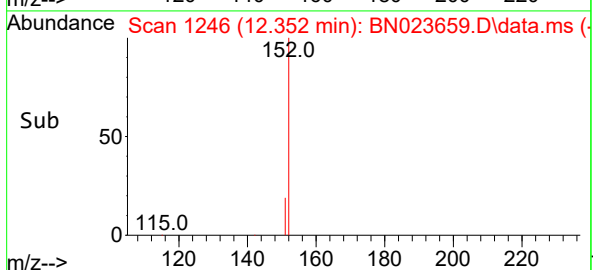
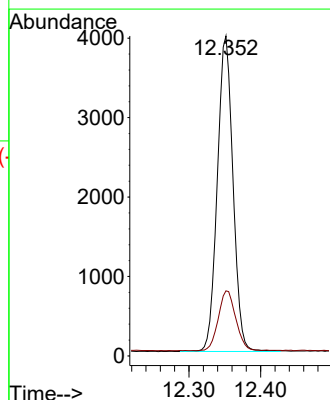
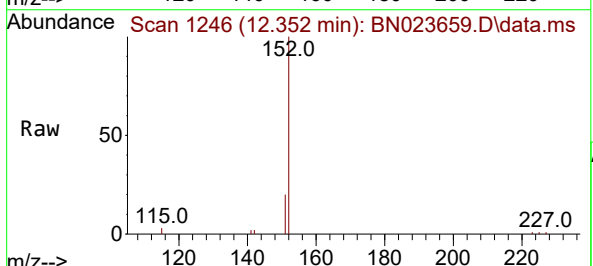
Acq: 13 Jan 2023 16:46

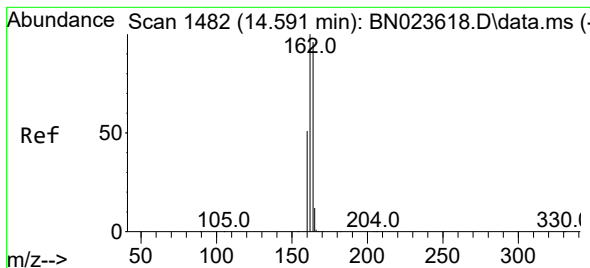
Tgt Ion:152 Resp: 6013

Ion Ratio Lower Upper

152 100

151 21.3 16.9 25.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.591 min Scan# 1482

Delta R.T. -0.000 min

Lab File: BN023659.D

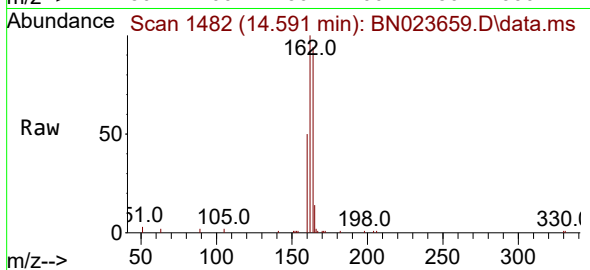
Acq: 13 Jan 2023 16:46

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04-478.6-499.6-011123



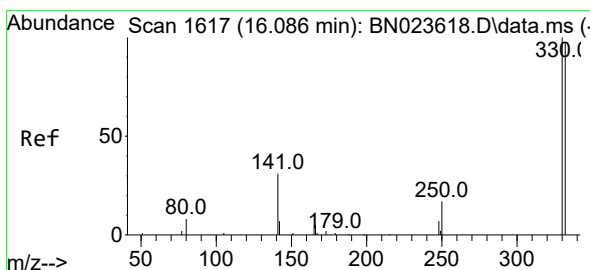
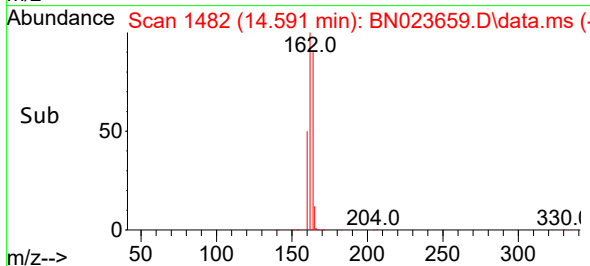
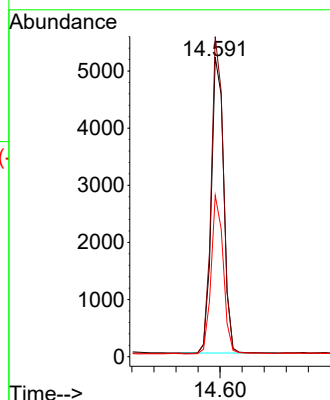
Tgt Ion:164 Resp: 8077

Ion Ratio Lower Upper

164 100

162 106.8 83.4 125.2

160 53.8 42.7 64.1



#14

2,4,6-Tribromophenol

Concen: 0.384 ng

RT: 16.086 min Scan# 1617

Delta R.T. -0.000 min

Lab File: BN023659.D

Acq: 13 Jan 2023 16:46

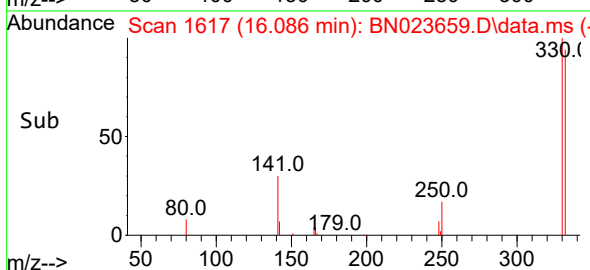
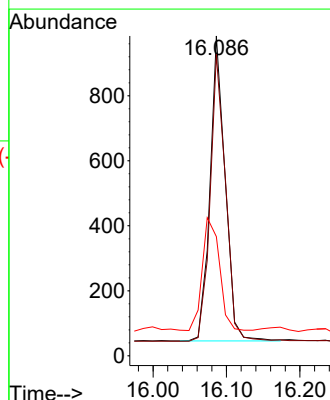
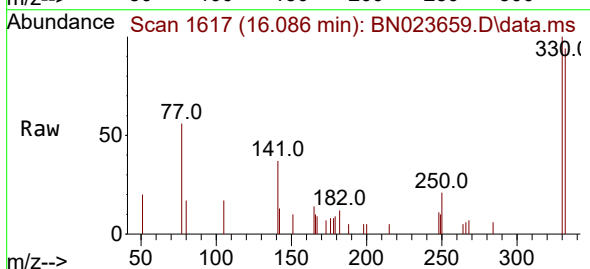
Tgt Ion:330 Resp: 1344

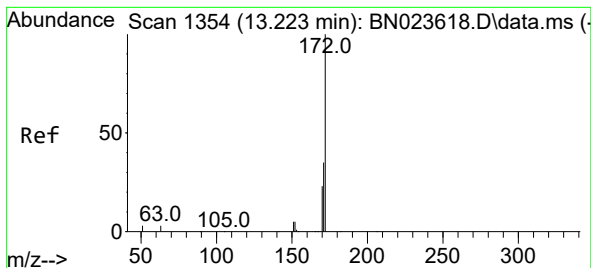
Ion Ratio Lower Upper

330 100

332 95.6 78.1 117.1

141 41.4 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 0.322 ng

RT: 13.223 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023659.D

Acq: 13 Jan 2023 16:46

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04-478.6-499.6-011123

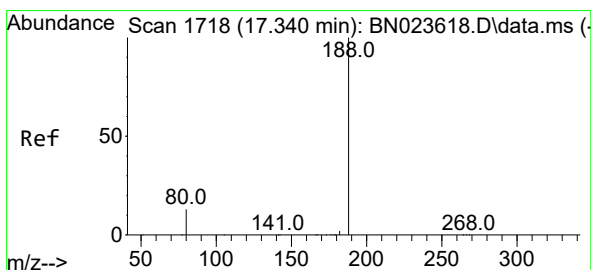
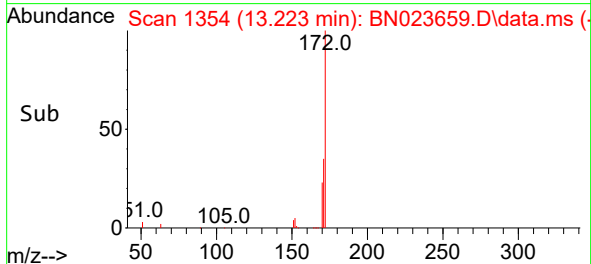
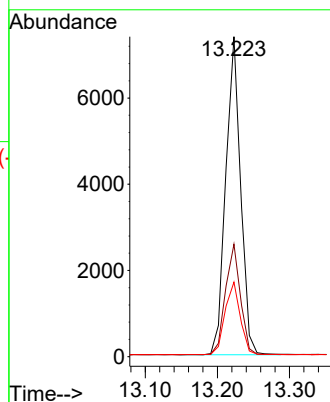
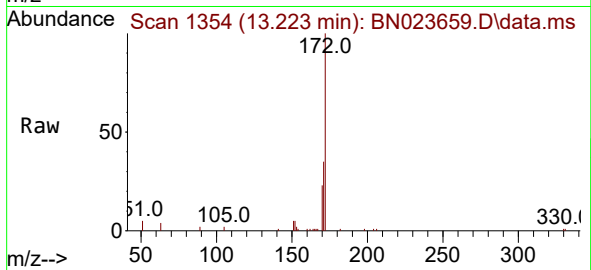
Tgt Ion:172 Resp: 10502

Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.3 19.0 28.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.340 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BN023659.D

Acq: 13 Jan 2023 16:46

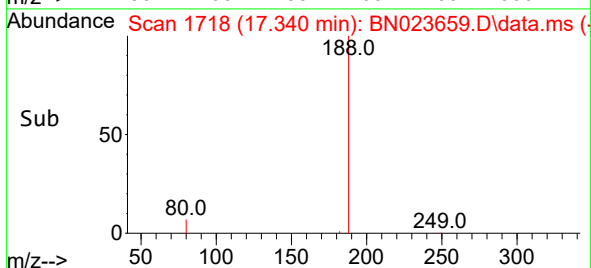
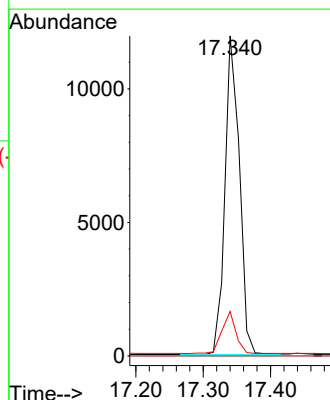
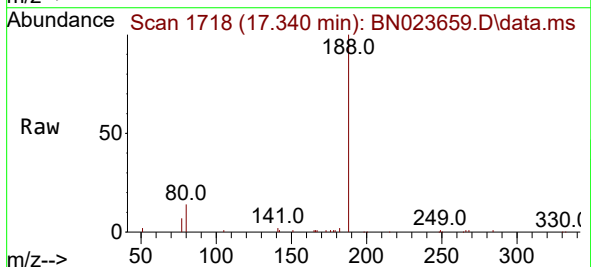
Tgt Ion:188 Resp: 17760

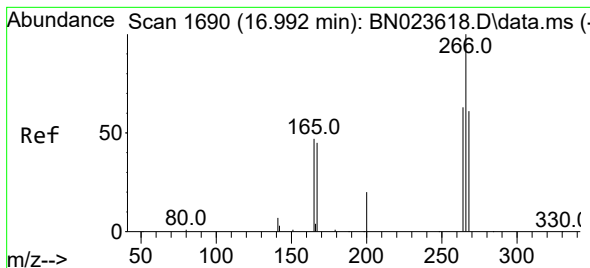
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 11.0 16.4





#24

Pentachlorophenol

Concen: 0.023 ng

RT: 16.992 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN023659.D

Acq: 13 Jan 2023 16:46

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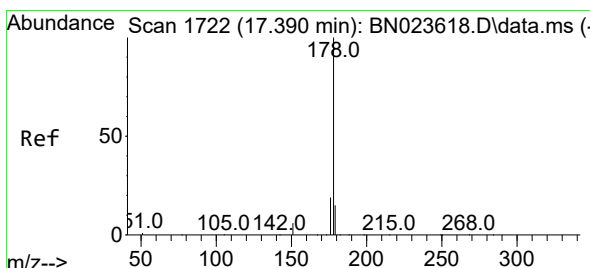
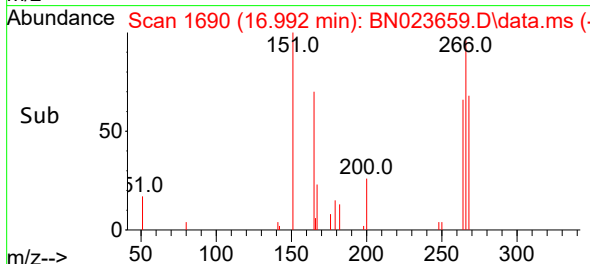
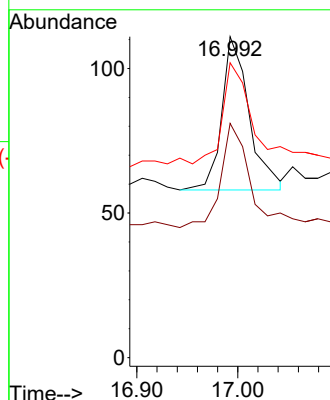
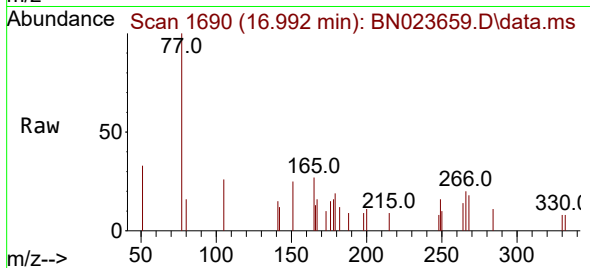
Tgt Ion:266 Resp: 100

Ion Ratio Lower Upper

266 100

264 78.0 49.7 74.5#

268 80.0 49.3 73.9#



#25

Phenanthrene

Concen: 0.141 ng

RT: 17.390 min Scan# 1722

Delta R.T. -0.000 min

Lab File: BN023659.D

Acq: 13 Jan 2023 16:46

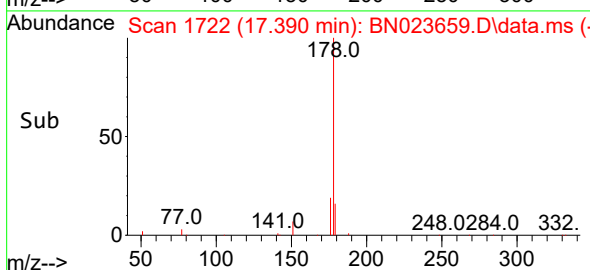
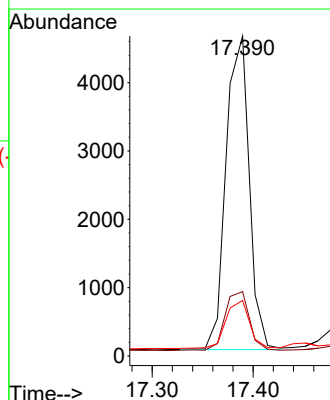
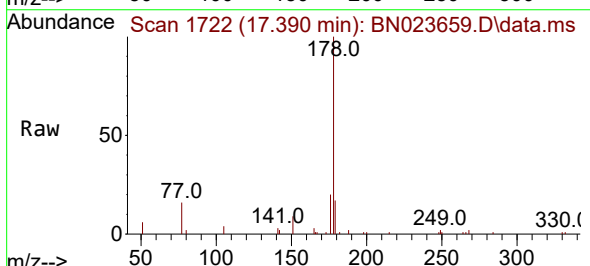
Tgt Ion:178 Resp: 7328

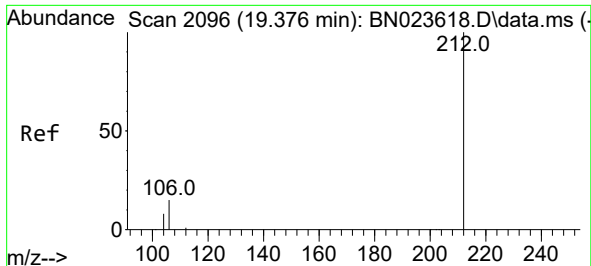
Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 15.8 12.5 18.7

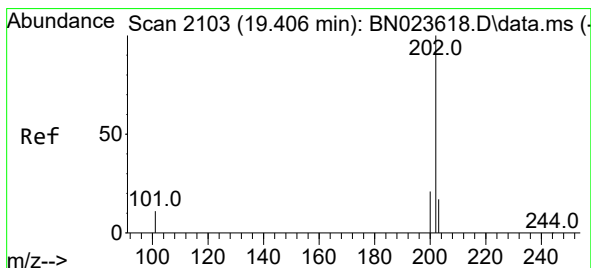
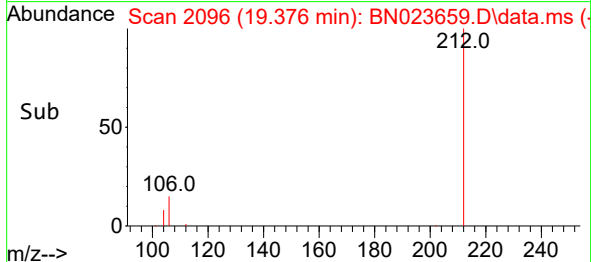
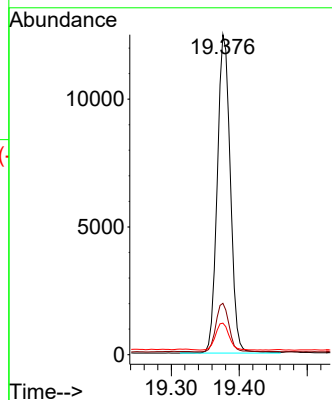
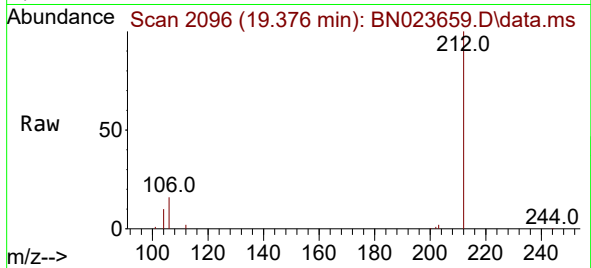




#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.376 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

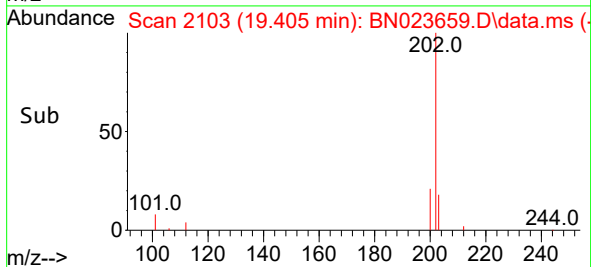
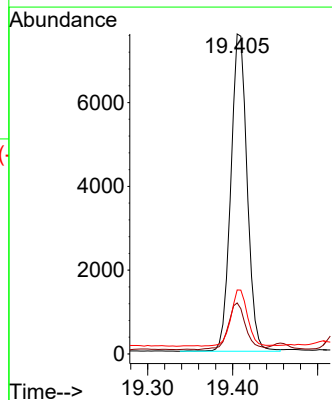
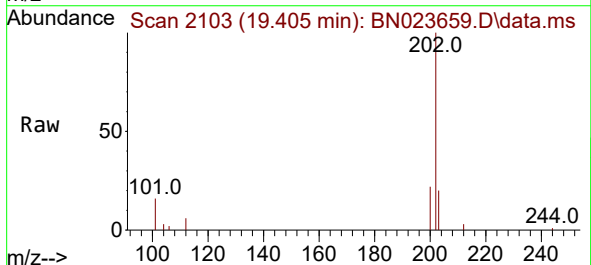
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-478.6-499.6-011123

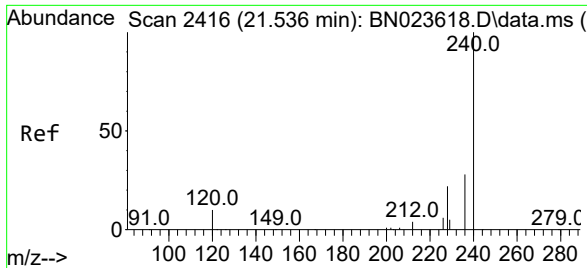
Tgt Ion:212 Resp: 16598
Ion Ratio Lower Upper
212 100
106 15.4 12.2 18.4
104 8.8 7.1 10.7



#28
Fluoranthene
Concen: 0.172 ng
RT: 19.405 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

Tgt Ion:202 Resp: 10103
Ion Ratio Lower Upper
202 100
101 15.7 9.7 14.5#
203 18.0 13.8 20.6

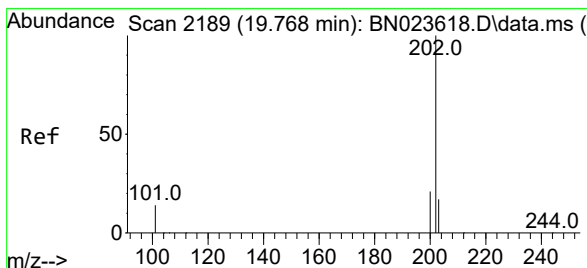
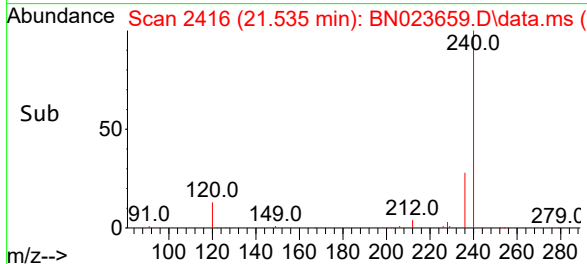
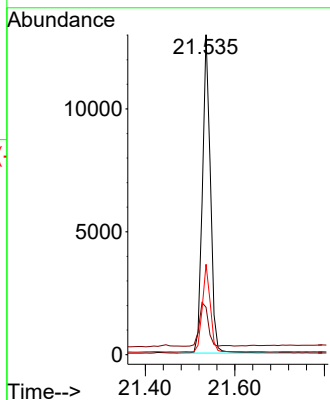
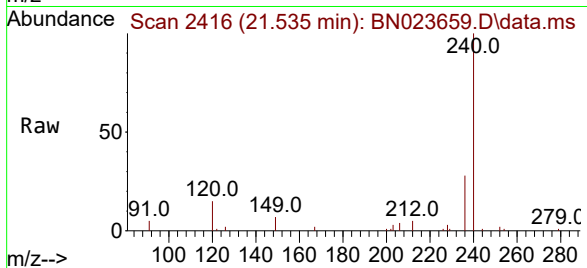




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.535 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

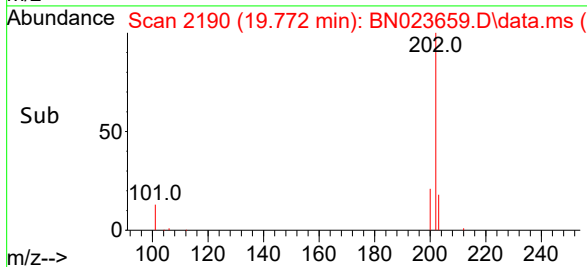
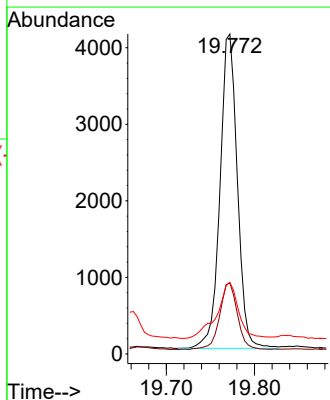
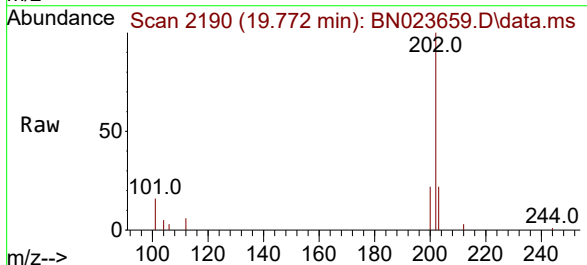
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-478.6-499.6-011123

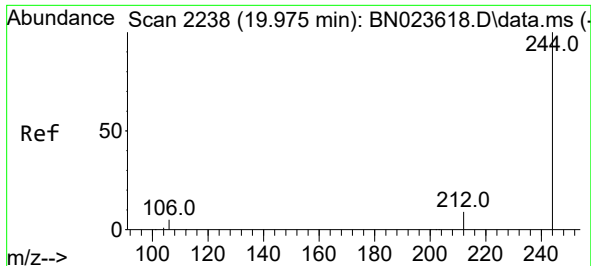
Tgt Ion:240 Resp: 16079
Ion Ratio Lower Upper
240 100
120 14.8 10.6 15.8
236 28.3 23.0 34.6



#30
Pyrene
Concen: 0.091 ng
RT: 19.772 min Scan# 2190
Delta R.T. 0.004 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

Tgt Ion:202 Resp: 5625
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.4
203 22.3 14.2 21.2#

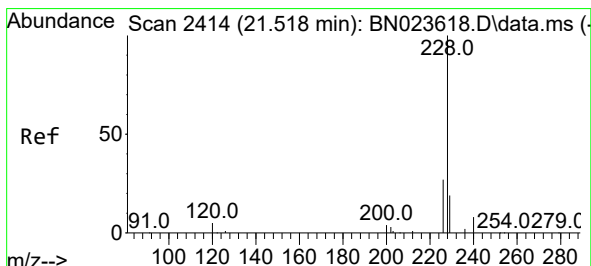
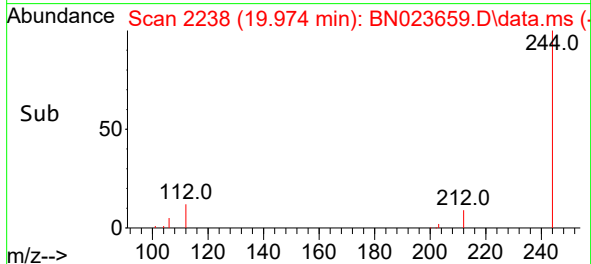
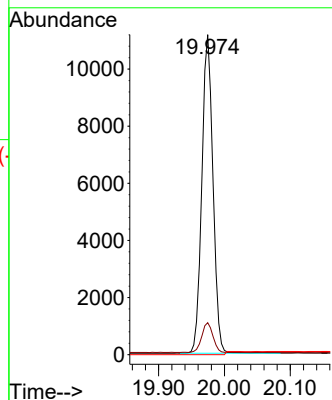
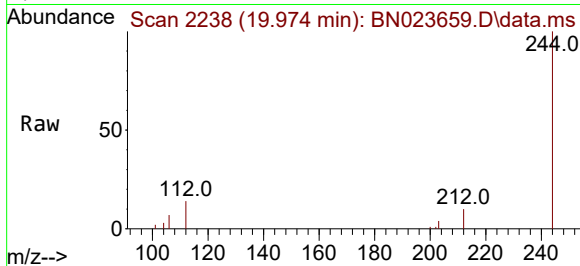




#31
 Terphenyl-d14
 Concen: 0.445 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023659.D
 Acq: 13 Jan 2023 16:46

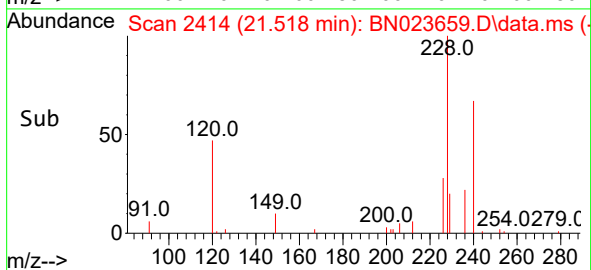
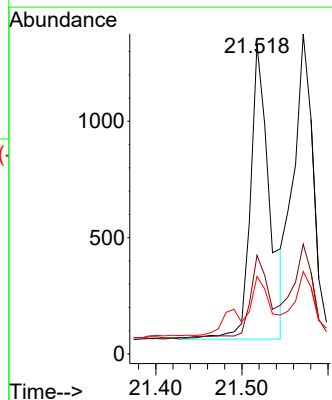
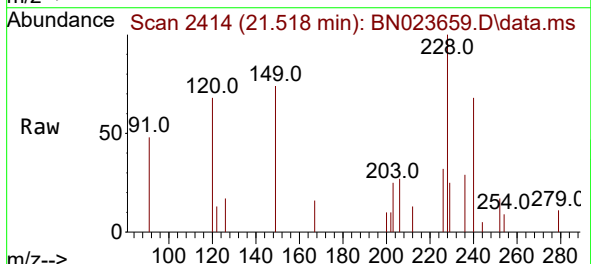
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04-478.6-499.6-011123

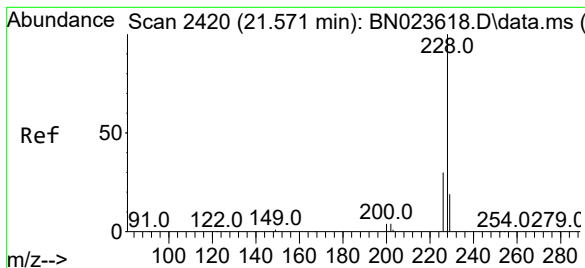
Tgt Ion:244 Resp: 18129
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.5 11.3
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.037 ng
 RT: 21.518 min Scan# 2414
 Delta R.T. -0.000 min
 Lab File: BN023659.D
 Acq: 13 Jan 2023 16:46

Tgt Ion:228 Resp: 1948
 Ion Ratio Lower Upper
 228 100
 226 31.8 22.2 33.2
 229 25.0 15.7 23.5#





#33

Chrysene

Concen: 0.037 ng

RT: 21.571 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BN023659.D

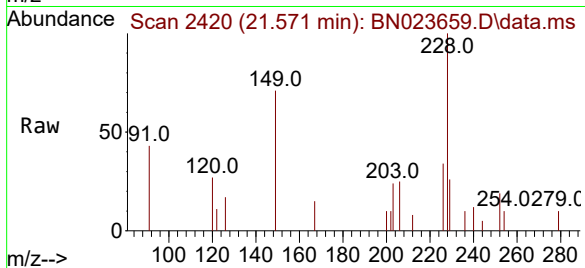
Acq: 13 Jan 2023 16:46

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04-478.6-499.6-011123



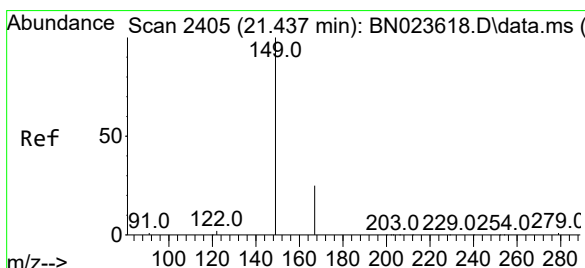
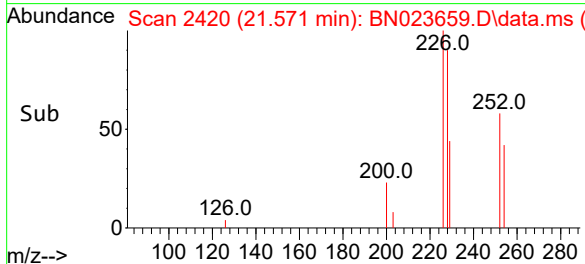
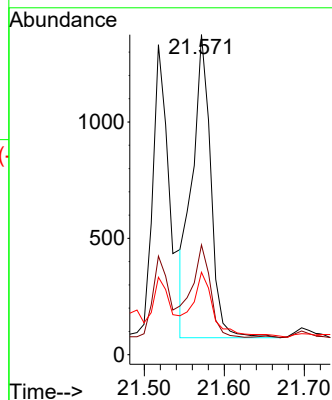
Tgt Ion:228 Resp: 2110

Ion Ratio Lower Upper

228 100

226 34.3 24.4 36.6

229 25.7 15.6 23.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 2.050 ng

RT: 21.446 min Scan# 2406

Delta R.T. 0.009 min

Lab File: BN023659.D

Acq: 13 Jan 2023 16:46

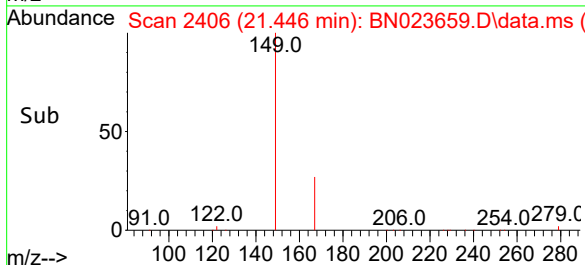
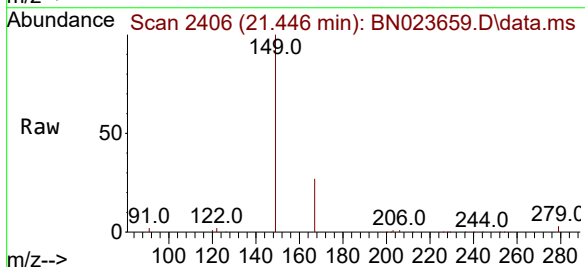
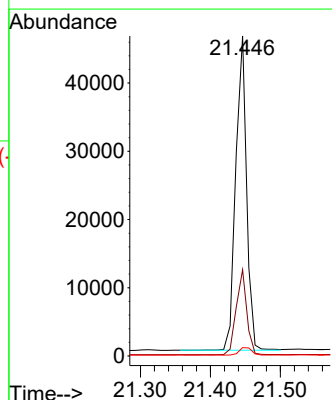
Tgt Ion:149 Resp: 49754

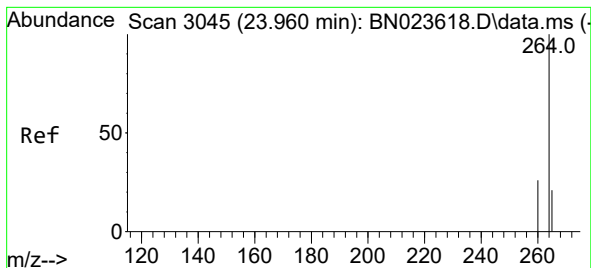
Ion Ratio Lower Upper

149 100

167 26.2 20.6 30.8

279 2.8 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.965 min Scan# 3045

Delta R.T. 0.006 min

Lab File: BN023659.D

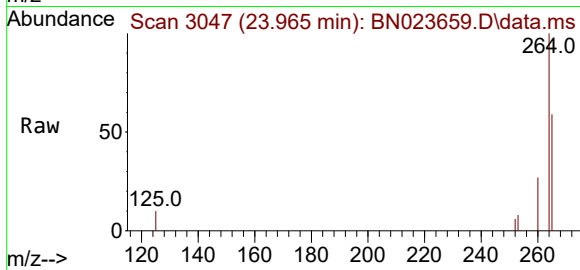
Acq: 13 Jan 2023 16:46

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04-478.6-499.6-011123



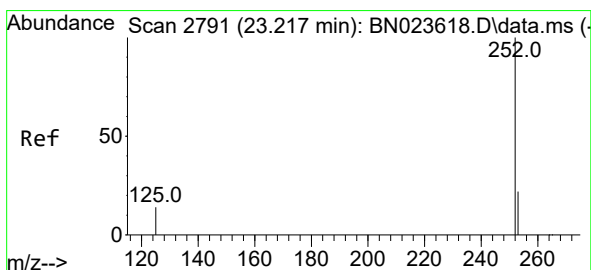
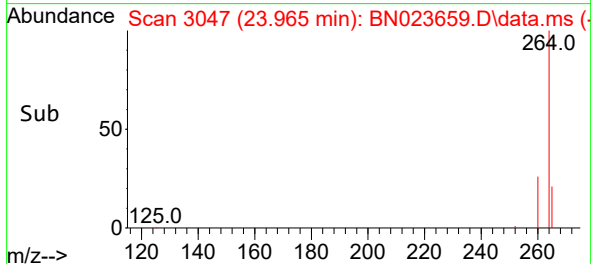
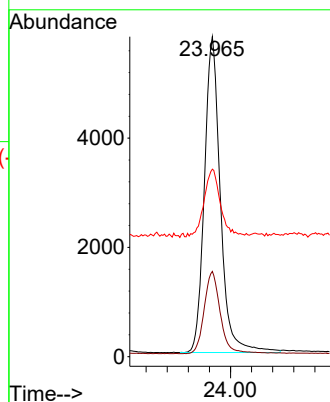
Tgt Ion:264 Resp: 12187

Ion Ratio Lower Upper

264 100

260 26.6 21.4 32.2

265 58.6 56.6 85.0



#37

Benzo(b)fluoranthene

Concen: 0.043 ng

RT: 23.223 min Scan# 2793

Delta R.T. 0.006 min

Lab File: BN023659.D

Acq: 13 Jan 2023 16:46

Tgt Ion:252 Resp: 2228

Ion Ratio Lower Upper

252 100

253 49.6 20.0 30.0#

125 57.9 14.4 21.6#

