

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)

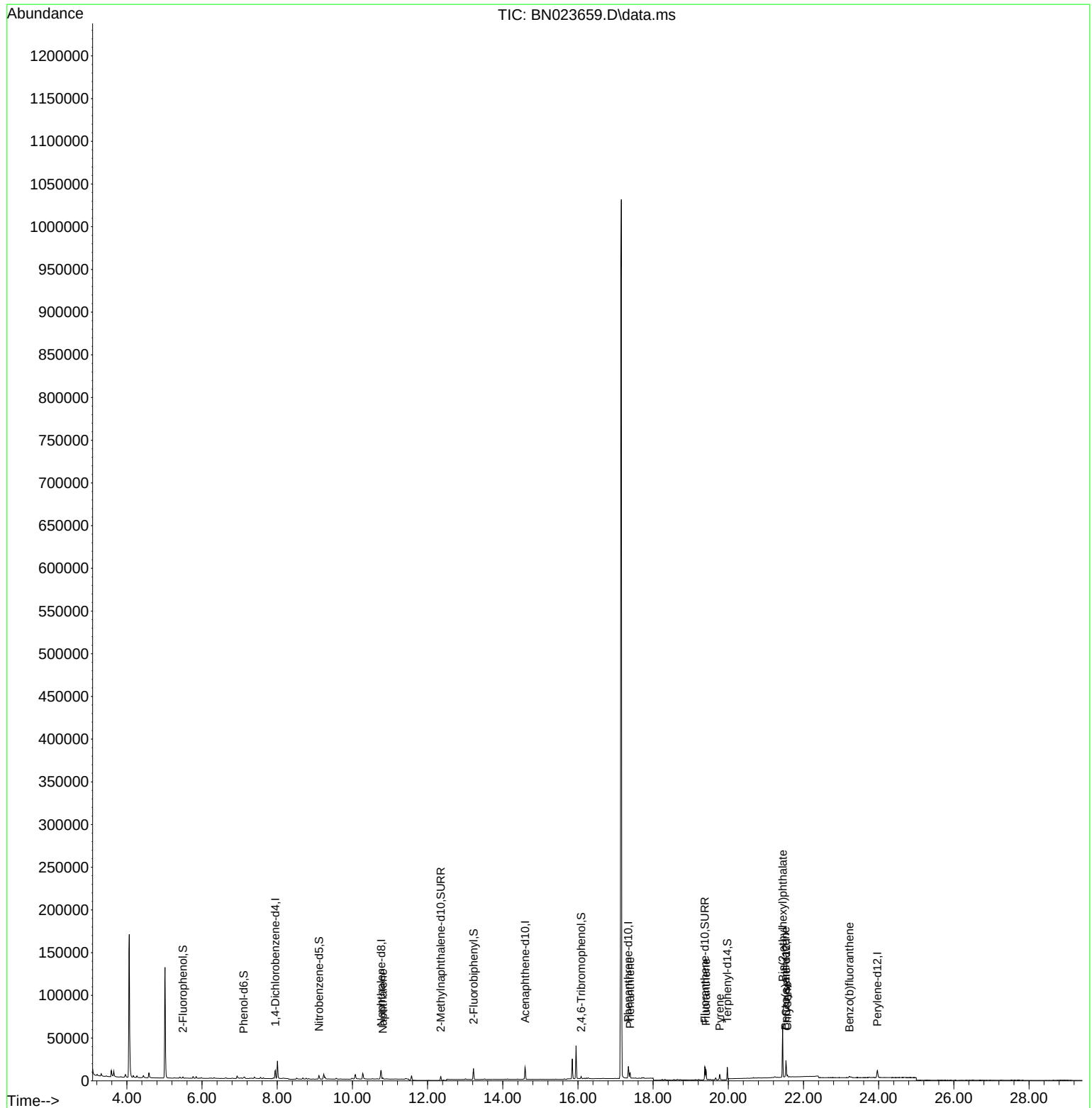
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4480	0.400	ng	0.00
7) Naphthalene-d8	10.765	136	14064	0.400	ng	0.00
13) Acenaphthene-d10	14.591	164	8077	0.400	ng	0.00
19) Phenanthrene-d10	17.340	188	17760	0.400	ng	0.00
29) Chrysene-d12	21.535	240	16079	0.400	ng	0.00
35) Perylene-d12	23.965	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
9) Naphthalene	10.808	128	1607	0.043	ng	# 88
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

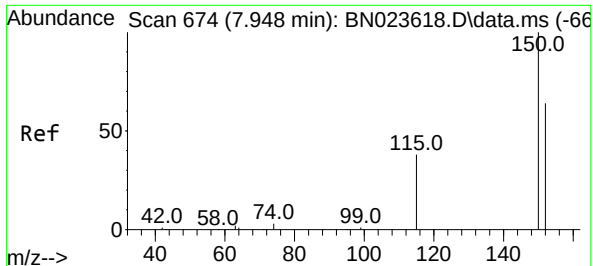
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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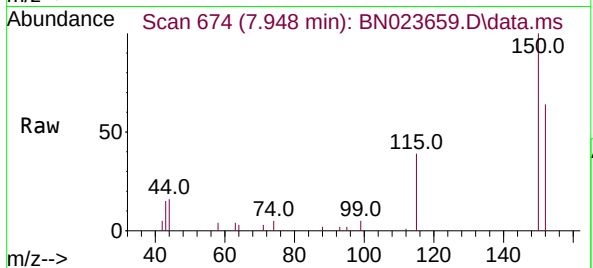
Quant Time: Jan 16 02:35:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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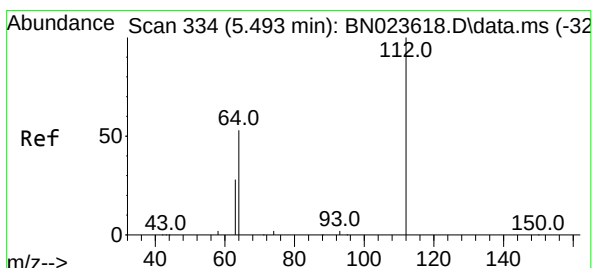
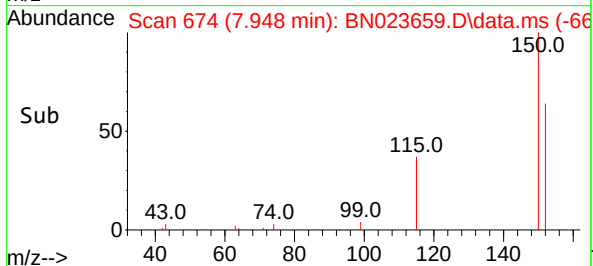
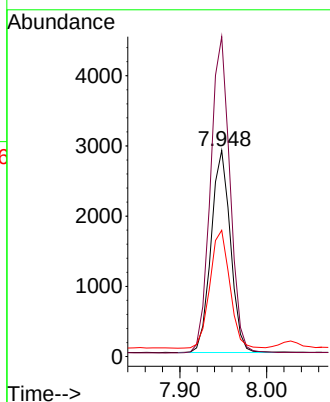


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.948 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

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

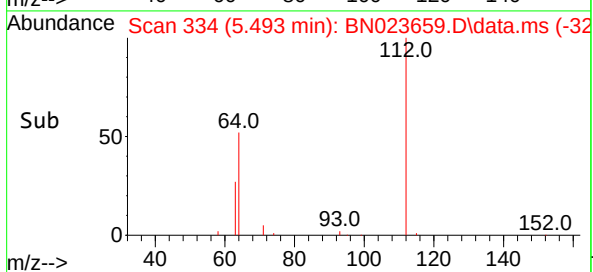
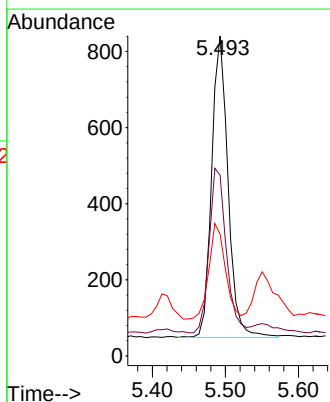
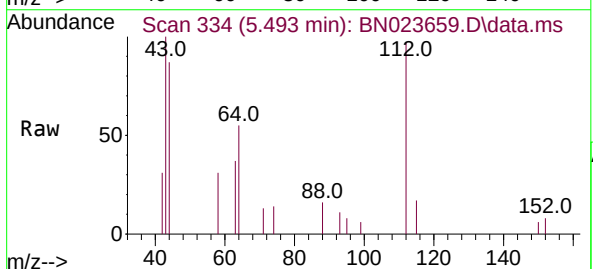


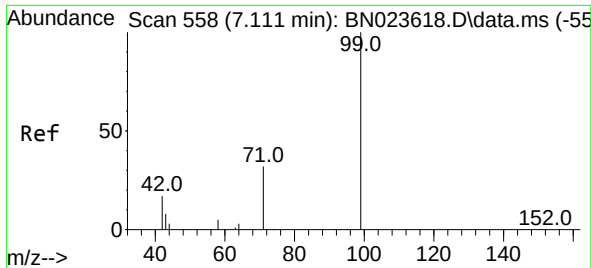
Tgt Ion:152 Resp: 4480
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.8
115 61.3 50.6 75.8



#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.493 min Scan# 334
Delta R.T. -0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

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

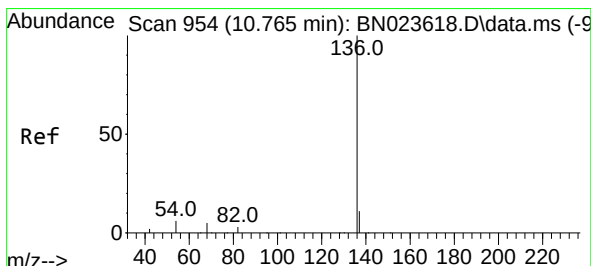
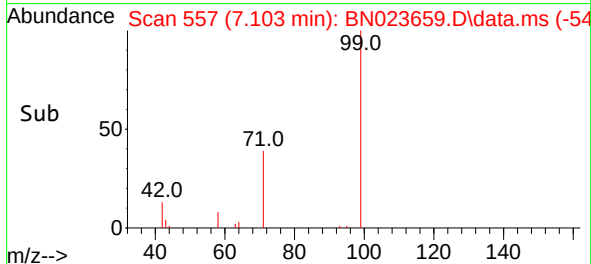
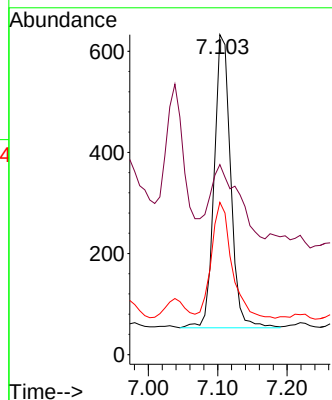
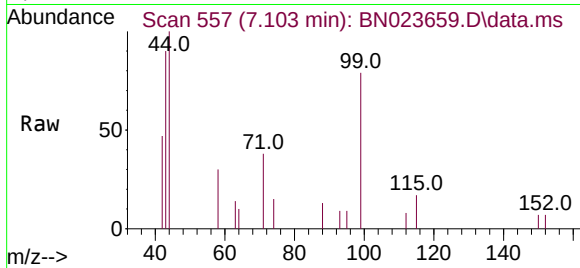




#5
Phenol-d6
Concen: 0.083 ng
RT: 7.103 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

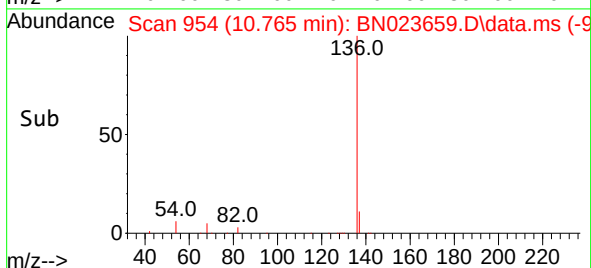
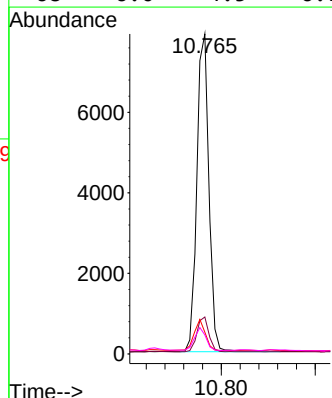
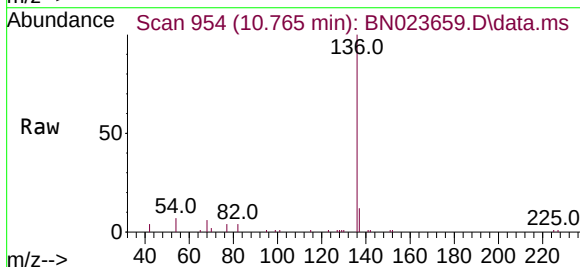
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-478.6-499.6-011123

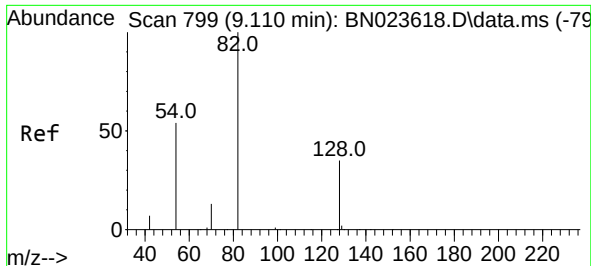
Tgt Ion: 99 Resp: 956
Ion Ratio Lower Upper
99 100
42 41.9 18.8 28.2#
71 48.8 28.2 42.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.765 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

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

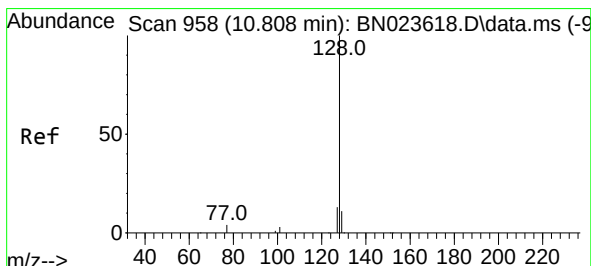
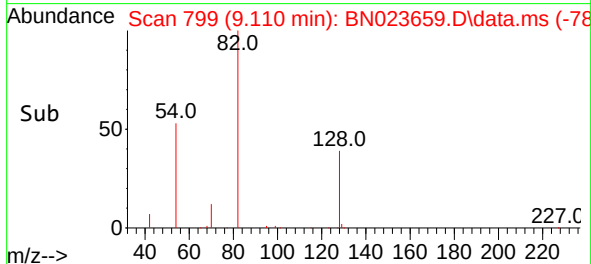
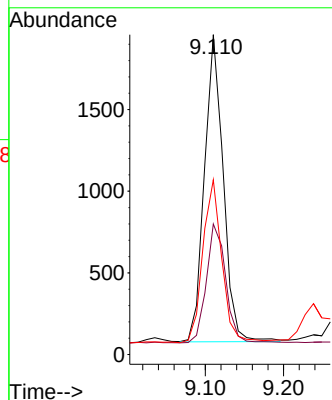
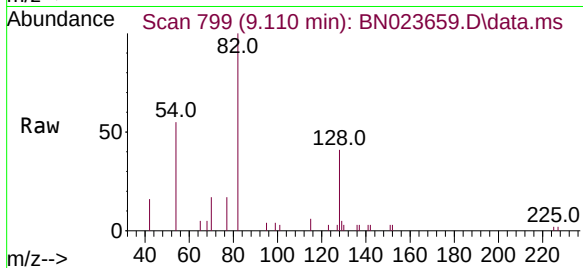




#8
 Nitrobenzene-d5
 Concen: 0.296 ng
 RT: 9.110 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BN023659.D
 Acq: 13 Jan 2023 16:46

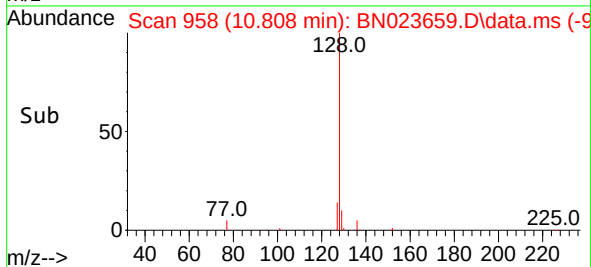
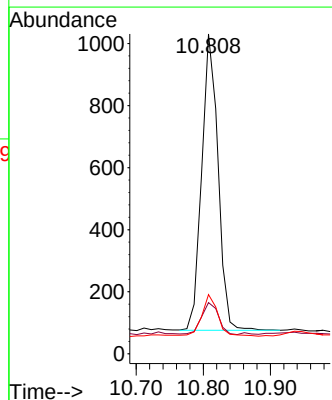
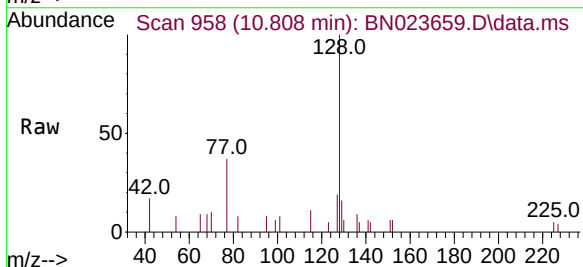
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04-478.6-499.6-011123

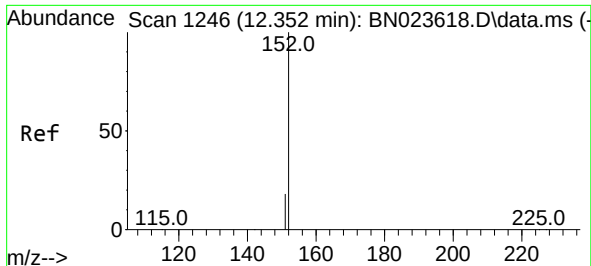
Tgt Ion:	82	Resp:	3130
Ion	Ratio	Lower	Upper
82	100		
128	40.8	29.8	44.8
54	54.6	43.9	65.9



#9
 Naphthalene
 Concen: 0.043 ng
 RT: 10.808 min Scan# 958
 Delta R.T. -0.000 min
 Lab File: BN023659.D
 Acq: 13 Jan 2023 16:46

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#

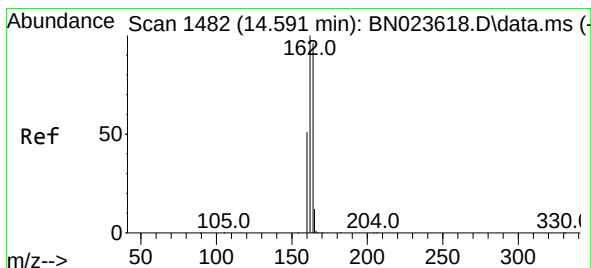
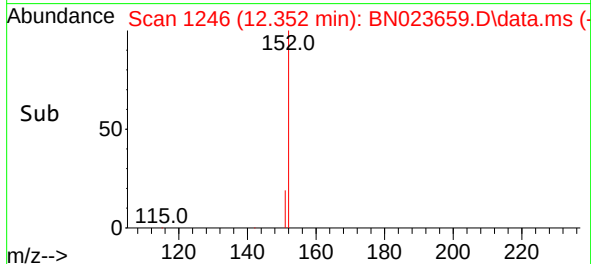
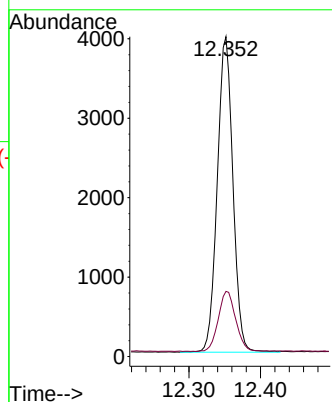
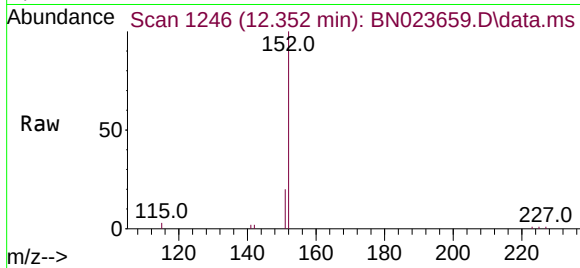




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.352 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

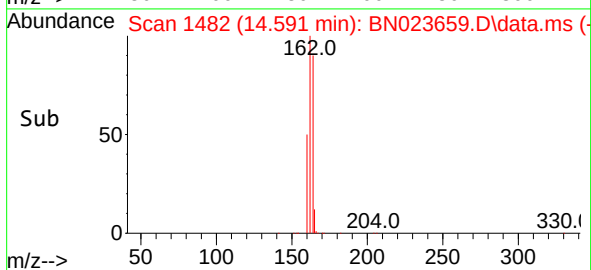
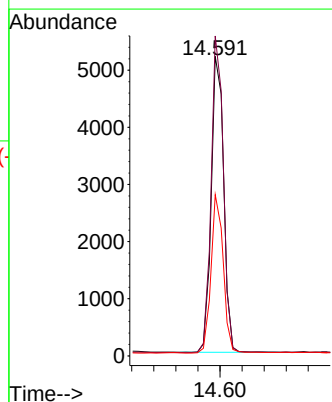
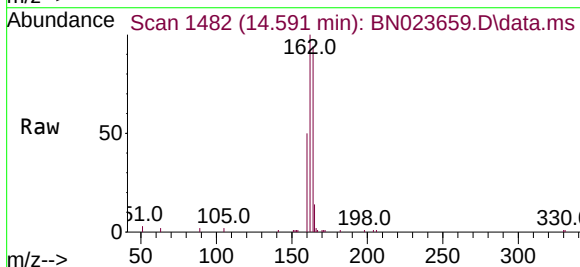
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ClientSampleId : GWOW-BR-04-478.6-499.6-011123

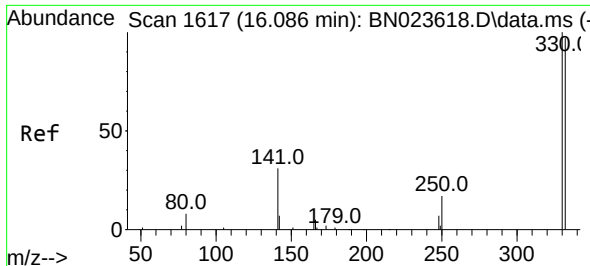
Tgt Ion:152 Resp: 6013
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3



#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

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

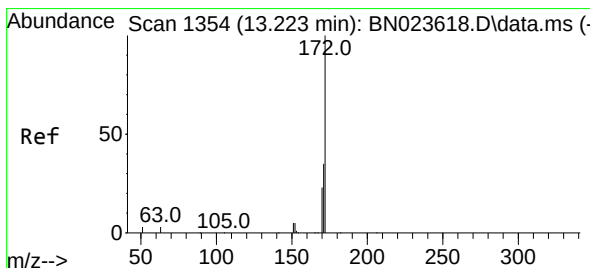
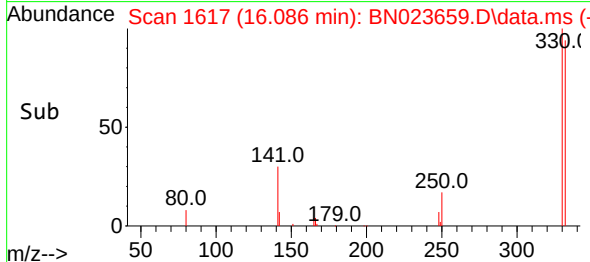
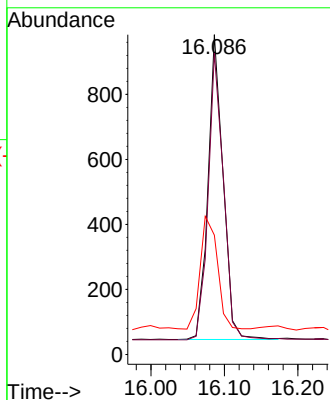
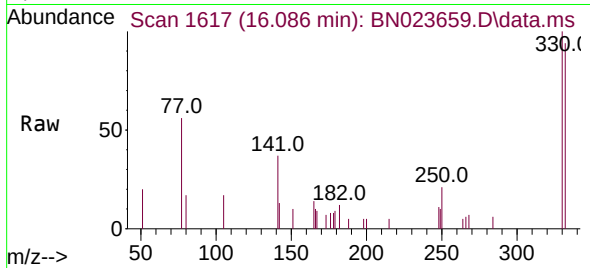




#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 16.086 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

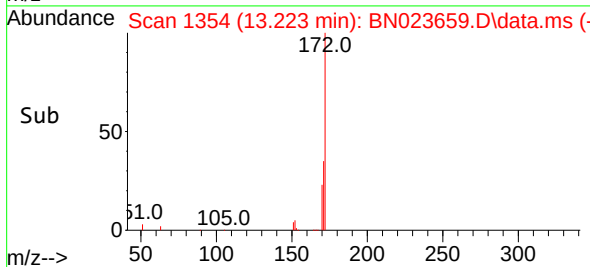
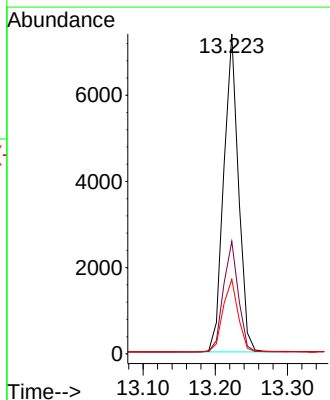
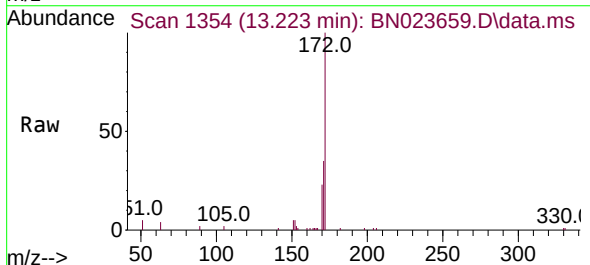
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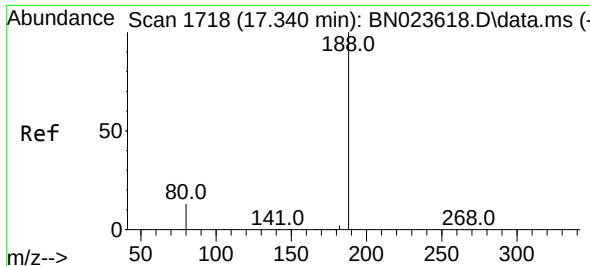
Tgt Ion:330 Resp: 1344
Ion Ratio Lower Upper
330 100
332 95.6 78.1 117.1
141 41.4 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.223 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

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

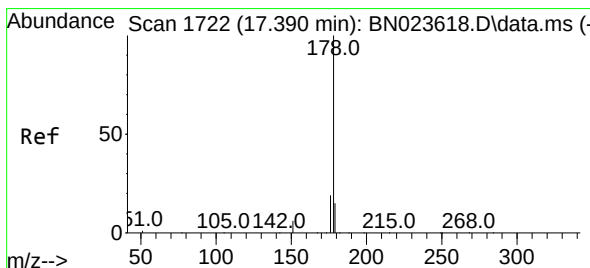
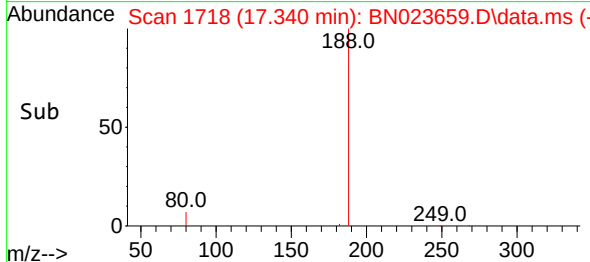
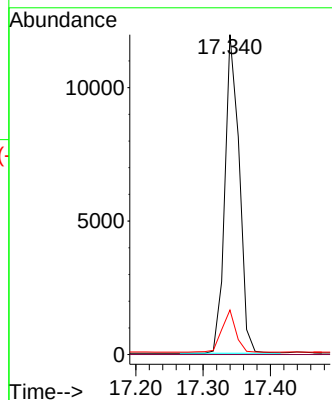
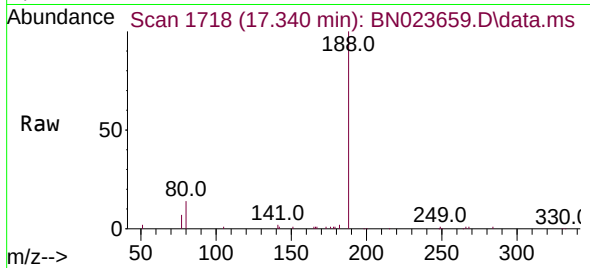




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.340 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

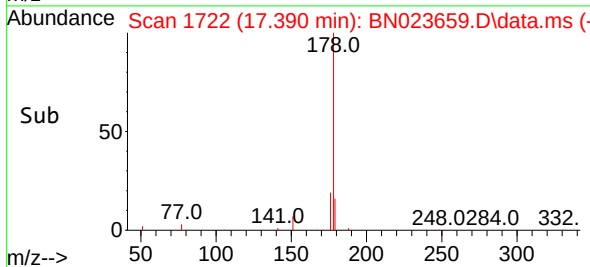
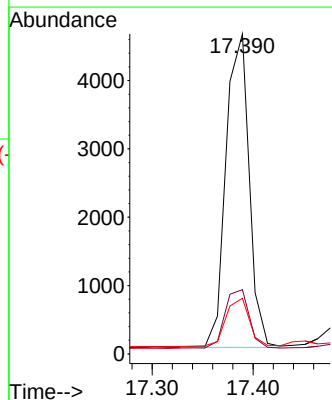
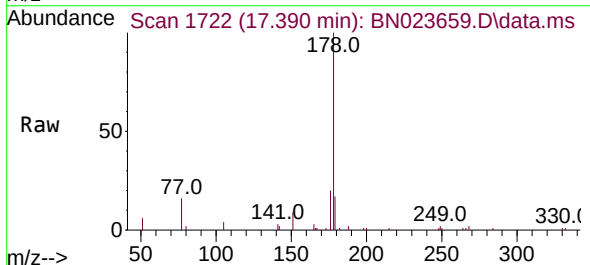
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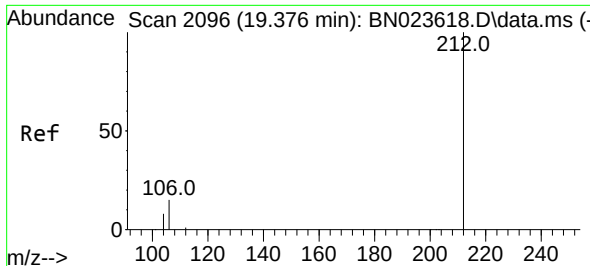
Tgt Ion:188 Resp: 17760
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 11.0 16.4



#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

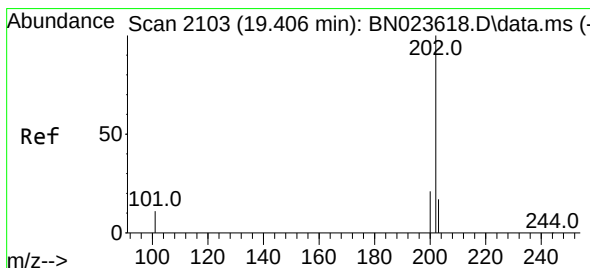
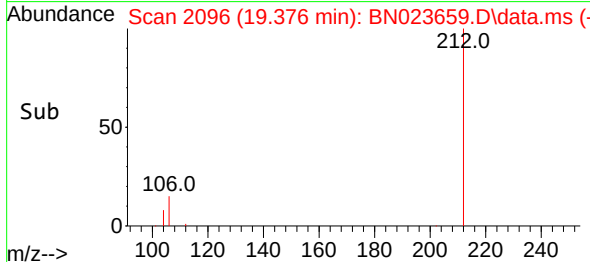
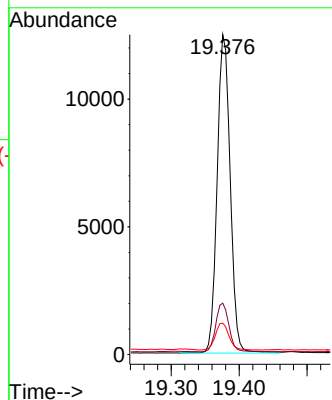
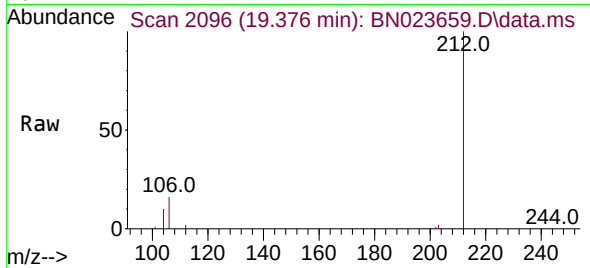




#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.376 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

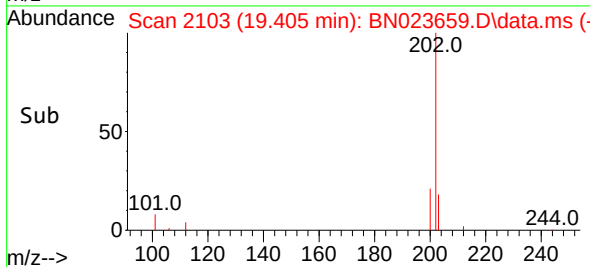
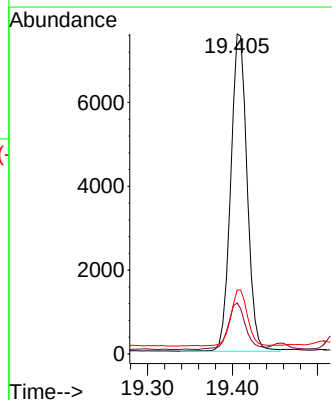
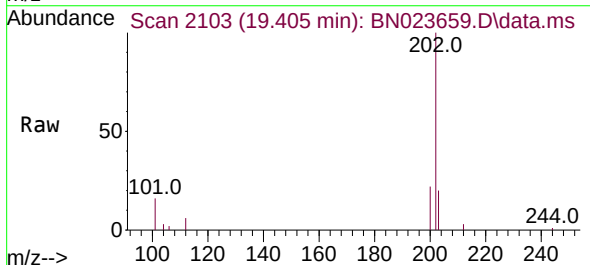
Instrument :
BNA_N
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GWOW-BR-04-478.6-499.6-011123

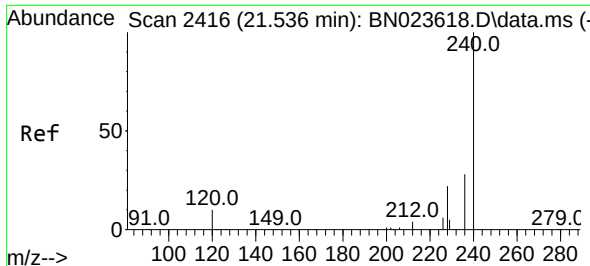
Tgt Ion:212 Resp: 16598
Ion Ratio Lower Upper
212 100
106 15.4 12.2 18.4
104 8.8 7.1 10.7



#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

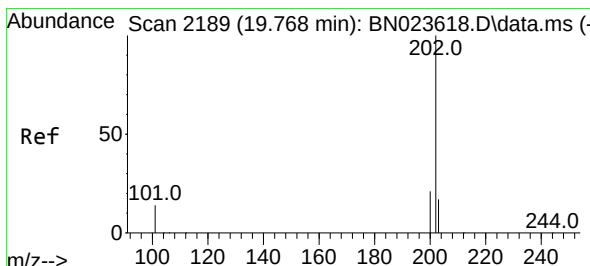
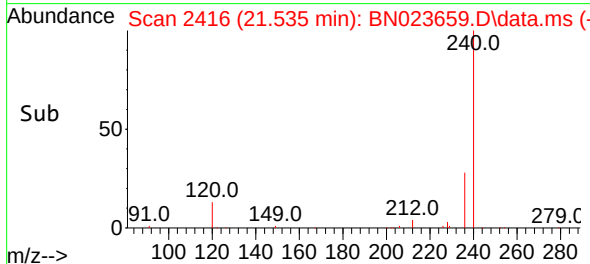
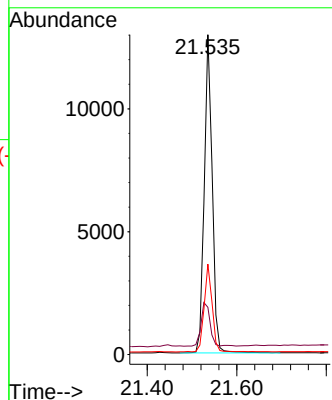
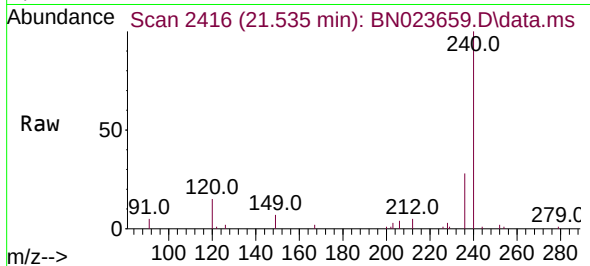




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.535 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

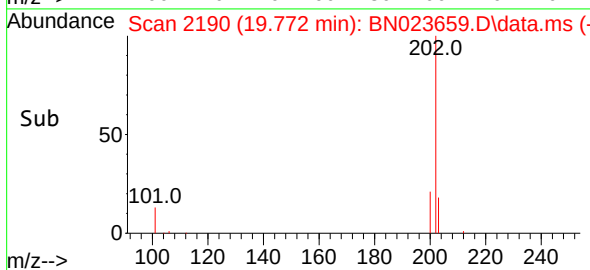
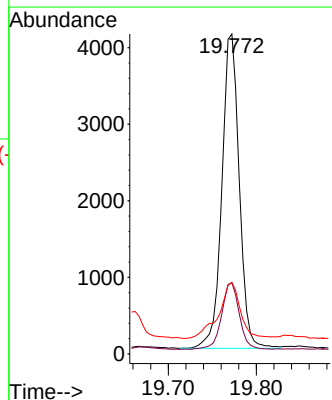
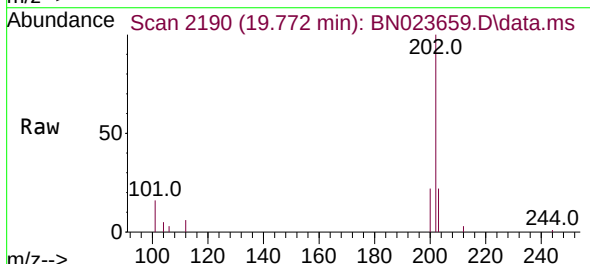
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-478.6-499.6-011123

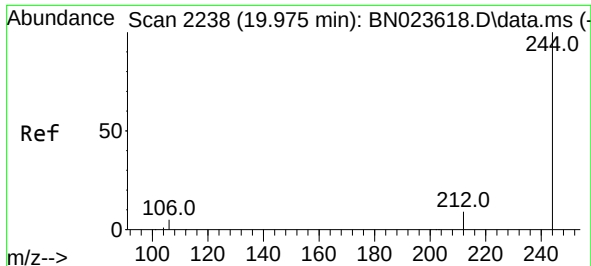
Tgt Ion:240 Resp: 16079
Ion Ratio Lower Upper
240 100
120 14.8 10.6 15.8
236 28.3 23.0 34.6



#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#

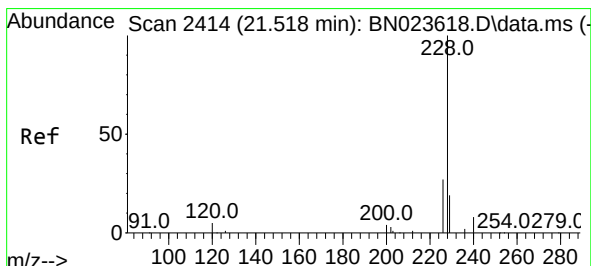
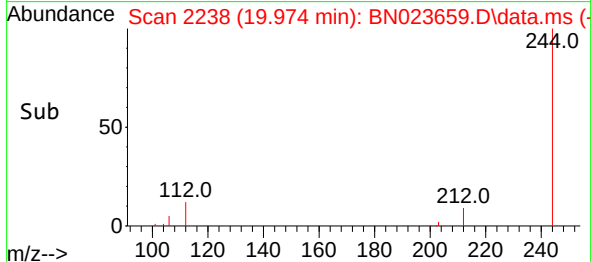
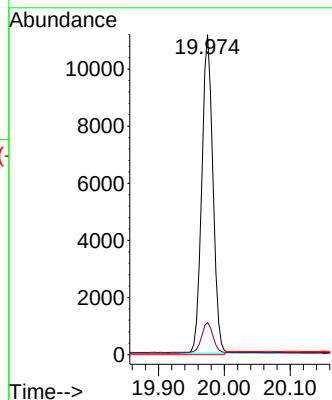
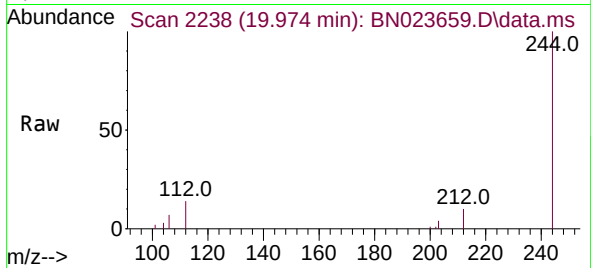




#31
 Terphenyl-d14
 Concen: 0.445 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023659.D
 Acq: 13 Jan 2023 16:46

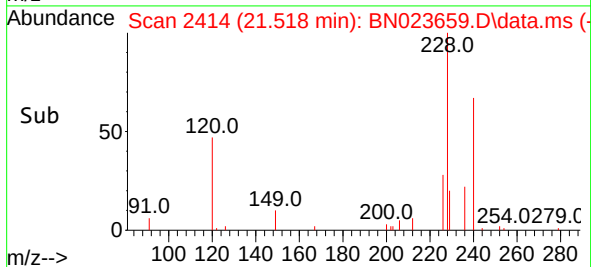
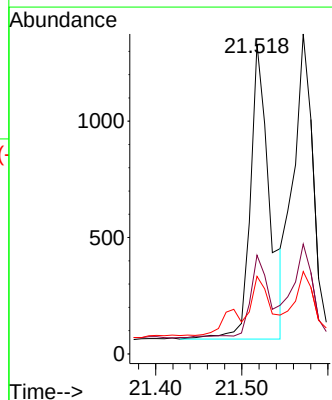
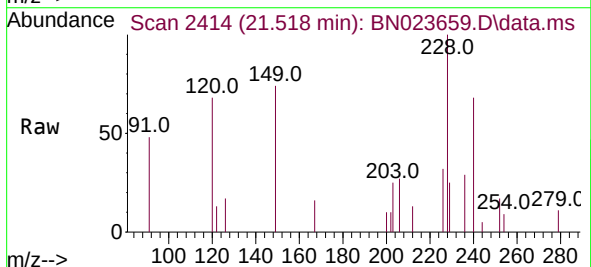
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04-478.6-499.6-011123

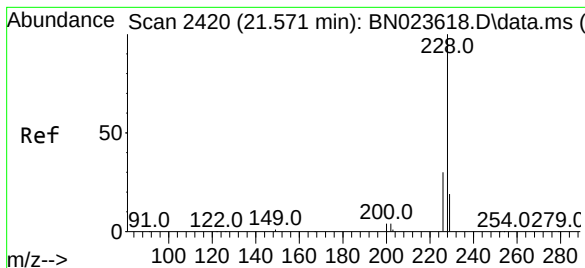
Tgt Ion:244 Resp: 18129
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.5 11.3
 122 0.0 0.0 0.0



#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

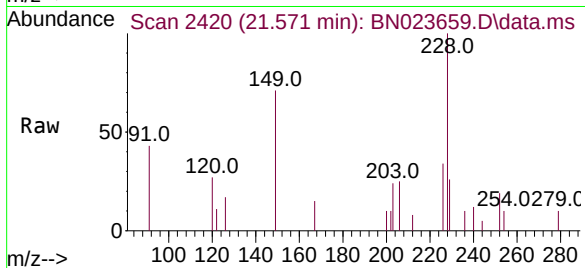
Acq: 13 Jan 2023 16:46

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04-478.6-499.6-011123



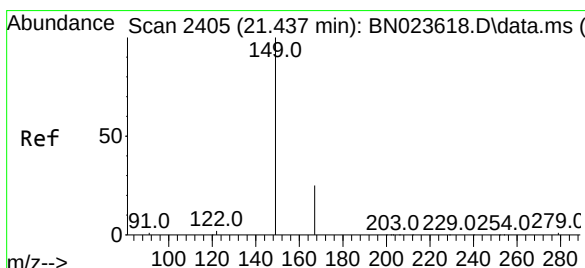
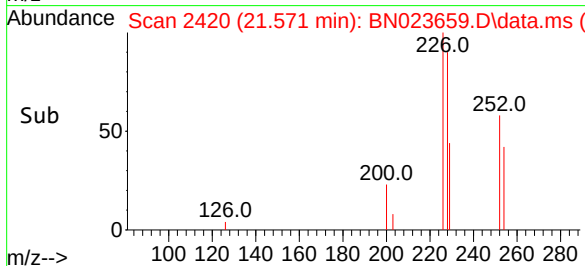
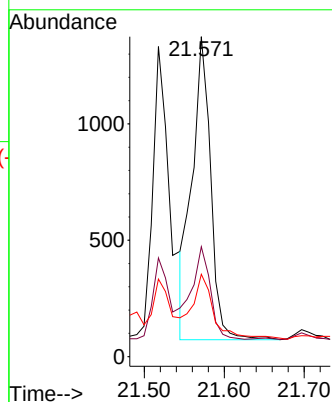
Tgt Ion:228 Resp: 2110

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

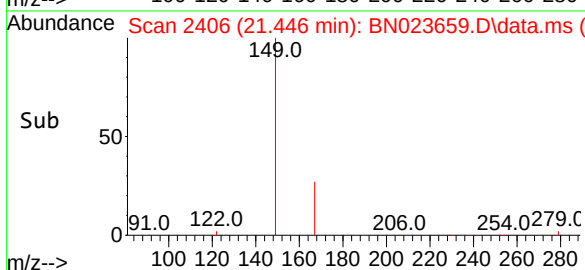
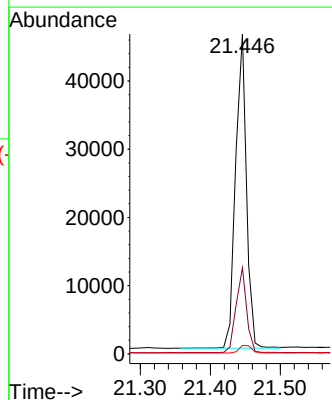
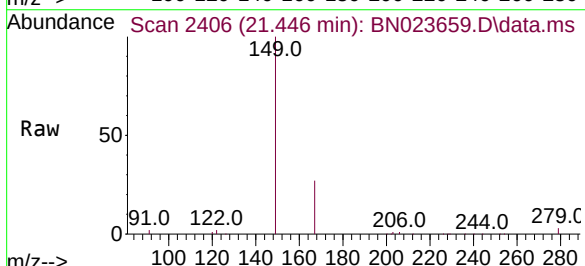
Tgt Ion:149 Resp: 49754

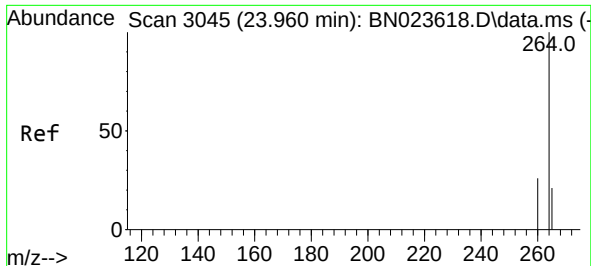
Ion Ratio Lower Upper

149 100

167 26.2 20.6 30.8

279 2.8 2.6 4.0

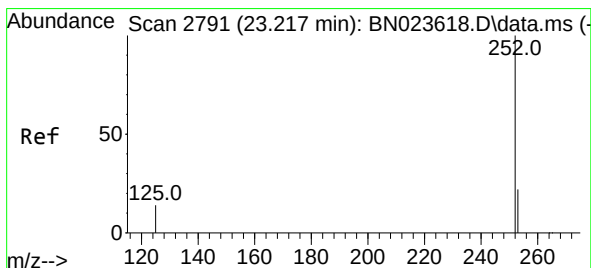
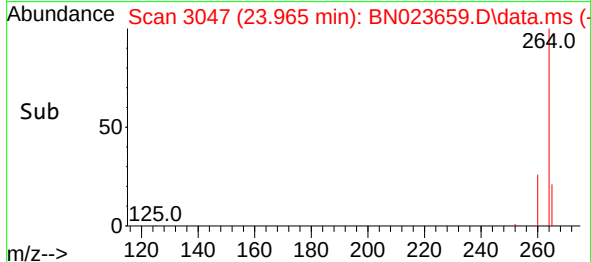
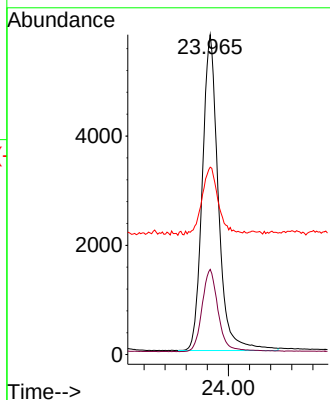
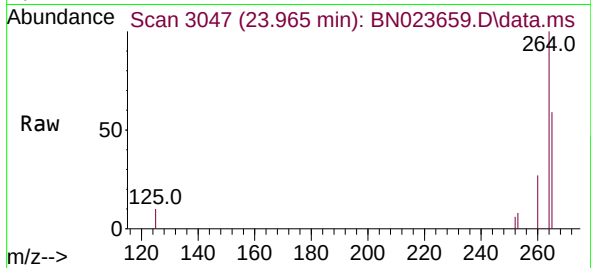




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.965 min Scan# 3045
Delta R.T. 0.006 min
Lab File: BN023659.D
Acq: 13 Jan 2023 16:46

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#

