

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101722\
 Data File : BN022144.D
 Acq On : 17 Oct 2022 10:10
 Operator : CG/JU
 Sample : N5132-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-01-340-360-101222

Quant Time: Oct 17 15:26:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 01:51:34 2022
 Response via : Initial Calibration

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

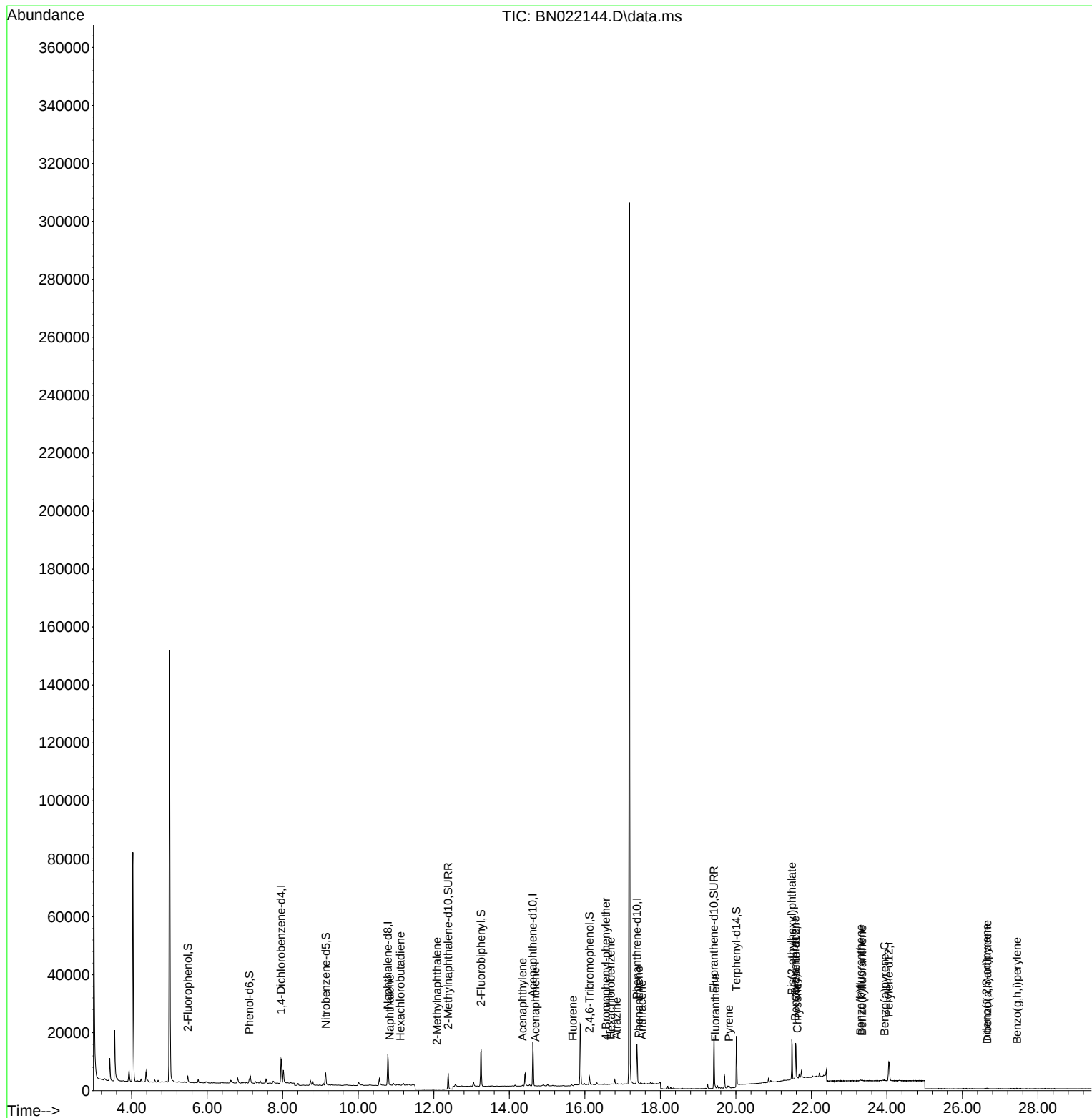
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	4251	0.400	ng	-0.01
7) Naphthalene-d8	10.784	136	14473	0.400	ng	-0.01
13) Acenaphthene-d10	14.625	164	8539	0.400	ng	0.00
19) Phenanthrene-d10	17.378	188	17803	0.400	ng	# 0.00
29) Chrysene-d12	21.591	240	11697	0.400	ng	0.00
35) Perylene-d12	24.052	264	9672	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.486	112	1793	0.182	ng	0.00
5) Phenol-d6	7.119	99	1426	0.112	ng	0.00
8) Nitrobenzene-d5	9.140	82	4192	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.383	152	7458	0.280	ng	0.00
14) 2,4,6-Tribromophenol	16.125	330	1395	0.428	ng	0.00
15) 2-Fluorobiphenyl	13.256	172	11669	0.313	ng	0.00
27) Fluoranthene-d10	19.419	212	18018	0.381	ng	0.00
31) Terphenyl-d14	20.014	244	10808	0.460	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.837	128	272	0.006	ng	# 39
10) Hexachlorobutadiene	11.115	225	4	0.001	ng	# 18
12) 2-Methylnaphthalene	12.085	142	4	0.001	ng	# 1
16) Acenaphthylene	14.347	152	115	0.003	ng	# 58
17) Acenaphthene	14.689	154	33	0.001	ng	# 1
18) Fluorene	15.683	166	91	0.003	ng	# 76
21) 4-Bromophenyl-phenylether	16.559	248	2	0.000	ng	# 37
22) Hexachlorobenzene	16.683	284	10	0.001	ng	# 24
23) Atrazine	16.845	200	6	0.001	ng	# 1
25) Phenanthrene	17.428	178	404	0.007	ng	97
26) Anthracene	17.515	178	130	0.003	ng	# 70
28) Fluoranthene	19.453	202	444	0.007	ng	# 11
30) Pyrene	19.816	202	439	0.009	ng	# 83
32) Benzo(a)anthracene	21.573	228	299	0.007	ng	# 30
33) Chrysene	21.626	228	257	0.005	ng	# 45
34) Bis(2-ethylhexyl)phtha...	21.483	149	13694	0.649	ng	98
36) Indeno(1,2,3-cd)pyrene	26.639	276	151	0.003	ng	# 66
37) Benzo(b)fluoranthene	23.300	252	437	0.010	ng	# 1
38) Benzo(k)fluoranthene	23.344	252	272	0.006	ng	# 1
39) Benzo(a)pyrene	23.941	252	195	0.006	ng	# 1
40) Dibenzo(a,h)anthracene	26.660	278	90	0.002	ng	# 1
41) Benzo(g,h,i)perylene	27.446	276	307	0.007	ng	# 6

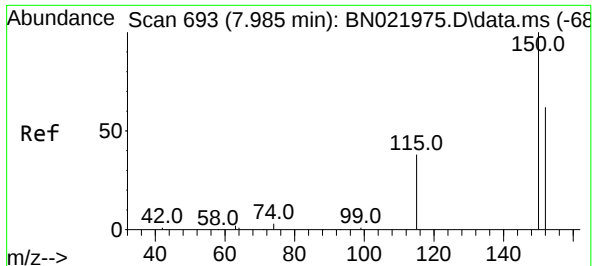
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101722\
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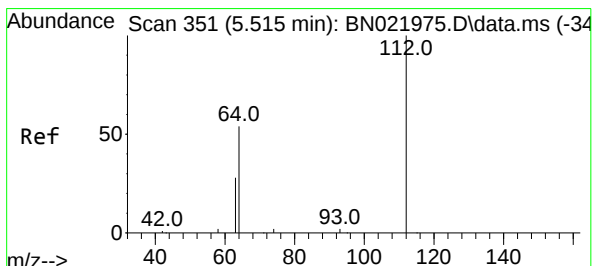
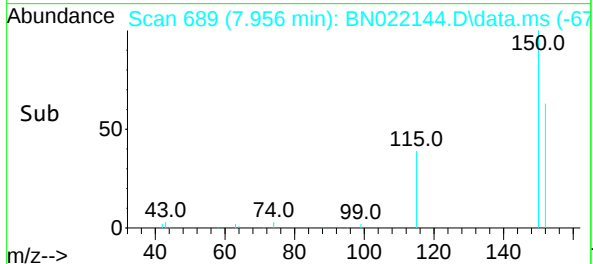
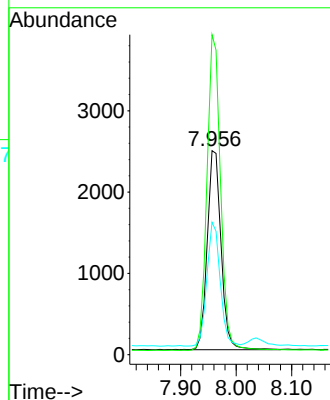
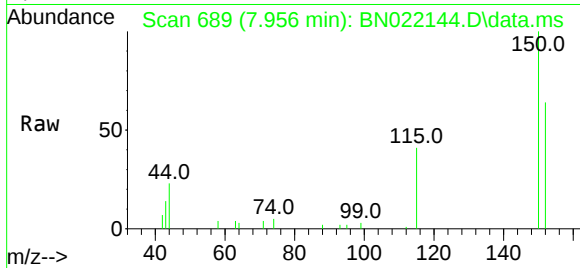




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.956 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

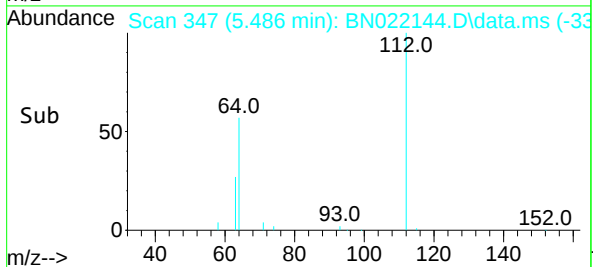
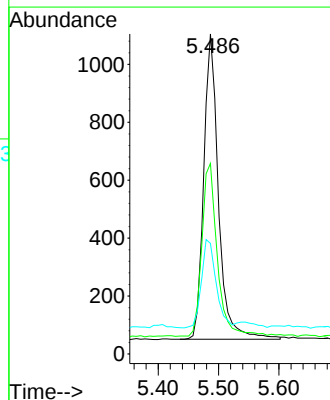
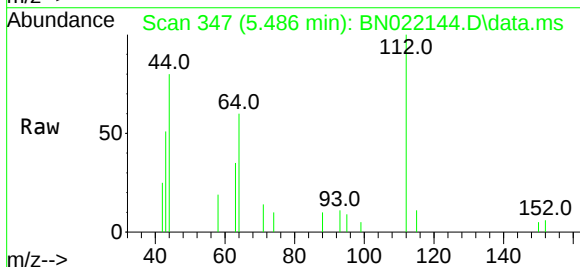
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-340-360-101222

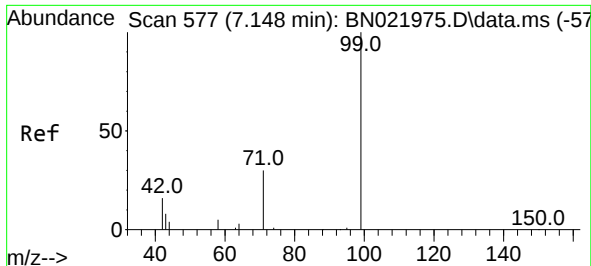
Tgt Ion:152 Resp: 4251
Ion Ratio Lower Upper
152 100
150 156.9 127.2 190.8
115 65.0 51.4 77.0



#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.486 min Scan# 347
Delta R.T. -0.007 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

Tgt Ion:112 Resp: 1793
Ion Ratio Lower Upper
112 100
64 59.2 46.9 70.3
63 28.8 24.6 37.0

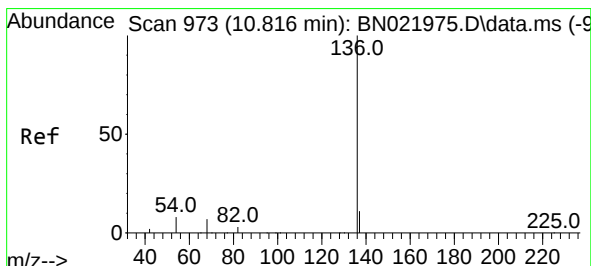
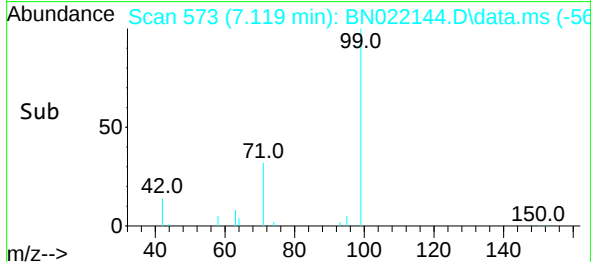
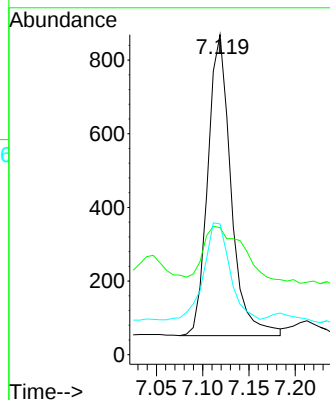
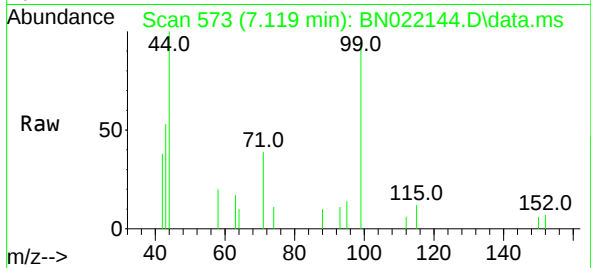




#5
Phenol-d6
Concen: 0.112 ng
RT: 7.119 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

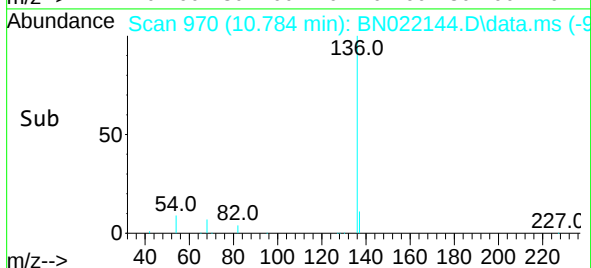
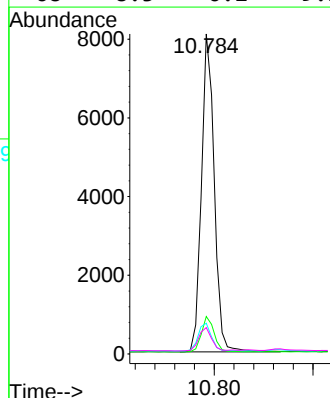
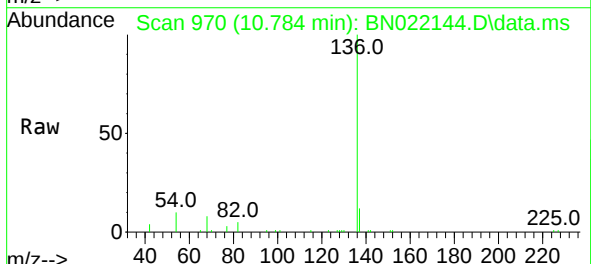
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-340-360-101222

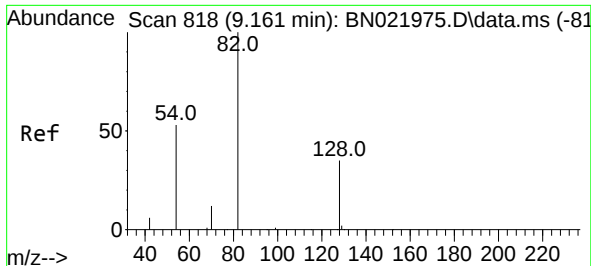
Tgt Ion: 99 Resp: 1426
Ion Ratio Lower Upper
99 100
42 31.8 15.9 23.9#
71 37.1 25.6 38.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.784 min Scan# 970
Delta R.T. -0.011 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

Tgt Ion: 136 Resp: 14473
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 9.6 7.1 10.7
68 8.3 6.2 9.2

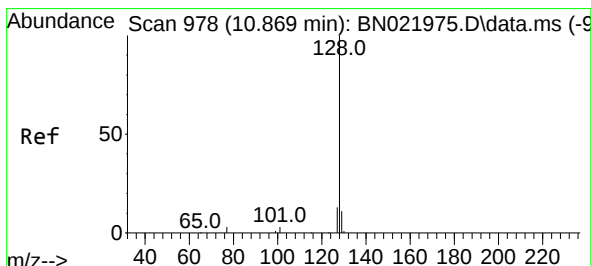
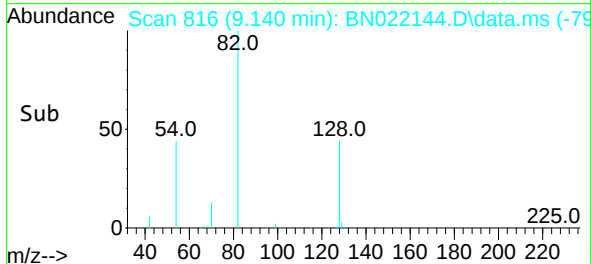
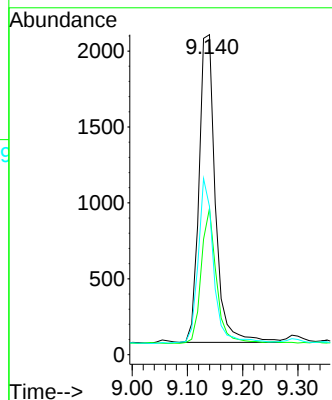
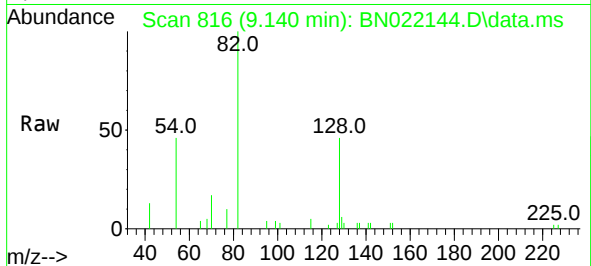




#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 9.140 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

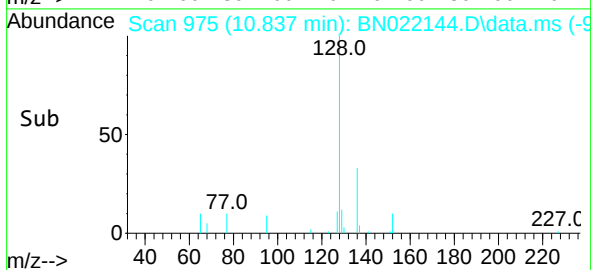
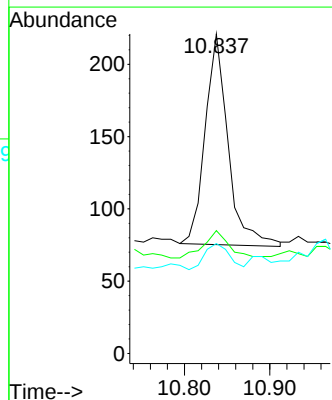
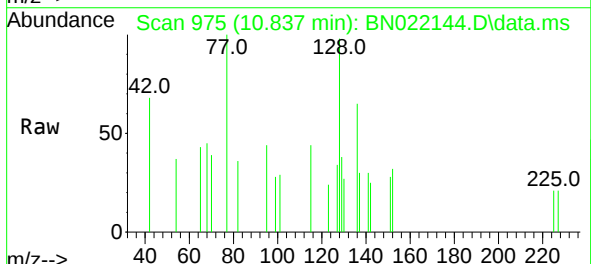
Instrument :
BNA_N
ClientSampleId :
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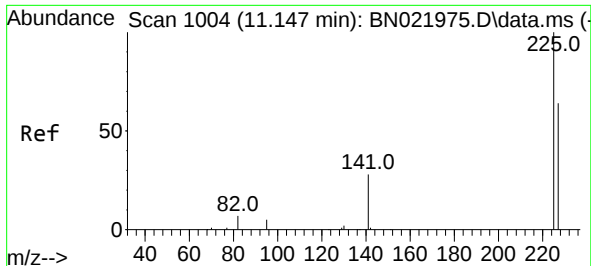
Tgt Ion: 82 Resp: 4192
Ion Ratio Lower Upper
82 100
128 45.7 29.9 44.9#
54 46.3 43.5 65.3



#9
Naphthalene
Concen: 0.006 ng
RT: 10.837 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

Tgt Ion: 128 Resp: 272
Ion Ratio Lower Upper
128 100
129 38.5 9.3 13.9#
127 34.4 10.6 16.0#

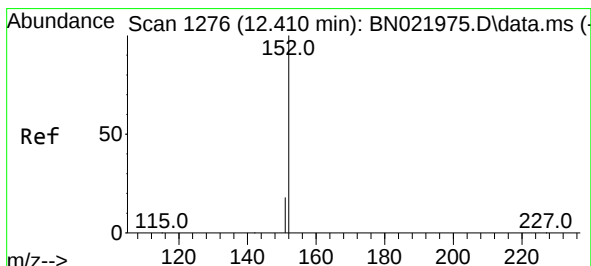
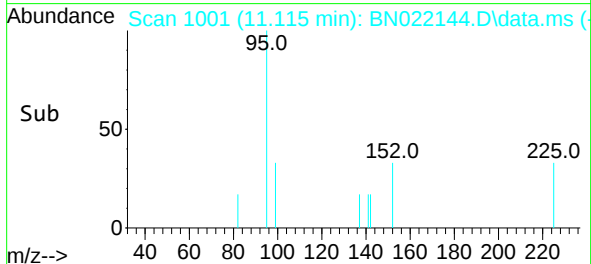
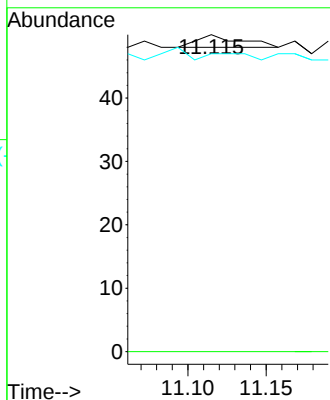
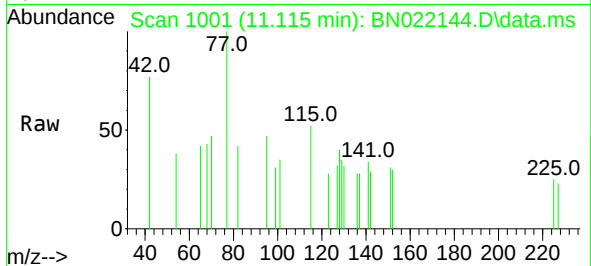




#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.115 min Scan# 1001
Delta R.T. -0.011 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

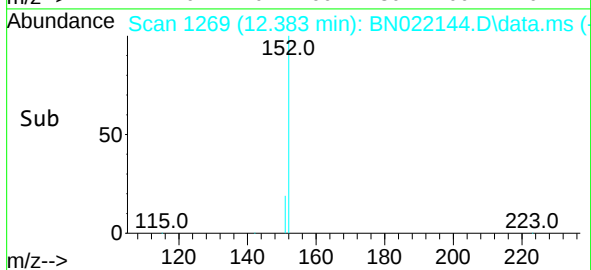
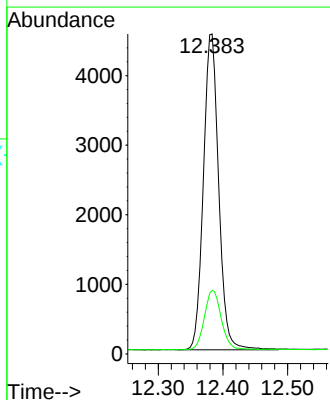
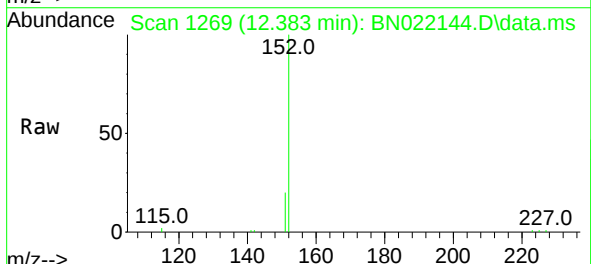
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-340-360-101222

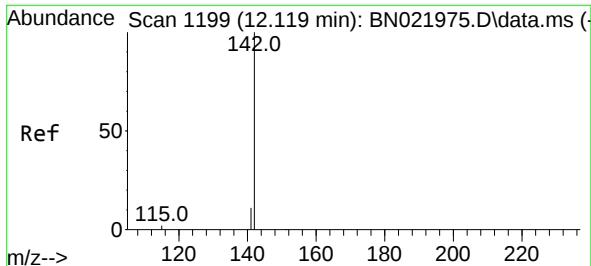
Tgt Ion:225 Resp: 4
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 0.0 51.3 76.9#



#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.383 min Scan# 1269
Delta R.T. -0.008 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

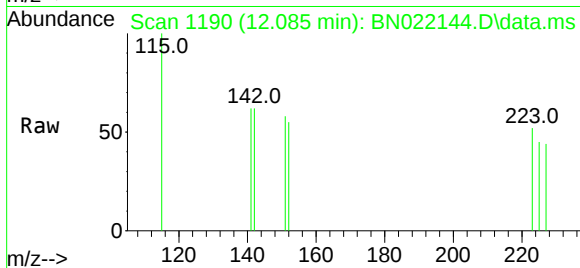
Tgt Ion:152 Resp: 7458
Ion Ratio Lower Upper
152 100
151 20.8 13.8 20.6#



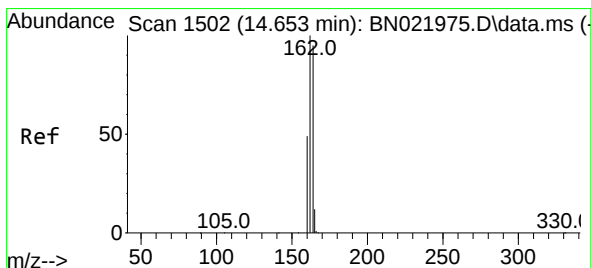
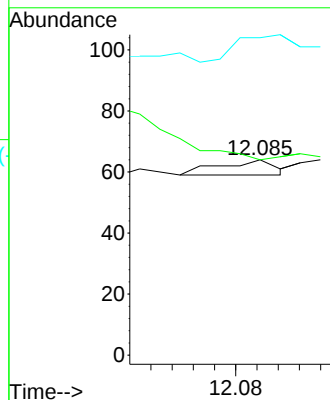
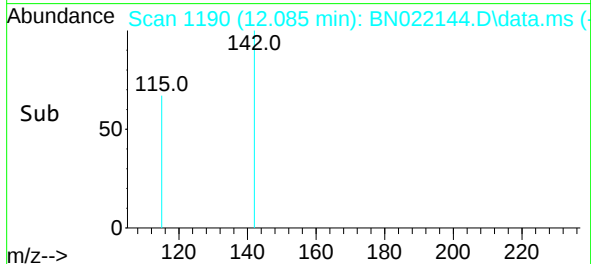


#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.085 min Scan# 1199
Delta R.T. -0.015 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

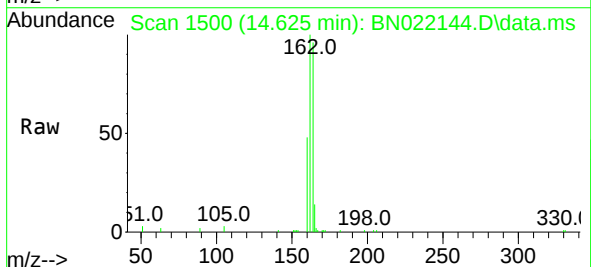
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-340-360-101222



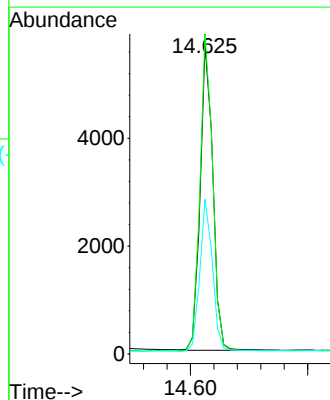
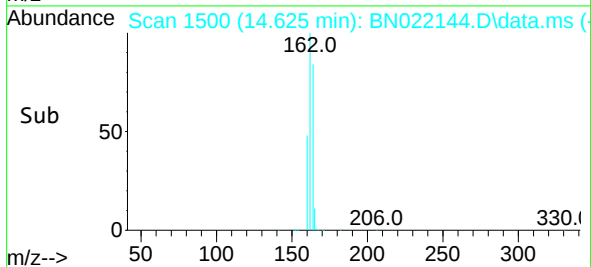
Tgt Ion:142 Resp: 4
Ion Ratio Lower Upper
142 100
141 100.0 13.6 20.4#
115 162.5 9.7 14.5#

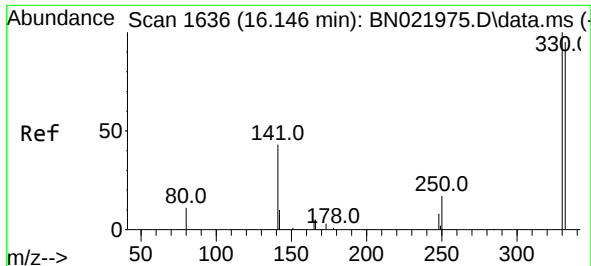


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.625 min Scan# 1500
Delta R.T. -0.007 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10



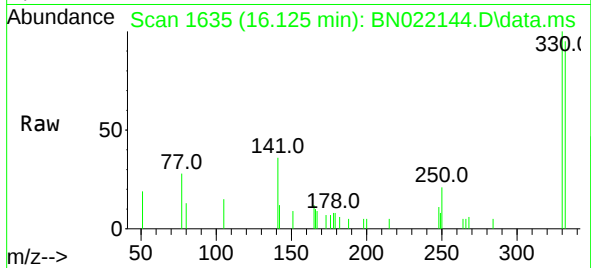
Tgt Ion:164 Resp: 8539
Ion Ratio Lower Upper
164 100
162 103.7 84.3 126.5
160 50.1 41.7 62.5



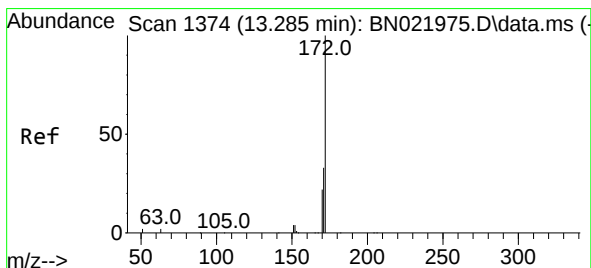
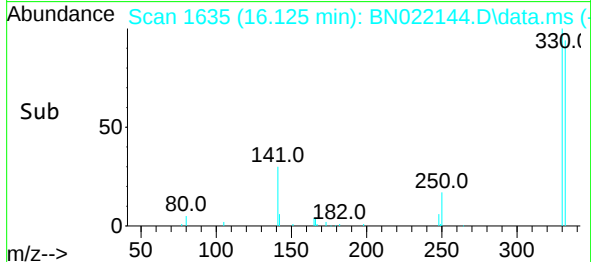
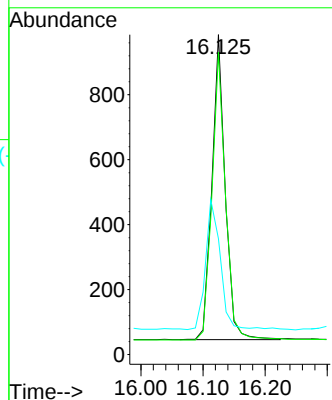


#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 16.125 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

Instrument :
BNA_N
ClientSampleId :
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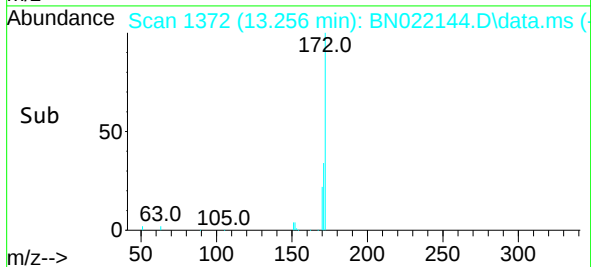
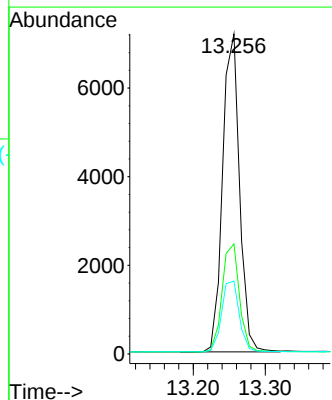
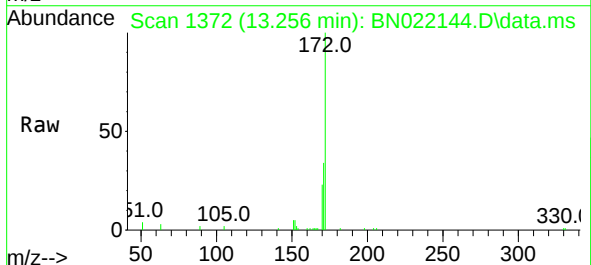


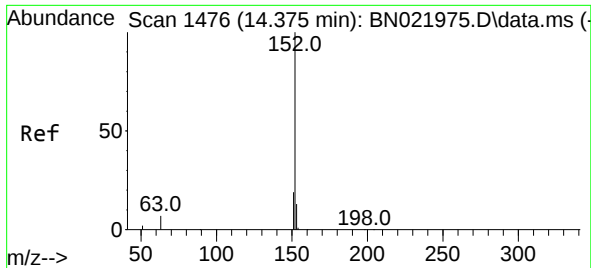
Tgt Ion:330 Resp: 1395
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 47.6 35.3 52.9



#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.256 min Scan# 1372
Delta R.T. -0.007 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

Tgt Ion:172 Resp: 11669
Ion Ratio Lower Upper
172 100
171 34.4 27.2 40.8
170 22.8 18.3 27.5

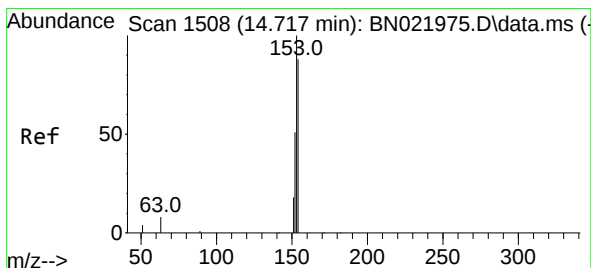
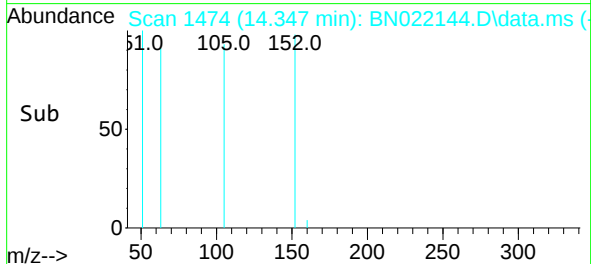
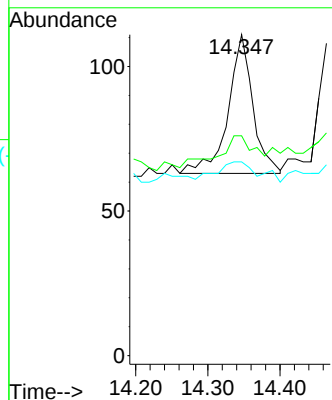
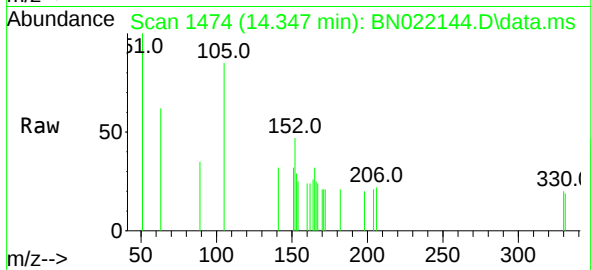




#16
Acenaphthylene
Concen: 0.003 ng
RT: 14.347 min Scan# 1474
Delta R.T. -0.007 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

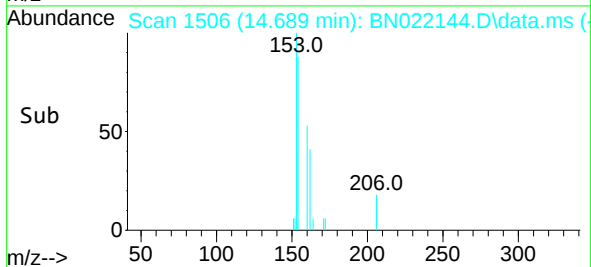
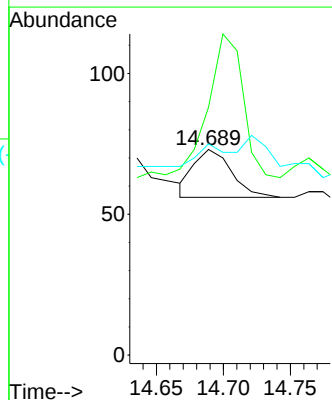
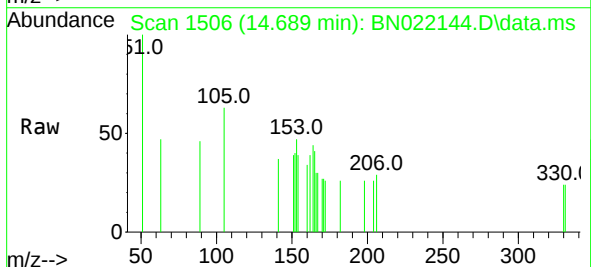
Instrument :
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GWOW-BR-01-340-360-101222

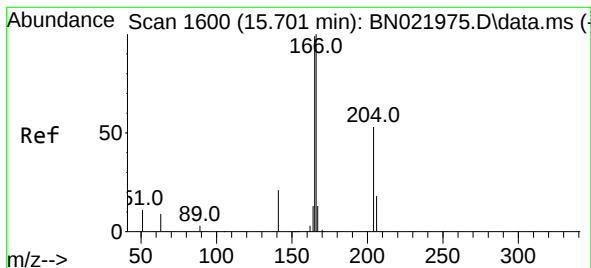
Tgt Ion:152 Resp: 115
Ion Ratio Lower Upper
152 100
151 42.6 15.5 23.3#
153 24.3 10.4 15.6#



#17
Acenaphthene
Concen: 0.001 ng
RT: 14.689 min Scan# 1506
Delta R.T. -0.007 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

Tgt Ion:154 Resp: 33
Ion Ratio Lower Upper
154 100
153 293.9 92.1 138.1#
152 0.0 47.8 71.6#





#18

Fluorene

Concen: 0.003 ng

RT: 15.683 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN022144.D

Acq: 17 Oct 2022 10:10

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-01-340-360-101222

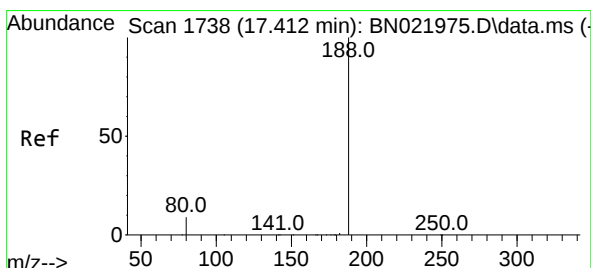
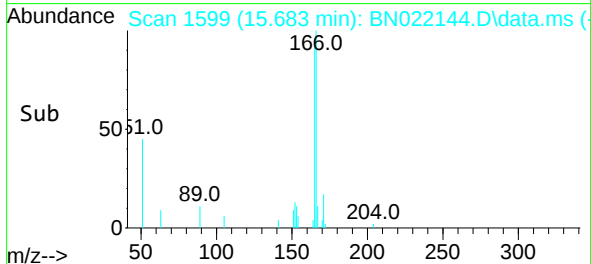
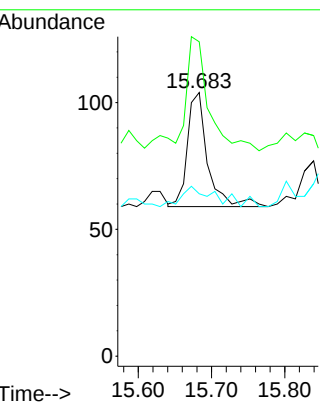
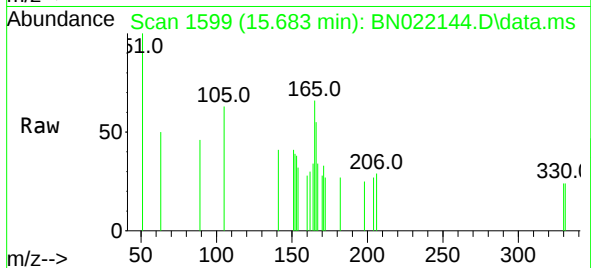
Tgt Ion:166 Resp: 91

Ion Ratio Lower Upper

166 100

165 123.1 80.0 120.0#

167 0.0 10.9 16.3#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.378 min Scan# 1736

Delta R.T. -0.009 min

Lab File: BN022144.D

Acq: 17 Oct 2022 10:10

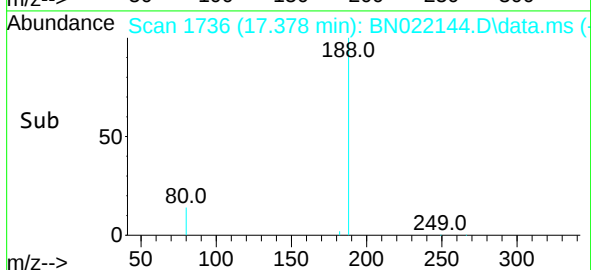
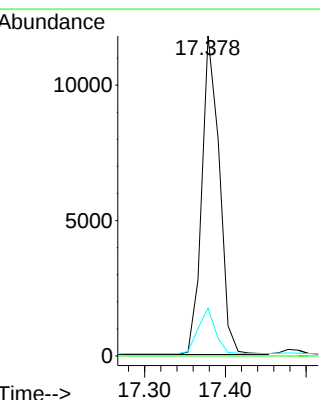
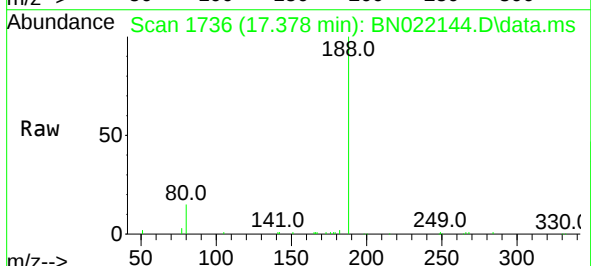
Tgt Ion:188 Resp: 17803

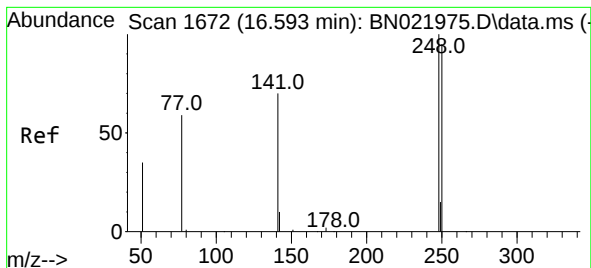
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.0 7.5 11.3#

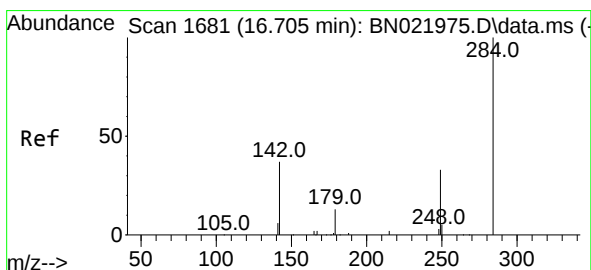
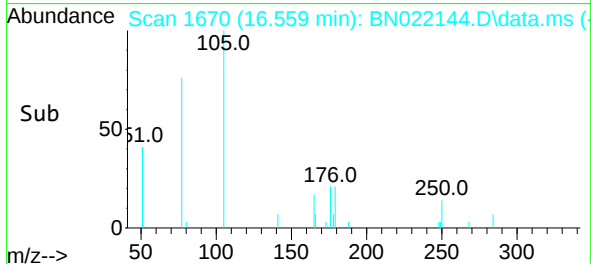
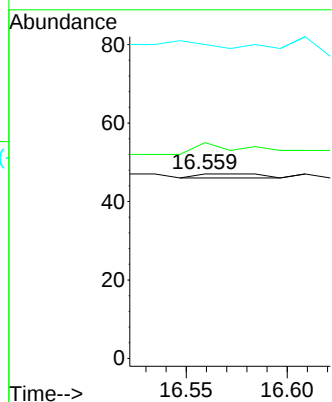
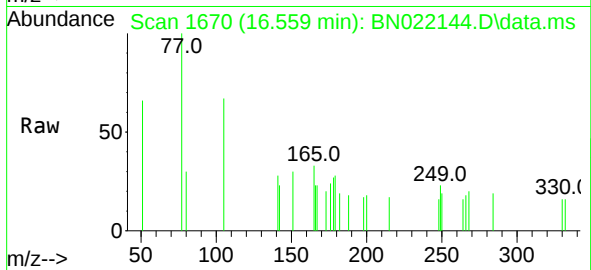




#21
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.559 min Scan# 1670
Delta R.T. -0.021 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

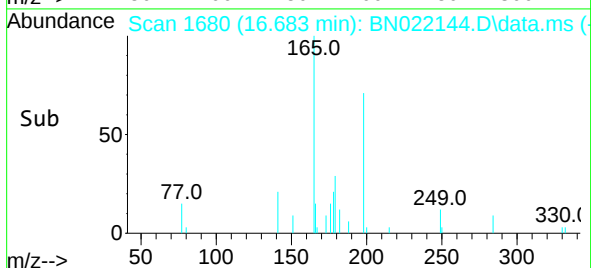
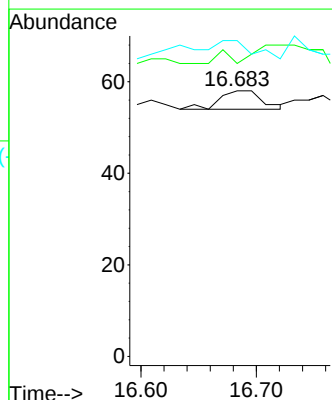
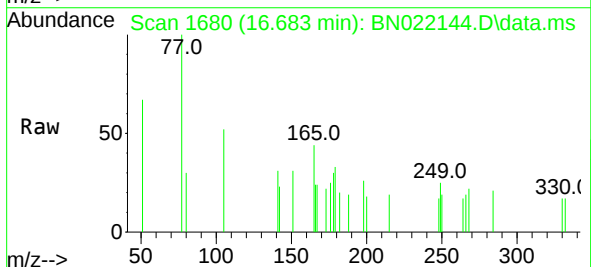
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-340-360-101222

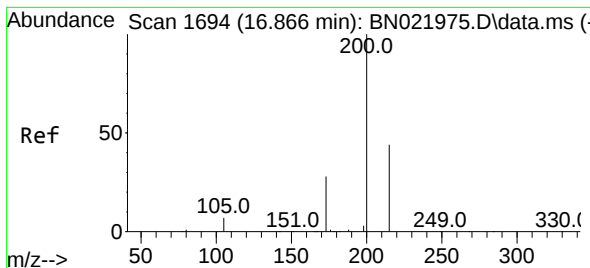
Tgt Ion:248 Resp: 2
Ion Ratio Lower Upper
248 100
250 117.0 76.6 114.8#
141 170.2 57.5 86.3#



#22
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.683 min Scan# 1680
Delta R.T. -0.009 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

Tgt Ion:284 Resp: 10
Ion Ratio Lower Upper
284 100
142 0.0 33.4 50.0#
249 80.0 25.1 37.7#





#23

Atrazine

Concen: 0.001 ng

RT: 16.845 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN022144.D

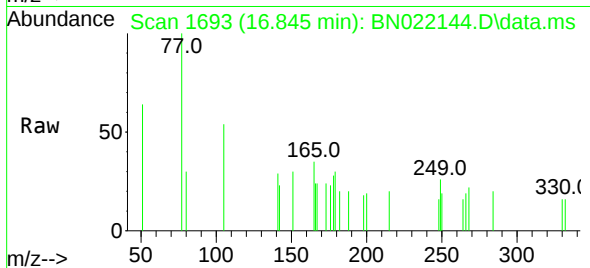
Acq: 17 Oct 2022 10:10

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-01-340-360-101222



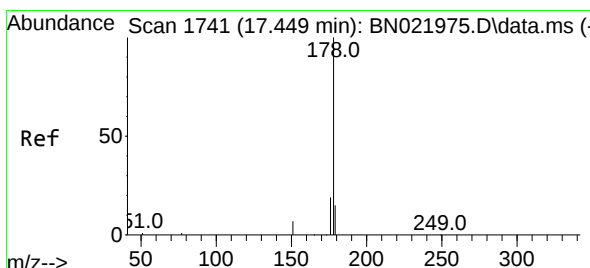
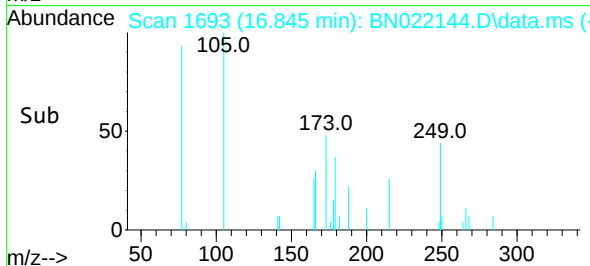
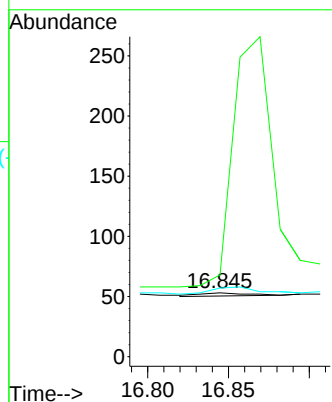
Tgt Ion:200 Resp: 6

Ion Ratio Lower Upper

200 100

173 128.3 24.6 36.8#

215 107.5 37.1 55.7#



#25

Phenanthrene

Concen: 0.007 ng

RT: 17.428 min Scan# 1740

Delta R.T. 0.004 min

Lab File: BN022144.D

Acq: 17 Oct 2022 10:10

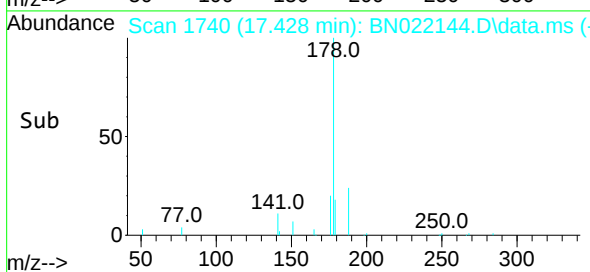
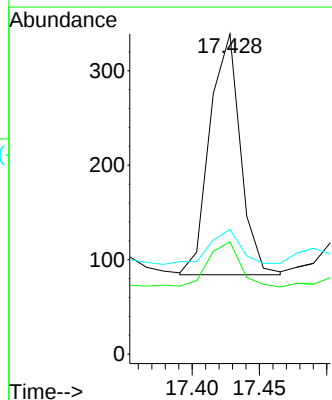
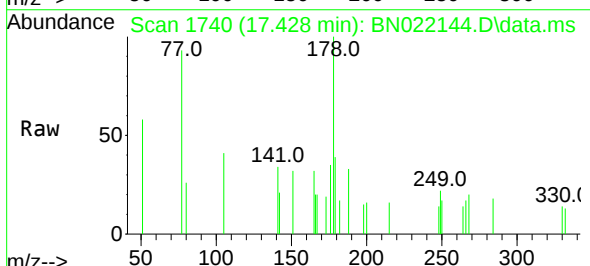
Tgt Ion:178 Resp: 404

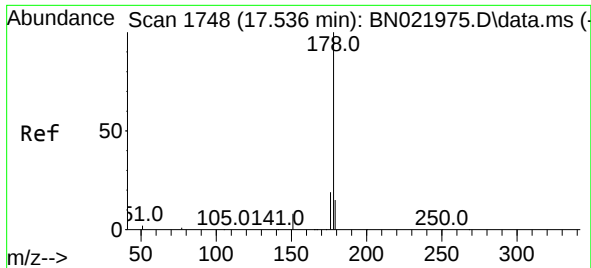
Ion Ratio Lower Upper

178 100

176 20.8 15.4 23.0

179 14.6 12.2 18.2

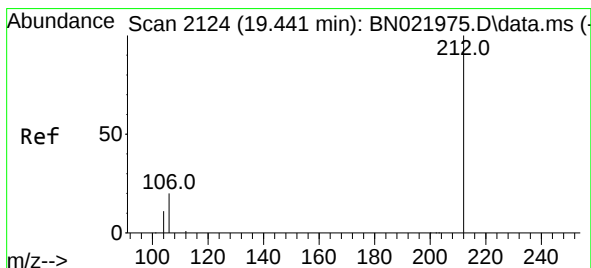
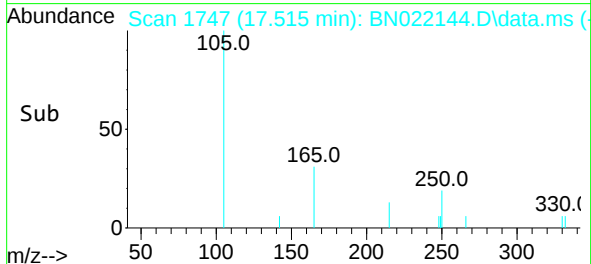
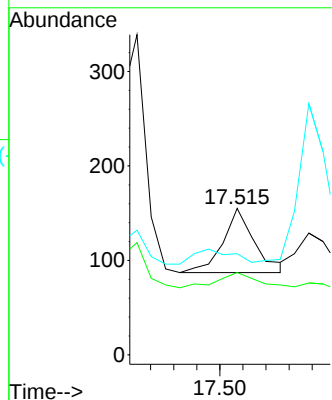
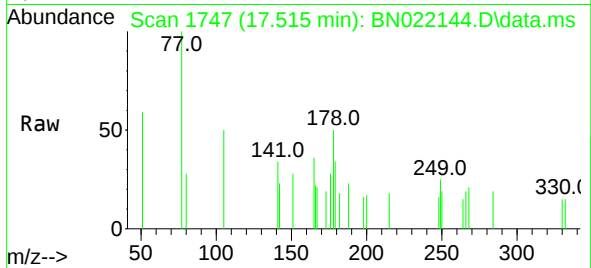




#26
 Anthracene
 Concen: 0.003 ng
 RT: 17.515 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BN022144.D
 Acq: 17 Oct 2022 10:10

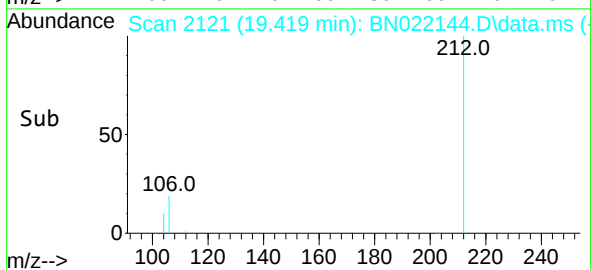
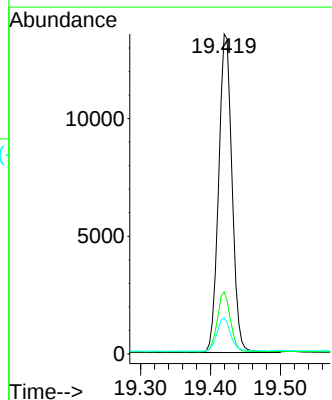
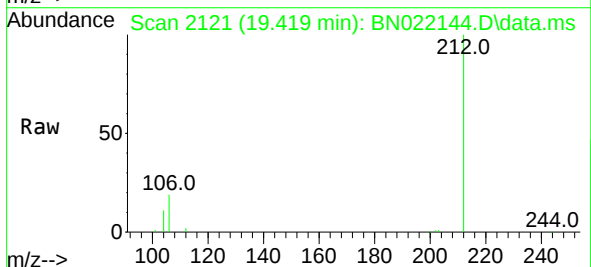
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-01-340-360-101222

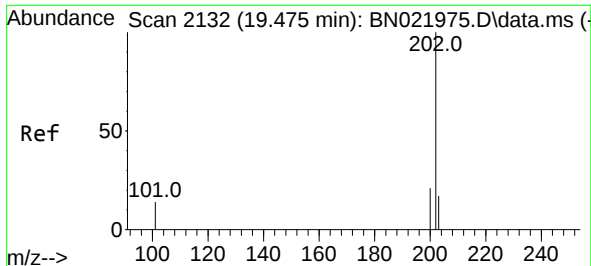
Tgt Ion:178 Resp: 130
 Ion Ratio Lower Upper
 178 100
 176 29.2 14.8 22.2#
 179 0.0 12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.381 ng
 RT: 19.419 min Scan# 2121
 Delta R.T. -0.009 min
 Lab File: BN022144.D
 Acq: 17 Oct 2022 10:10

Tgt Ion:212 Resp: 18018
 Ion Ratio Lower Upper
 212 100
 106 18.4 15.2 22.8
 104 10.5 8.6 13.0

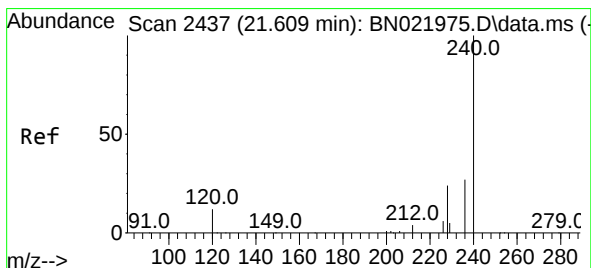
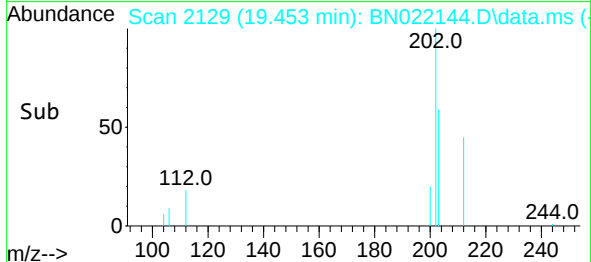
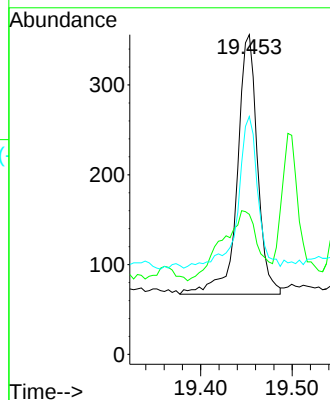
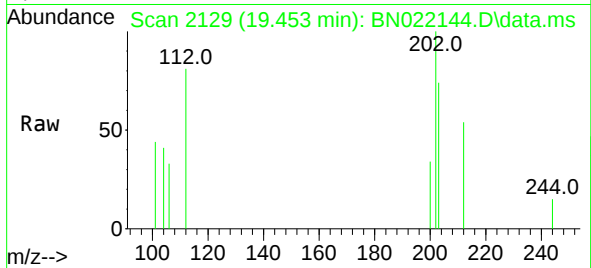




#28
Fluoranthene
Concen: 0.007 ng
RT: 19.453 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

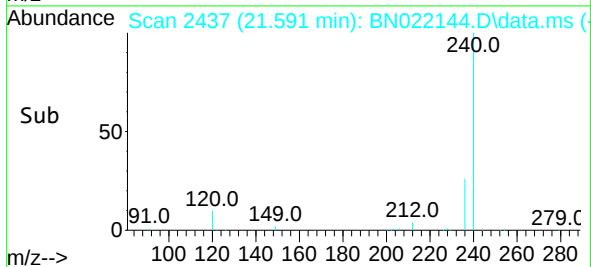
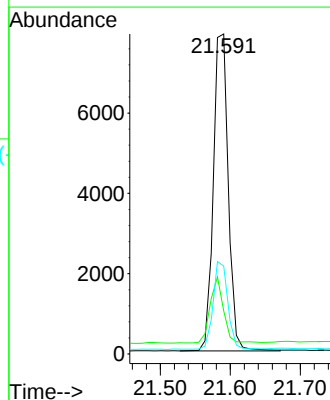
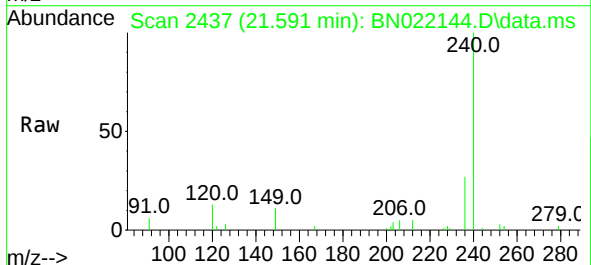
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-340-360-101222

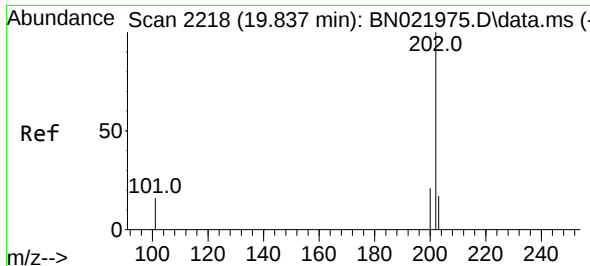
Tgt Ion:202 Resp: 444
Ion Ratio Lower Upper
202 100
101 48.2 11.4 17.0#
203 57.7 13.5 20.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.591 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

Tgt Ion:240 Resp: 11697
Ion Ratio Lower Upper
240 100
120 13.4 11.8 17.6
236 27.4 22.4 33.6

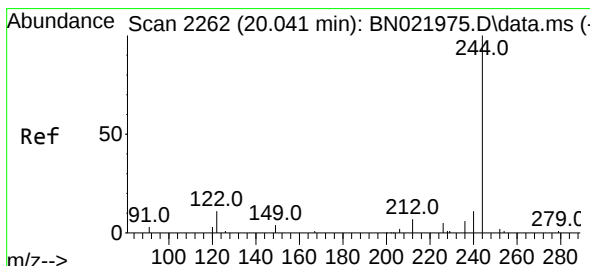
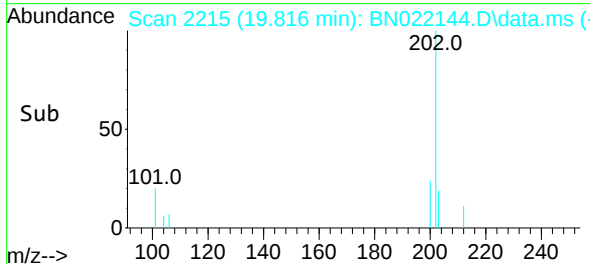
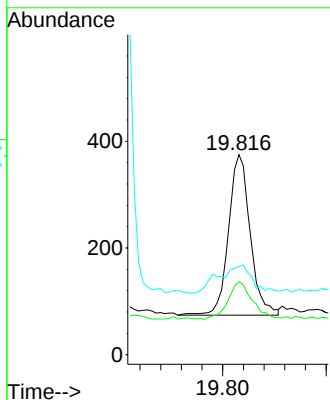
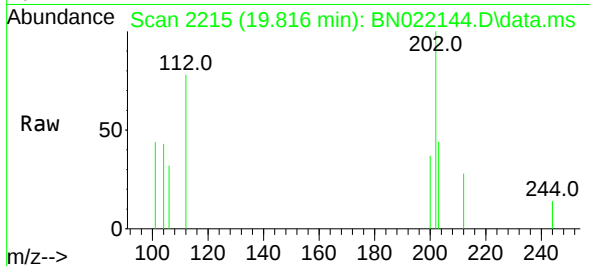




#30
Pyrene
Concen: 0.009 ng
RT: 19.816 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

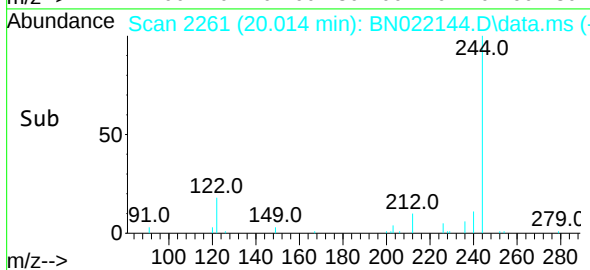
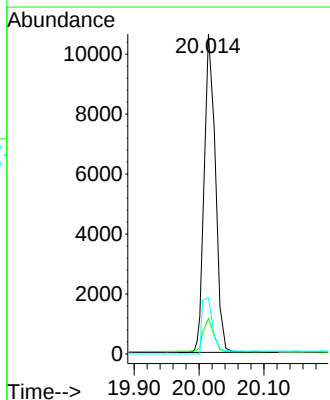
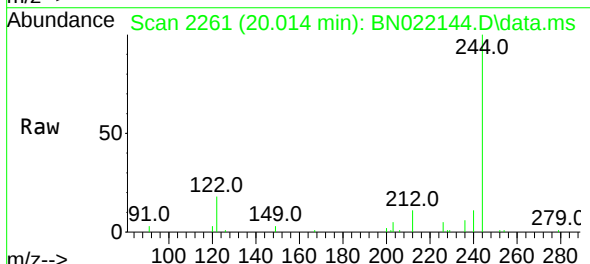
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-340-360-101222

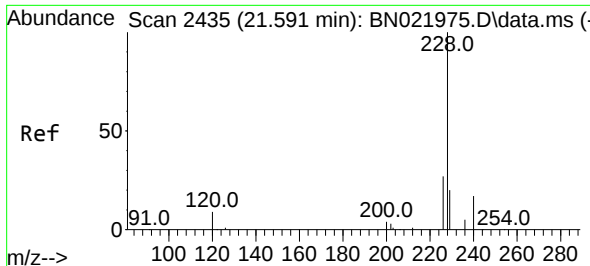
Tgt Ion:202 Resp: 439
Ion Ratio Lower Upper
202 100
200 26.4 16.6 25.0#
203 27.8 14.1 21.1#



#31
Terphenyl-d14
Concen: 0.460 ng
RT: 20.014 min Scan# 2261
Delta R.T. -0.009 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

Tgt Ion:244 Resp: 10808
Ion Ratio Lower Upper
244 100
212 11.0 6.5 9.7#
122 17.6 9.1 13.7#

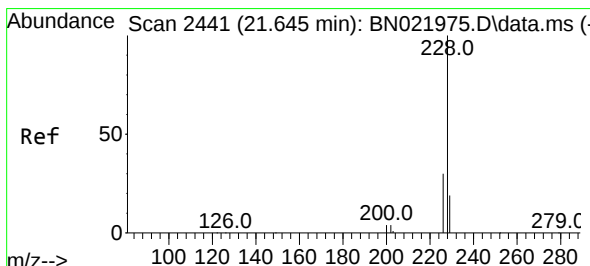
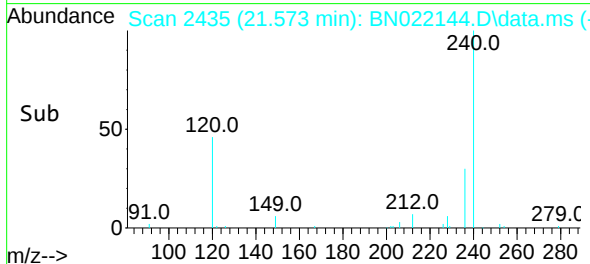
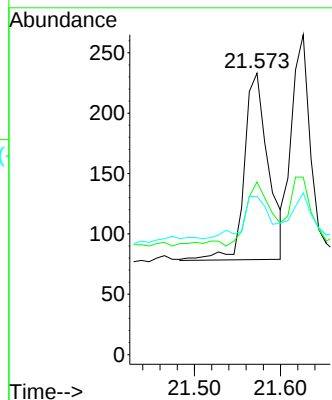
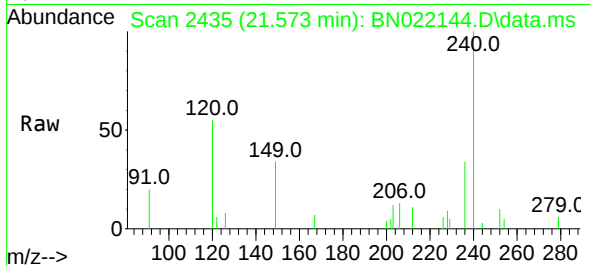




#32
Benzo(a)anthracene
Concen: 0.007 ng
RT: 21.573 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

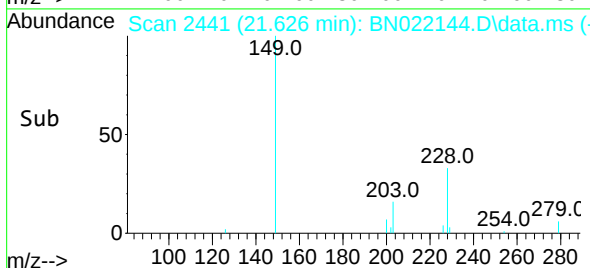
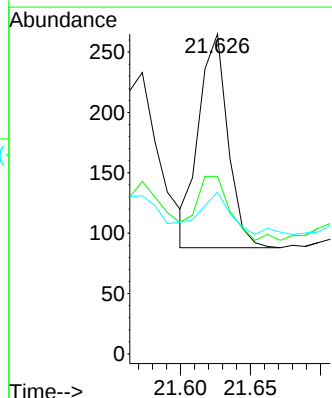
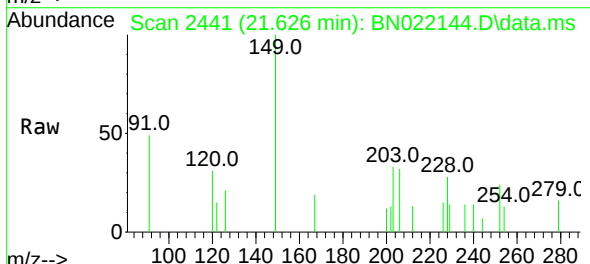
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-340-360-101222

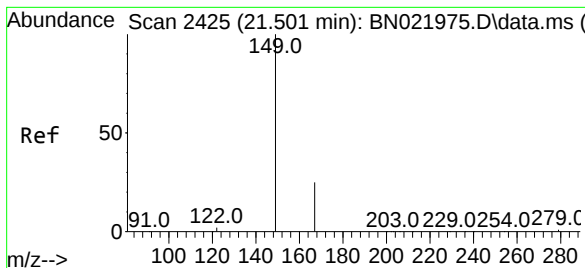
Tgt Ion:228 Resp: 299
Ion Ratio Lower Upper
228 100
226 61.4 22.2 33.4#
229 56.2 16.2 24.2#



#33
Chrysene
Concen: 0.005 ng
RT: 21.626 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

Tgt Ion:228 Resp: 257
Ion Ratio Lower Upper
228 100
226 55.5 24.2 36.2#
229 50.6 15.8 23.6#

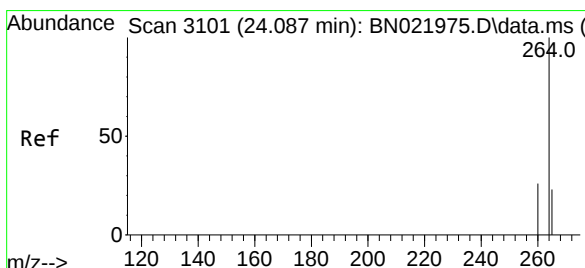
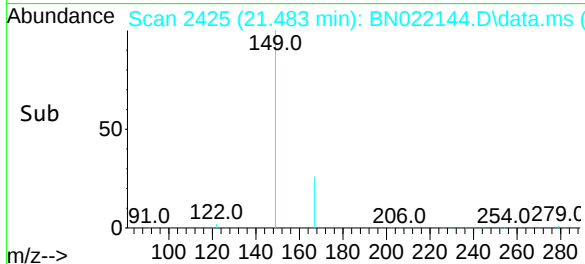
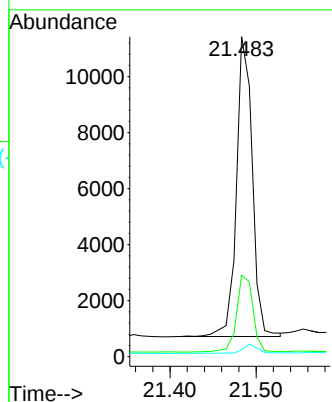
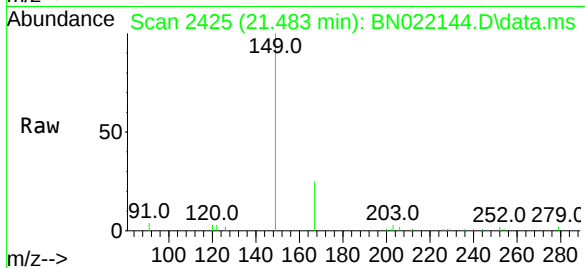




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.649 ng
 RT: 21.483 min Scan# 2425
 Delta R.T. -0.009 min
 Lab File: BN022144.D
 Acq: 17 Oct 2022 10:10

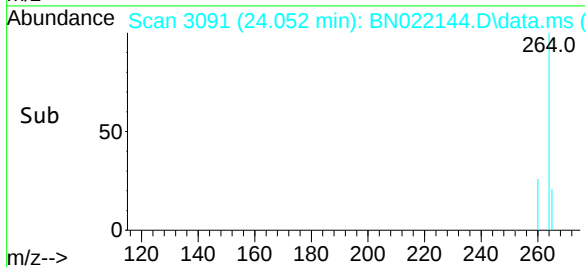
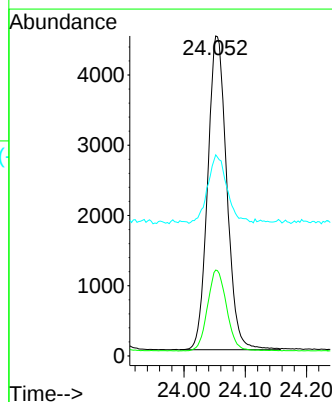
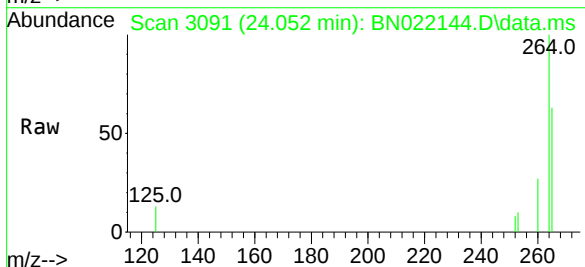
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-01-340-360-101222

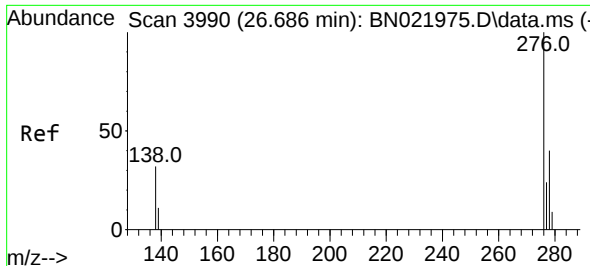
Tgt Ion:149 Resp: 13694
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.2 30.4
 279 3.0 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.052 min Scan# 3091
 Delta R.T. -0.009 min
 Lab File: BN022144.D
 Acq: 17 Oct 2022 10:10

Tgt Ion:264 Resp: 9672
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.3 31.9
 265 62.9 63.0 94.4#

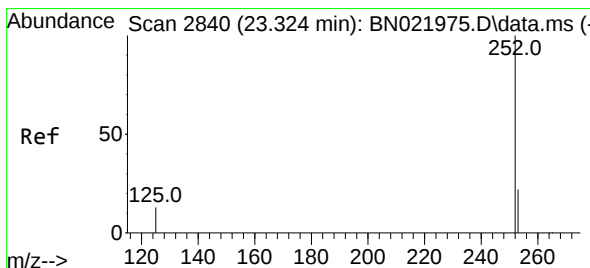
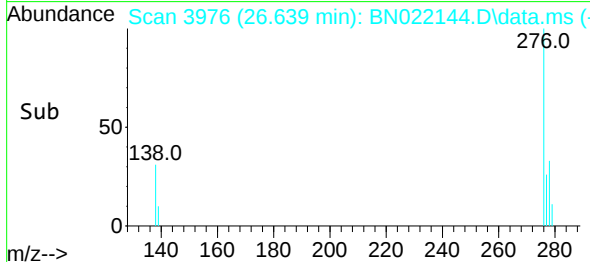
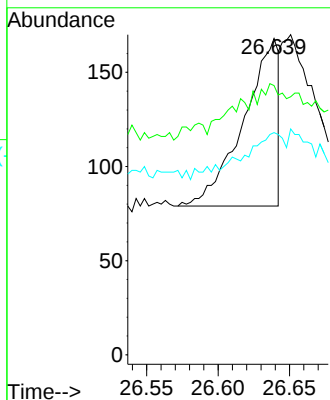
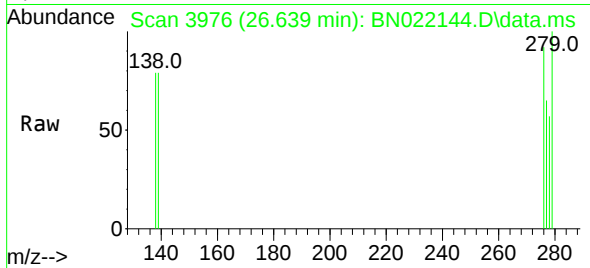




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 26.639 min Scan# 3990
Delta R.T. -0.012 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

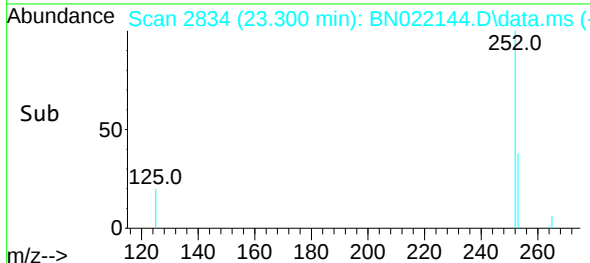
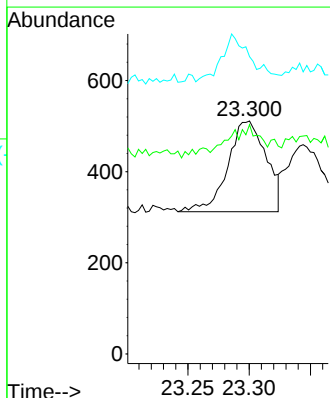
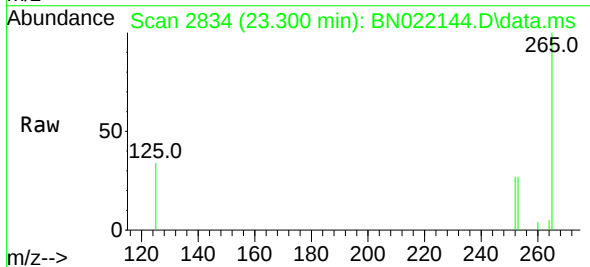
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-340-360-101222

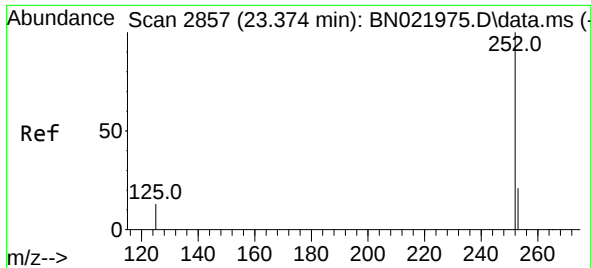
Tgt Ion:276 Resp: 151
Ion Ratio Lower Upper
276 100
138 9.9 28.0 42.0#
277 35.1 19.8 29.8#



#37
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 23.300 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

Tgt Ion:252 Resp: 437
Ion Ratio Lower Upper
252 100
253 98.4 20.6 31.0#
125 127.6 15.6 23.4#

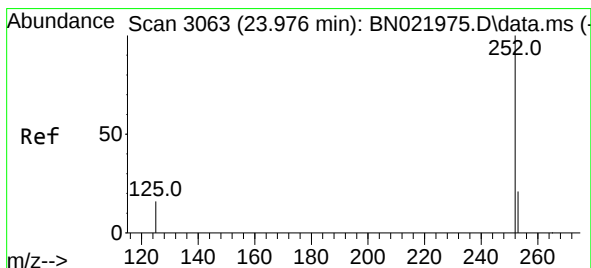
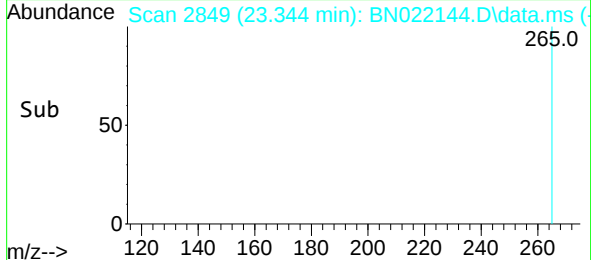
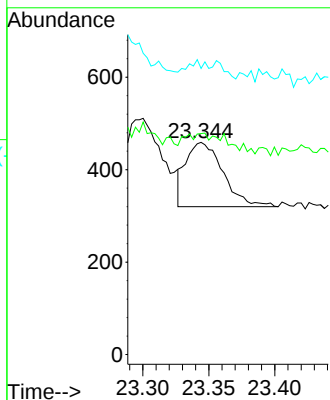
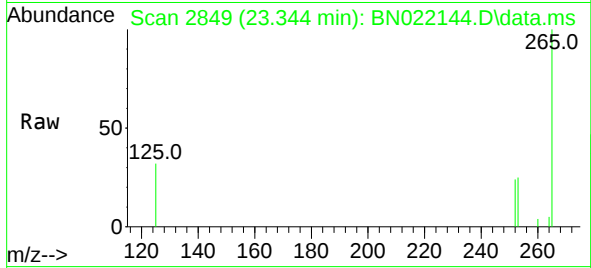




#38
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 23.344 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

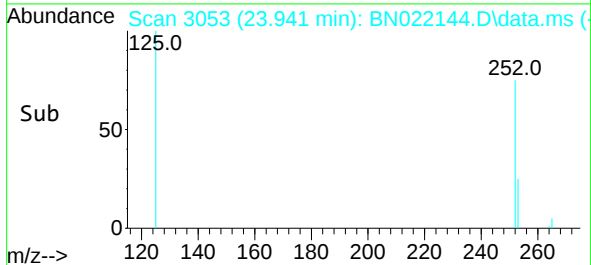
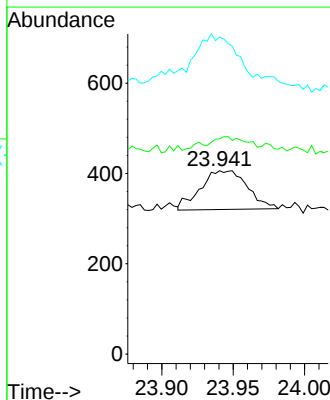
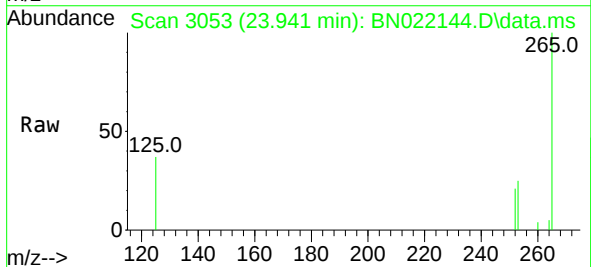
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-01-340-360-101222

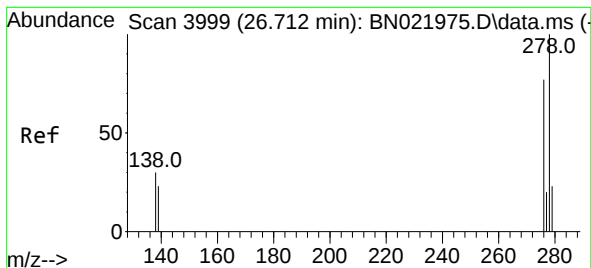
Tgt Ion:252 Resp: 272
Ion Ratio Lower Upper
252 100
253 104.1 20.4 30.6#
125 134.9 15.8 23.6#



#39
Benzo(a)pyrene
Concen: 0.006 ng
RT: 23.941 min Scan# 3053
Delta R.T. -0.009 min
Lab File: BN022144.D
Acq: 17 Oct 2022 10:10

Tgt Ion:252 Resp: 195
Ion Ratio Lower Upper
252 100
253 117.5 23.2 34.8#
125 172.9 21.1 31.7#





#40

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 26.660 min Scan# 3999

Delta R.T. -0.009 min

Lab File: BN022144.D

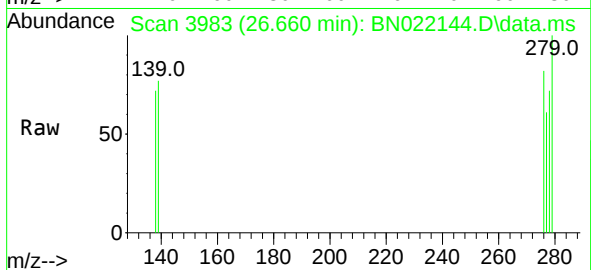
Acq: 17 Oct 2022 10:10

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-01-340-360-101222



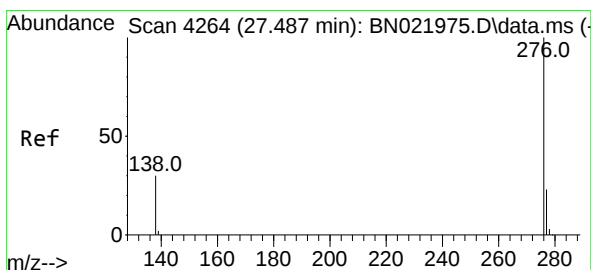
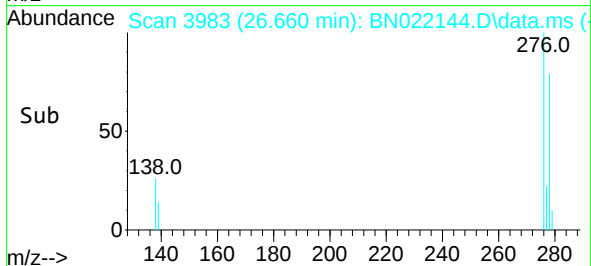
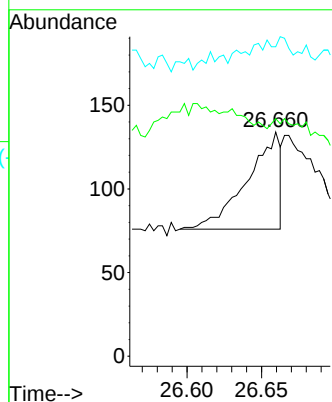
Tgt Ion:278 Resp: 90

Ion Ratio Lower Upper

278 100

139 106.0 19.9 29.9#

279 138.1 21.9 32.9#



#41

Benzo(g,h,i)perylene

Concen: 0.007 ng

RT: 27.446 min Scan# 4252

Delta R.T. -0.000 min

Lab File: BN022144.D

Acq: 17 Oct 2022 10:10

Tgt Ion:276 Resp: 307

Ion Ratio Lower Upper

276 100

277 71.0 20.0 30.0#

138 84.6 25.2 37.8#

