

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100622\
 Data File : BN022021.D
 Acq On : 06 Oct 2022 16:30
 Operator : CG/JU
 Sample : N5005-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-255-275-100422

Quant Time: Oct 07 00:40:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 01:32:21 2022
 Response via : Initial Calibration

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

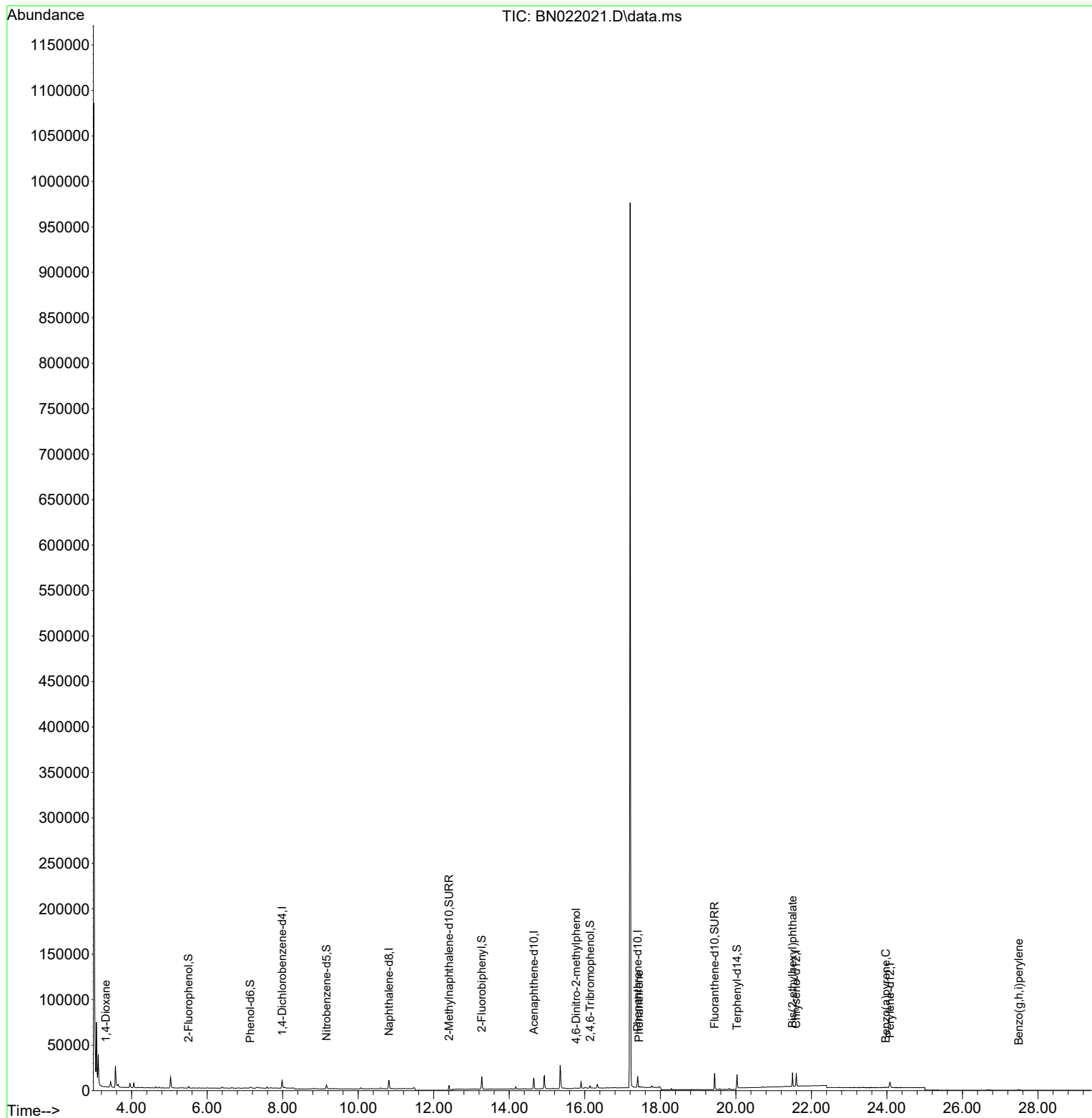
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	4249	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	13519	0.400	ng	0.00
13) Acenaphthene-d10	14.653	164	7308	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	15028	0.400	ng	#-0.01
29) Chrysene-d12	21.600	240	12061	0.400	ng	# 0.00
35) Perylene-d12	24.081	264	9174	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.508	112	1568	0.159	ng	0.00
5) Phenol-d6	7.141	99	1223	0.096	ng	0.00
8) Nitrobenzene-d5	9.161	82	3933	0.362	ng	0.00
11) 2-Methylnaphthalene-d10	12.406	152	8578	0.345	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	1385	0.497	ng	0.00
15) 2-Fluorobiphenyl	13.274	172	11517	0.361	ng	-0.01
27) Fluoranthene-d10	19.437	212	18041	0.452	ng	0.00
31) Terphenyl-d14	20.033	244	11480	0.473	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.313	88	116	0.021	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.774	198	26	0.201	ng	# 1
25) Phenanthrene	17.437	178	1163	0.023	ng	96
34) Bis(2-ethylhexyl)phtha...	21.501	149	12873	0.592	ng	99
39) Benzo(a)pyrene	23.967	252	880	0.027	ng	# 1
41) Benzo(g,h,i)perylene	27.490	276	1057	0.026	ng	# 66

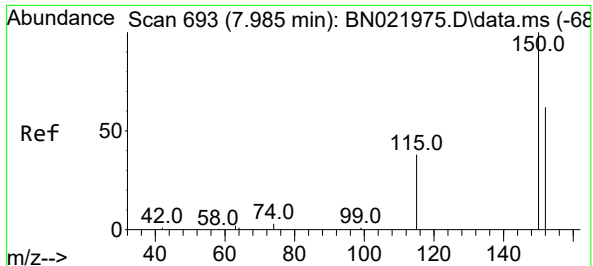
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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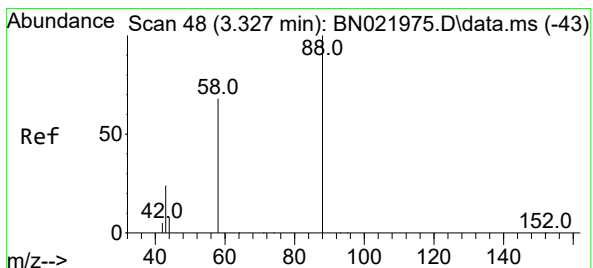
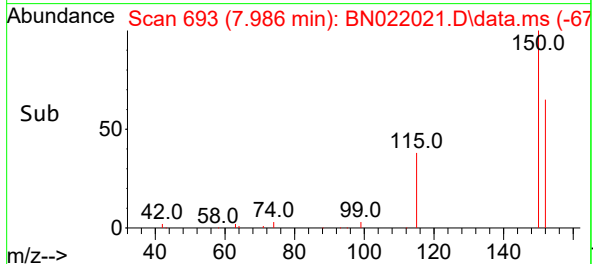
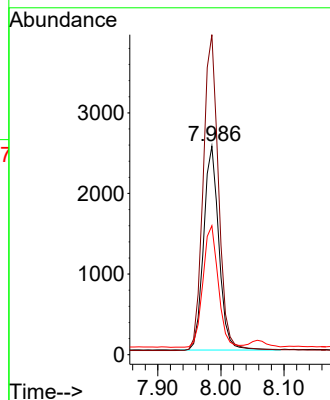
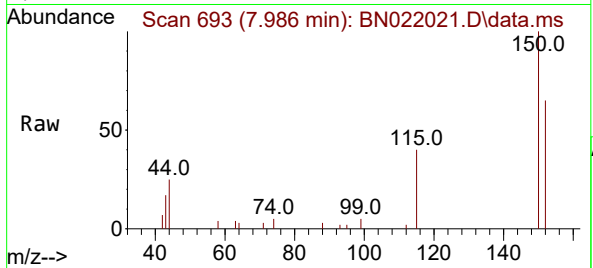




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.986 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN022021.D
 Acq: 06 Oct 2022 16:30

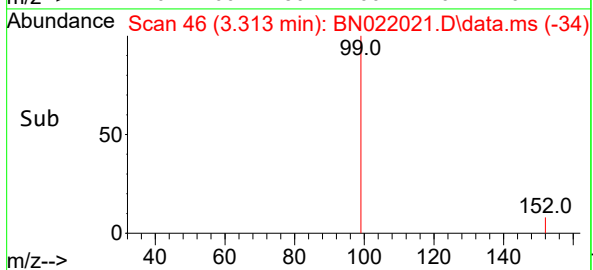
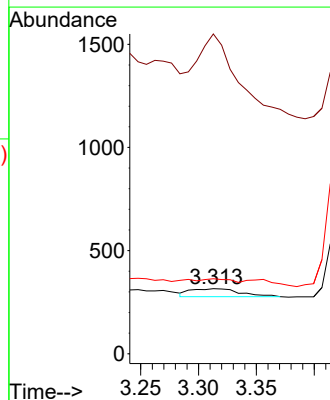
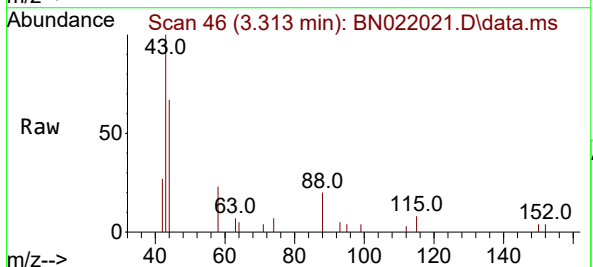
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-255-275-100422

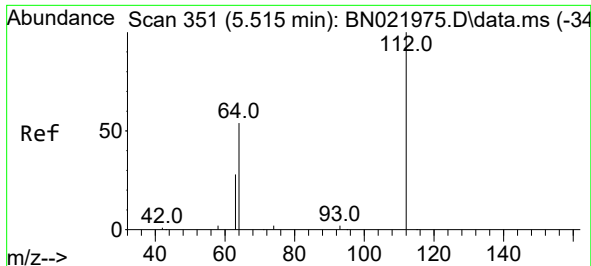
Tgt Ion: 152 Resp: 4249
 Ion Ratio Lower Upper
 152 100
 150 153.5 127.2 190.8
 115 61.8 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.313 min Scan# 46
 Delta R.T. -0.014 min
 Lab File: BN022021.D
 Acq: 06 Oct 2022 16:30

Tgt Ion: 88 Resp: 116
 Ion Ratio Lower Upper
 88 100
 43 641.4 22.6 34.0#
 58 0.0 58.6 88.0#

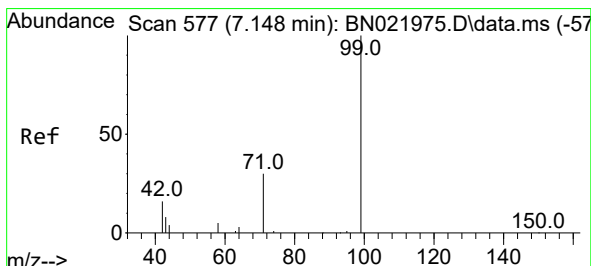
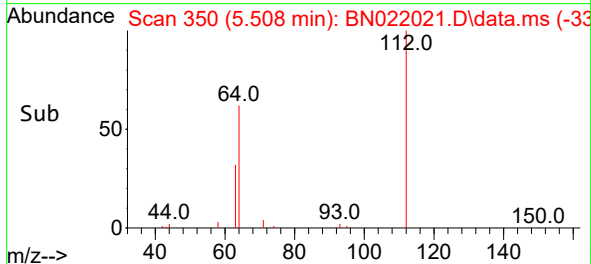
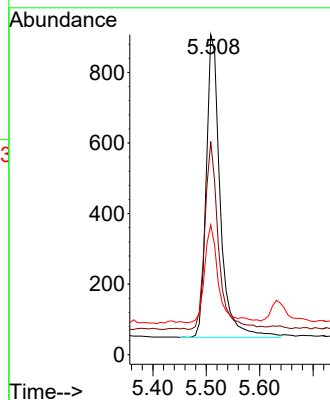
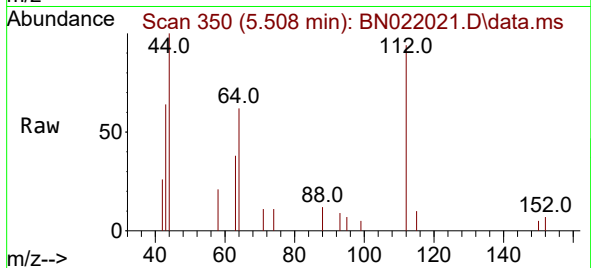




#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.508 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

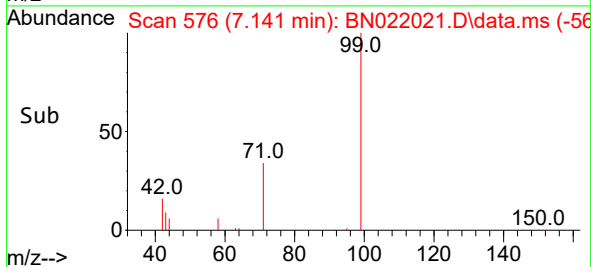
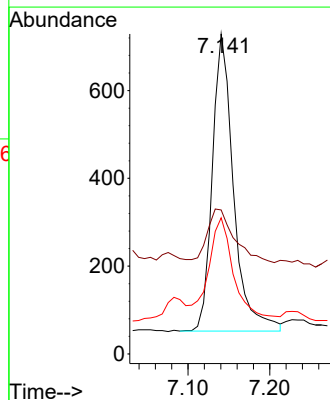
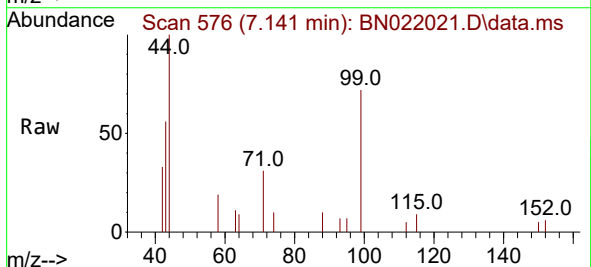
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-255-275-100422

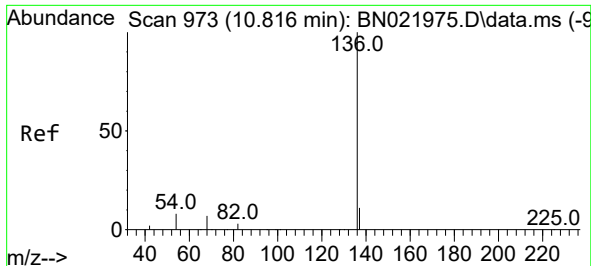
Tgt Ion:112 Resp: 1568
Ion Ratio Lower Upper
112 100
64 60.2 46.9 70.3
63 32.0 24.6 37.0



#5
Phenol-d6
Concen: 0.096 ng
RT: 7.141 min Scan# 576
Delta R.T. -0.007 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

Tgt Ion: 99 Resp: 1223
Ion Ratio Lower Upper
99 100
42 22.7 15.9 23.9
71 38.5 25.6 38.4#

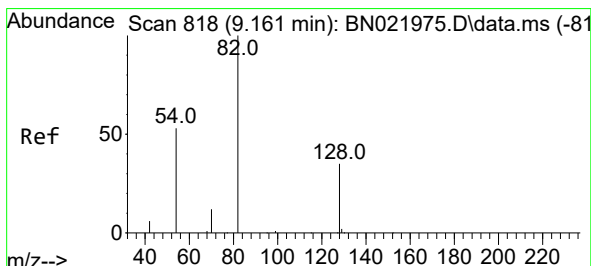
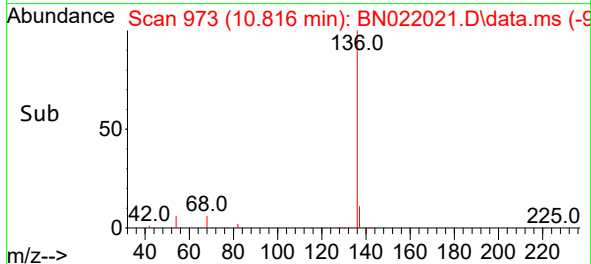
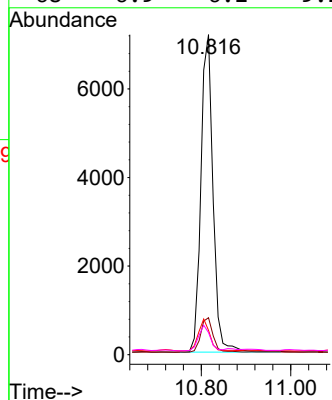
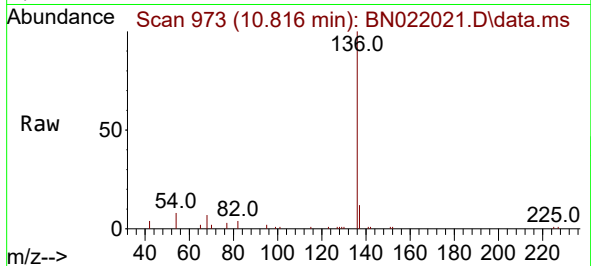




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

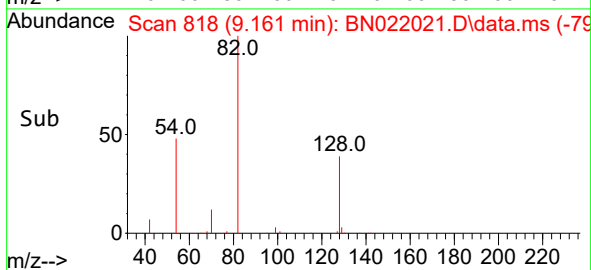
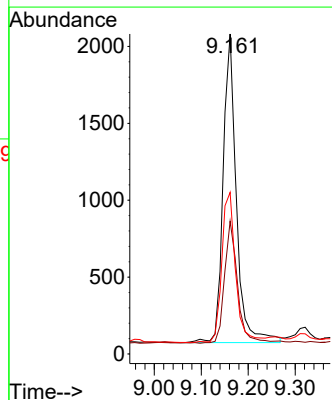
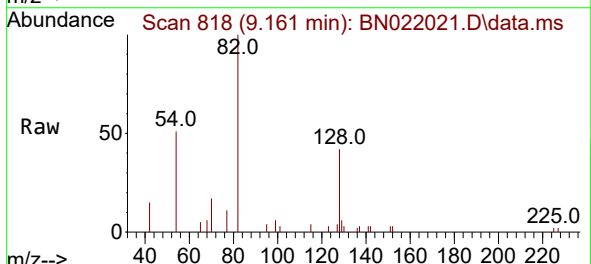
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-255-275-100422

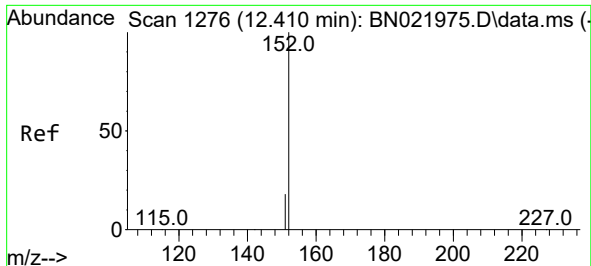
Tgt Ion:	136	Resp:	13519
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	7.6	7.1	10.7
68	6.9	6.2	9.2



#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 9.161 min Scan# 818
Delta R.T. 0.000 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

Tgt Ion:	82	Resp:	3933
Ion Ratio	Lower	Upper	
82	100		
128	41.5	29.9	44.9
54	50.5	43.5	65.3





#11

2-Methylnaphthalene-d10

Concen: 0.345 ng

RT: 12.406 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN022021.D

Acq: 06 Oct 2022 16:30

Instrument :

BNA_N

ClientSampleId :

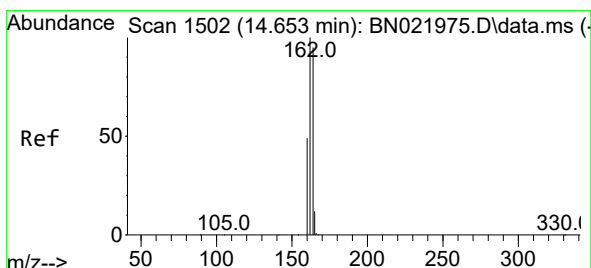
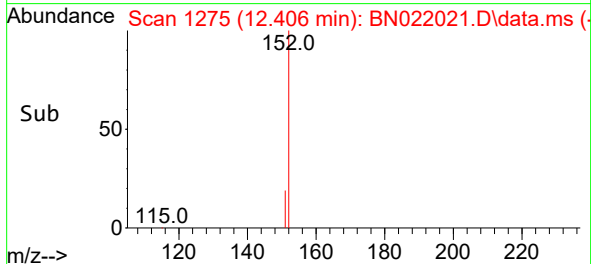
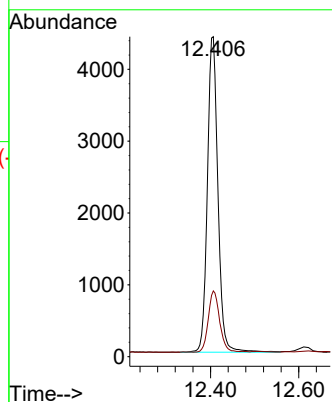
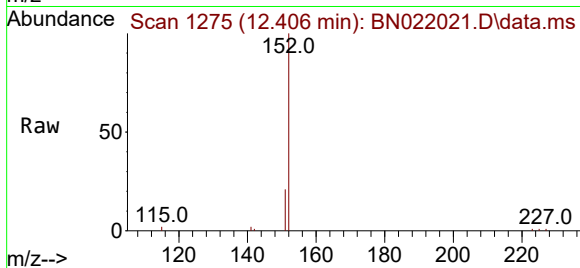
GWOW-BR-02-255-275-100422

Tgt Ion:152 Resp: 8578

Ion Ratio Lower Upper

152 100

151 17.7 13.8 20.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.653 min Scan# 1502

Delta R.T. 0.000 min

Lab File: BN022021.D

Acq: 06 Oct 2022 16:30

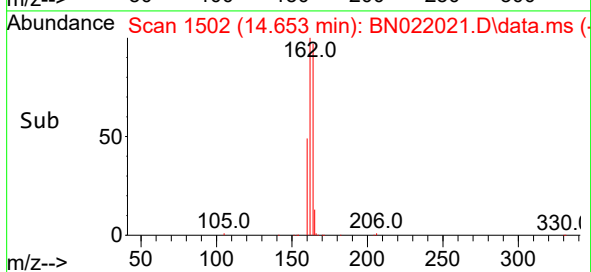
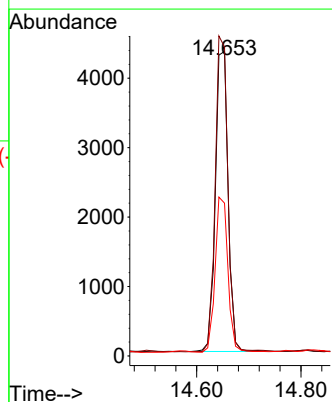
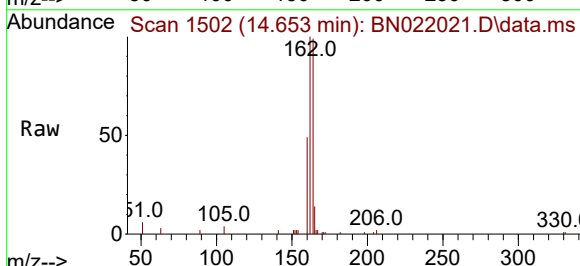
Tgt Ion:164 Resp: 7308

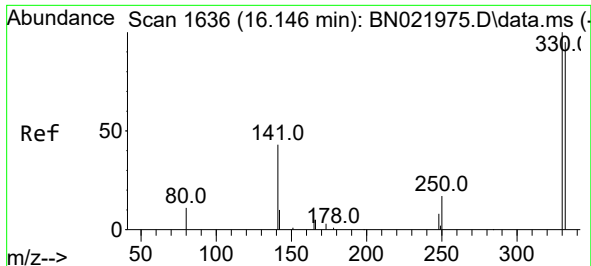
Ion Ratio Lower Upper

164 100

162 101.4 84.3 126.5

160 50.2 41.7 62.5

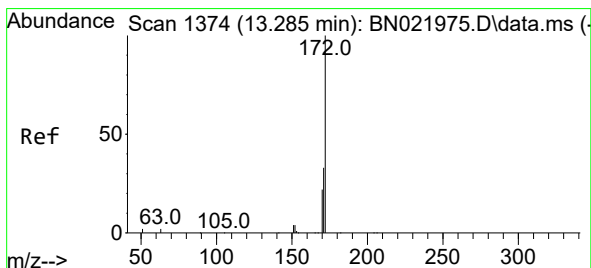
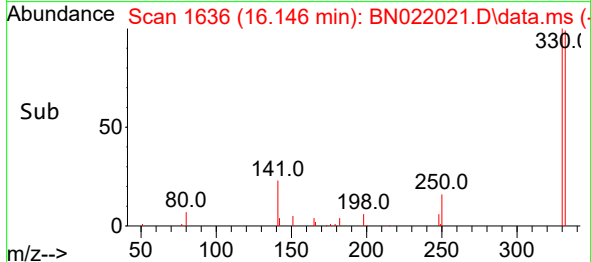
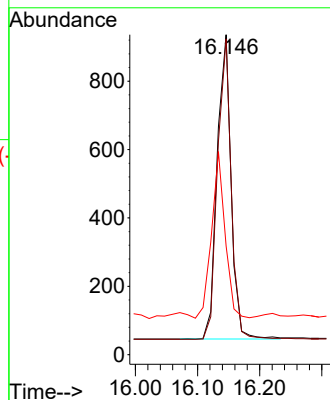
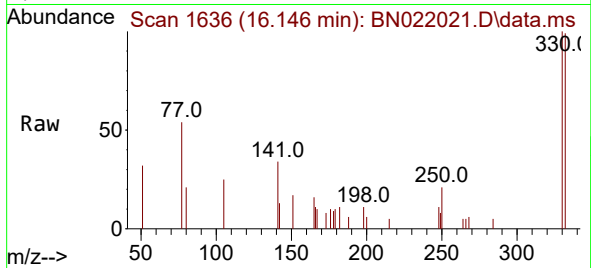




#14
2,4,6-Tribromophenol
Concen: 0.497 ng
RT: 16.146 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

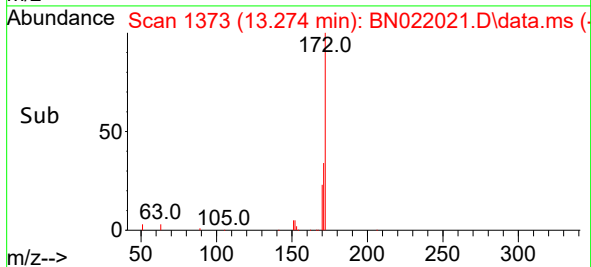
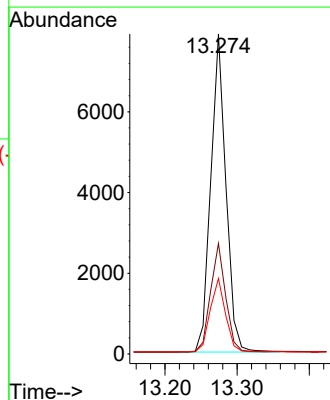
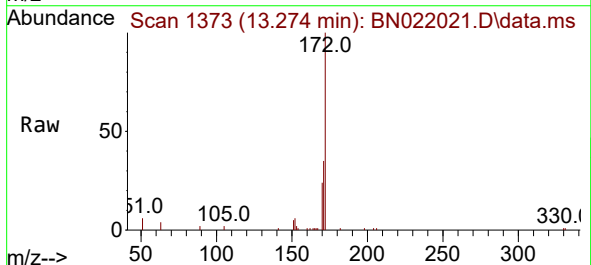
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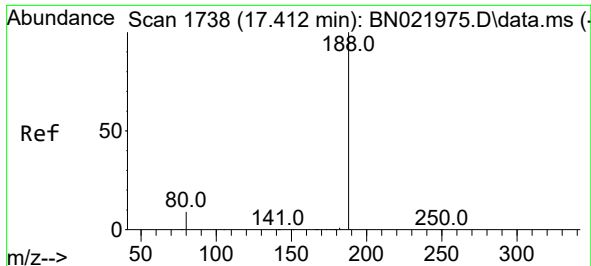
Tgt Ion: 330 Resp: 1385
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 53.0 35.3 52.9#



#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.274 min Scan# 1373
Delta R.T. -0.011 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

Tgt Ion: 172 Resp: 11517
Ion Ratio Lower Upper
172 100
171 34.6 27.2 40.8
170 23.6 18.3 27.5

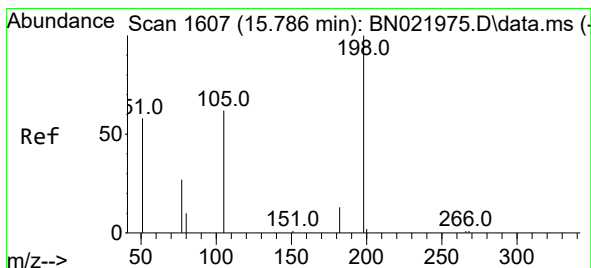
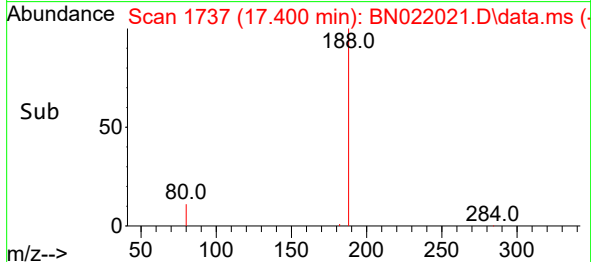
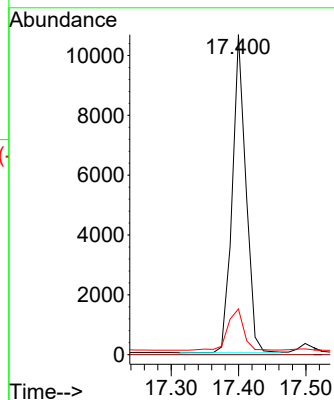
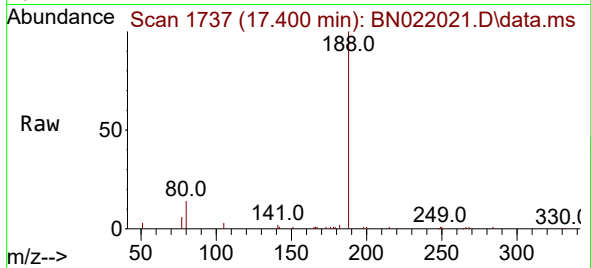




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

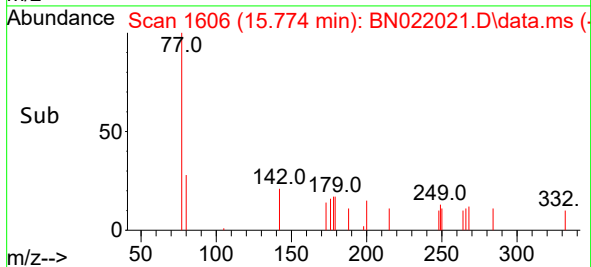
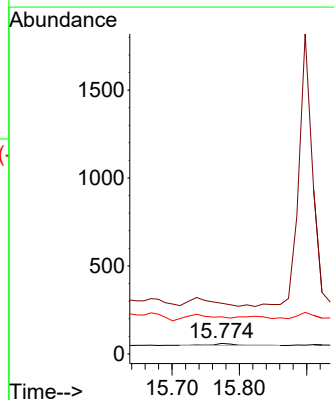
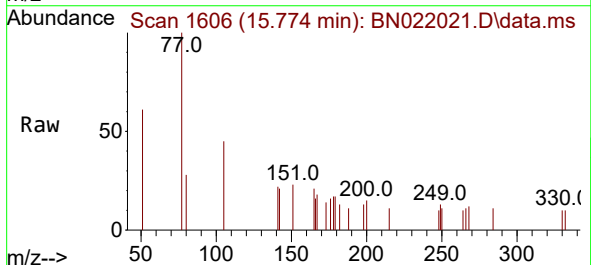
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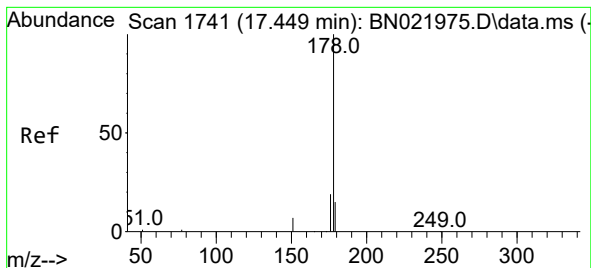
Tgt Ion:188 Resp: 15028
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 7.5 11.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.201 ng
RT: 15.774 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 480.0 96.6 144.8#
105 351.7 64.4 96.6#





#25

Phenanthrene

Concen: 0.023 ng

RT: 17.437 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN022021.D

Acq: 06 Oct 2022 16:30

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-02-255-275-100422

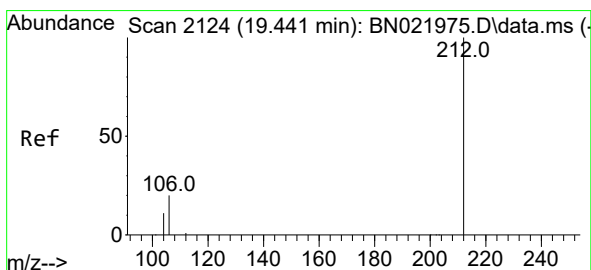
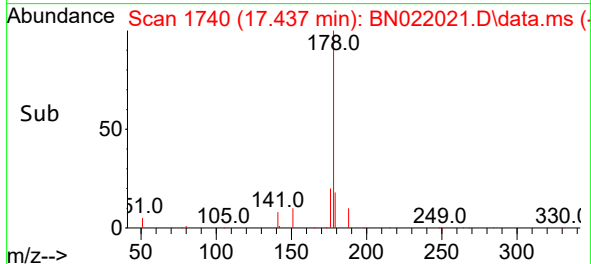
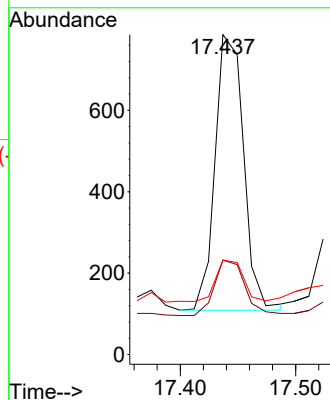
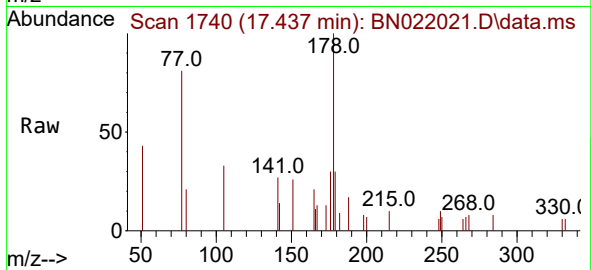
Tgt Ion:178 Resp: 1163

Ion Ratio Lower Upper

178 100

176 21.9 15.4 23.0

179 14.4 12.2 18.2



#27

Fluoranthene-d10

Concen: 0.452 ng

RT: 19.437 min Scan# 2123

Delta R.T. -0.004 min

Lab File: BN022021.D

Acq: 06 Oct 2022 16:30

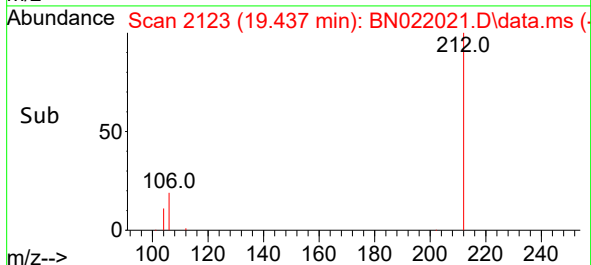
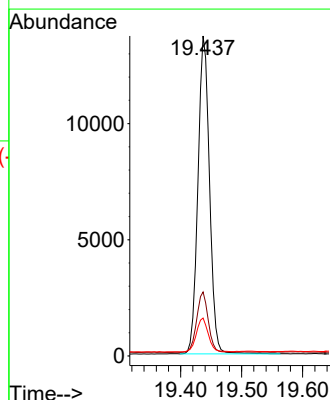
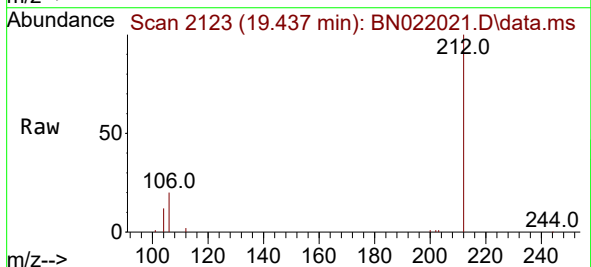
Tgt Ion:212 Resp: 18041

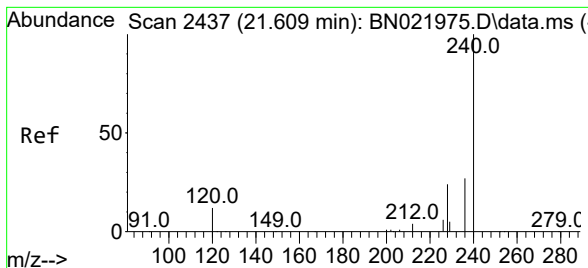
Ion Ratio Lower Upper

212 100

106 19.0 15.2 22.8

104 10.8 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.600 min Scan# 2437

Delta R.T. -0.009 min

Lab File: BN022021.D

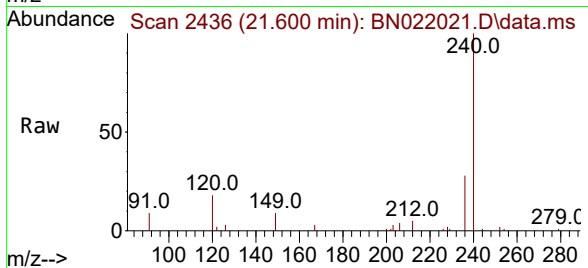
Acq: 06 Oct 2022 16:30

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-02-255-275-100422



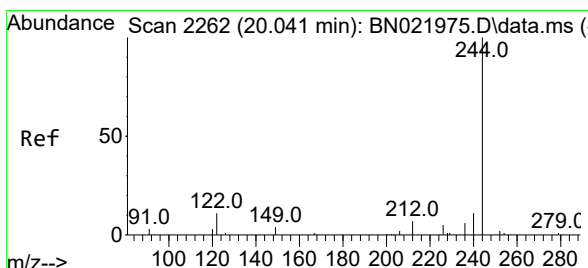
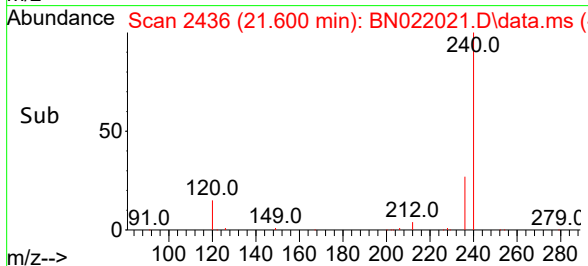
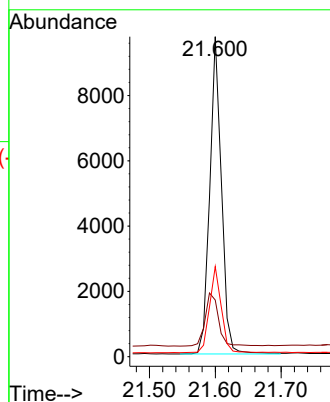
Tgt Ion:240 Resp: 12061

Ion Ratio Lower Upper

240 100

120 17.7 11.8 17.6#

236 28.1 22.4 33.6



#31

Terphenyl-d14

Concen: 0.473 ng

RT: 20.033 min Scan# 2261

Delta R.T. -0.009 min

Lab File: BN022021.D

Acq: 06 Oct 2022 16:30

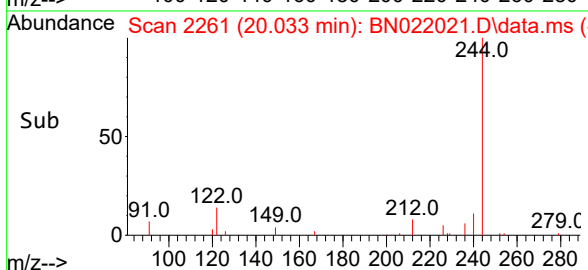
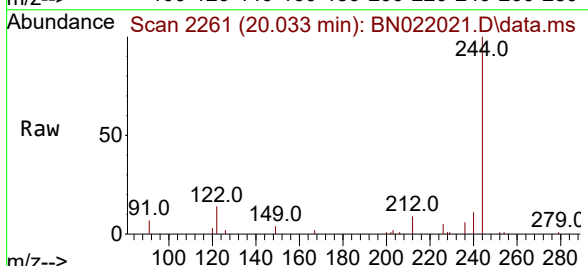
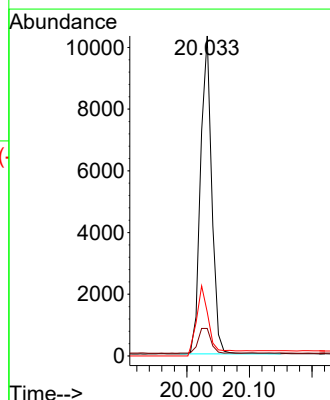
Tgt Ion:244 Resp: 11480

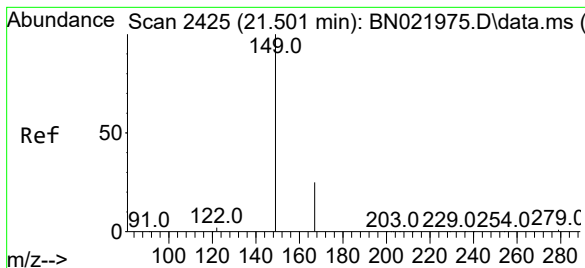
Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

122 13.7 9.1 13.7#

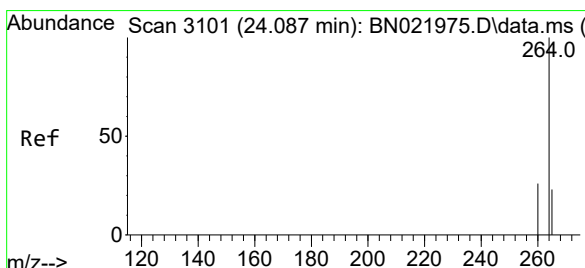
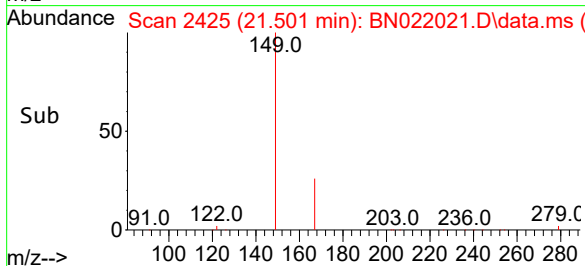
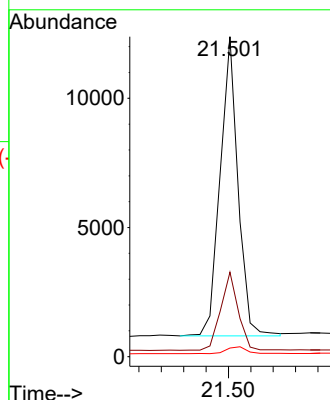
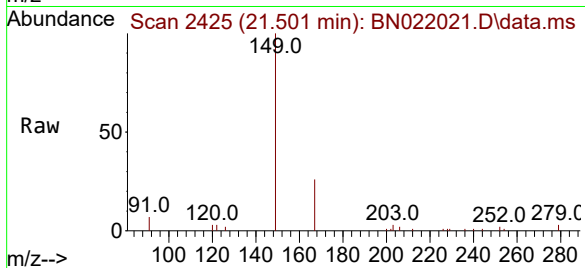




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.592 ng
RT: 21.501 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

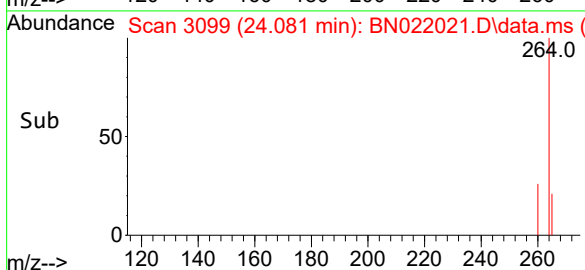
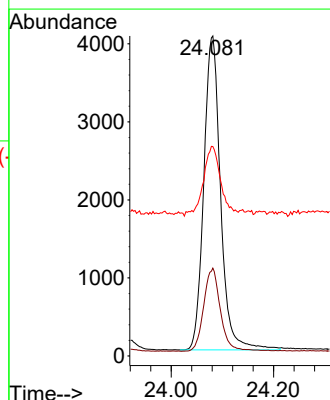
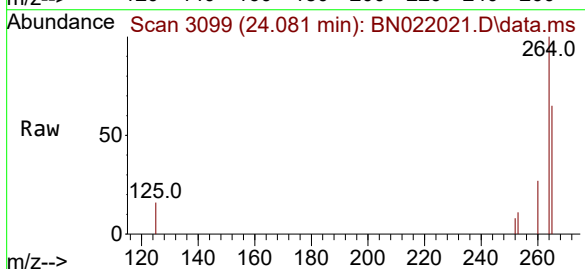
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-255-275-100422

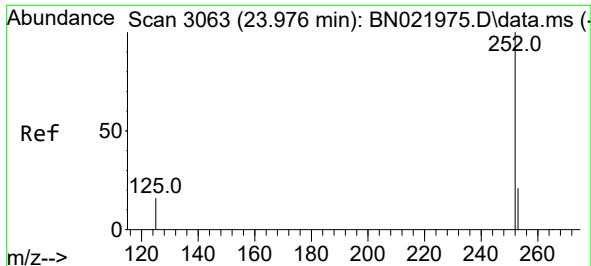
Tgt Ion:149 Resp: 12873
Ion Ratio Lower Upper
149 100
167 25.7 20.2 30.4
279 2.7 2.3 3.5



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.081 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

Tgt Ion:264 Resp: 9174
Ion Ratio Lower Upper
264 100
260 27.5 21.3 31.9
265 65.5 63.0 94.4





#39

Benzo(a)pyrene

Concen: 0.027 ng

RT: 23.967 min Scan# 3063

Delta R.T. -0.009 min

Lab File: BN022021.D

Acq: 06 Oct 2022 16:30

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-02-255-275-100422

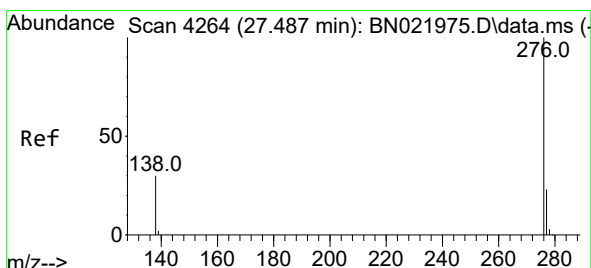
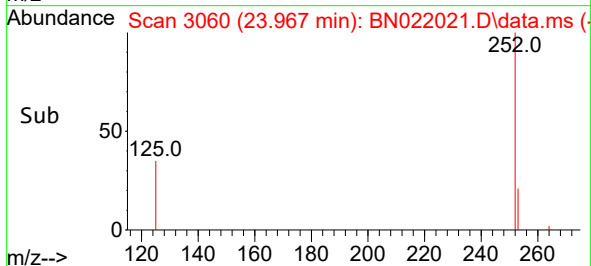
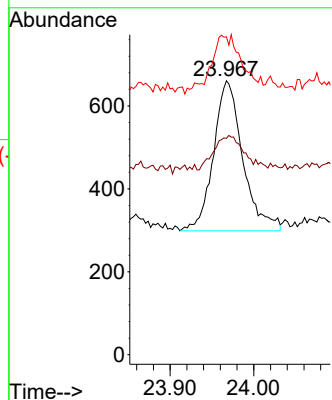
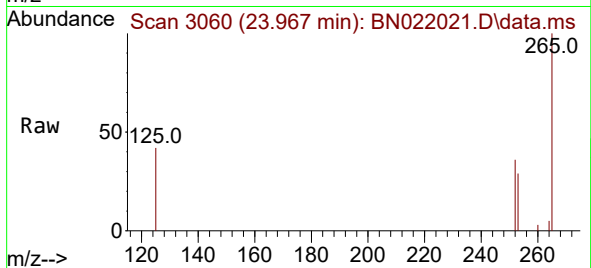
Tgt Ion:252 Resp: 880

Ion Ratio Lower Upper

252 100

253 79.0 23.2 34.8#

125 116.0 21.1 31.7#



#41

Benzo(g,h,i)perylene

Concen: 0.026 ng

RT: 27.490 min Scan# 4265

Delta R.T. 0.003 min

Lab File: BN022021.D

Acq: 06 Oct 2022 16:30

Tgt Ion:276 Resp: 1057

Ion Ratio Lower Upper

276 100

277 39.6 20.0 30.0#

138 52.4 25.2 37.8#

