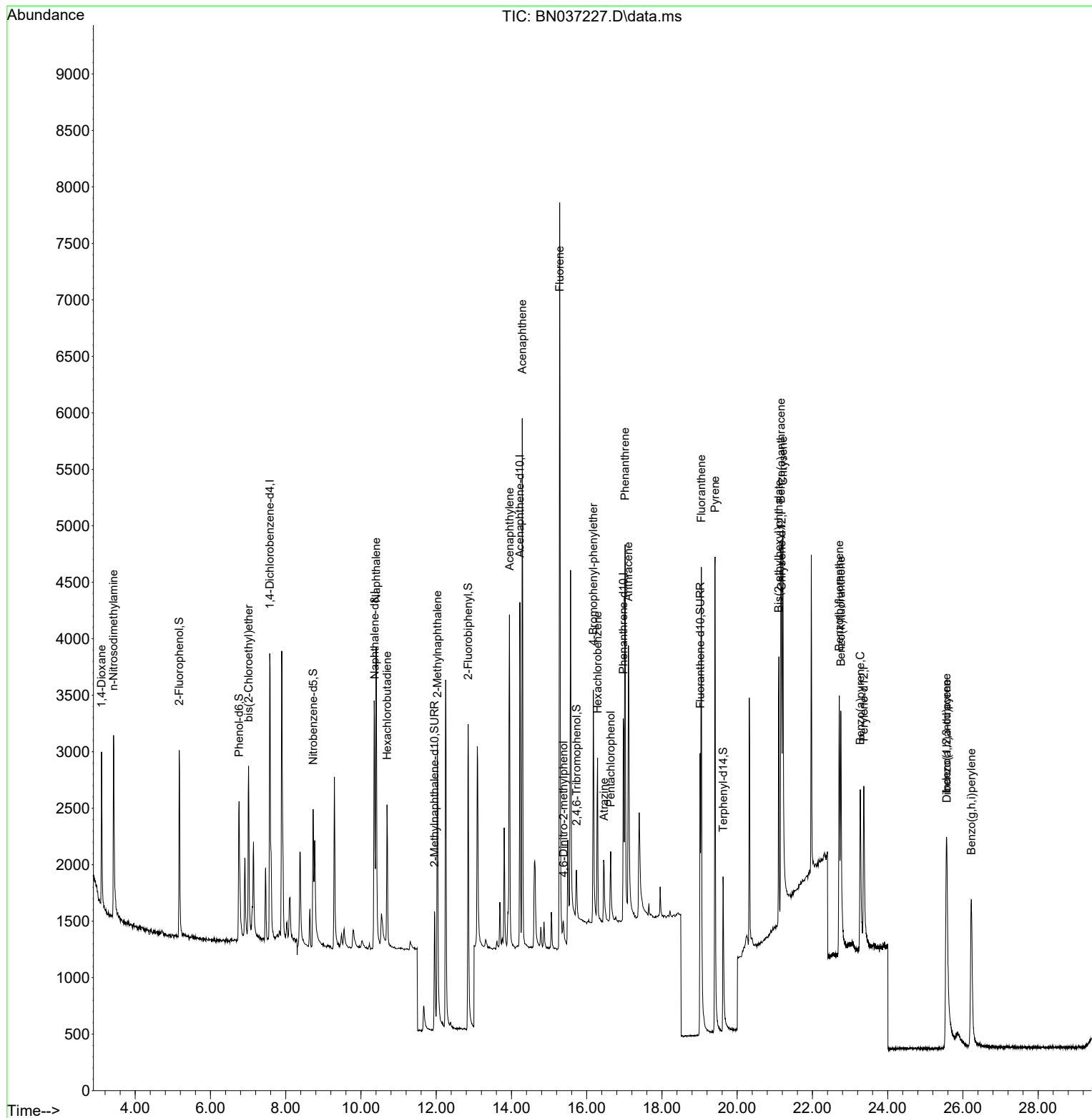
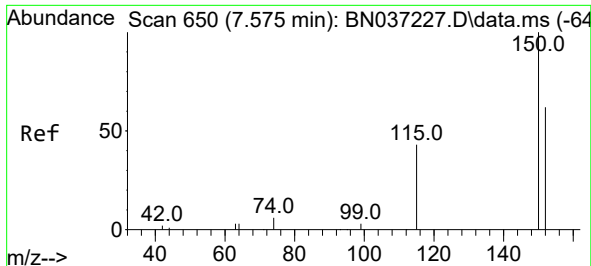


Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037227.D
Acq On : 13 Jun 2025 14:46
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

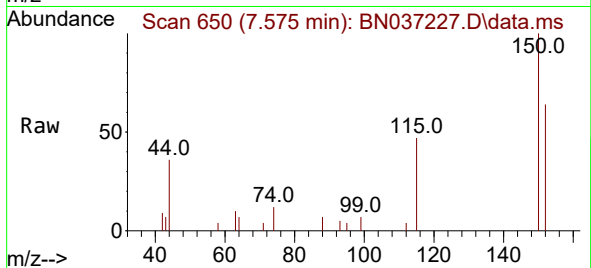
Quant Time: Jun 13 18:37:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:34:15 2025
Response via : Initial Calibration



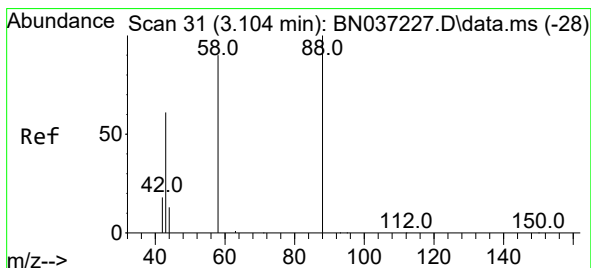
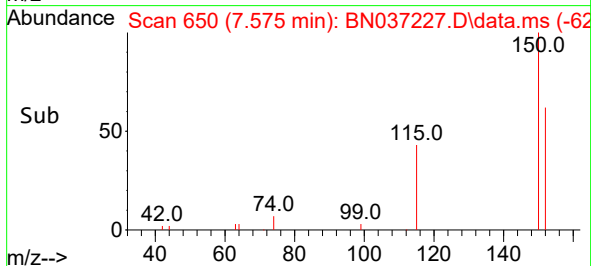
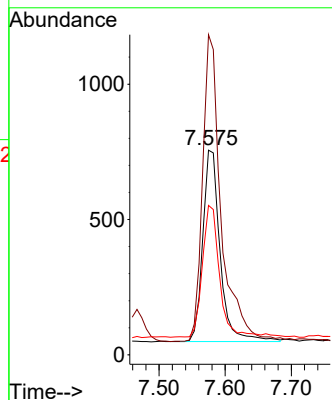


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

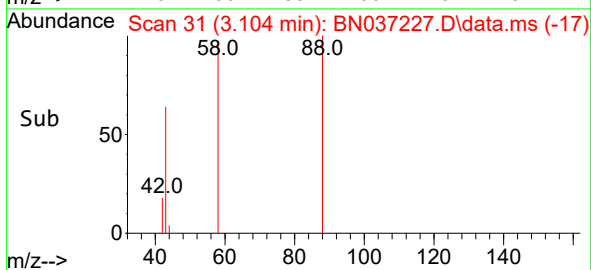
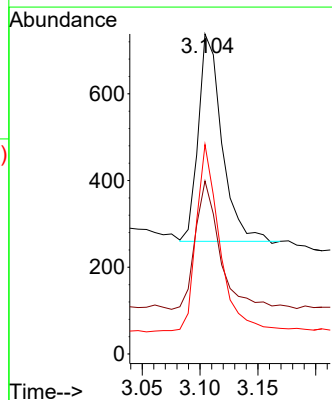
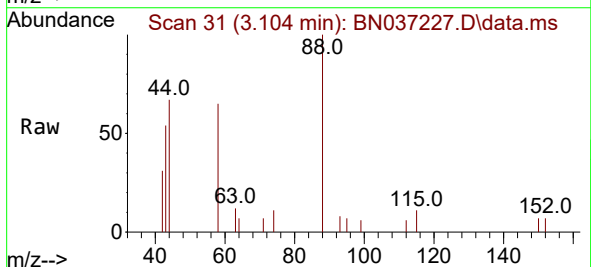


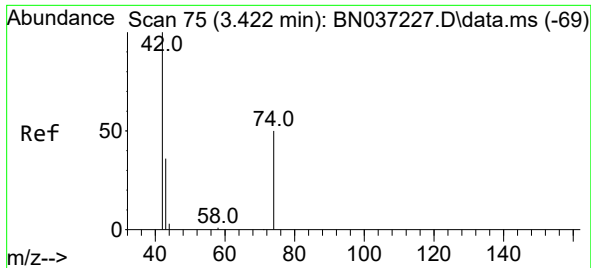
Tgt Ion:152 Resp: 1287
Ion Ratio Lower Upper
152 100
150 156.5 125.2 187.8
115 73.0 58.4 87.6



#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.104 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

Tgt Ion: 88 Resp: 676
Ion Ratio Lower Upper
88 100
43 65.8 52.6 79.0
58 91.9 73.5 110.3

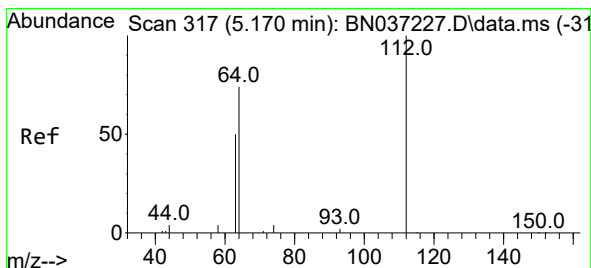
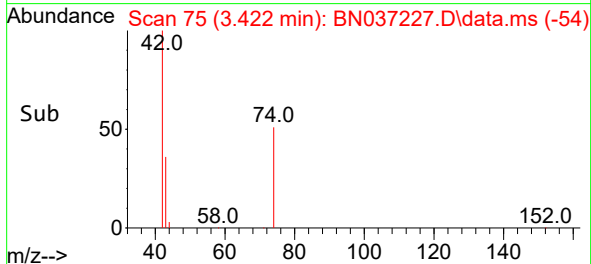
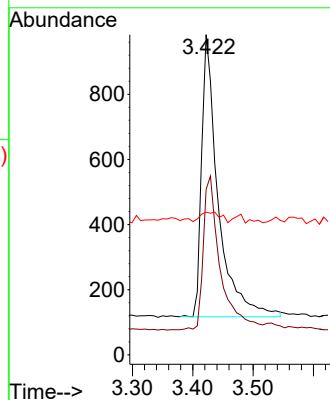
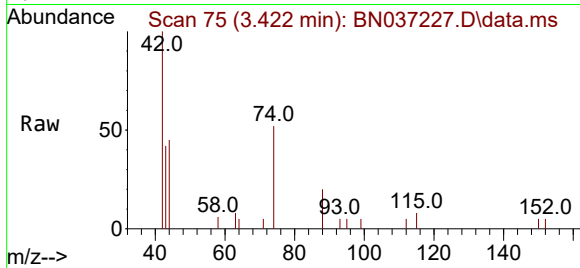




#3
 n-Nitrosodimethylamine
 Concen: 0.409 ng
 RT: 3.422 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: BN037227.D
 Acq: 13 Jun 2025 14:46

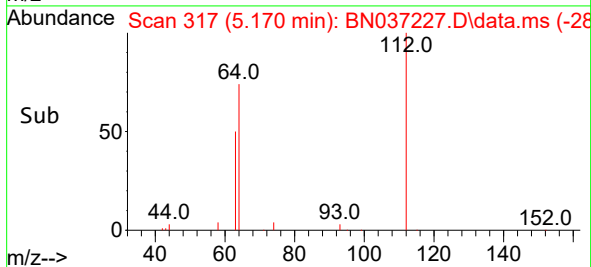
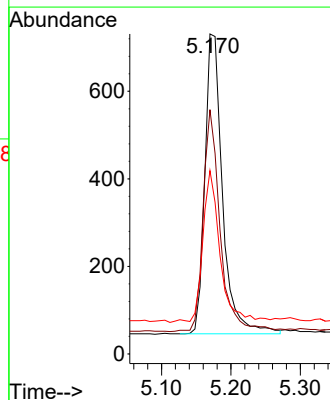
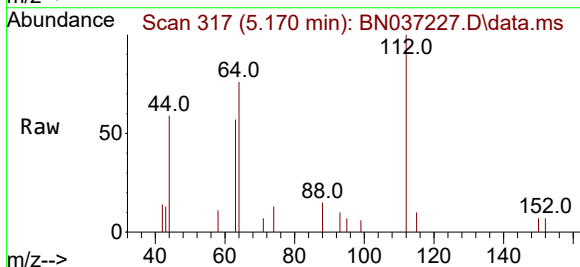
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

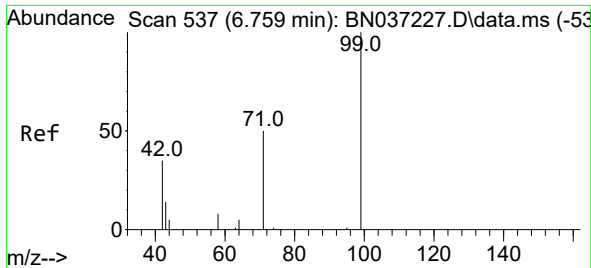
Tgt Ion: 42 Resp: 1644
 Ion Ratio Lower Upper
 42 100
 74 55.7 44.6 66.8
 44 4.4 3.5 5.3



#4
 2-Fluorophenol
 Concen: 0.383 ng
 RT: 5.170 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: BN037227.D
 Acq: 13 Jun 2025 14:46

Tgt Ion: 112 Resp: 1212
 Ion Ratio Lower Upper
 112 100
 64 71.5 57.2 85.8
 63 49.7 39.8 59.6

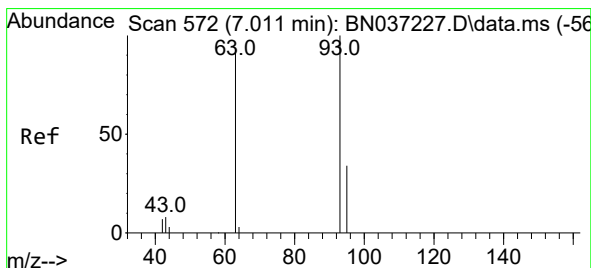
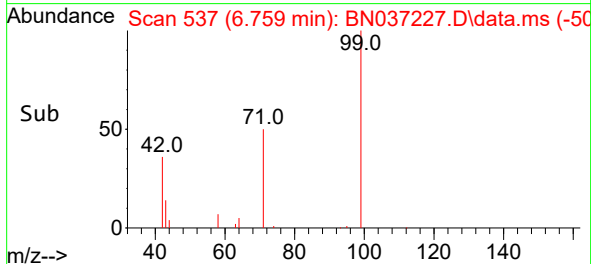
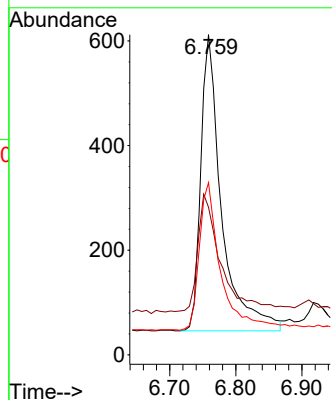
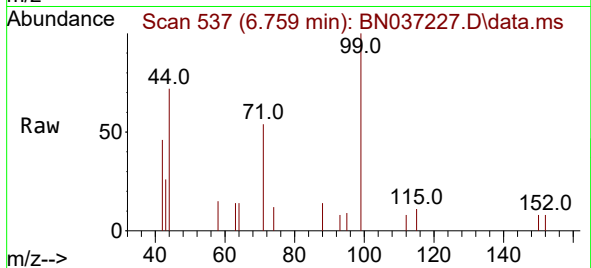




#5
Phenol-d6
Concen: 0.372 ng
RT: 6.759 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

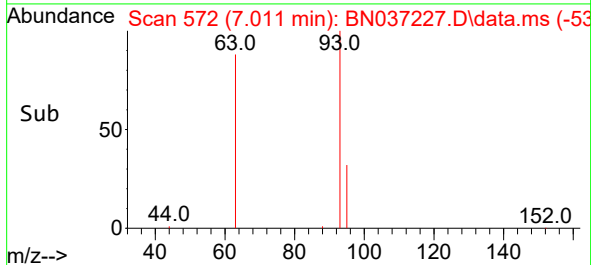
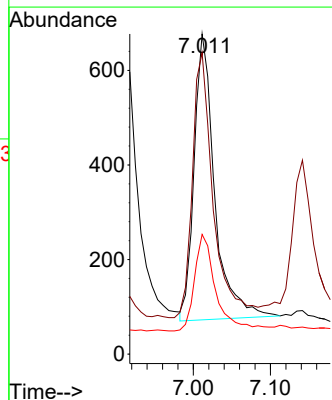
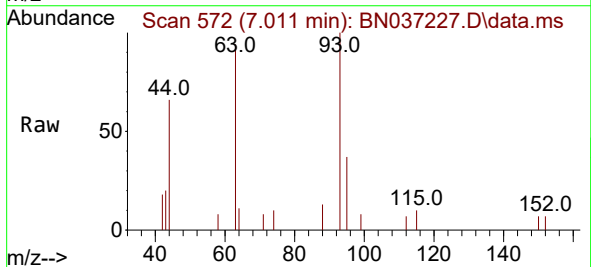
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

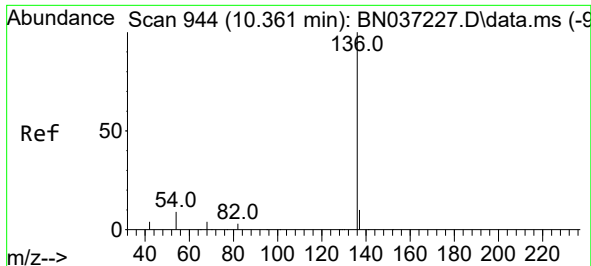
Tgt Ion:	99	Resp:	1239
Ion	Ratio	Lower	Upper
99	100		
42	45.3	36.2	54.4
71	53.0	42.4	63.6



#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 7.011 min Scan# 572
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

Tgt Ion:	93	Resp:	1120
Ion	Ratio	Lower	Upper
93	100		
63	94.0	75.2	112.8
95	35.4	28.3	42.5

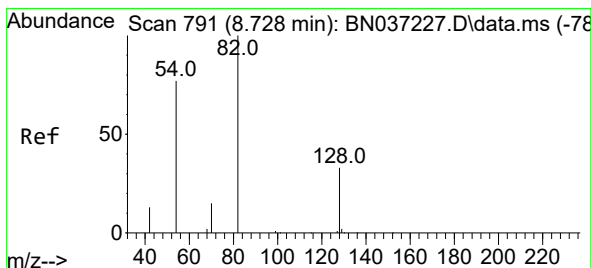
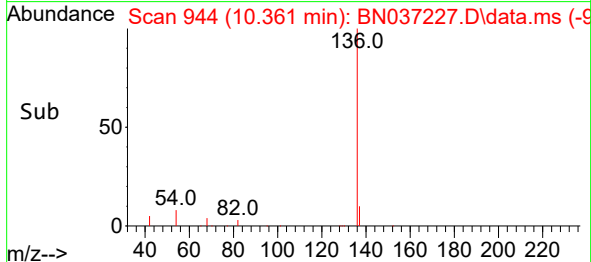
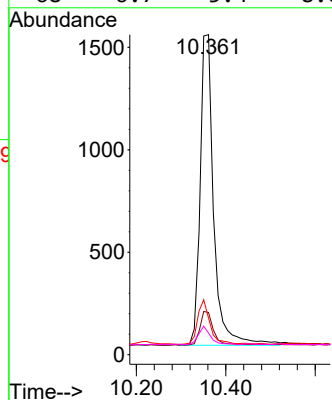
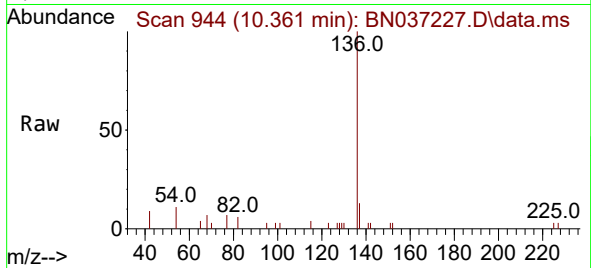




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

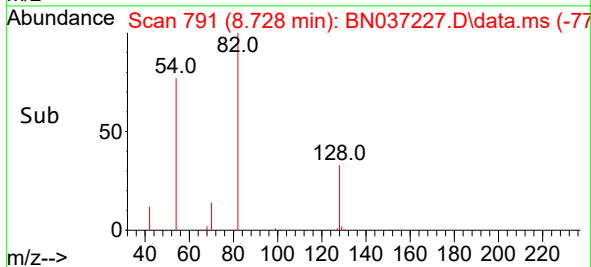
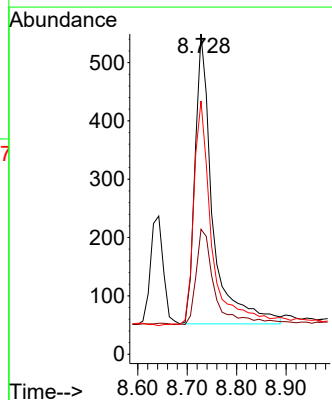
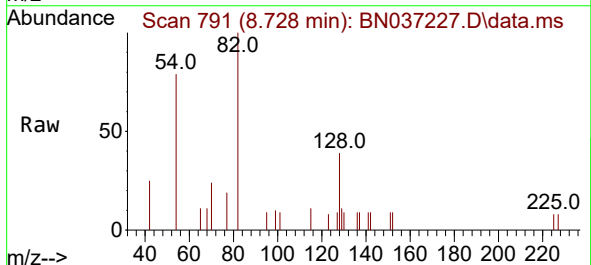
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

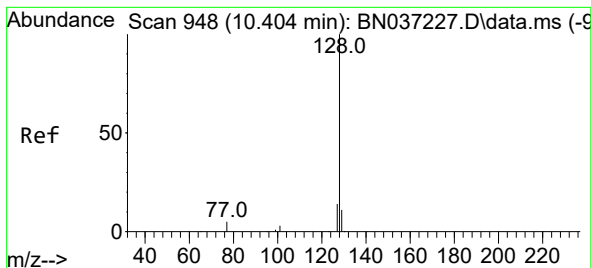
Tgt Ion:	136	Resp:	3210
Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.6	15.8
54	11.5	9.2	13.8
68	6.7	5.4	8.0



#8
Nitrobenzene-d5
Concen: 0.389 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

Tgt Ion:	82	Resp:	1234
Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.2	46.8
54	79.1	63.3	94.9





#9

Naphthalene

Concen: 0.391 ng

RT: 10.404 min Scan# 948

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

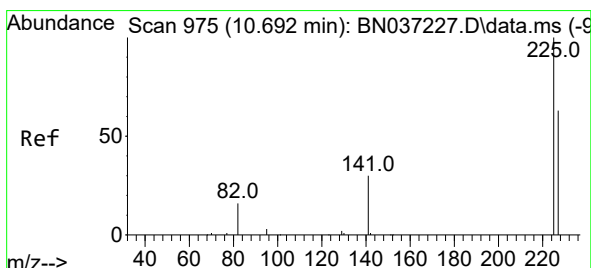
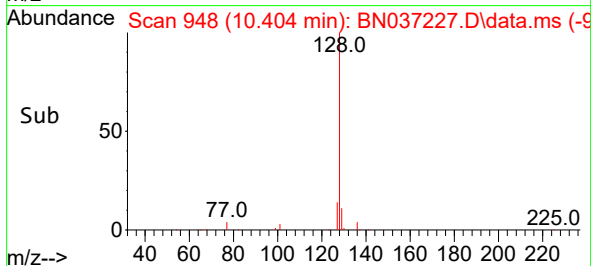
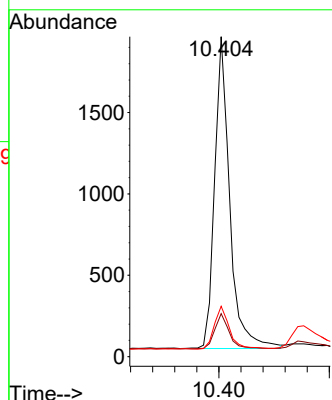
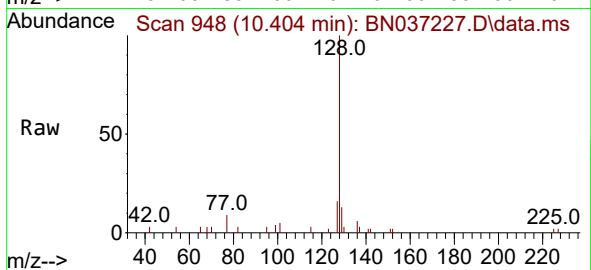
Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:	128	Resp:	3636
Ion	Ratio	Lower	Upper
128	100		
129	13.4	10.7	16.1
127	15.8	12.6	19.0



#10

Hexachlorobutadiene

Concen: 0.428 ng

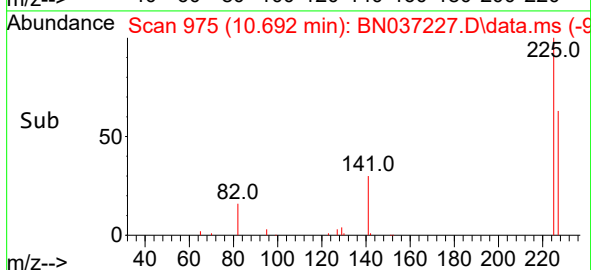
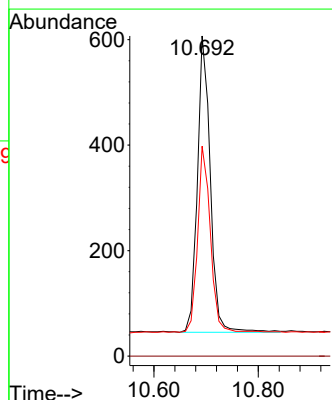
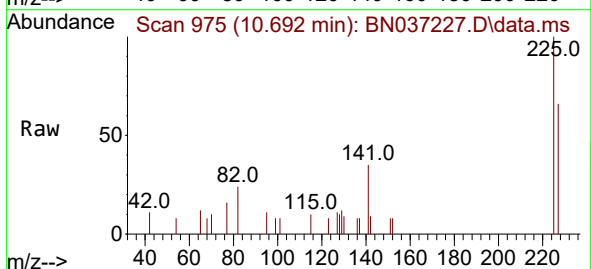
RT: 10.692 min Scan# 975

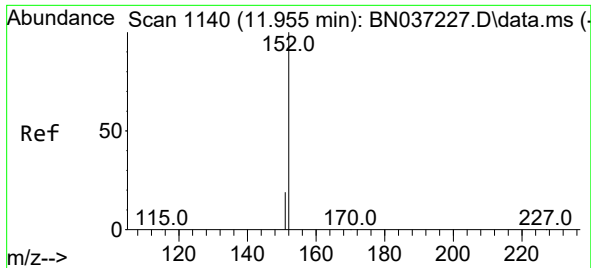
Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Tgt Ion:	225	Resp:	968
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.6	49.2	73.8

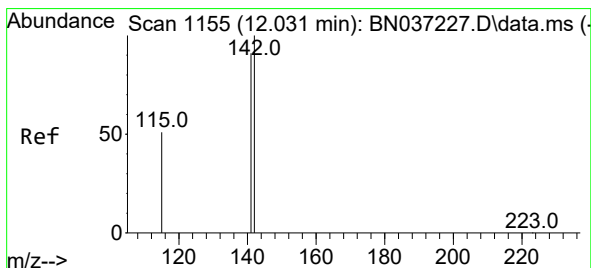
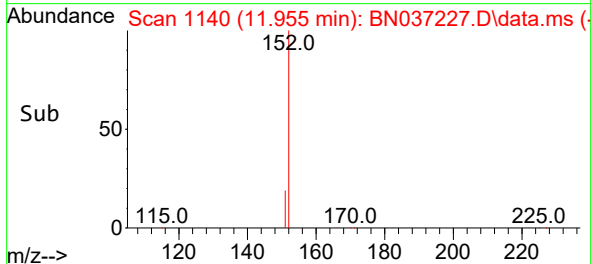
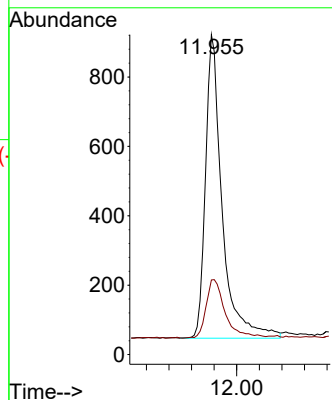
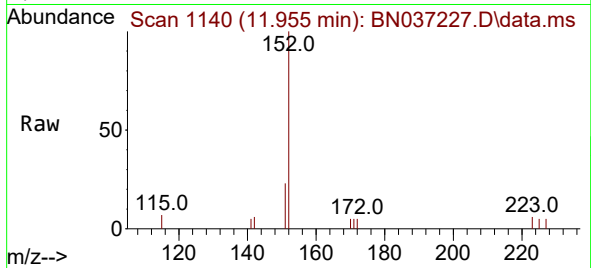




#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

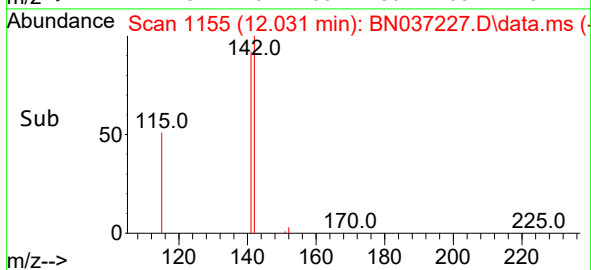
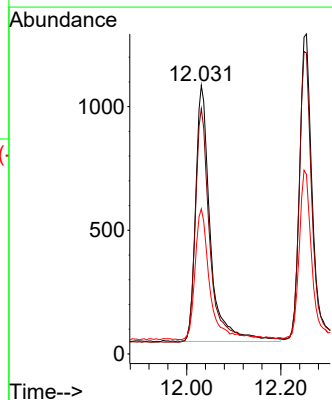
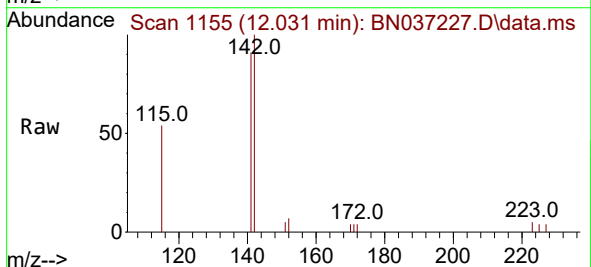
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

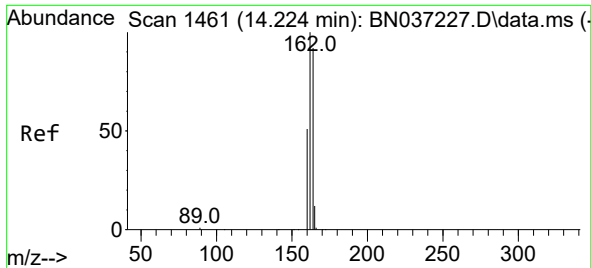
Tgt Ion:152 Resp: 1787
Ion Ratio Lower Upper
152 100
151 22.4 17.9 26.9



#12
2-Methylnaphthalene
Concen: 0.400 ng
RT: 12.031 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

Tgt Ion:142 Resp: 2261
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6
115 54.1 43.3 64.9

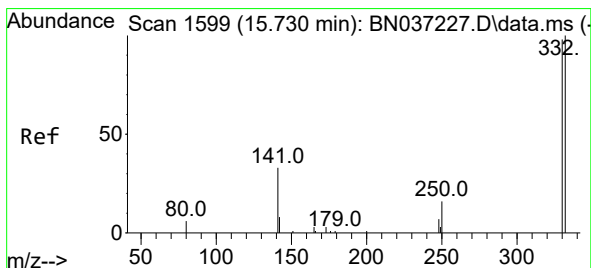
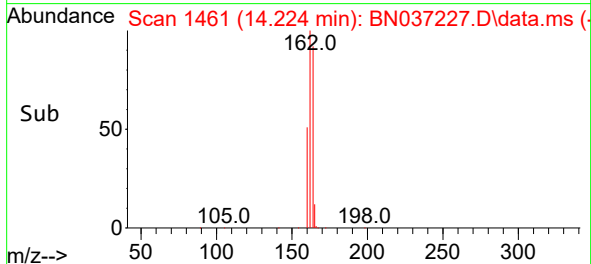
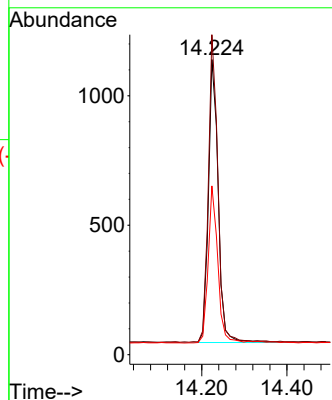
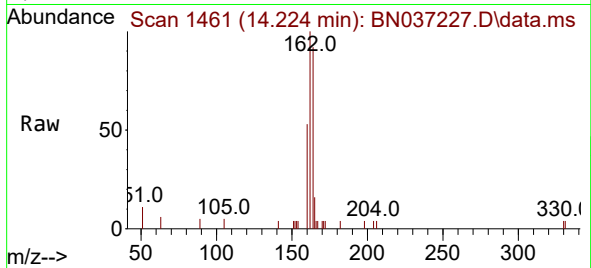




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

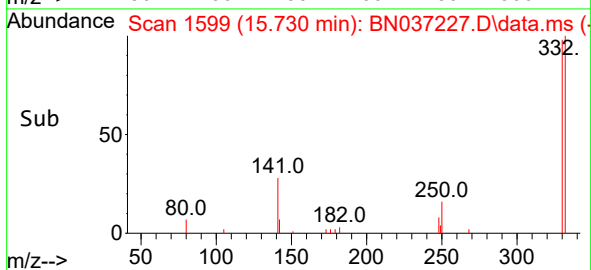
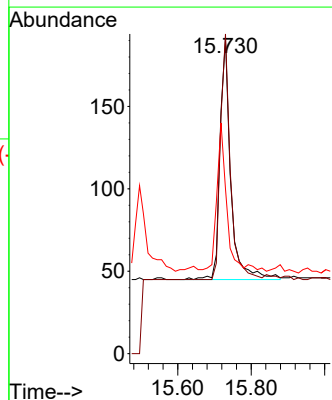
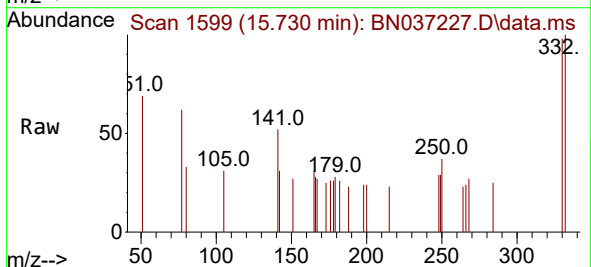
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

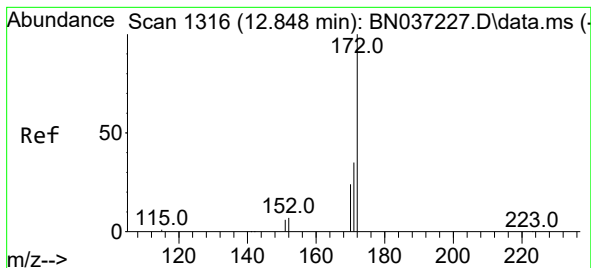
Tgt Ion:164 Resp: 1738
Ion Ratio Lower Upper
164 100
162 108.4 86.7 130.1
160 57.2 45.8 68.6



#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

Tgt Ion:330 Resp: 298
Ion Ratio Lower Upper
330 100
332 93.6 74.9 112.3
141 56.4 45.1 67.7

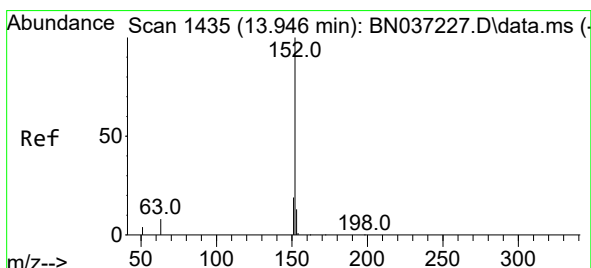
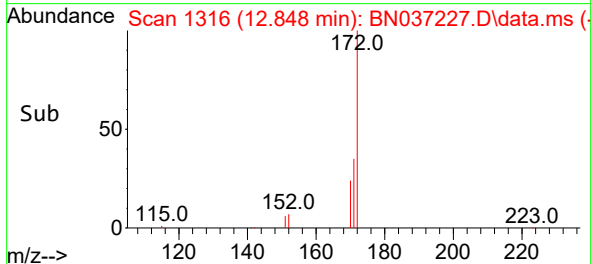
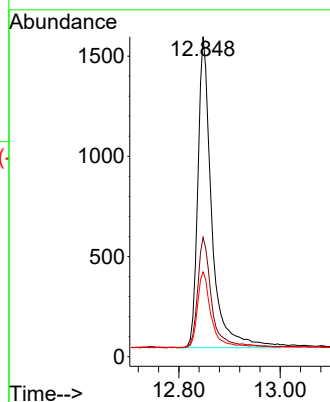
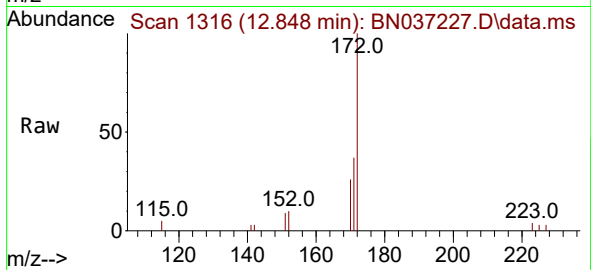




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

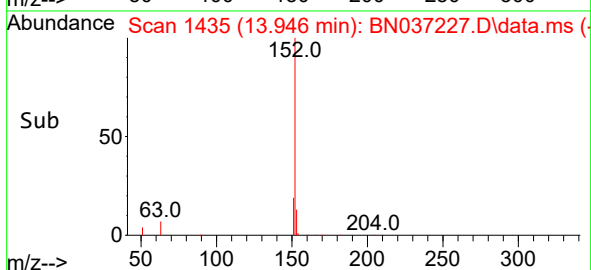
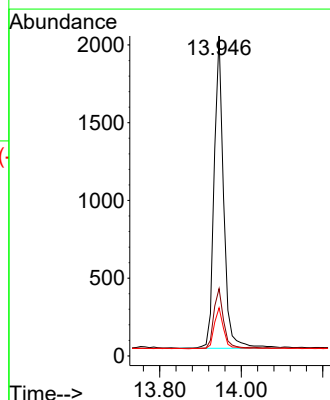
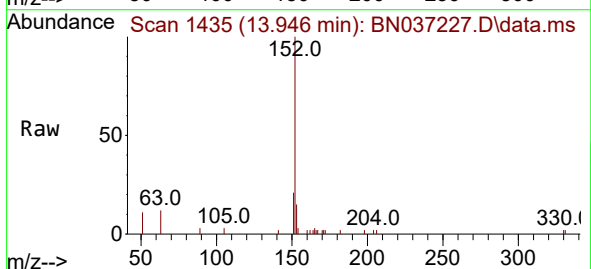
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

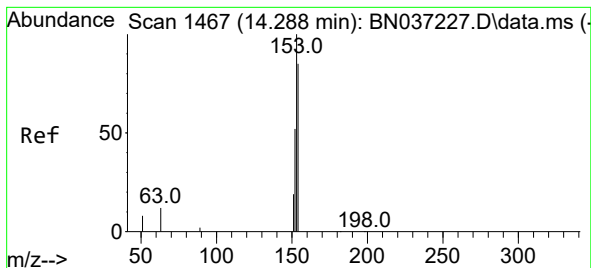
Tgt Ion:172 Resp: 2952
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.8
170 26.4 21.1 31.7



#16
Acenaphthylene
Concen: 0.382 ng
RT: 13.946 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

Tgt Ion:152 Resp: 3250
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.4 10.7 16.1





#17

Acenaphthene

Concen: 0.392 ng

RT: 14.288 min Scan# 1467

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

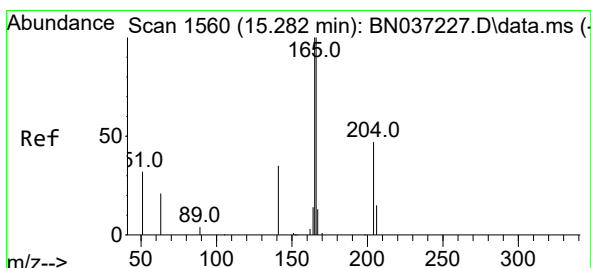
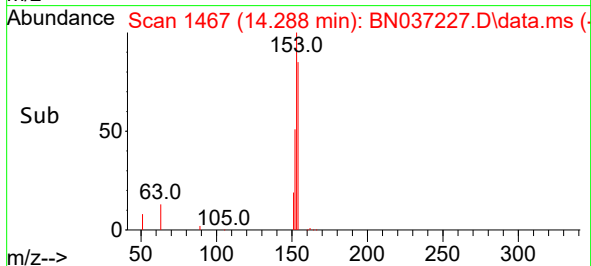
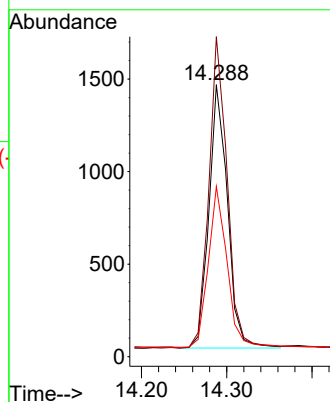
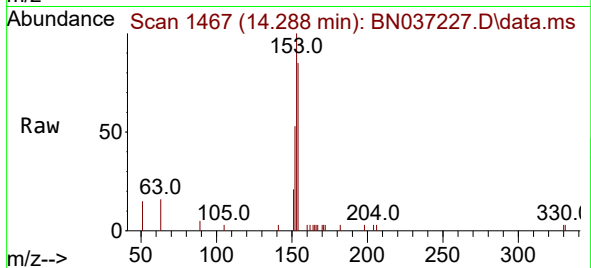
Tgt Ion:154 Resp: 2155

Ion Ratio Lower Upper

154 100

153 118.2 94.6 141.8

152 62.0 49.6 74.4



#18

Fluorene

Concen: 0.392 ng

RT: 15.282 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

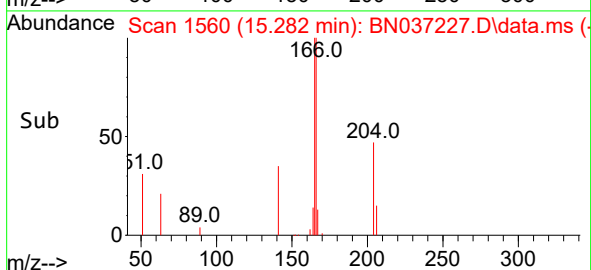
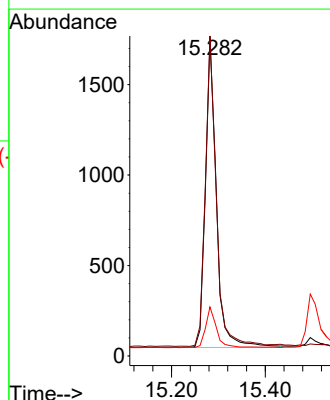
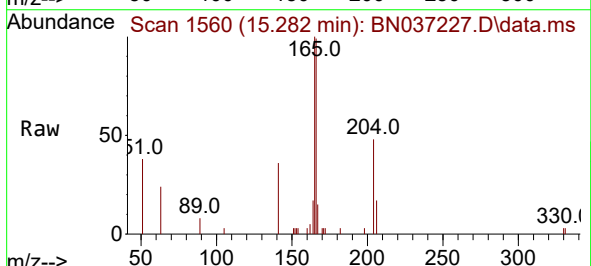
Tgt Ion:166 Resp: 2768

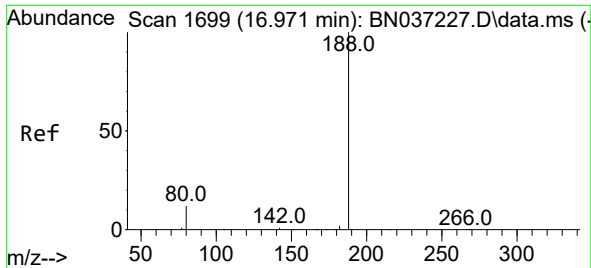
Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.6

167 13.5 10.8 16.2

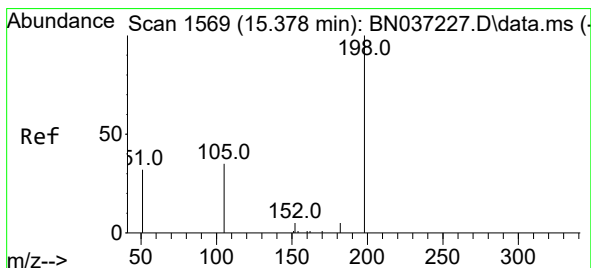
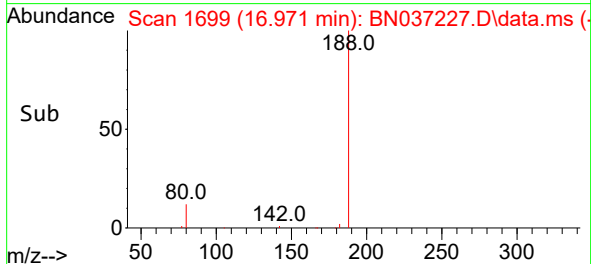
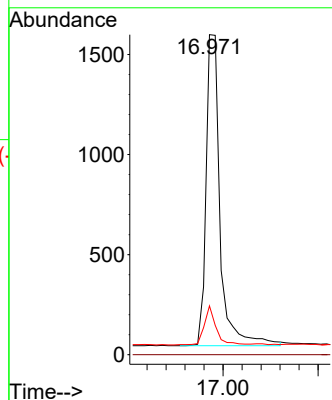
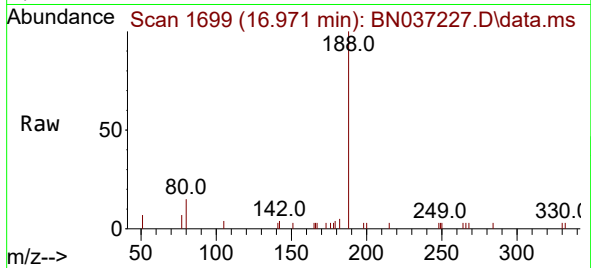




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

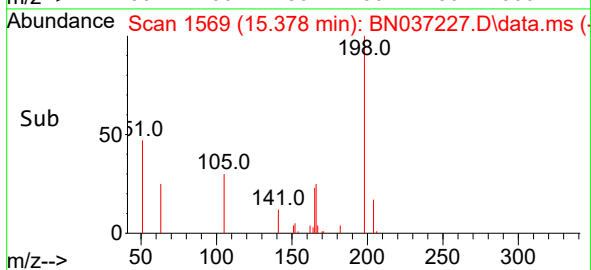
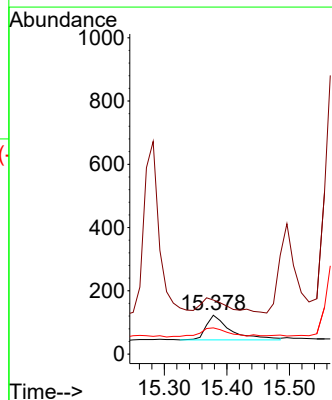
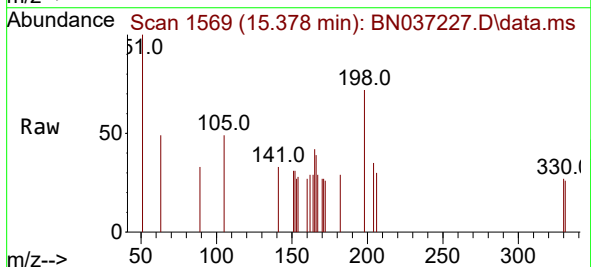
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

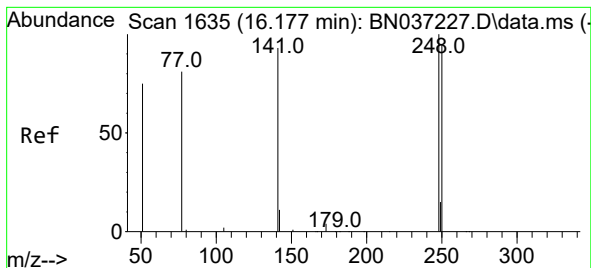
Tgt Ion:188 Resp: 3195
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 12.2 18.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.368 ng
RT: 15.378 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

Tgt Ion:198 Resp: 211
Ion Ratio Lower Upper
198 100
51 139.0 111.2 166.8
105 67.5 54.0 81.0

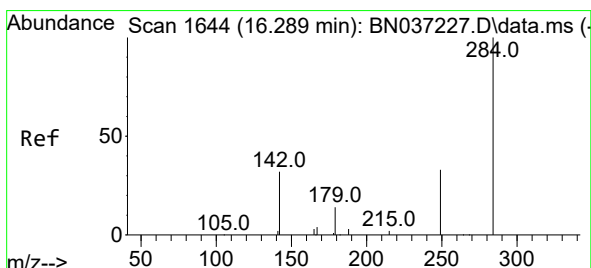
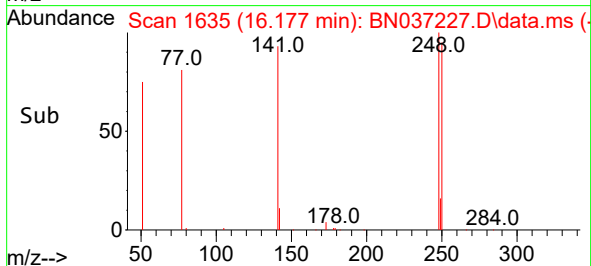
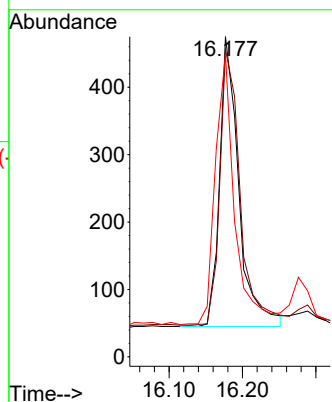
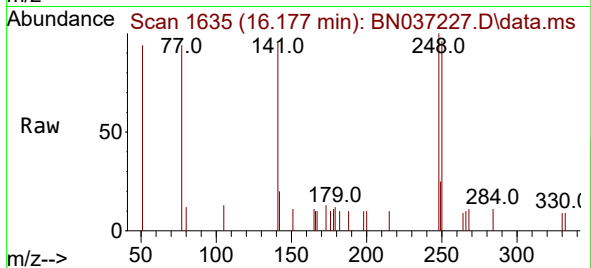




#21
4-Bromophenyl-phenylether
Concen: 0.375 ng
RT: 16.177 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

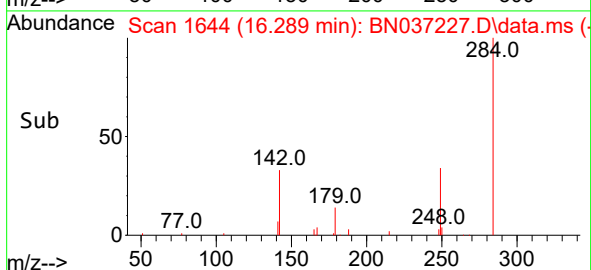
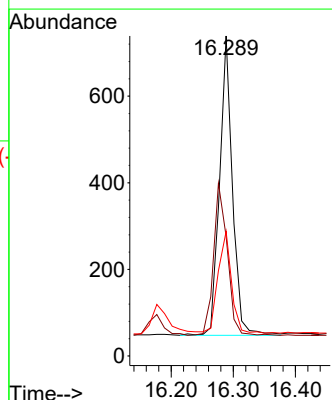
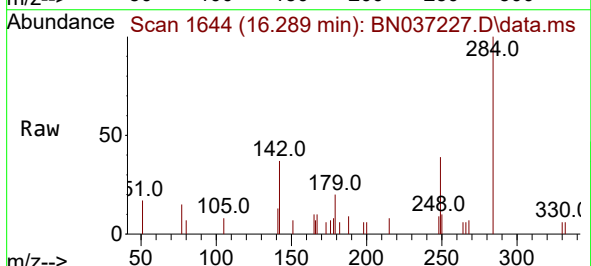
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

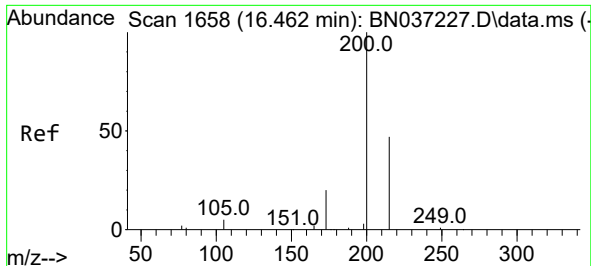
Tgt Ion:248 Resp: 780
Ion Ratio Lower Upper
248 100
250 96.0 76.8 115.2
141 94.5 75.6 113.4



#22
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.289 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

Tgt Ion:284 Resp: 994
Ion Ratio Lower Upper
284 100
142 54.7 43.8 65.6
249 35.5 28.4 42.6

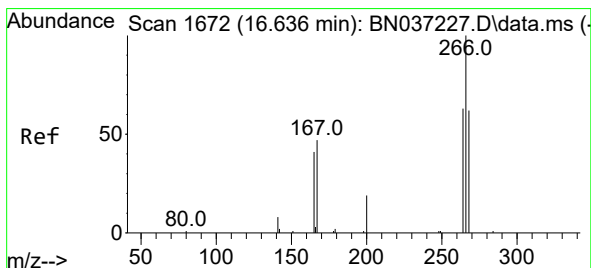
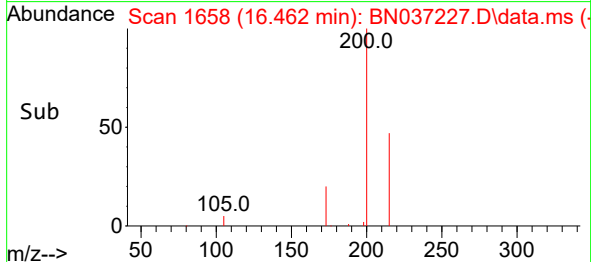
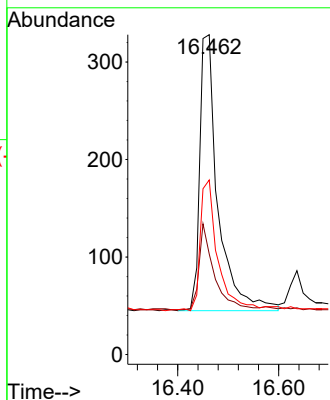
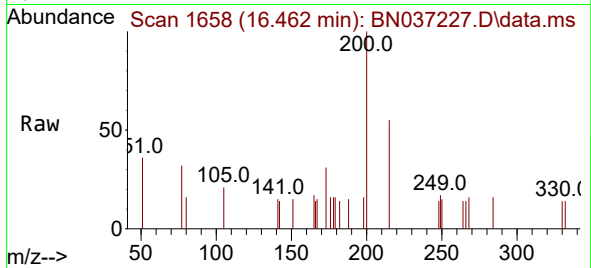




#23
 Atrazine
 Concen: 0.382 ng
 RT: 16.462 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: BN037227.D
 Acq: 13 Jun 2025 14:46

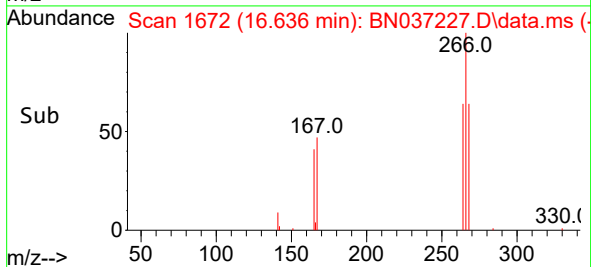
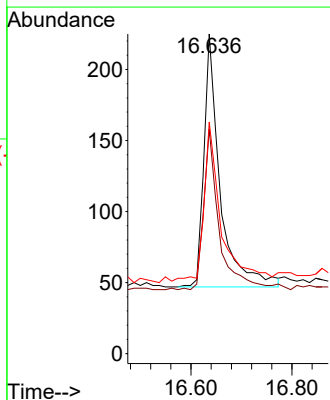
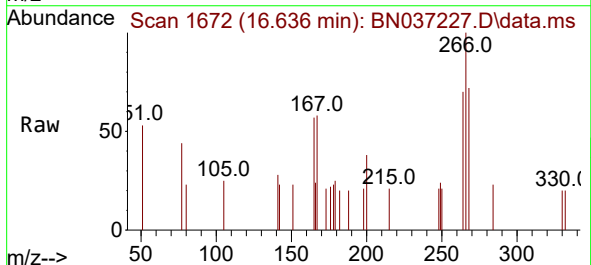
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

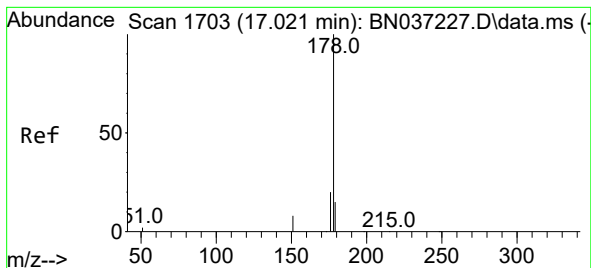
Tgt Ion:200 Resp: 710
 Ion Ratio Lower Upper
 200 100
 173 31.4 25.1 37.7
 215 54.6 43.7 65.5



#24
 Pentachlorophenol
 Concen: 0.336 ng
 RT: 16.636 min Scan# 1672
 Delta R.T. 0.000 min
 Lab File: BN037227.D
 Acq: 13 Jun 2025 14:46

Tgt Ion:266 Resp: 397
 Ion Ratio Lower Upper
 266 100
 264 61.5 49.2 73.8
 268 66.8 53.4 80.2





#25

Phenanthrene

Concen: 0.374 ng

RT: 17.021 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

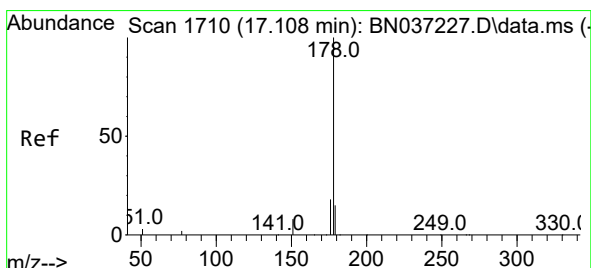
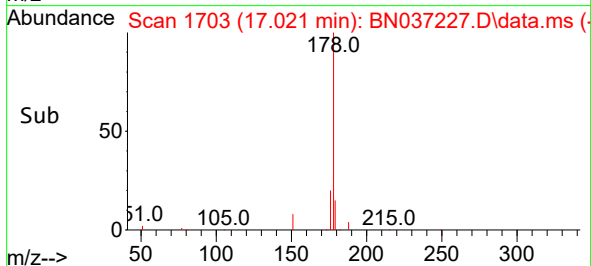
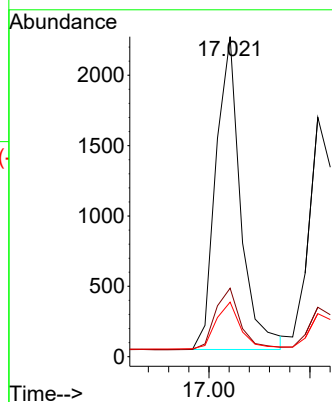
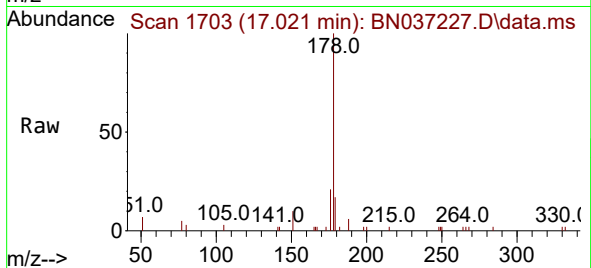
Tgt Ion:178 Resp: 3790

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

179 15.7 12.6 18.8



#26

Anthracene

Concen: 0.372 ng

RT: 17.108 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

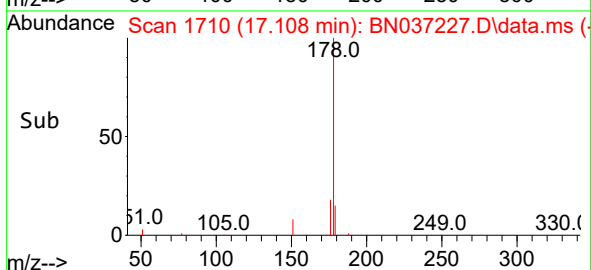
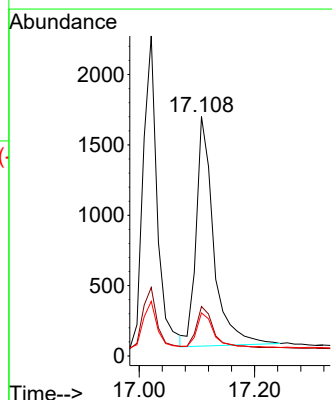
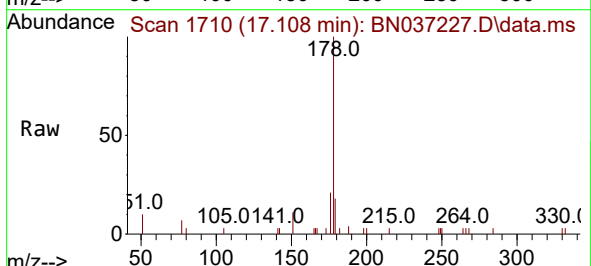
Tgt Ion:178 Resp: 3450

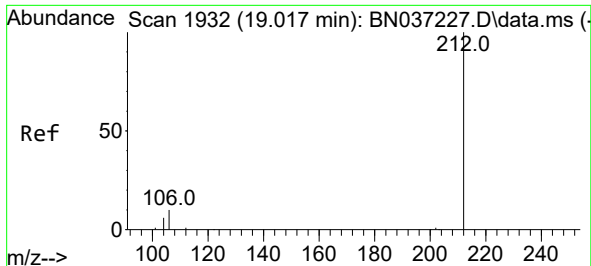
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.5 12.4 18.6

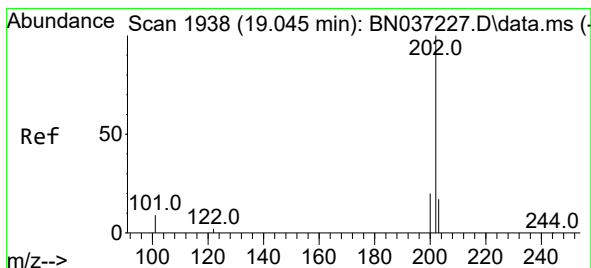
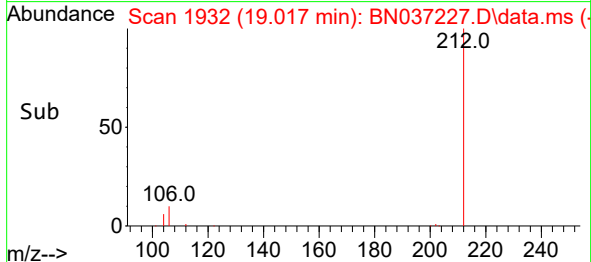
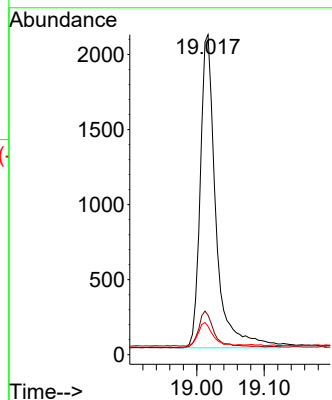
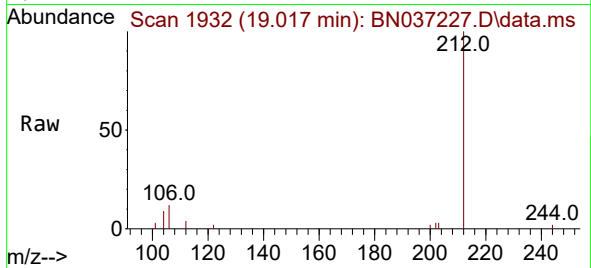




#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 19.017 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

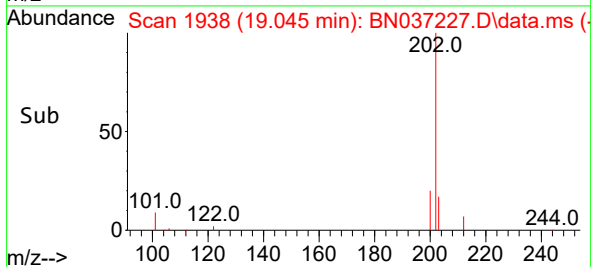
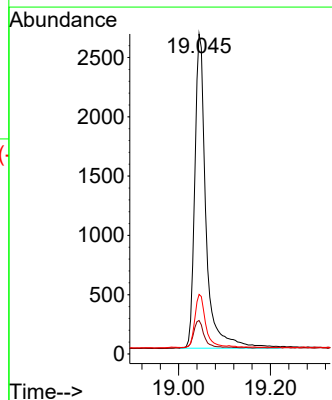
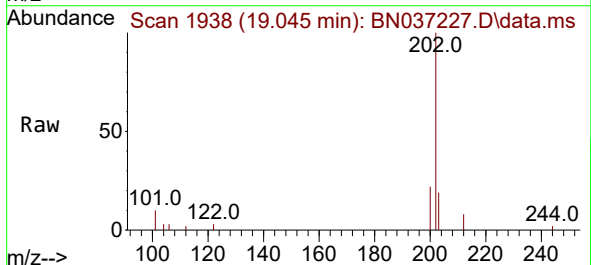
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

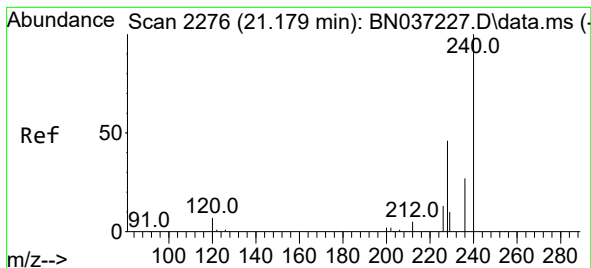
Tgt Ion:212 Resp: 3364
Ion Ratio Lower Upper
212 100
106 11.6 9.3 13.9
104 7.1 5.7 8.5



#28
Fluoranthene
Concen: 0.380 ng
RT: 19.045 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

Tgt Ion:202 Resp: 4510
Ion Ratio Lower Upper
202 100
101 8.9 7.1 10.7
203 16.3 13.0 19.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.179 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

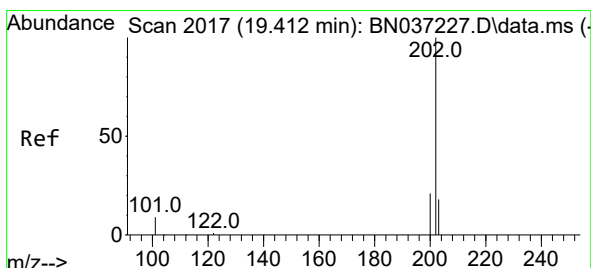
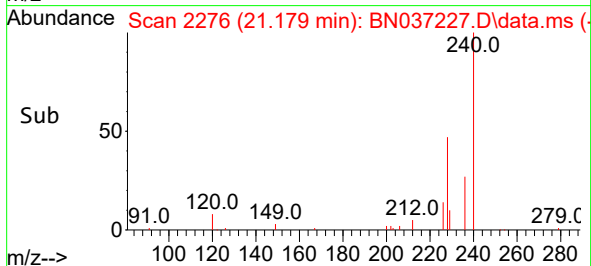
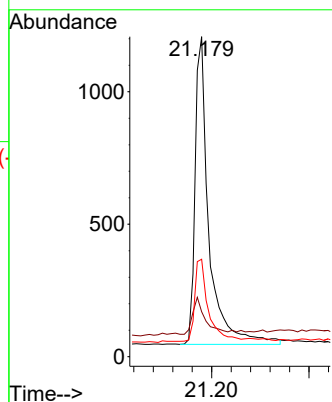
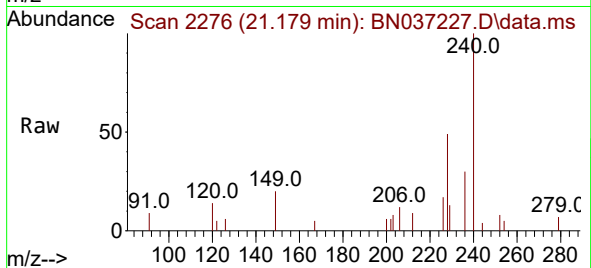
Tgt Ion:240 Resp: 2284

Ion Ratio Lower Upper

240 100

120 14.1 11.3 16.9

236 30.5 24.4 36.6



#30

Pyrene

Concen: 0.417 ng

RT: 19.412 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

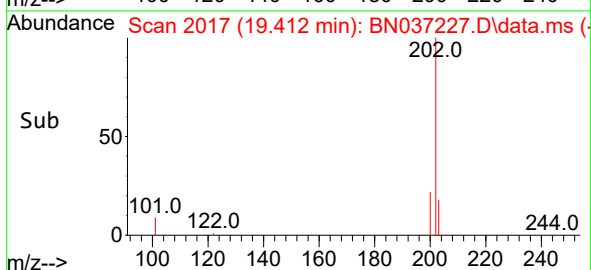
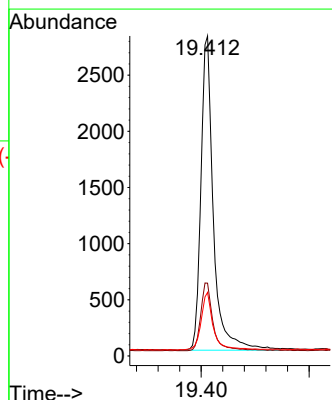
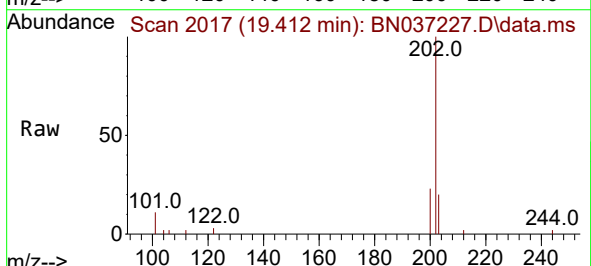
Tgt Ion:202 Resp: 4482

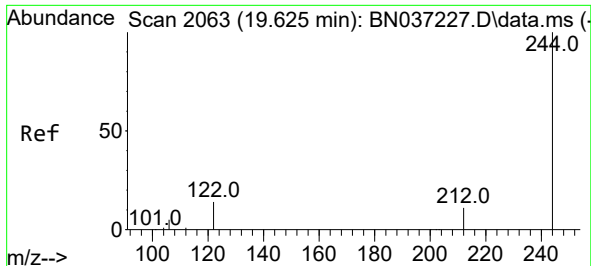
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.9 14.3 21.5

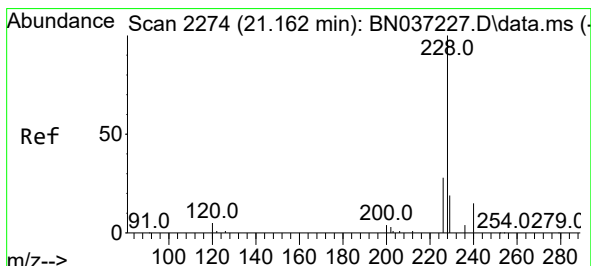
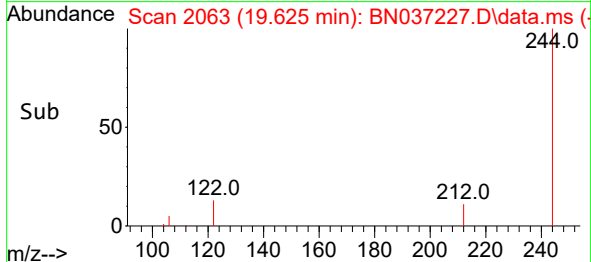
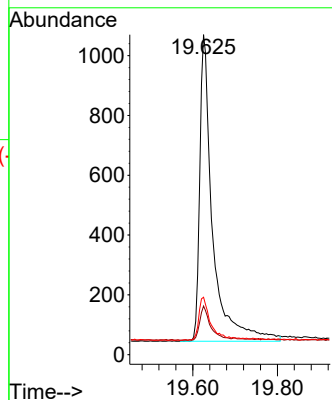
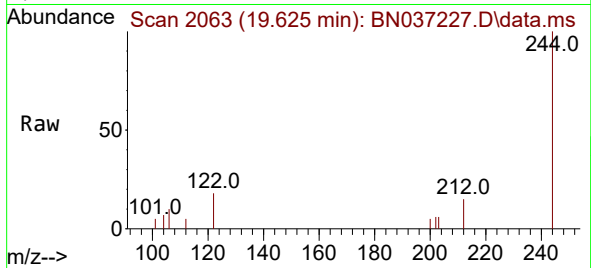




#31
 Terphenyl-d14
 Concen: 0.418 ng
 RT: 19.625 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: BN037227.D
 Acq: 13 Jun 2025 14:46

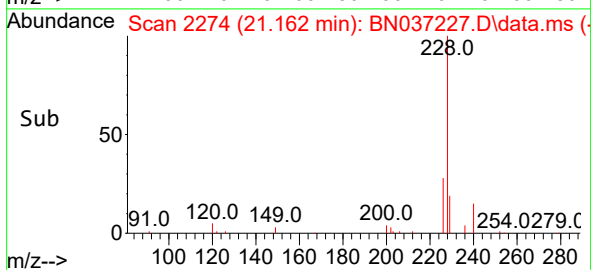
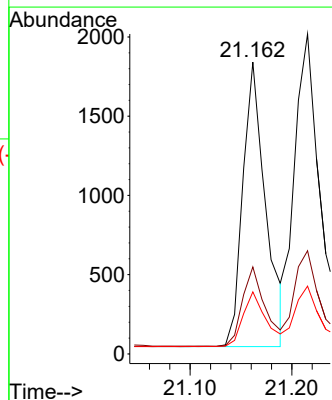
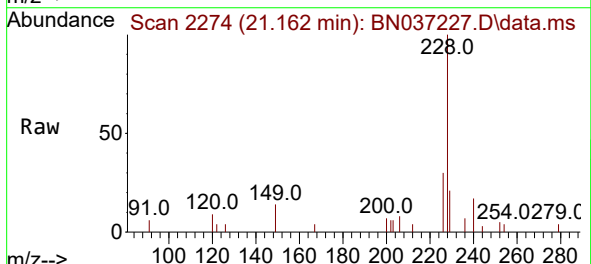
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

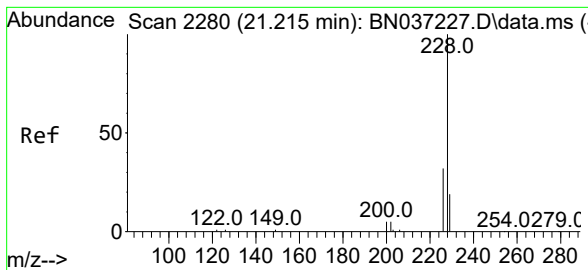
Tgt Ion:244 Resp: 2160
 Ion Ratio Lower Upper
 244 100
 212 15.2 12.2 18.2
 122 17.9 14.3 21.5



#32
 Benzo(a)anthracene
 Concen: 0.363 ng
 RT: 21.162 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BN037227.D
 Acq: 13 Jun 2025 14:46

Tgt Ion:228 Resp: 2798
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.8 35.8
 229 21.2 17.0 25.4





#33

Chrysene

Concen: 0.403 ng

RT: 21.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

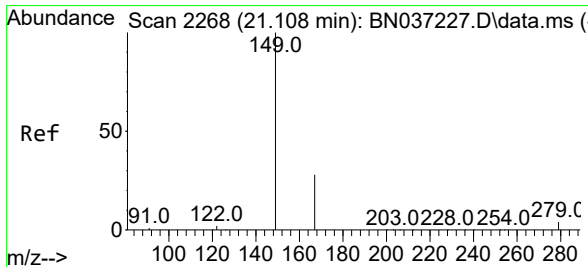
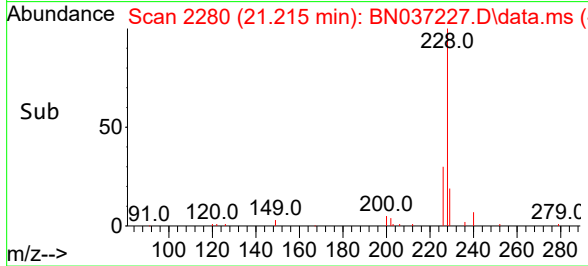
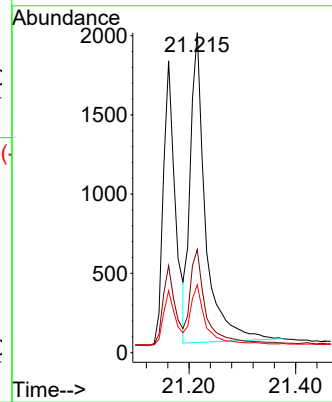
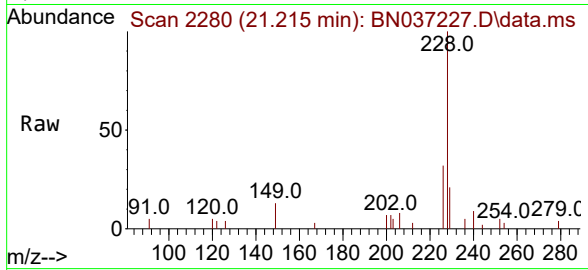
Tgt Ion:228 Resp: 3871

Ion Ratio Lower Upper

228 100

226 32.2 25.8 38.6

229 21.2 17.0 25.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.407 ng

RT: 21.108 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

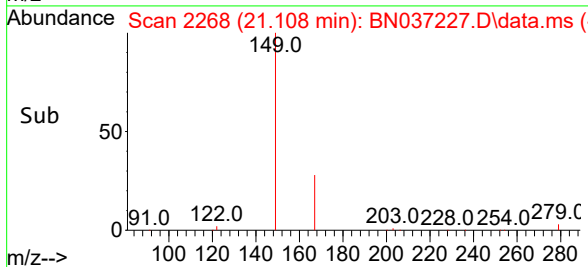
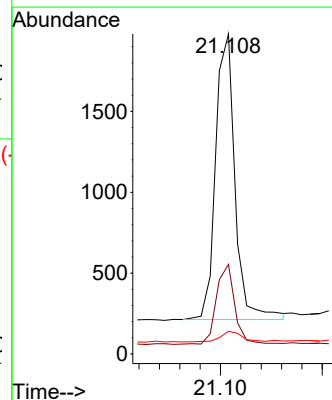
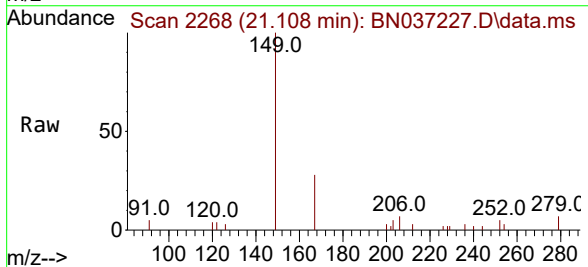
Tgt Ion:149 Resp: 2338

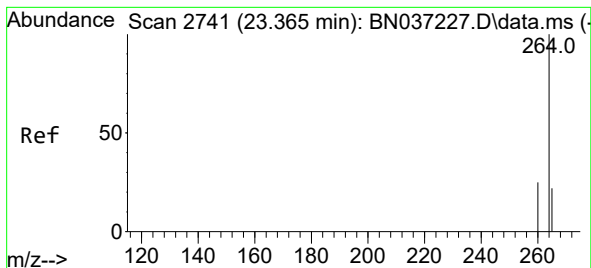
Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

279 4.1 3.3 4.9





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

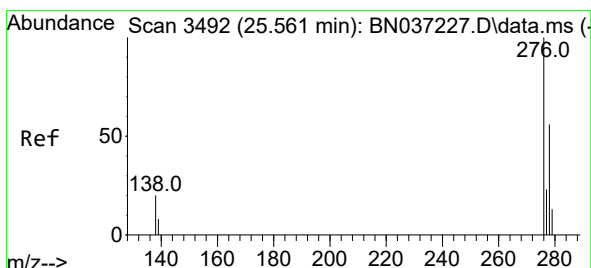
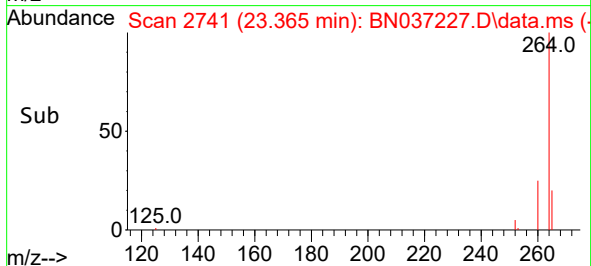
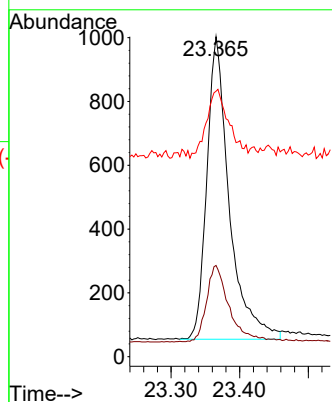
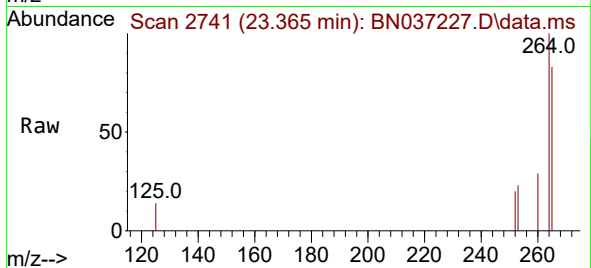
Tgt Ion:264 Resp: 2150

Ion Ratio Lower Upper

264 100

260 28.5 22.8 34.2

265 83.0 66.4 99.6



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.374 ng

RT: 25.561 min Scan# 3492

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

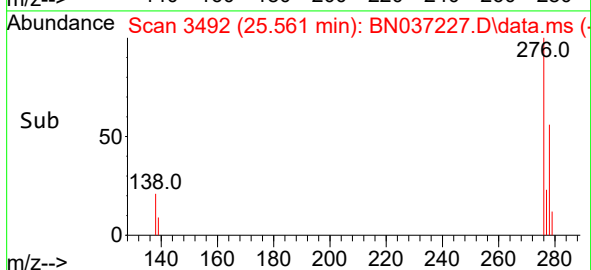
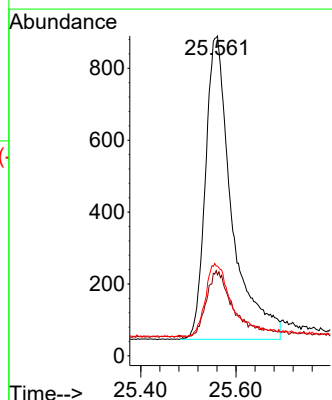
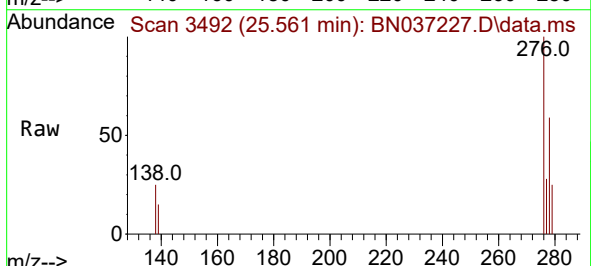
Tgt Ion:276 Resp: 3239

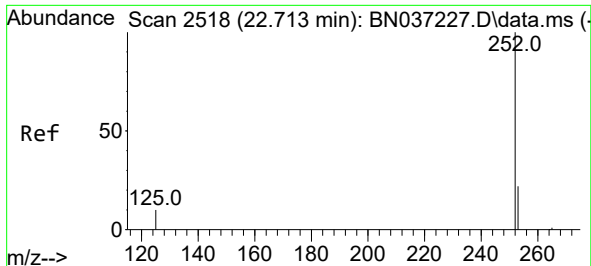
Ion Ratio Lower Upper

276 100

138 21.0 16.8 25.2

277 24.4 19.5 29.3

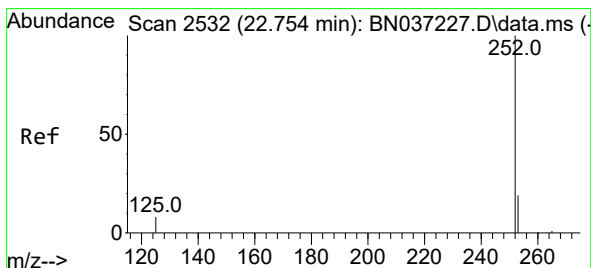
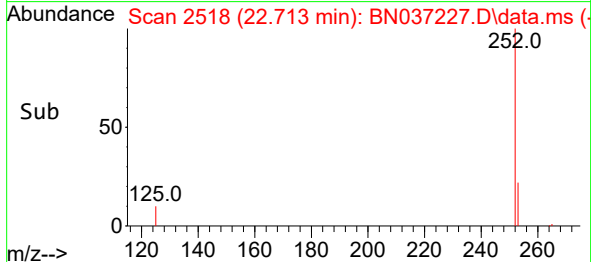
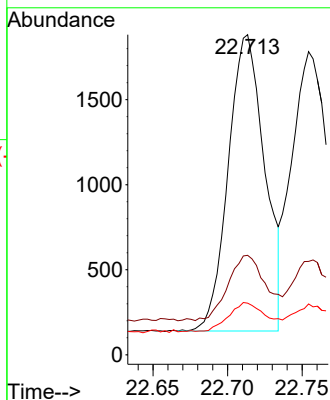
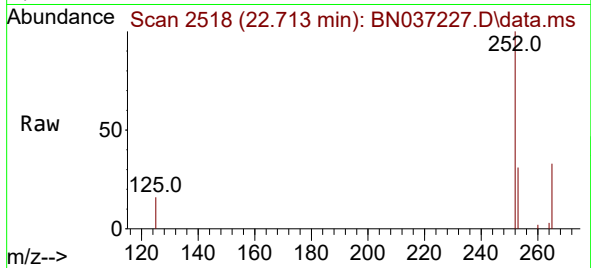




#37
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 22.713 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

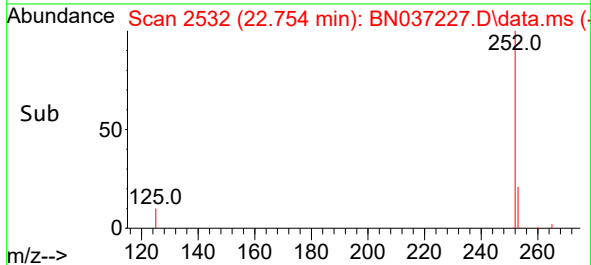
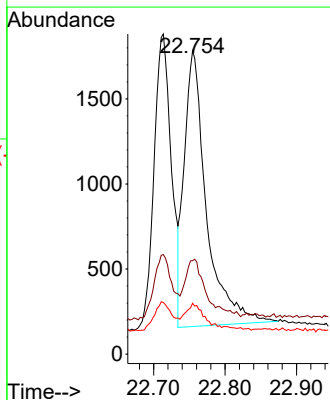
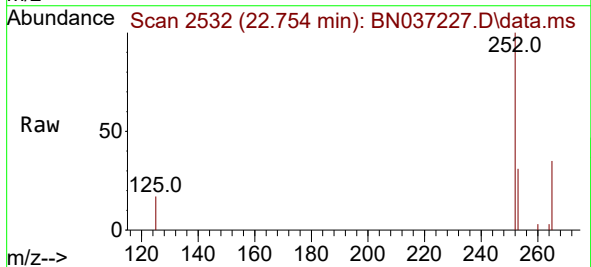
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

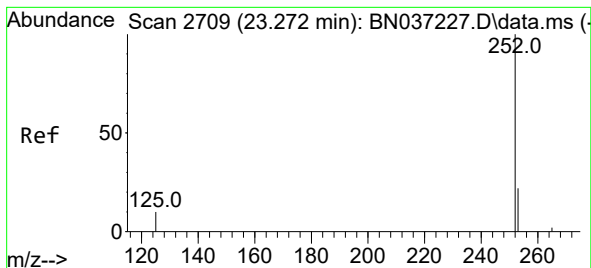
Tgt Ion:252 Resp: 2958
Ion Ratio Lower Upper
252 100
253 31.1 24.9 37.3
125 16.1 12.9 19.3



#38
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 22.754 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

Tgt Ion:252 Resp: 3501
Ion Ratio Lower Upper
252 100
253 30.8 24.6 37.0
125 16.8 13.4 20.2





#39

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.272 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

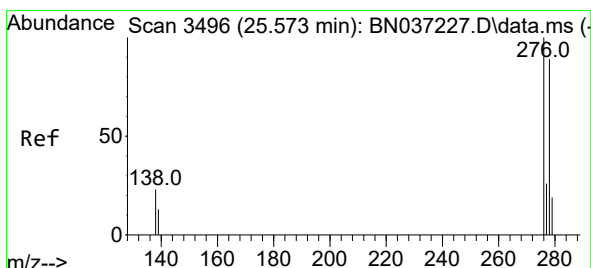
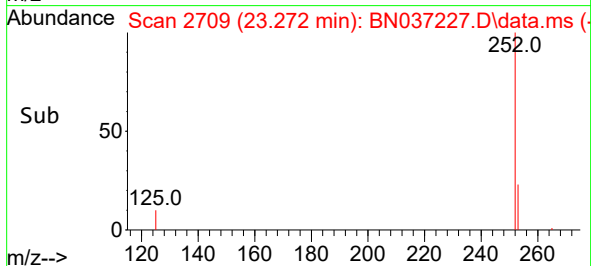
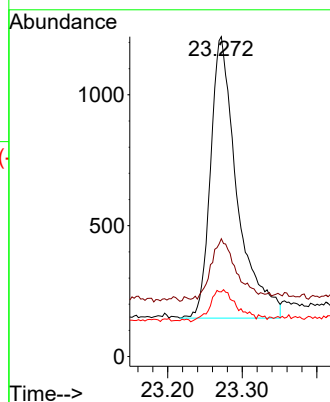
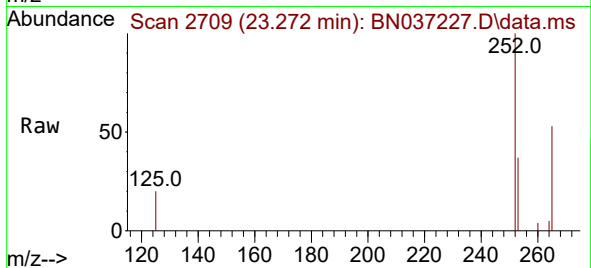
Tgt Ion:252 Resp: 2653

Ion Ratio Lower Upper

252 100

253 36.8 29.4 44.2

125 20.2 16.2 24.2



#40

Dibenzo(a,h)anthracene

Concen: 0.345 ng

RT: 25.573 min Scan# 3496

Delta R.T. 0.000 min

Lab File: BN037227.D

Acq: 13 Jun 2025 14:46

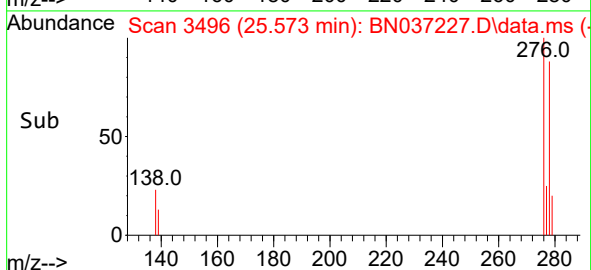
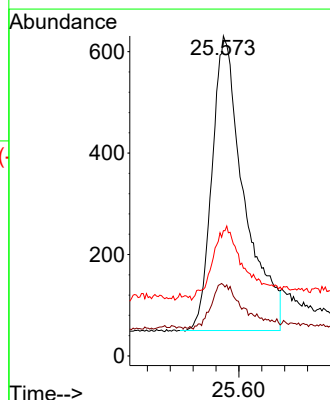
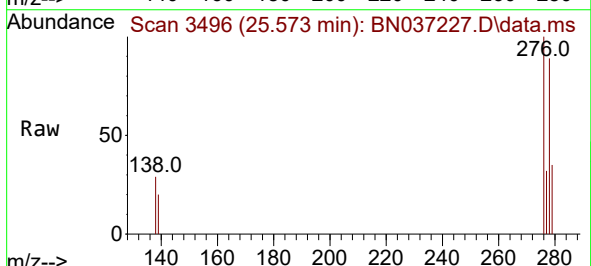
Tgt Ion:278 Resp: 2256

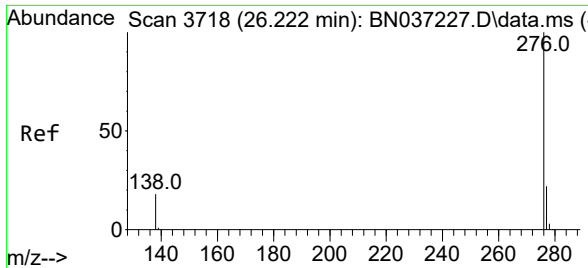
Ion Ratio Lower Upper

278 100

139 22.2 17.8 26.6

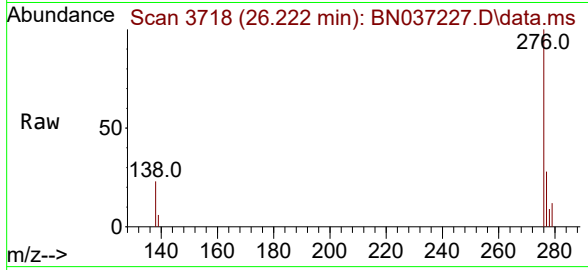
279 39.1 31.3 46.9





#41
Benzo(g,h,i)perylene
Concen: 0.385 ng
RT: 26.222 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037227.D
Acq: 13 Jun 2025 14:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4



Tgt Ion:	276	Resp:	3099
Ion	Ratio	Lower	Upper
276	100		
277	27.5	22.0	33.0
138	23.0	18.4	27.6

