

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032678.D
 Acq On : 12 Jul 2024 18:36
 Operator : MA/JU
 Sample : P3087-23
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CZ5

Quant Time: Jul 13 00:03:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

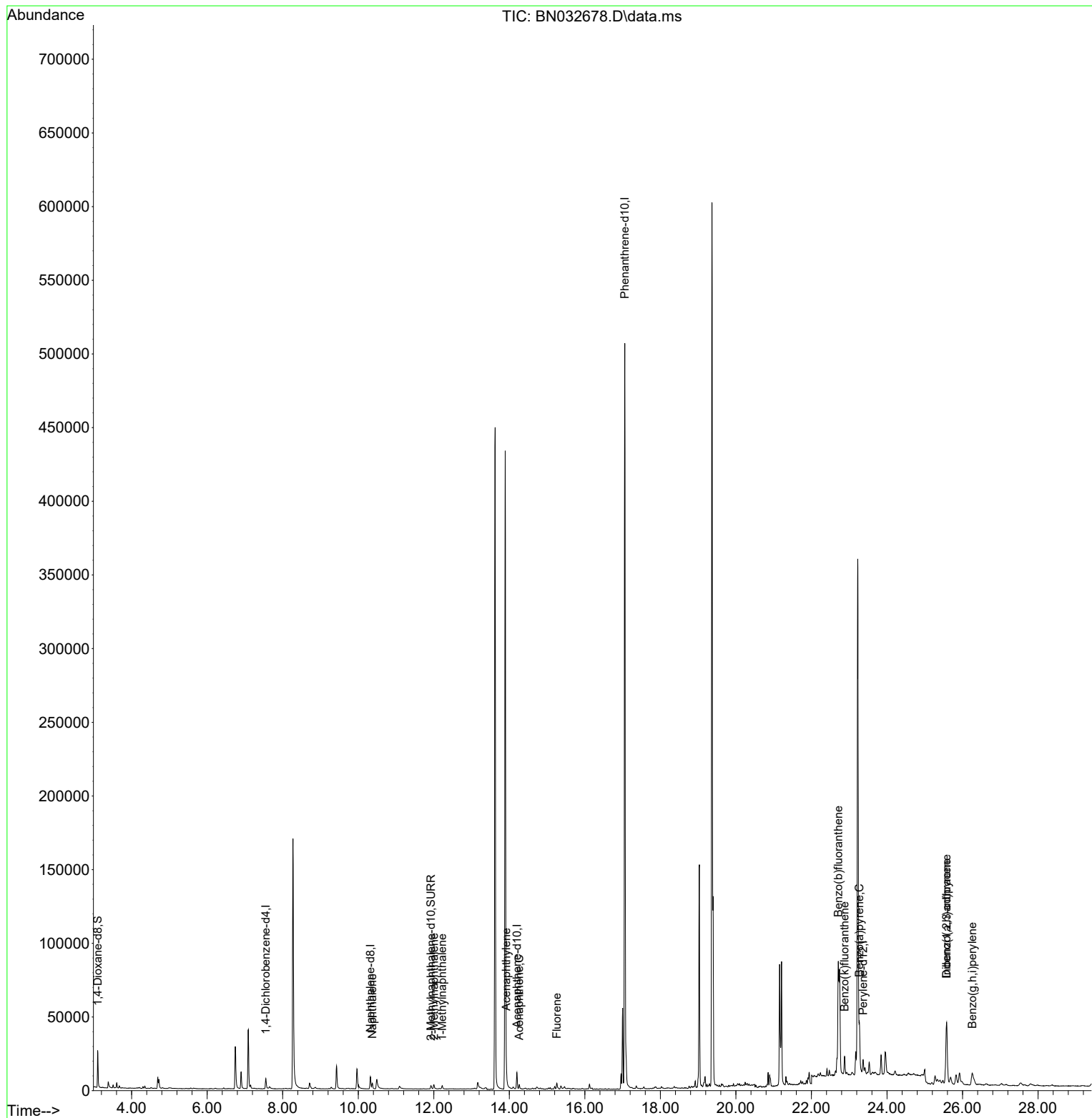
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	4227	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	12239	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	6445	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.058	188	599091	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.19
23) Perylene-d12	23.368	264	13882	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	16187	3.189	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	3960	0.214	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	7338	0.000	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	5549	0.169	ng/ul	97
7) 2-Methylnaphthalene	12.004	142	2697	0.131	ng/ul	95
8) 1-Methylnaphthalene	12.224	142	1765	0.083	ng/ul	100
10) Acenaphthylene	13.920	152	11645	0.447	ng/ul	99
11) Acenaphthene	14.262	153	1966	0.091	ng/ul	97
12) Fluorene	15.257	166	3179	0.129	ng/ul#	97
24) Benzo(b)fluoranthene	22.710	252	165608	3.381	ng/ul	95
25) Benzo(k)fluoranthene	22.877	252	15109	0.253	ng/ul#	69
26) Benzo(a)pyrene	23.269	252	44240	1.044	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.576	276	54311	0.946	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.579	278	24666	0.554	ng/ul#	65
29) Benzo(g,h,i)perylene	26.256	276	17075	0.356	ng/ul#	86

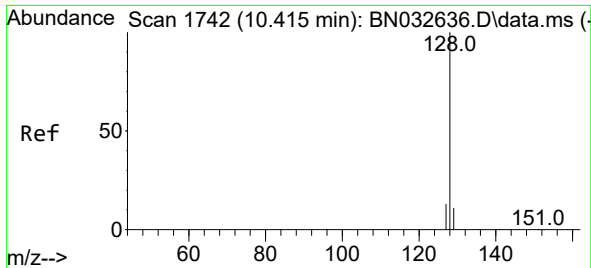
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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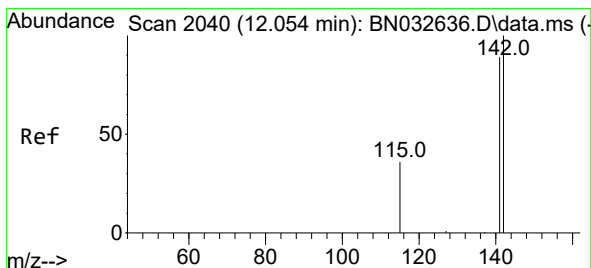
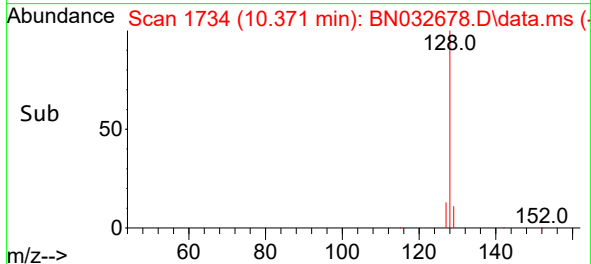
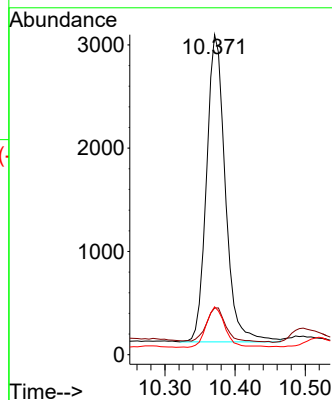
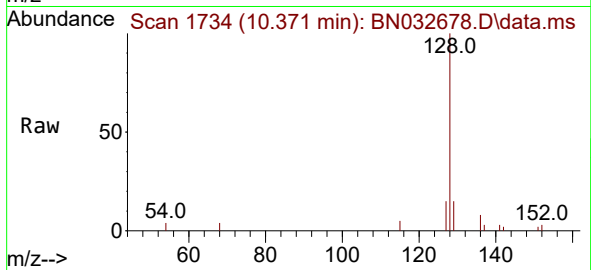




#5
Naphthalene
Concen: 0.169 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.039 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

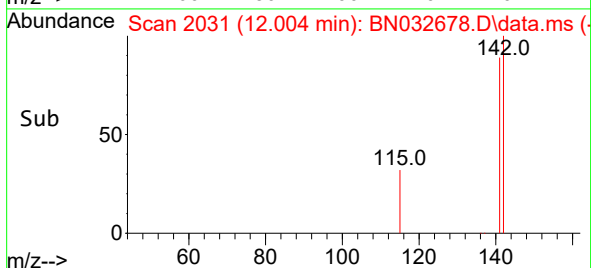
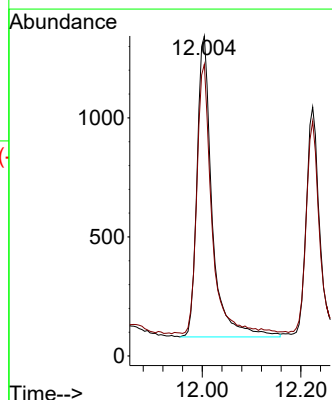
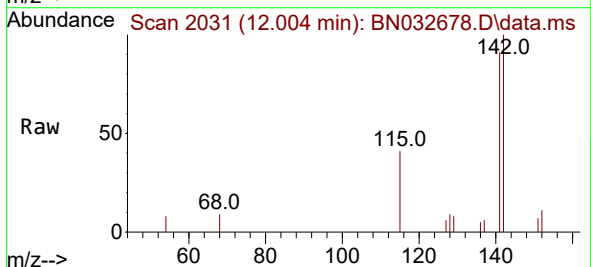
Instrument :
BNA_N
ClientSampleId :
A4CZ5

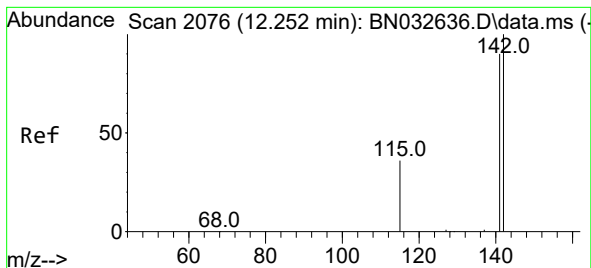
Tgt Ion:128 Resp: 5549
Ion Ratio Lower Upper
128 100
129 14.6 10.0 15.0
127 14.9 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

Tgt Ion:142 Resp: 2697
Ion Ratio Lower Upper
142 100
141 88.1 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.083 ng/ul

RT: 12.224 min Scan# 2076

Delta R.T. -0.022 min

Lab File: BN032678.D

Acq: 12 Jul 2024 18:36

Instrument :

BNA_N

ClientSampleId :

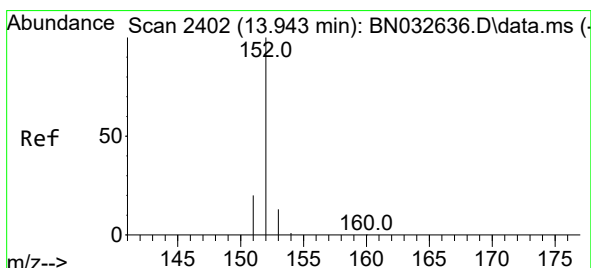
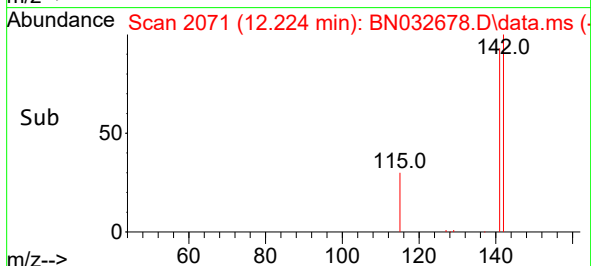
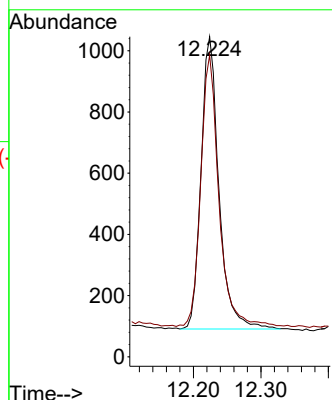
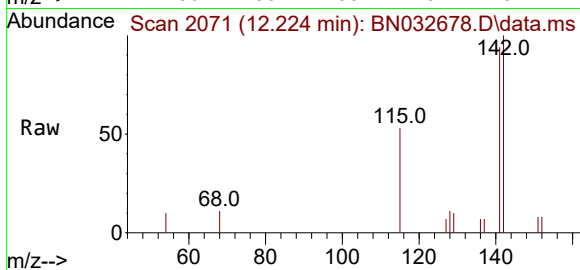
A4CZ5

Tgt Ion:142 Resp: 1765

Ion Ratio Lower Upper

142 100

141 93.6 75.0 112.4



#10

Acenaphthylene

Concen: 0.447 ng/ul

RT: 13.920 min Scan# 2397

Delta R.T. -0.023 min

Lab File: BN032678.D

Acq: 12 Jul 2024 18:36

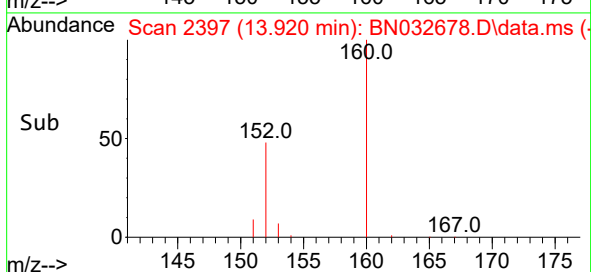
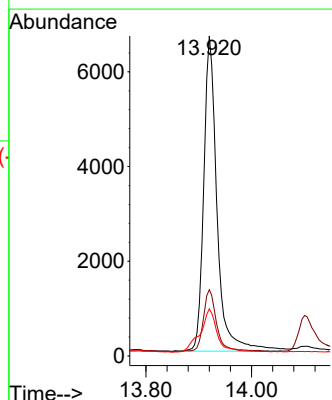
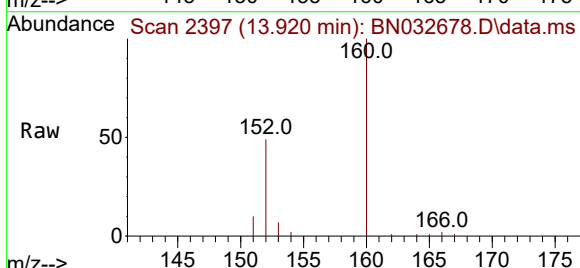
Tgt Ion:152 Resp: 11645

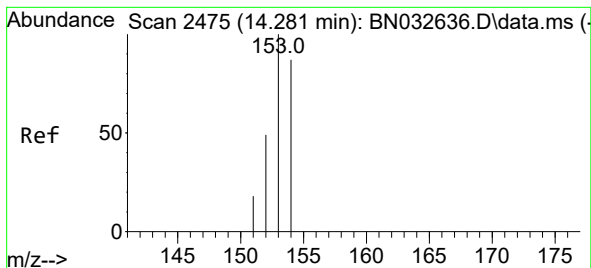
Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 14.8 11.3 16.9





#11

Acenaphthene

Concen: 0.091 ng/ul

RT: 14.262 min Scan# 2471

Delta R.T. -0.019 min

Lab File: BN032678.D

Acq: 12 Jul 2024 18:36

Instrument :

BNA_N

ClientSampleId :

A4CZ5

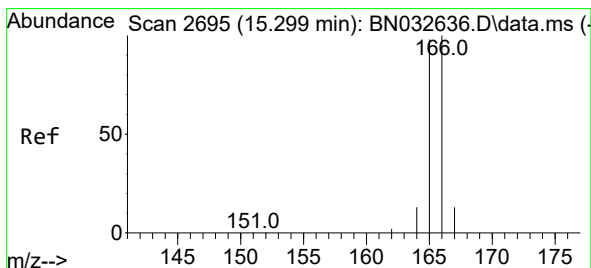
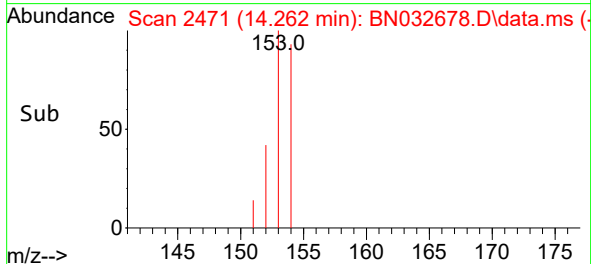
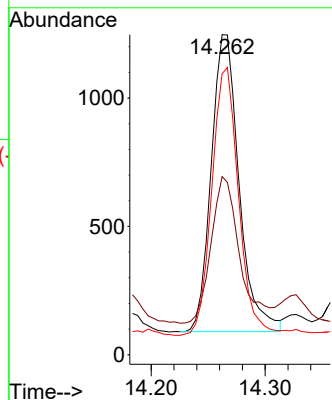
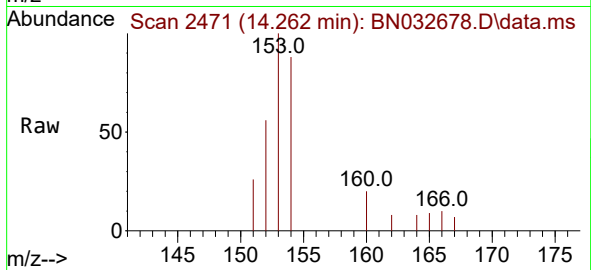
Tgt Ion:153 Resp: 1966

Ion Ratio Lower Upper

153 100

152 55.7 40.0 60.0

154 87.8 70.2 105.4



#12

Fluorene

Concen: 0.129 ng/ul

RT: 15.257 min Scan# 2686

Delta R.T. -0.032 min

Lab File: BN032678.D

Acq: 12 Jul 2024 18:36

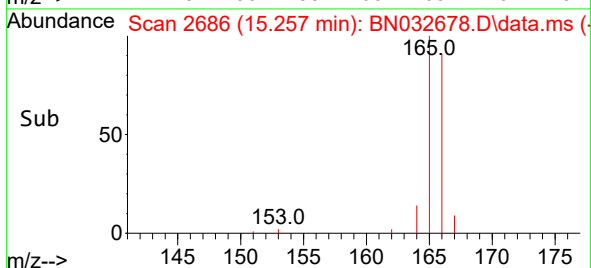
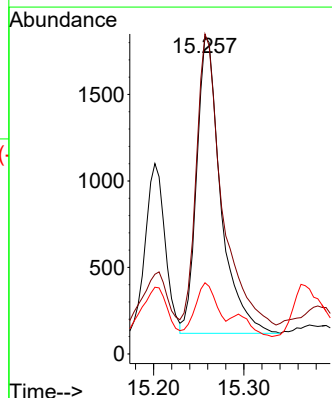
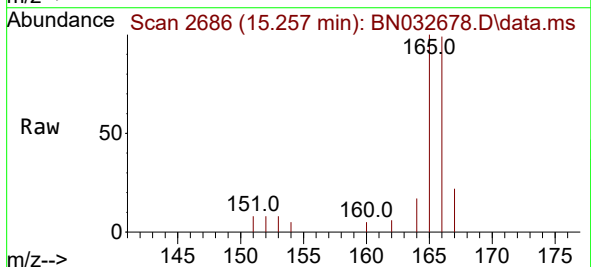
Tgt Ion:166 Resp: 3179

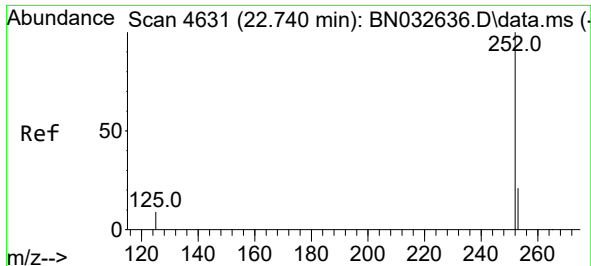
Ion Ratio Lower Upper

166 100

165 100.7 79.7 119.5

167 22.4 11.4 17.2#

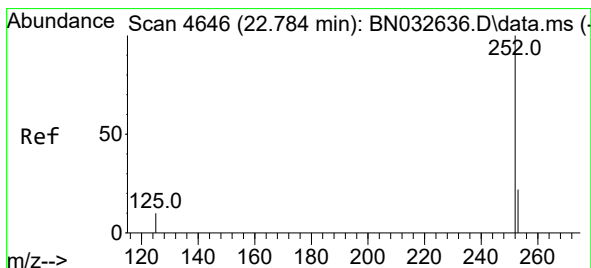
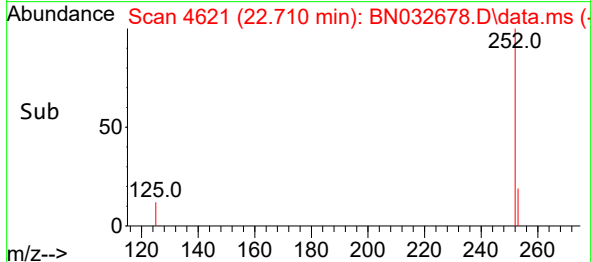
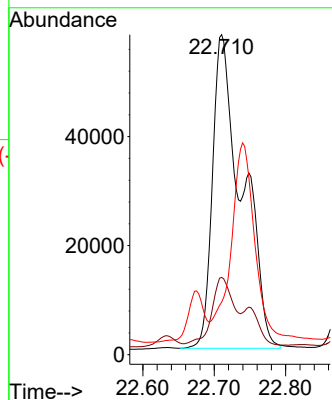
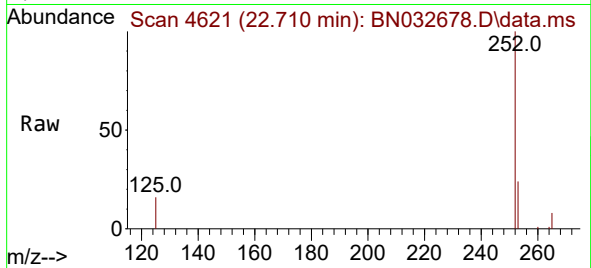




#24
Benzo(b)fluoranthene
Concen: 3.381 ng/ul
RT: 22.710 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

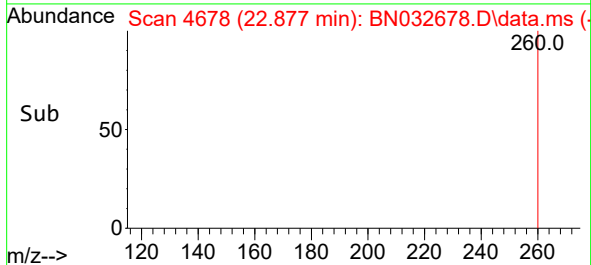
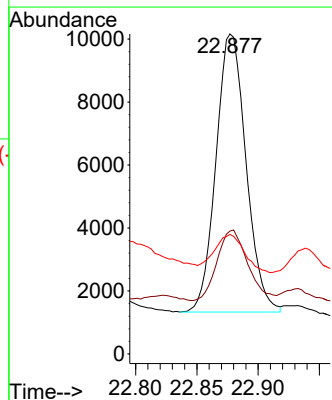
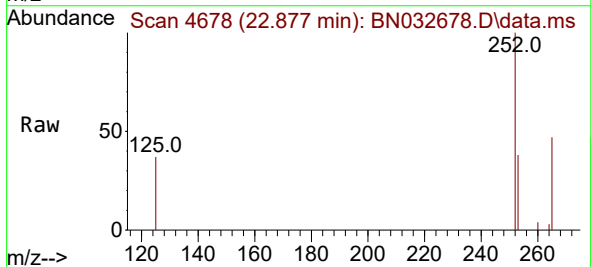
Instrument :
BNA_N
ClientSampleId :
A4CZ5

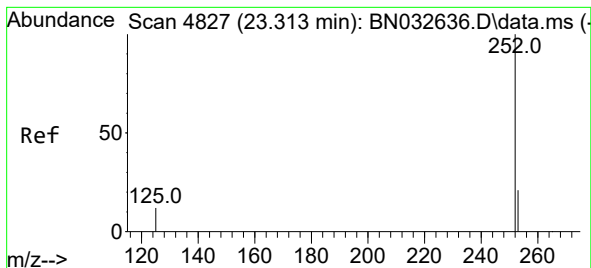
Tgt Ion:252 Resp: 165608
Ion Ratio Lower Upper
252 100
253 24.1 0.0 54.0
125 16.4 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.253 ng/ul
RT: 22.877 min Scan# 4678
Delta R.T. 0.099 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

Tgt Ion:252 Resp: 15109
Ion Ratio Lower Upper
252 100
253 38.4 21.2 31.8#
125 37.3 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 1.044 ng/ul

RT: 23.269 min Scan# 4812

Delta R.T. -0.041 min

Lab File: BN032678.D

Acq: 12 Jul 2024 18:36

Instrument :

BNA_N

ClientSampleId :

A4CZ5

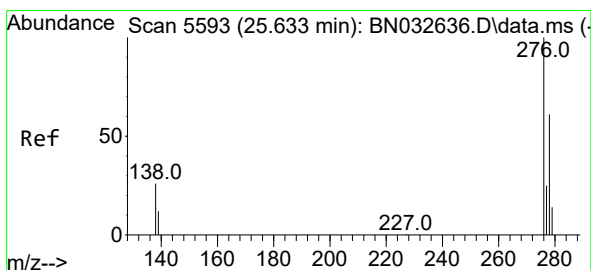
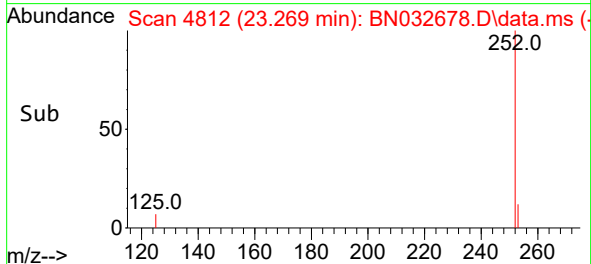
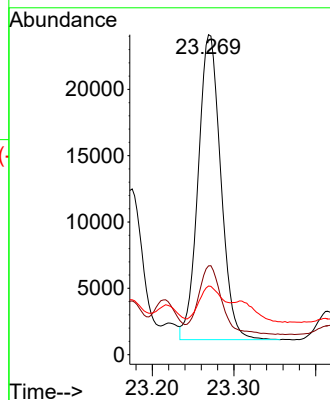
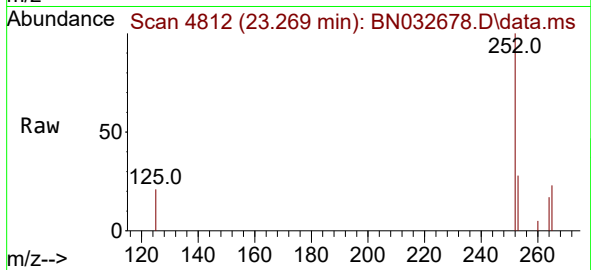
Tgt Ion:252 Resp: 44240

Ion Ratio Lower Upper

252 100

253 27.8 25.4 38.0

125 21.5 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.946 ng/ul

RT: 25.576 min Scan# 5576

Delta R.T. -0.050 min

Lab File: BN032678.D

Acq: 12 Jul 2024 18:36

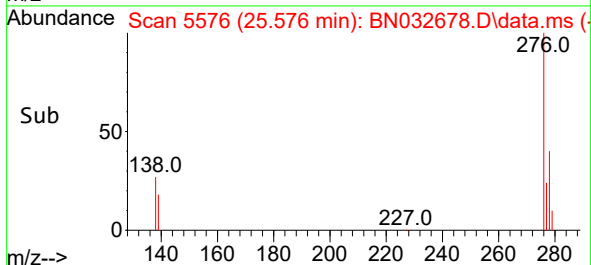
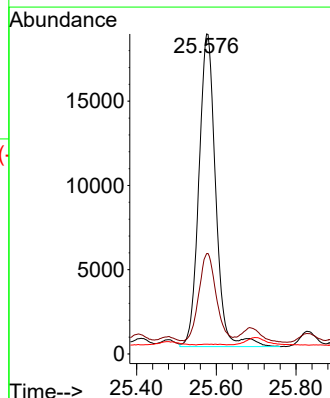
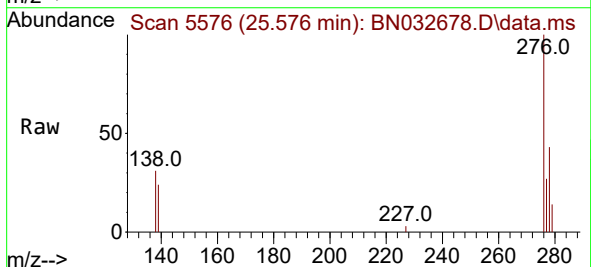
Tgt Ion:276 Resp: 54311

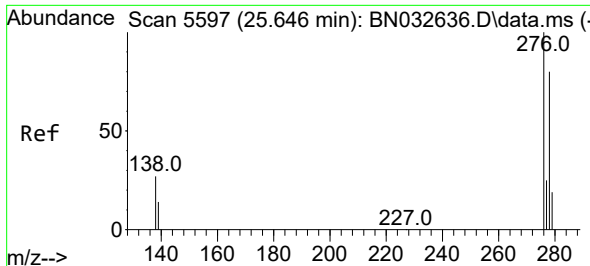
Ion Ratio Lower Upper

276 100

138 29.3 21.6 32.4

227 0.0 0.0 0.0

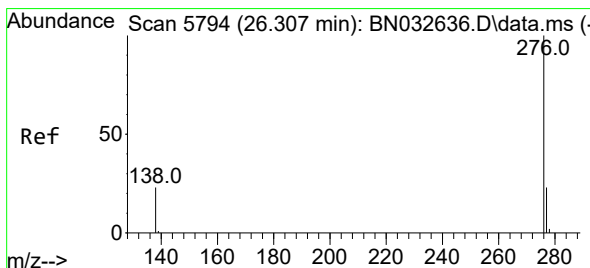
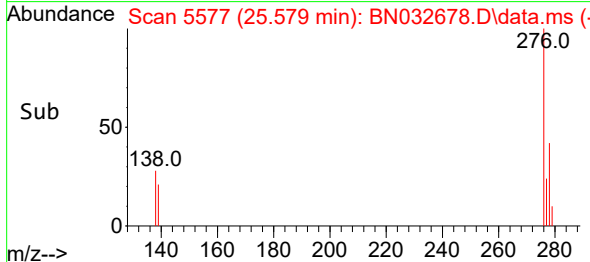
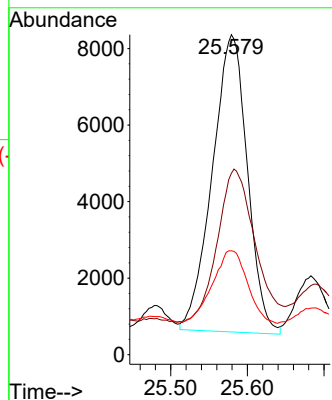
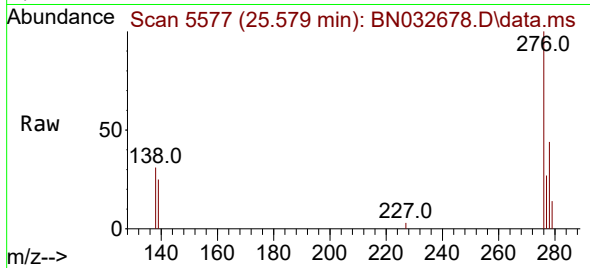




#28
Dibenzo(a,h)anthracene
Concen: 0.554 ng/ul
RT: 25.579 min Scan# 51
Delta R.T. -0.060 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

Instrument :
BNA_N
ClientSampleId :
A4CZ5

Tgt Ion:278 Resp: 24666
Ion Ratio Lower Upper
278 100
139 56.7 16.6 24.8#
279 32.5 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.356 ng/ul
RT: 26.256 min Scan# 5779
Delta R.T. -0.044 min
Lab File: BN032678.D
Acq: 12 Jul 2024 18:36

Tgt Ion:276 Resp: 17075
Ion Ratio Lower Upper
276 100
138 34.0 21.0 31.4#
277 31.8 20.6 31.0#

