

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032368.D
 Acq On : 01 Jul 2024 18:55
 Operator : MA/JU
 Sample : P2934-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B72

Quant Time: Jul 01 23:45:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

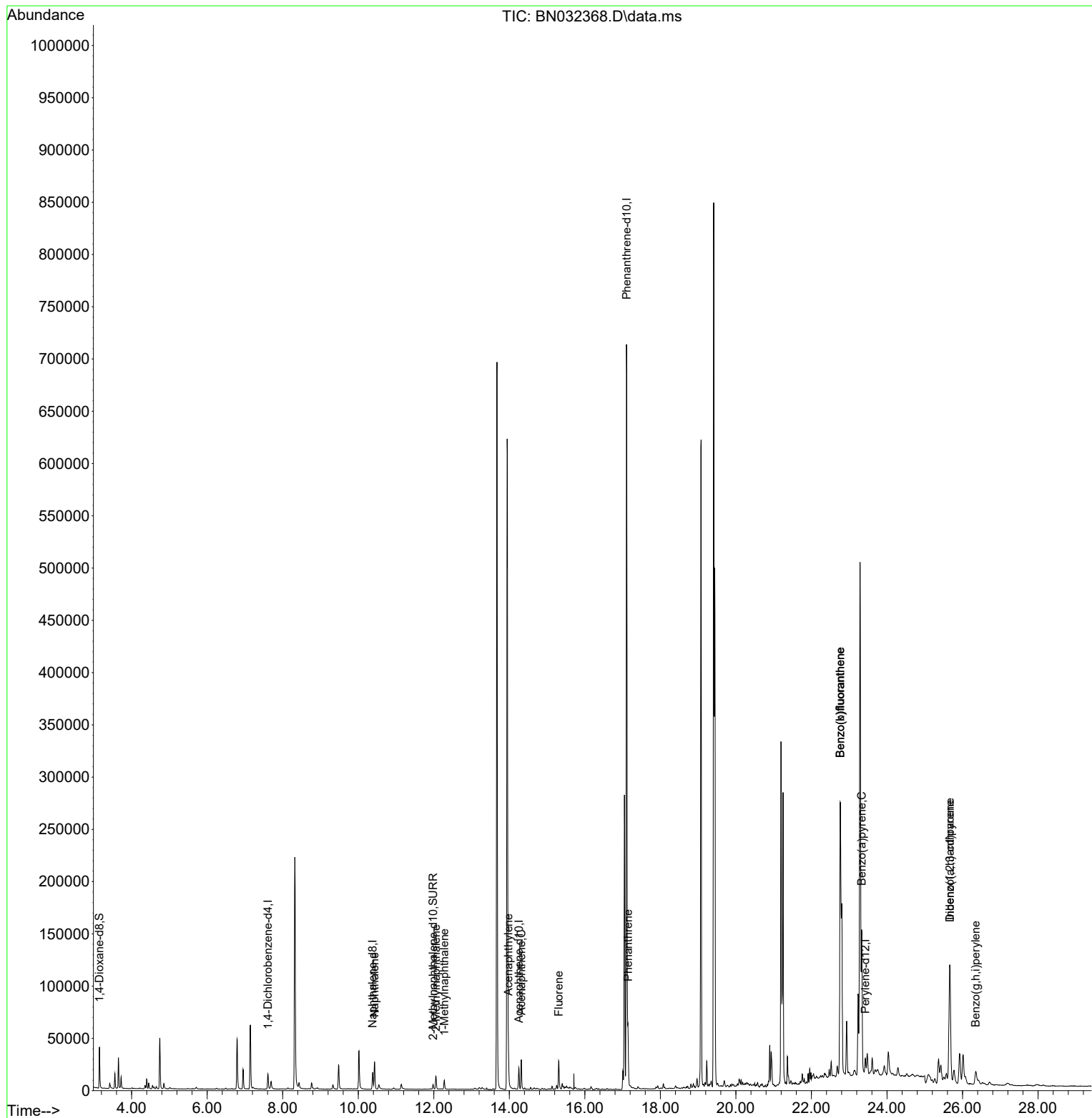
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	7992	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	22769	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	11621	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.105	188	825975	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.23
23) Perylene-d12	23.427	264	21612	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	26430	2.975	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	6891	0.202	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	11263	0.000	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.431	128	37008	0.614	ng/ul	100
7) 2-Methylnaphthalene	12.059	142	10593	0.265	ng/ul	98
8) 1-Methylnaphthalene	12.279	142	6531	0.158	ng/ul	99
10) Acenaphthylene	13.976	152	42937	0.888	ng/ul	100
11) Acenaphthene	14.318	153	16471	0.439	ng/ul	99
12) Fluorene	15.308	166	19203	0.430	ng/ul	99
15) Phenanthrene	17.143	178	60529	0.027	ng/ul	98
24) Benzo(b)fluoranthene	22.763	252	561994	5.985	ng/ul	95
25) Benzo(k)fluoranthene	22.763	252	450529	4.938	ng/ul#	94
26) Benzo(a)pyrene	23.330	252	188082	2.879	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.663	276	175780	1.718	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.666	278	54643	0.719	ng/ul#	89
29) Benzo(g,h,i)perylene	26.351	276	27396	0.336	ng/ul#	87

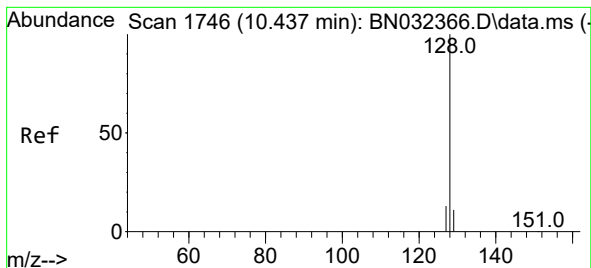
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.614 ng/ul

RT: 10.431 min Scan# 1745

Delta R.T. -0.017 min

Lab File: BN032368.D

Acq: 01 Jul 2024 18:55

Instrument :

BNA_N

ClientSampleId :

A4B72

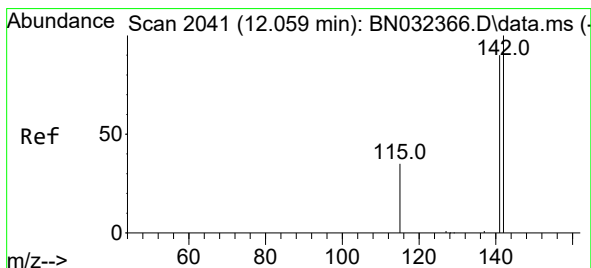
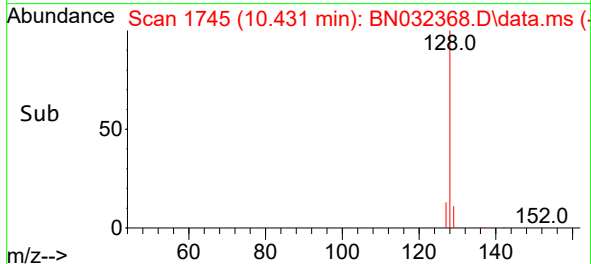
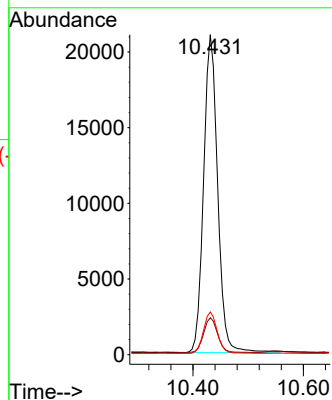
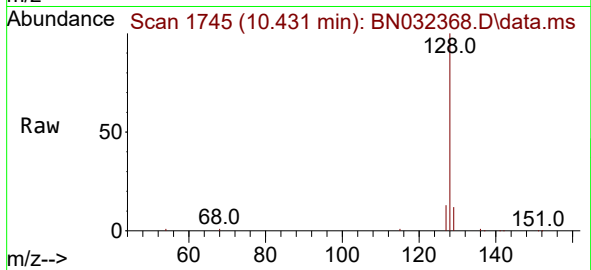
Tgt Ion:128 Resp: 37008

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

127 13.4 10.8 16.2



#7

2-Methylnaphthalene

Concen: 0.265 ng/ul

RT: 12.059 min Scan# 2041

Delta R.T. -0.017 min

Lab File: BN032368.D

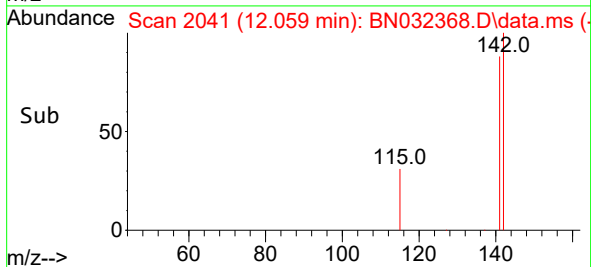
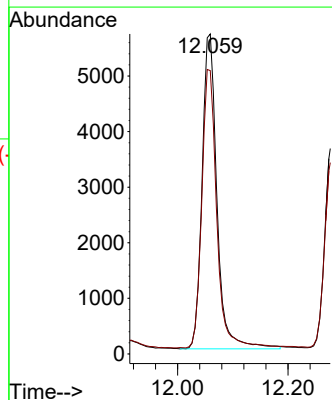
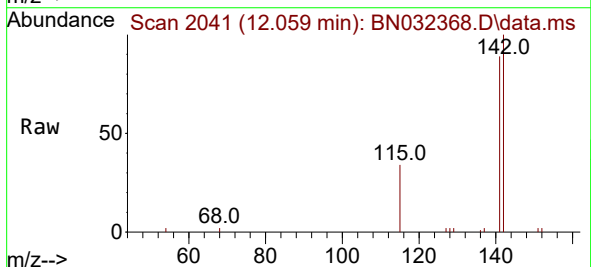
Acq: 01 Jul 2024 18:55

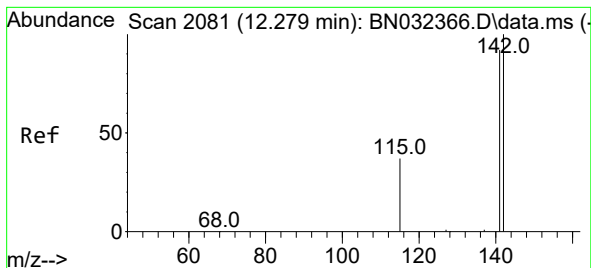
Tgt Ion:142 Resp: 10593

Ion Ratio Lower Upper

142 100

141 88.5 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.158 ng/ul

RT: 12.279 min Scan# 2081

Delta R.T. -0.017 min

Lab File: BN032368.D

Acq: 01 Jul 2024 18:55

Instrument :

BNA_N

ClientSampleId :

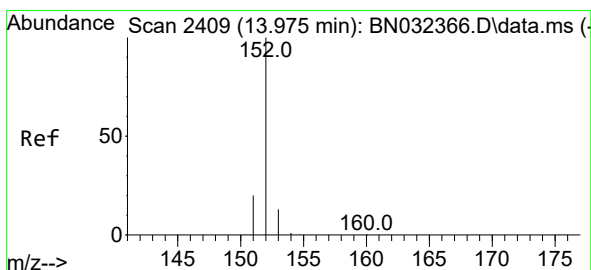
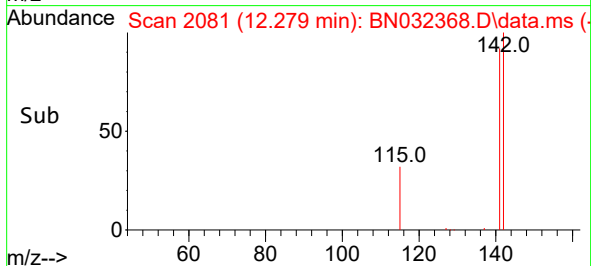
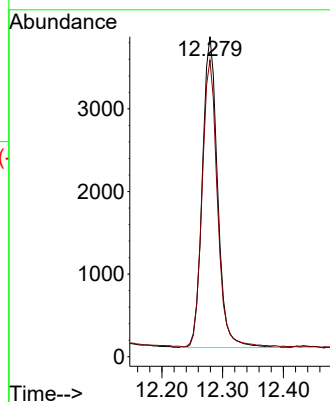
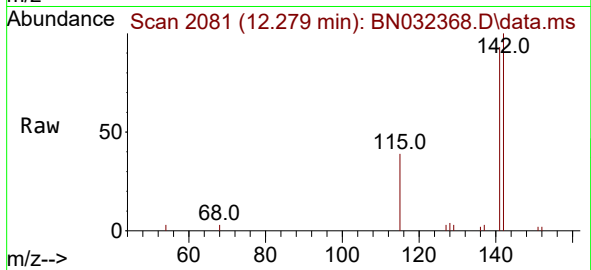
A4B72

Tgt Ion:142 Resp: 6531

Ion Ratio Lower Upper

142 100

141 93.0 73.4 110.0



#10

Acenaphthylene

Concen: 0.888 ng/ul

RT: 13.976 min Scan# 2409

Delta R.T. -0.014 min

Lab File: BN032368.D

Acq: 01 Jul 2024 18:55

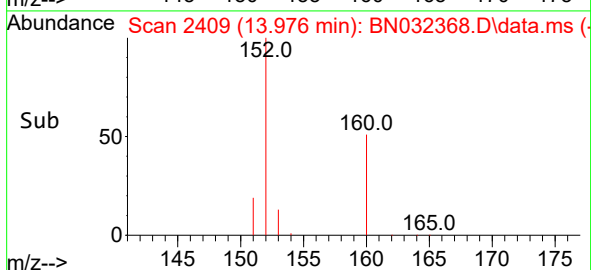
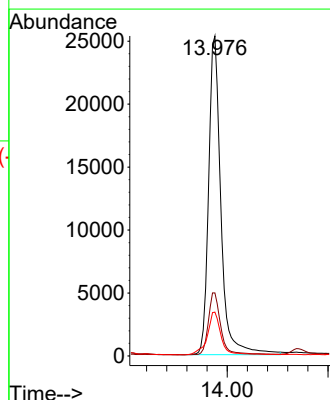
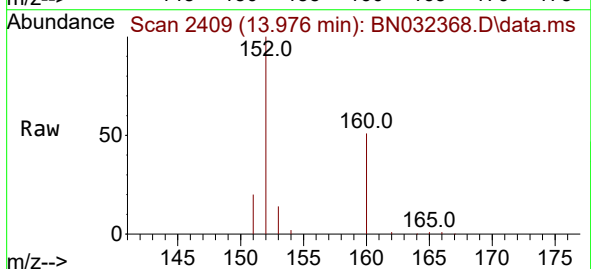
Tgt Ion:152 Resp: 42937

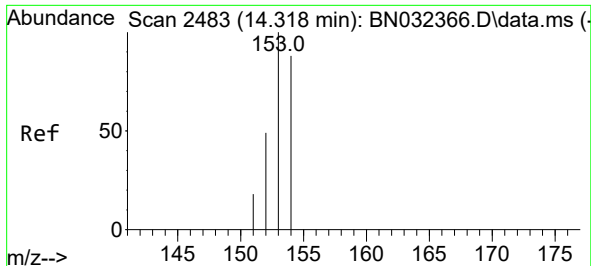
Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.7 10.9 16.3

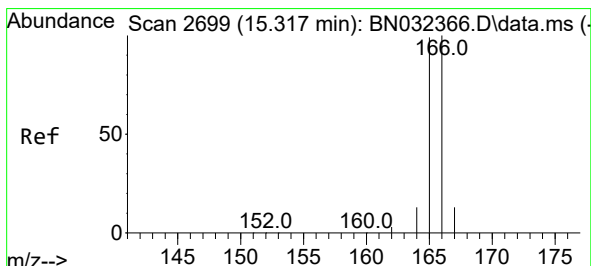
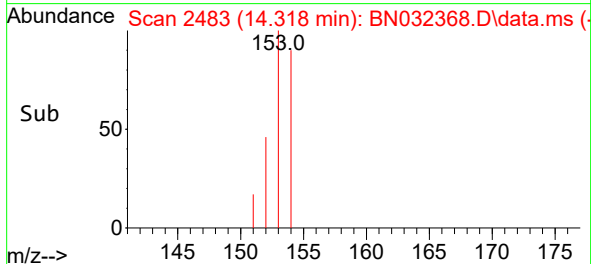
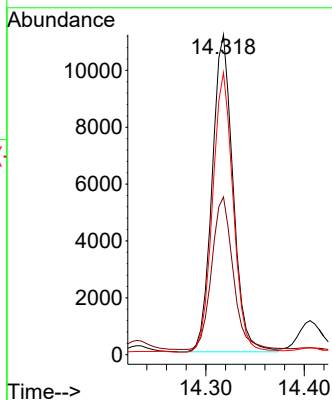
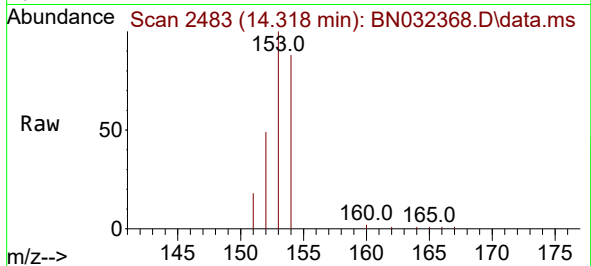




#11
Acenaphthene
Concen: 0.439 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032368.D
Acq: 01 Jul 2024 18:55

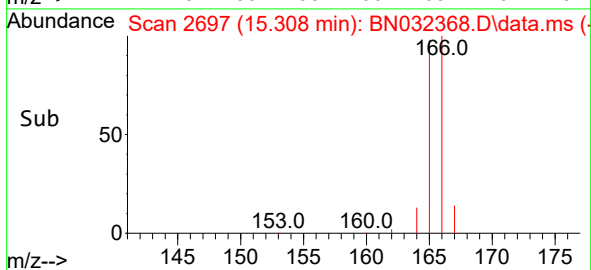
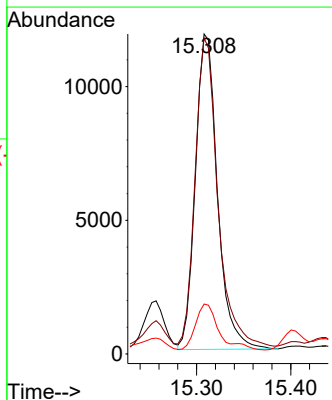
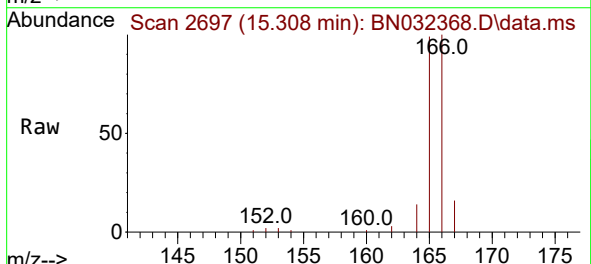
Instrument :
BNA_N
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A4B72

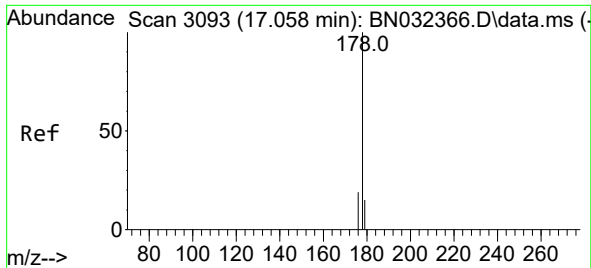
Tgt Ion:153 Resp: 16471
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 88.2 71.7 107.5



#12
Fluorene
Concen: 0.430 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032368.D
Acq: 01 Jul 2024 18:55

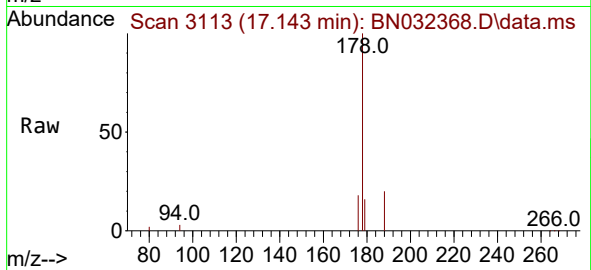
Tgt Ion:166 Resp: 19203
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.6
167 15.6 11.0 16.6



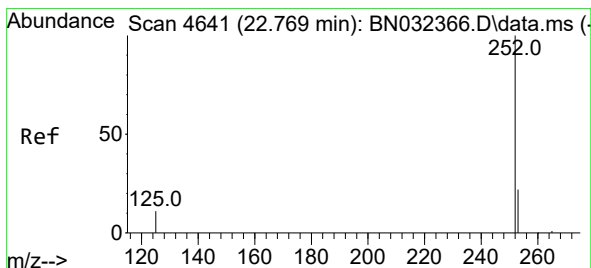
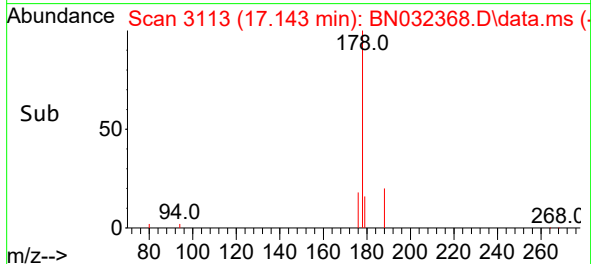
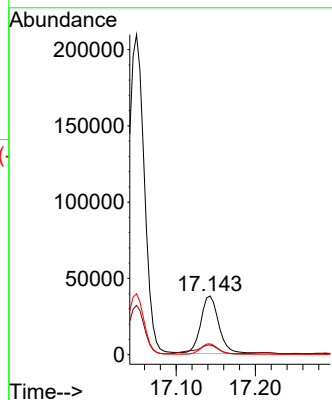


#15
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.143 min Scan# 3113
Delta R.T. 0.076 min
Lab File: BN032368.D
Acq: 01 Jul 2024 18:55

Instrument :
BNA_N
ClientSampleId :
A4B72

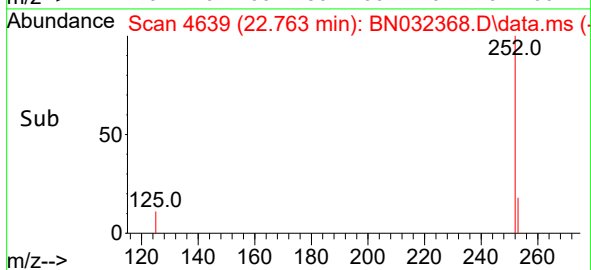
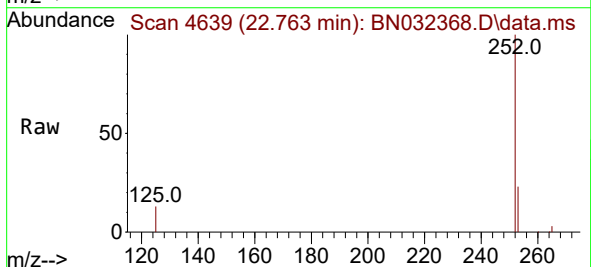
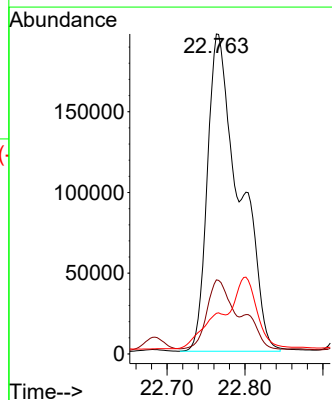


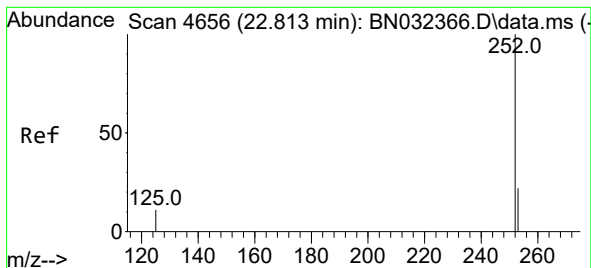
Tgt Ion:178 Resp: 60529
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 18.5 15.6 23.4



#24
Benzo(b)fluoranthene
Concen: 5.985 ng/ul
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032368.D
Acq: 01 Jul 2024 18:55

Tgt Ion:252 Resp: 561994
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.2
125 12.7 0.0 32.0





#25

Benzo(k)fluoranthene

Concen: 4.938 ng/ul

RT: 22.763 min Scan# 4639

Delta R.T. -0.064 min

Lab File: BN032368.D

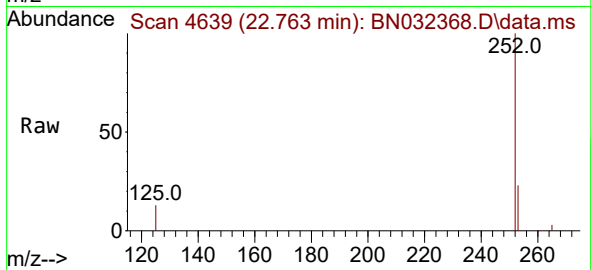
Acq: 01 Jul 2024 18:55

Instrument :

BNA_N

ClientSampleId :

A4B72



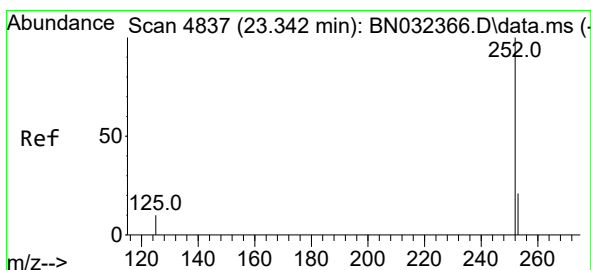
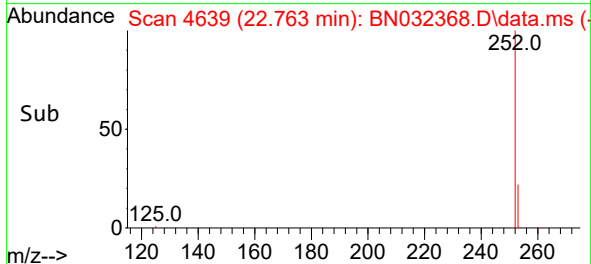
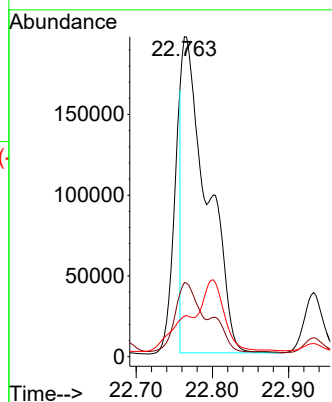
Tgt Ion:252 Resp: 450529

Ion Ratio Lower Upper

252 100

253 23.2 20.3 30.5

125 12.7 12.8 19.2#



#26

Benzo(a)pyrene

Concen: 2.879 ng/ul

RT: 23.330 min Scan# 4833

Delta R.T. -0.029 min

Lab File: BN032368.D

Acq: 01 Jul 2024 18:55

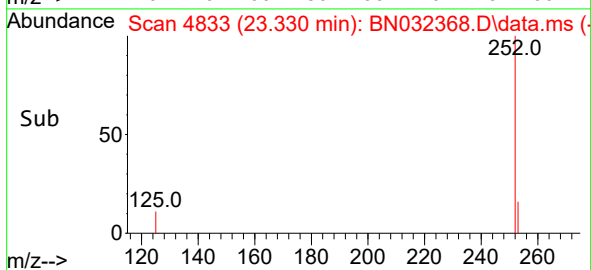
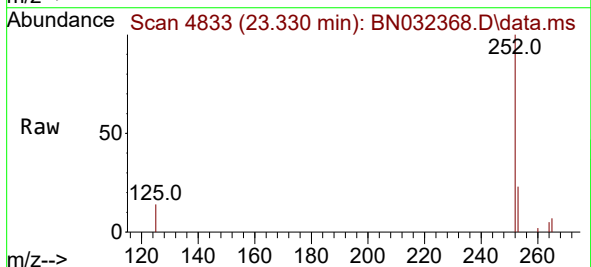
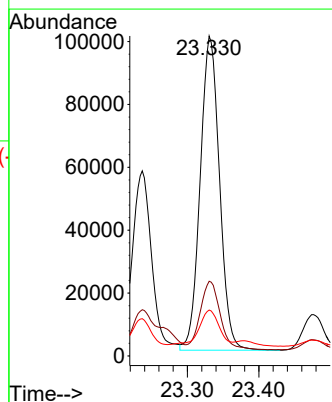
Tgt Ion:252 Resp: 188082

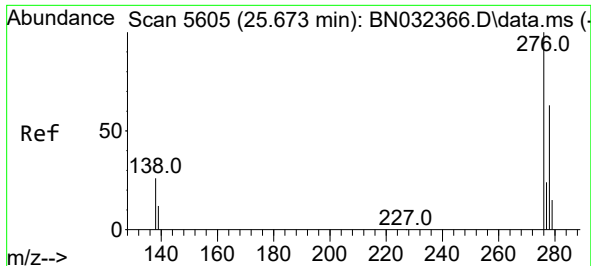
Ion Ratio Lower Upper

252 100

253 23.3 22.2 33.2

125 14.3 16.4 24.6#

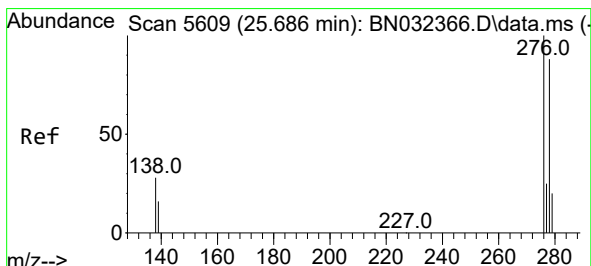
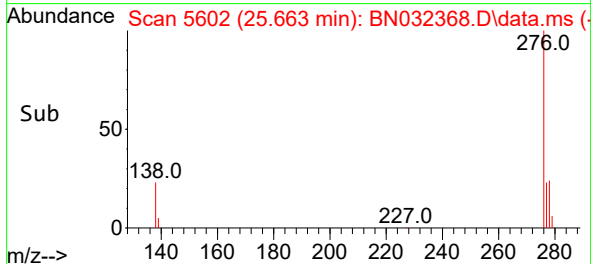
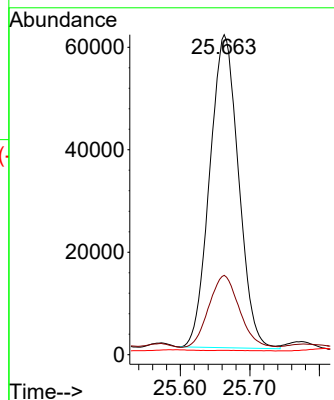
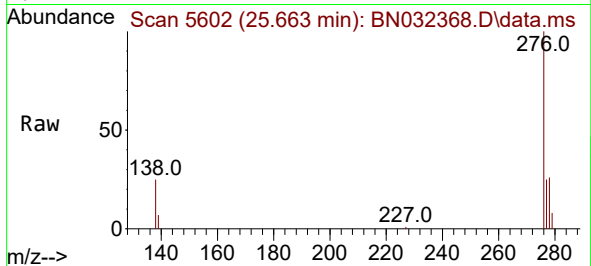




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.718 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032368.D
Acq: 01 Jul 2024 18:55

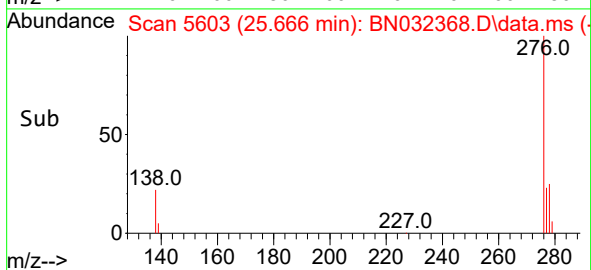
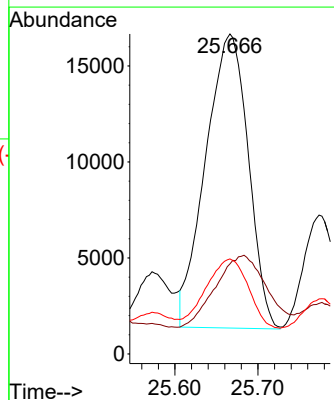
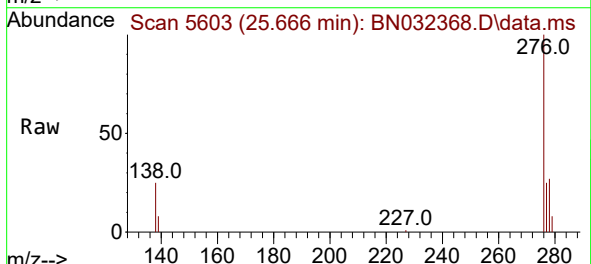
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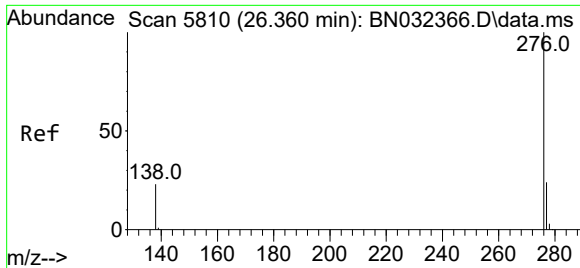
Tgt Ion:276 Resp: 175780
Ion Ratio Lower Upper
276 100
138 25.2 21.3 31.9
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.719 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. -0.044 min
Lab File: BN032368.D
Acq: 01 Jul 2024 18:55

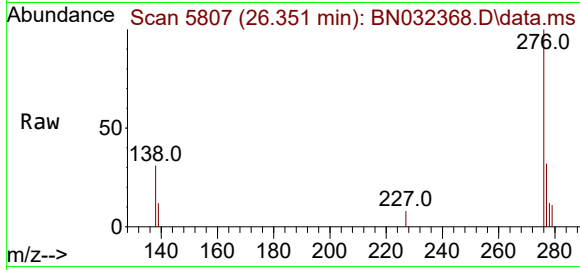
Tgt Ion:278 Resp: 54643
Ion Ratio Lower Upper
278 100
139 28.1 15.9 23.9#
279 29.7 21.1 31.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.336 ng/ul
 RT: 26.351 min Scan# 51
 Delta R.T. -0.030 min
 Lab File: BN032368.D
 Acq: 01 Jul 2024 18:55

Instrument :
 BNA_N
 ClientSampleId :
 A4B72



Tgt Ion:276 Resp: 27396
 Ion Ratio Lower Upper
 276 100
 138 31.2 19.8 29.6#
 277 31.5 19.8 29.6#

