

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032472.D
 Acq On : 04 Jul 2024 13:21
 Operator : MA/JU
 Sample : P2964-13
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT0

Quant Time: Jul 04 23:06:10 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

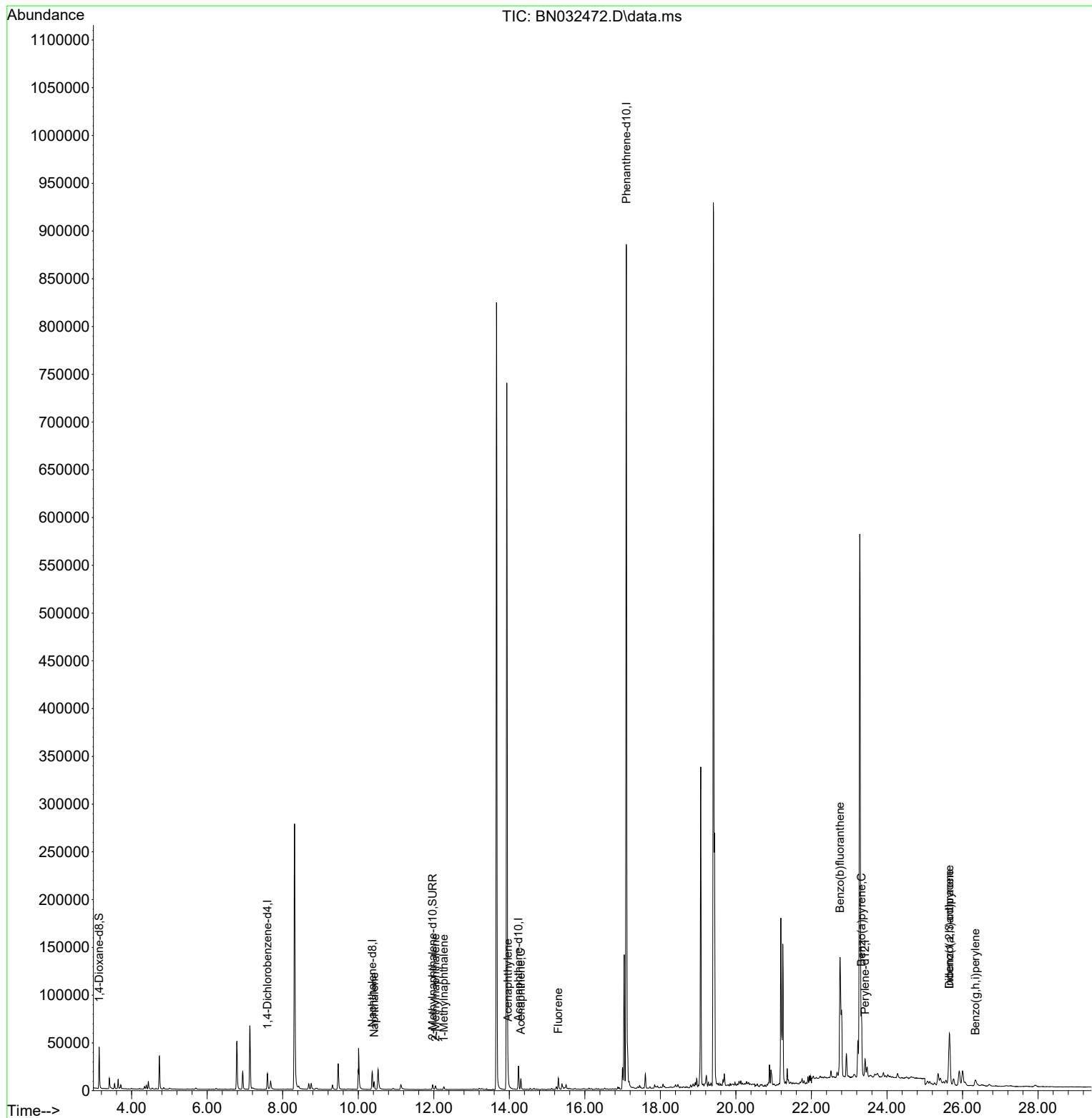
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	8990	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	26644	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	14500	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.100	188	1040914	0.400	ng/ul	0.09
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.21
23) Perylene-d12	23.421	264	26241	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	29214	2.924	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	7397	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	14247	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	10719	0.152	ng/ul	98
7) 2-Methylnaphthalene	12.048	142	3269	0.070	ng/ul	97
8) 1-Methylnaphthalene	12.268	142	2292	0.047	ng/ul	98
10) Acenaphthylene	13.966	152	14473	0.240	ng/ul	97
11) Acenaphthene	14.304	153	6763	0.144	ng/ul	98
12) Fluorene	15.299	166	7991	0.143	ng/ul#	98
24) Benzo(b)fluoranthene	22.757	252	285254	2.502	ng/ul	98
26) Benzo(a)pyrene	23.324	252	87801	1.107	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.653	276	81770	0.658	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.653	278	28360	0.307	ng/ul#	82
29) Benzo(g,h,i)perylene	26.340	276	13340	0.135	ng/ul#	74

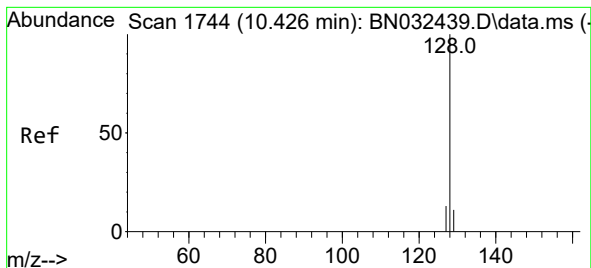
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.152 ng/ul

RT: 10.420 min Scan# 1743

Delta R.T. -0.011 min

Lab File: BN032472.D

Acq: 04 Jul 2024 13:21

Instrument :

BNA_N

ClientSampleId :

A4CT0

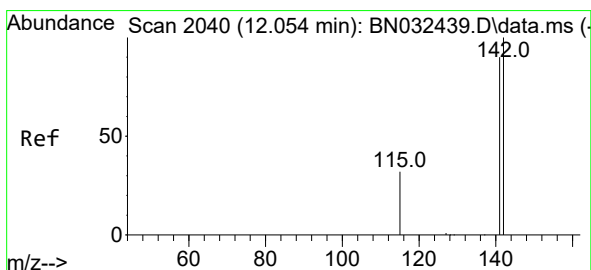
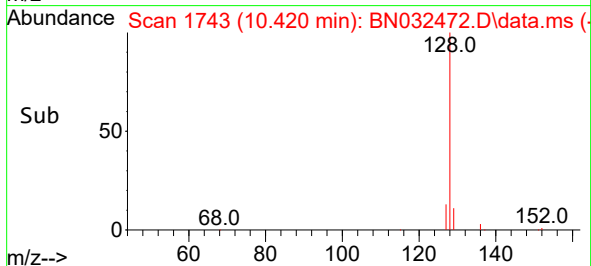
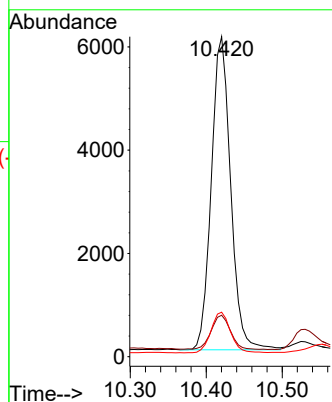
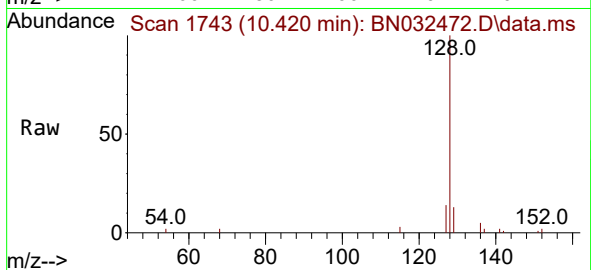
Tgt Ion:128 Resp: 10719

Ion Ratio Lower Upper

128 100

129 13.0 9.2 13.8

127 13.9 10.8 16.2



#7

2-Methylnaphthalene

Concen: 0.070 ng/ul

RT: 12.048 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BN032472.D

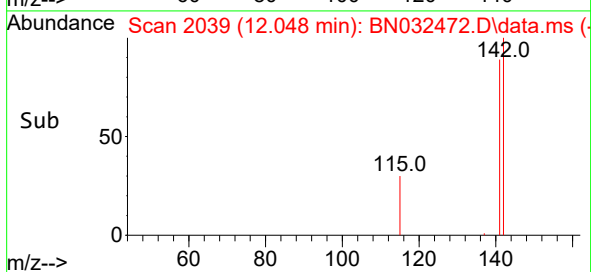
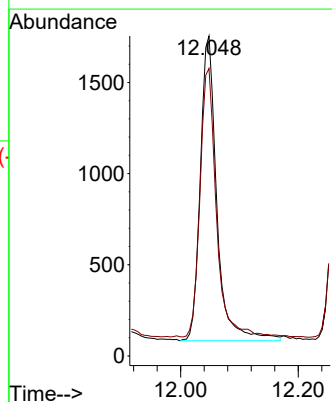
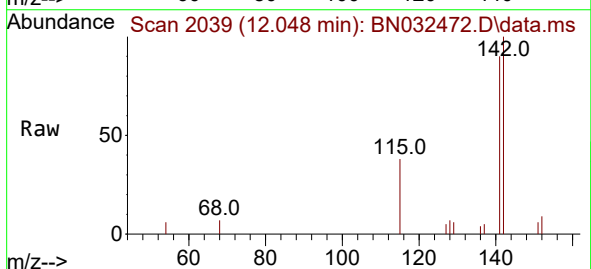
Acq: 04 Jul 2024 13:21

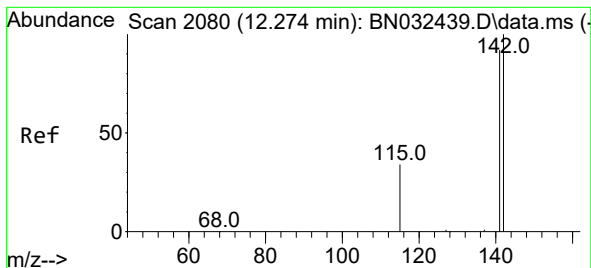
Tgt Ion:142 Resp: 3269

Ion Ratio Lower Upper

142 100

141 87.0 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.047 ng/ul

RT: 12.268 min Scan# 2080

Delta R.T. -0.006 min

Lab File: BN032472.D

Acq: 04 Jul 2024 13:21

Instrument :

BNA_N

ClientSampleId :

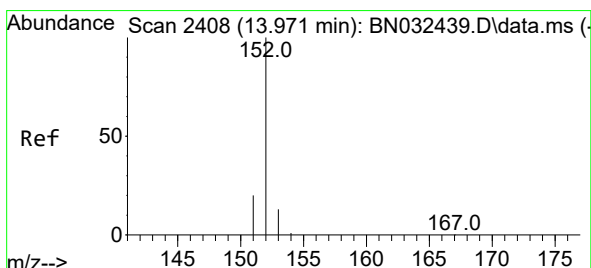
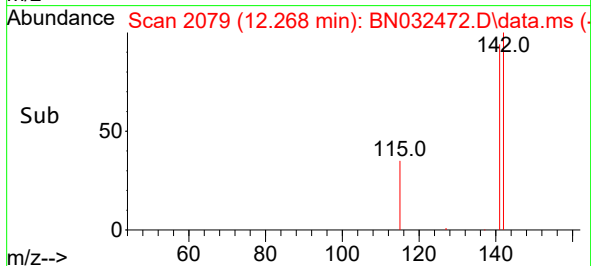
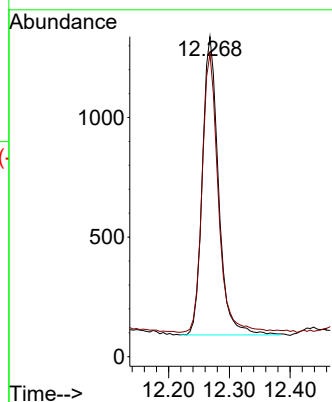
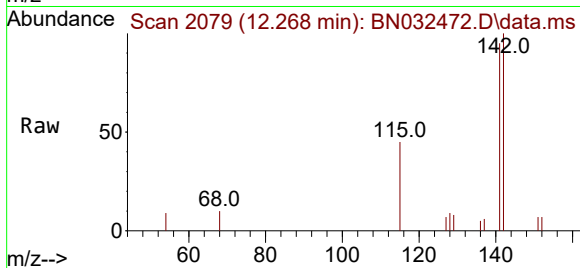
A4CT0

Tgt Ion:142 Resp: 2292

Ion Ratio Lower Upper

142 100

141 93.7 73.4 110.0



#10

Acenaphthylene

Concen: 0.240 ng/ul

RT: 13.966 min Scan# 2407

Delta R.T. -0.005 min

Lab File: BN032472.D

Acq: 04 Jul 2024 13:21

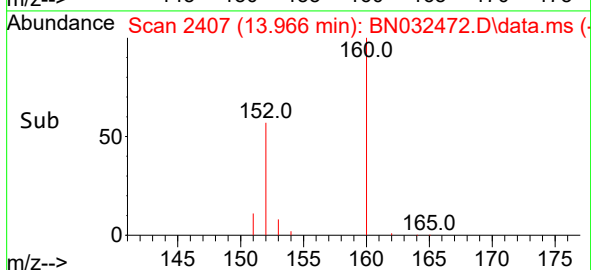
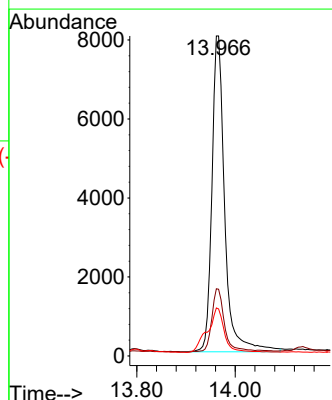
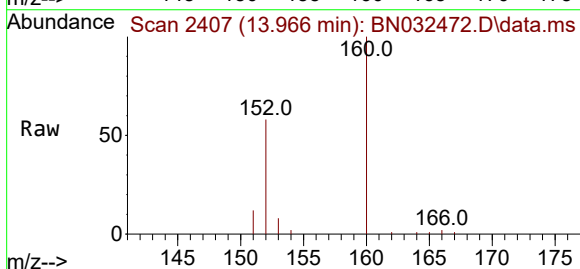
Tgt Ion:152 Resp: 14473

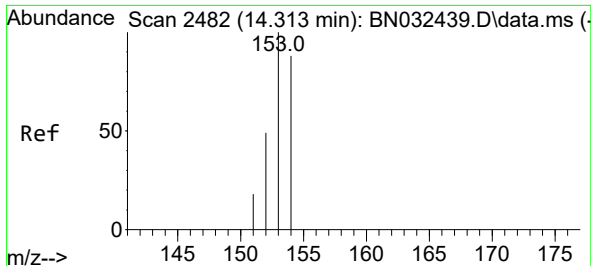
Ion Ratio Lower Upper

152 100

151 20.8 15.7 23.5

153 14.7 10.9 16.3

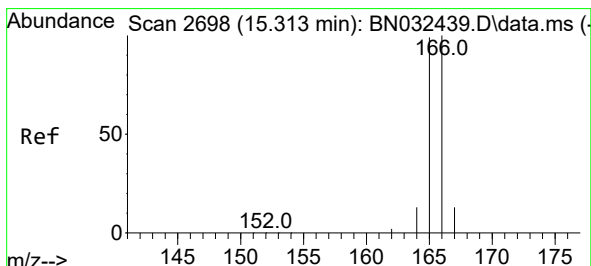
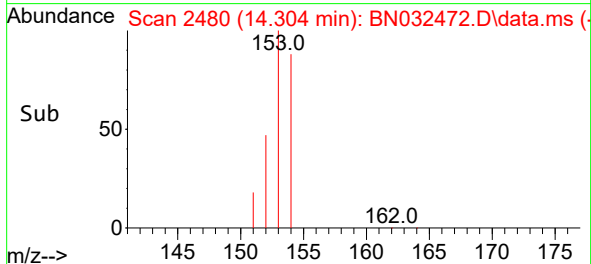
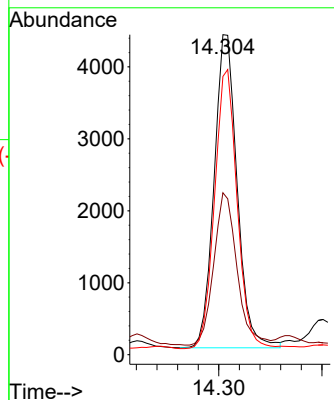
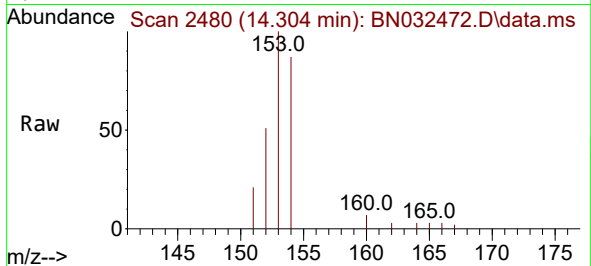




#11
Acenaphthene
Concen: 0.144 ng/ul
RT: 14.304 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

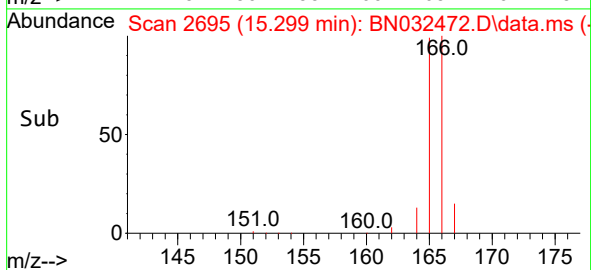
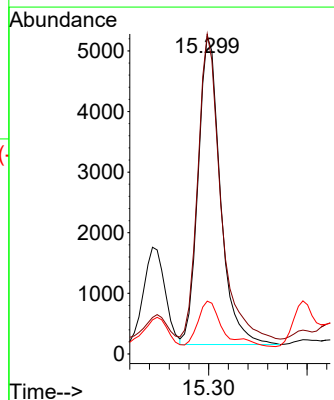
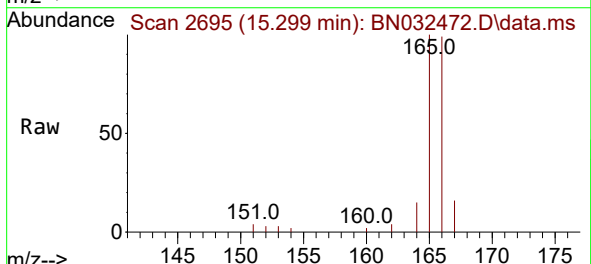
Instrument :
BNA_N
ClientSampleId :
A4CT0

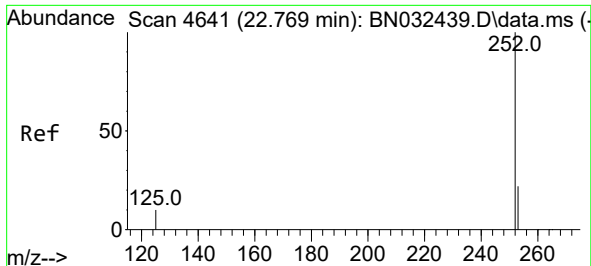
Tgt Ion:153 Resp: 6763
Ion Ratio Lower Upper
153 100
152 50.6 39.5 59.3
154 86.9 71.7 107.5



#12
Fluorene
Concen: 0.143 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

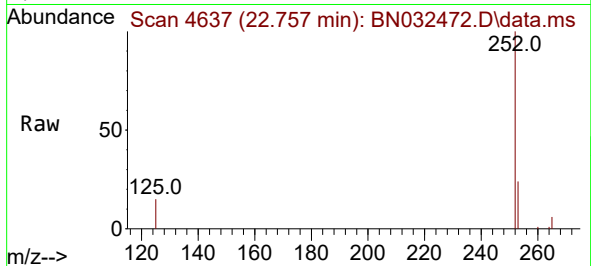
Tgt Ion:166 Resp: 7991
Ion Ratio Lower Upper
166 100
165 100.6 79.0 118.6
167 16.6 11.0 16.6#



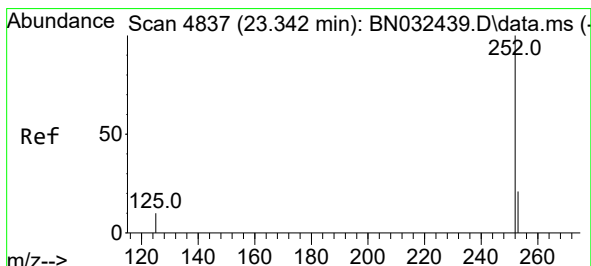
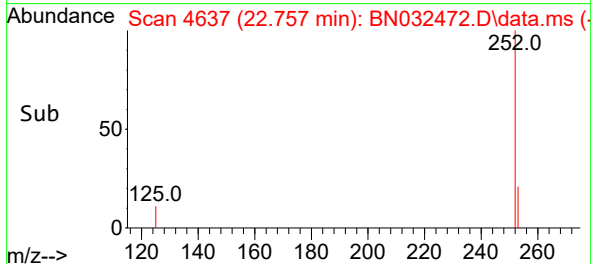
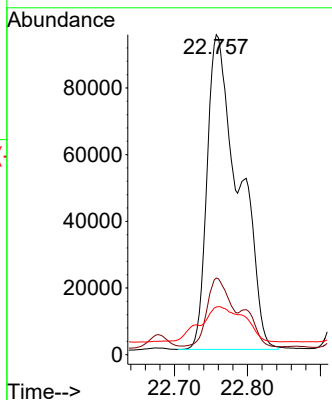


#24
Benzo(b)fluoranthene
Concen: 2.502 ng/ul
RT: 22.757 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

Instrument :
BNA_N
ClientSampleId :
A4CT0

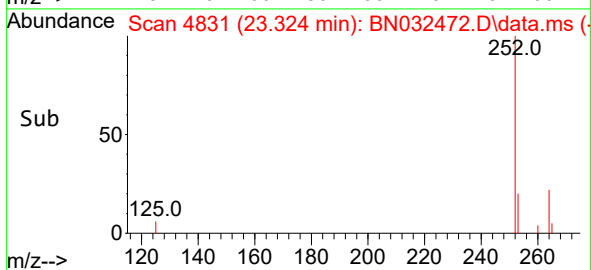
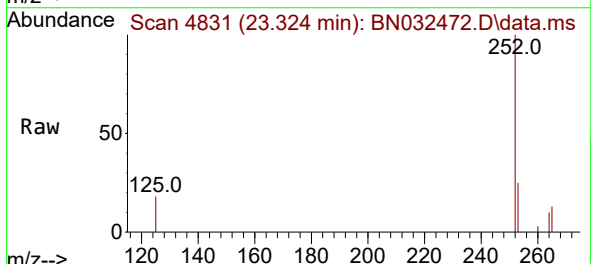
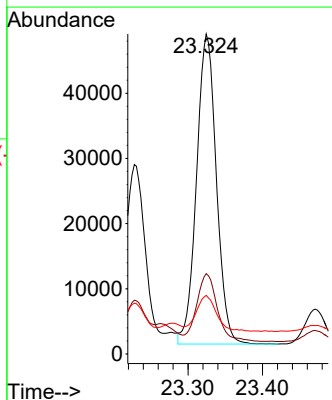


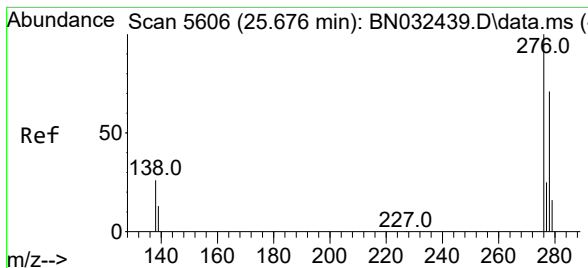
Tgt Ion:252 Resp: 285254
Ion Ratio Lower Upper
252 100
253 24.0 0.0 50.2
125 14.9 0.0 32.0



#26
Benzo(a)pyrene
Concen: 1.107 ng/ul
RT: 23.324 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

Tgt Ion:252 Resp: 87801
Ion Ratio Lower Upper
252 100
253 25.1 22.2 33.2
125 18.3 16.4 24.6





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.658 ng/ul

RT: 25.653 min Scan# 5599

Delta R.T. -0.007 min

Lab File: BN032472.D

Acq: 04 Jul 2024 13:21

Instrument :

BNA_N

ClientSampleId :

A4CT0

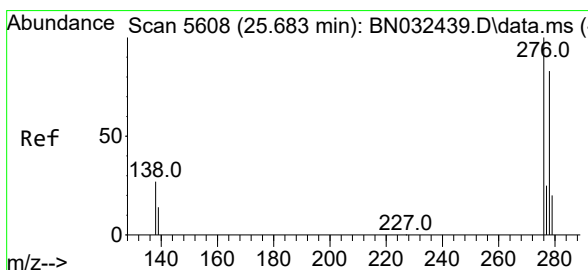
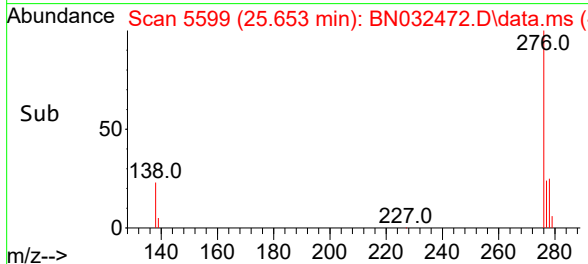
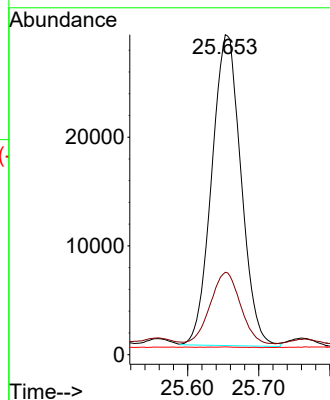
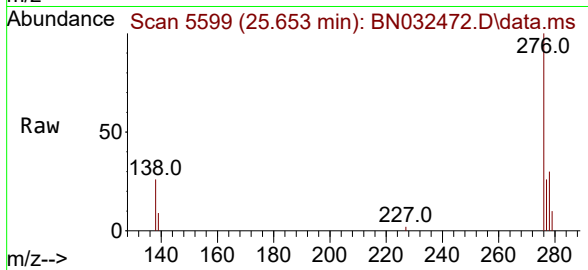
Tgt Ion:276 Resp: 81770

Ion Ratio Lower Upper

276 100

138 23.8 21.3 31.9

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.307 ng/ul

RT: 25.653 min Scan# 5599

Delta R.T. -0.013 min

Lab File: BN032472.D

Acq: 04 Jul 2024 13:21

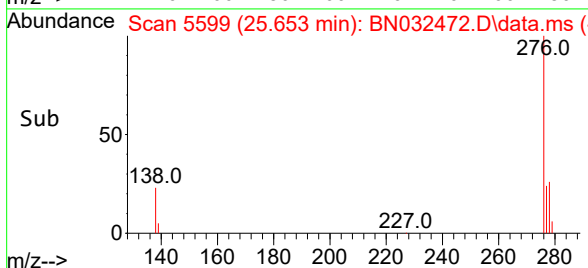
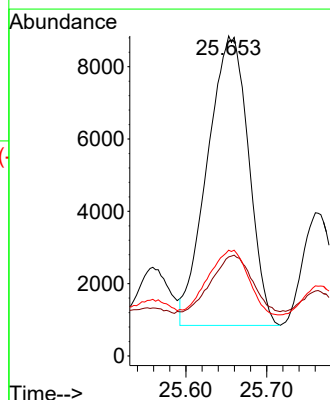
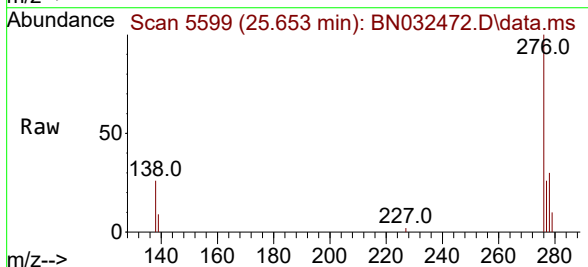
Tgt Ion:278 Resp: 28360

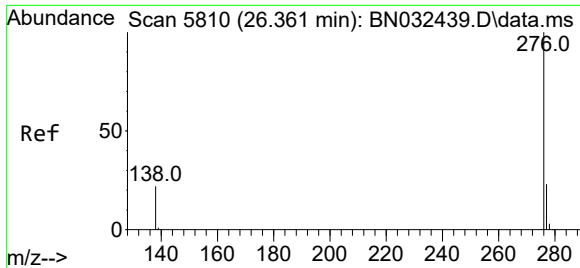
Ion Ratio Lower Upper

278 100

139 30.9 15.9 23.9#

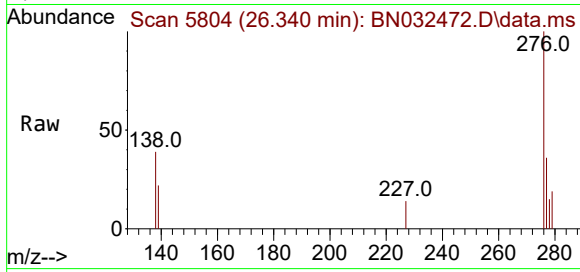
279 33.0 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.135 ng/ul
RT: 26.340 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

Instrument :
BNA_N
ClientSampleId :
A4CT0



Tgt Ion:276 Resp: 13340
Ion Ratio Lower Upper
276 100
138 38.6 19.8 29.6#
277 36.4 19.8 29.6#

