

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032480.D
 Acq On : 04 Jul 2024 18:46
 Operator : MA/JU
 Sample : P3065-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE8

Quant Time: Jul 04 23:07:38 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)

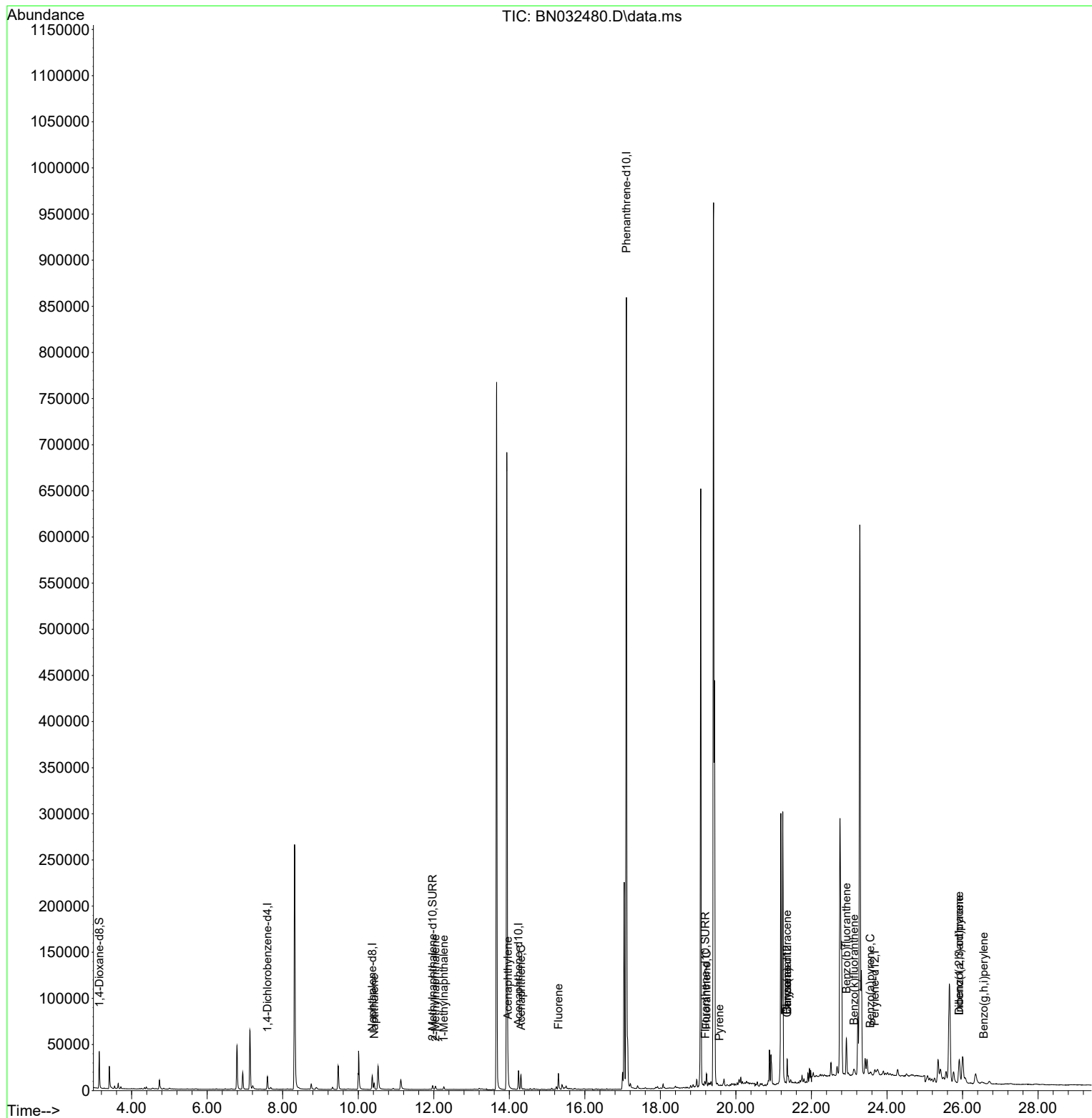
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	7328	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	21151	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	11552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.100	188	1006970	0.400	ng/ul	0.09
17) Chrysene-d12	21.354	240	265	0.400	ng/ul	# 0.15
23) Perylene-d12	23.675	264	2461	0.400	ng/ul	# 0.25
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	27710	3.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6399	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.189	212	41	0.051	ng/ul	0.14
Target Compounds						Qvalue
5) Naphthalene	10.420	128	9125	0.163	ng/ul	97
7) 2-Methylnaphthalene	12.048	142	3009	0.081	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	2208	0.057	ng/ul	97
10) Acenaphthylene	13.966	152	18303	0.381	ng/ul	98
11) Acenaphthene	14.308	153	9621	0.258	ng/ul	98
12) Fluorene	15.303	166	11585	0.261	ng/ul	98
19) Fluoranthene	19.222	202	11807	11.701	ng/ul#	91
20) Pyrene	19.566	202	168	0.159	ng/ul#	30
21) Benzo(a)anthracene	21.357	228	24475	25.589	ng/ul#	49
22) Chrysene	21.357	228	25048	23.860	ng/ul#	52
24) Benzo(b)fluoranthene	22.927	252	49370	4.617	ng/ul	80
25) Benzo(k)fluoranthene	23.128	252	3712	0.357	ng/ul#	1
26) Benzo(a)pyrene	23.558	252	1253	0.168	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.914	276	9878	0.848	ng/ul#	42
28) Dibenzo(a,h)anthracene	25.914	278	37388	4.320	ng/ul#	85
29) Benzo(g,h,i)perylene	26.565	276	1682	0.181	ng/ul#	1

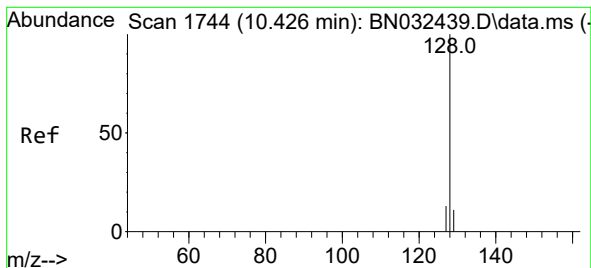
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.163 ng/ul

RT: 10.420 min Scan# 1743

Delta R.T. -0.011 min

Lab File: BN032480.D

Acq: 04 Jul 2024 18:46

Instrument :

BNA_N

ClientSampleId :

A4CE8

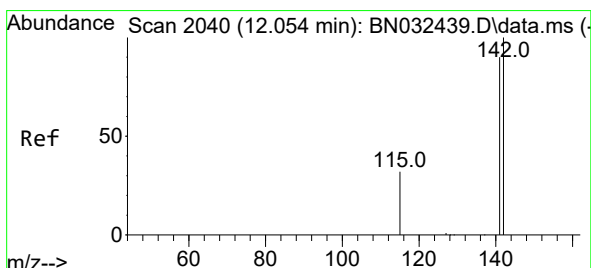
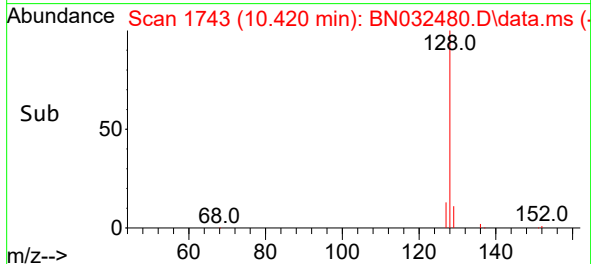
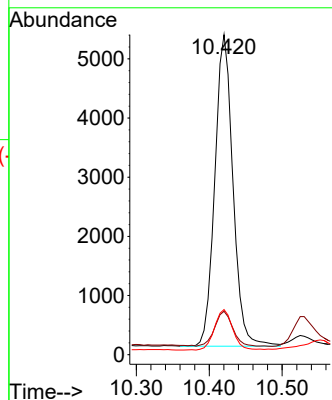
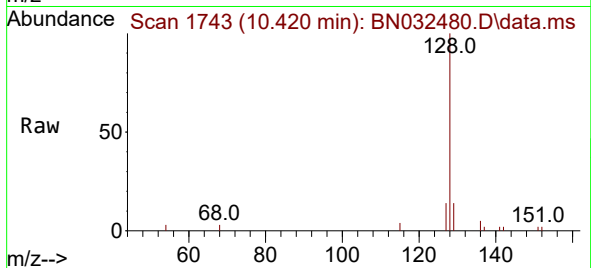
Tgt Ion:128 Resp: 9125

Ion Ratio Lower Upper

128 100

129 13.6 9.2 13.8

127 14.1 10.8 16.2



#7

2-Methylnaphthalene

Concen: 0.081 ng/ul

RT: 12.048 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BN032480.D

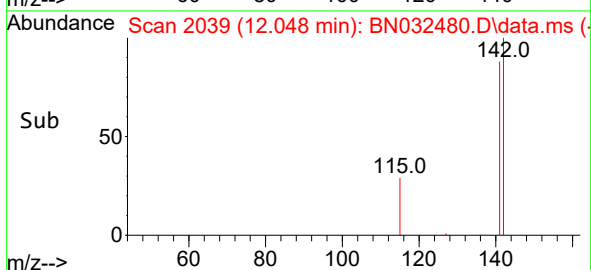
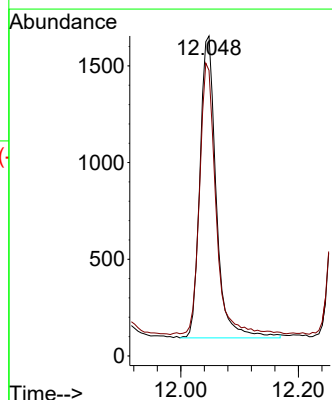
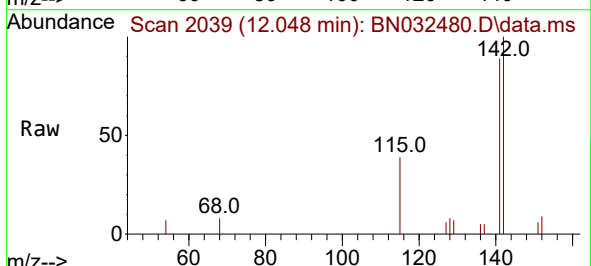
Acq: 04 Jul 2024 18:46

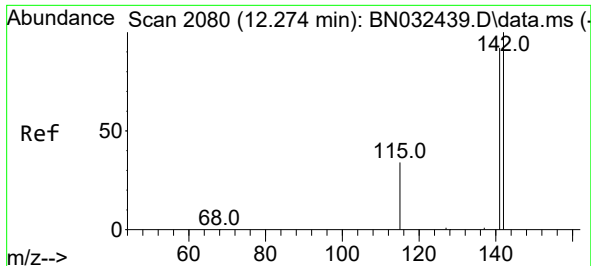
Tgt Ion:142 Resp: 3009

Ion Ratio Lower Upper

142 100

141 88.5 72.2 108.2

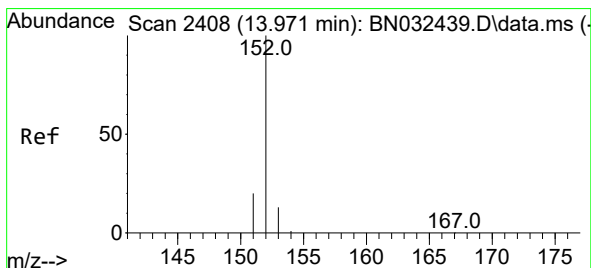
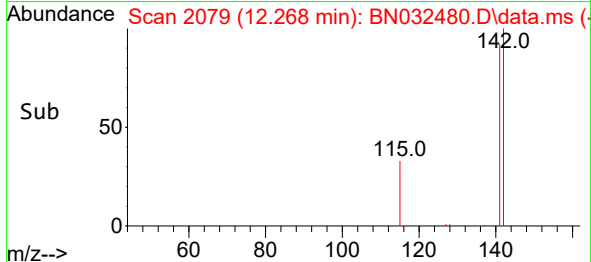
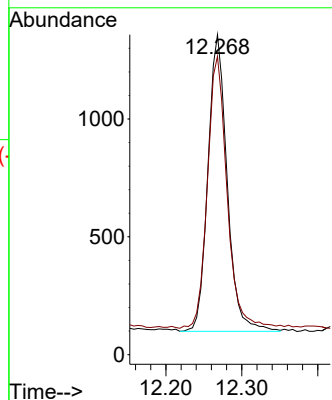
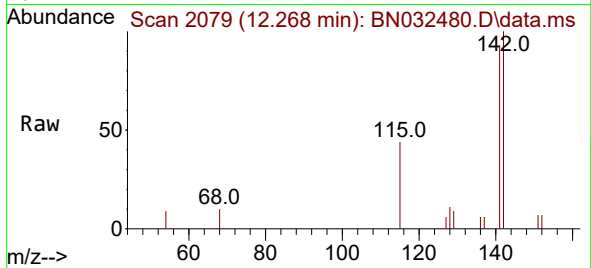




#8
1-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

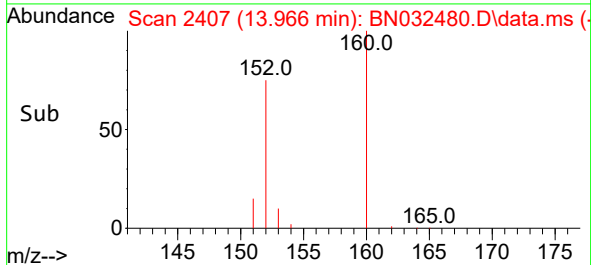
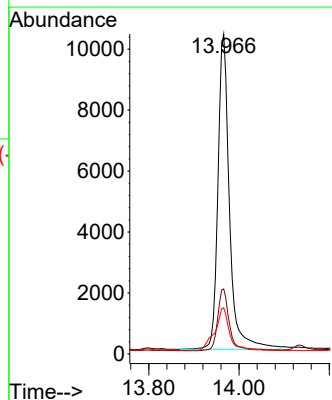
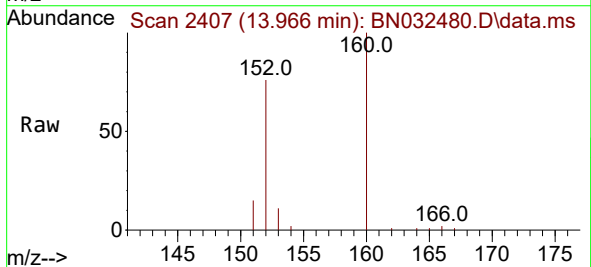
Instrument :
BNA_N
ClientSampleId :
A4CE8

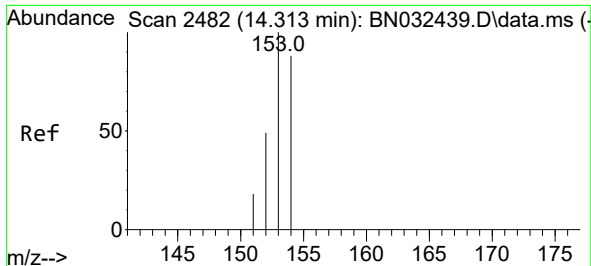
Tgt Ion:142 Resp: 2208
Ion Ratio Lower Upper
142 100
141 94.4 73.4 110.0



#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

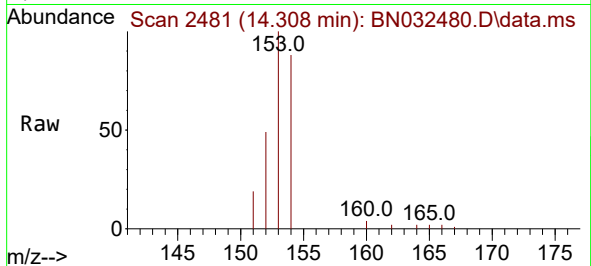
Tgt Ion:152 Resp: 18303
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.4 10.9 16.3



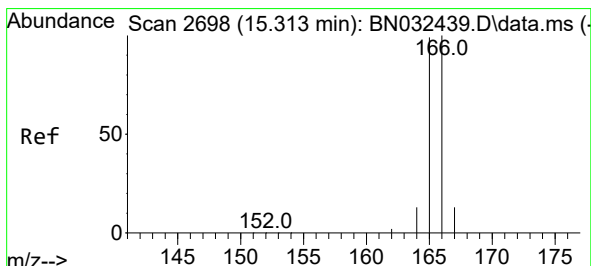
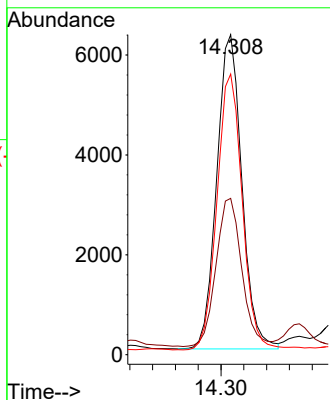
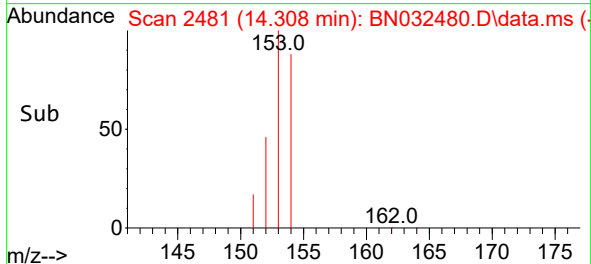


#11
Acenaphthene
Concen: 0.258 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

Instrument :
BNA_N
ClientSampleId :
A4CE8

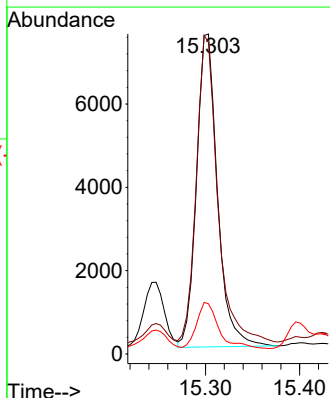
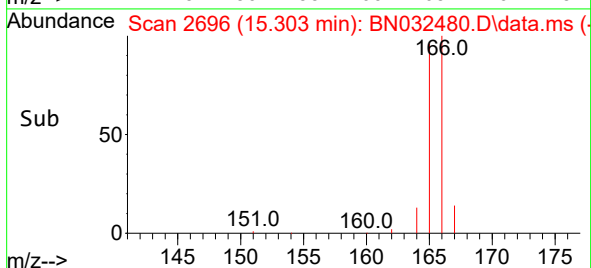
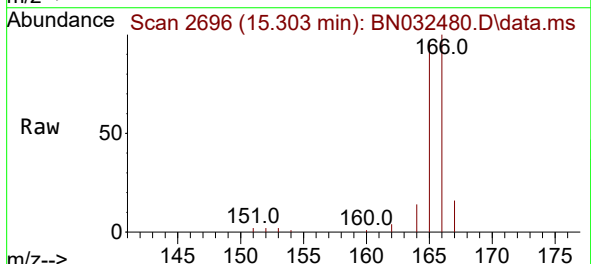


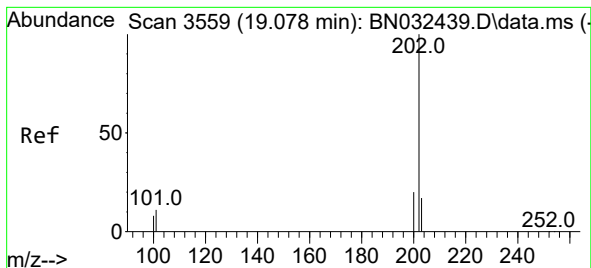
Tgt Ion:153 Resp: 9621
Ion Ratio Lower Upper
153 100
152 48.9 39.5 59.3
154 87.7 71.7 107.5



#12
Fluorene
Concen: 0.261 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

Tgt Ion:166 Resp: 11585
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.6
167 15.7 11.0 16.6





#19

Fluoranthene

Concen: 11.701 ng/ul

RT: 19.222 min Scan# 3590

Delta R.T. 0.149 min

Lab File: BN032480.D

Acq: 04 Jul 2024 18:46

Instrument :

BNA_N

ClientSampleId :

A4CE8

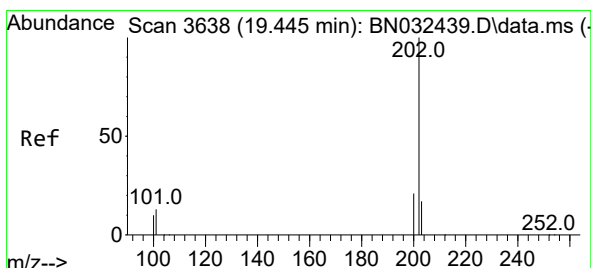
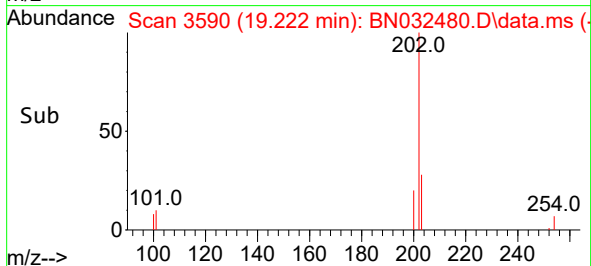
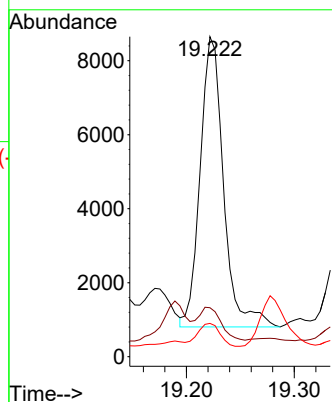
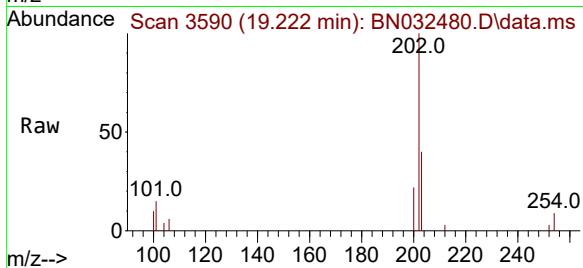
Tgt Ion:202 Resp: 11807

Ion Ratio Lower Upper

202 100

101 15.3 8.8 13.2#

100 10.4 6.4 9.6#



#20

Pyrene

Concen: 0.159 ng/ul

RT: 19.566 min Scan# 3664

Delta R.T. 0.125 min

Lab File: BN032480.D

Acq: 04 Jul 2024 18:46

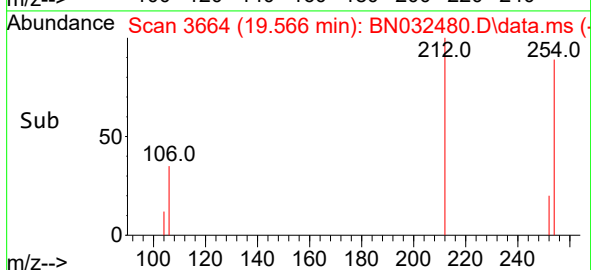
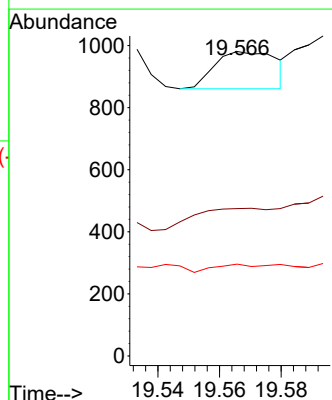
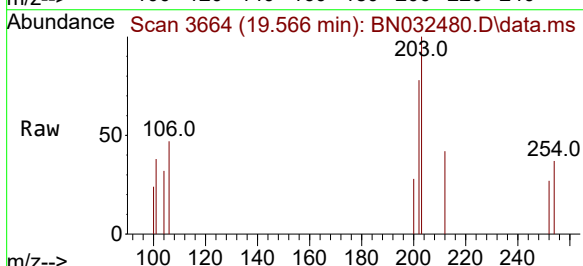
Tgt Ion:202 Resp: 168

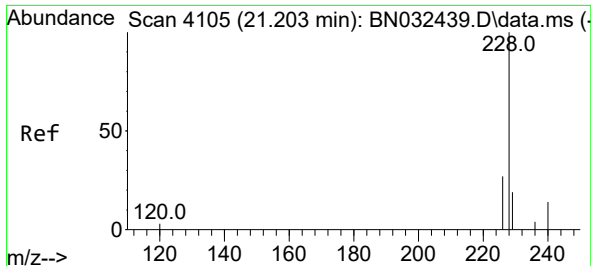
Ion Ratio Lower Upper

202 100

101 48.4 11.0 16.4#

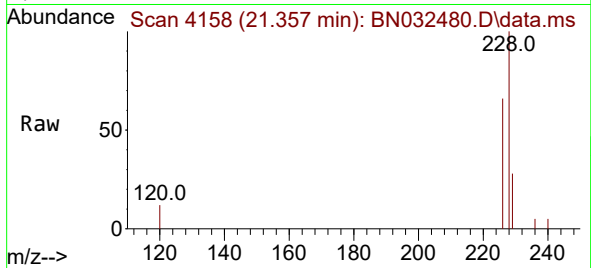
100 30.2 8.7 13.1#



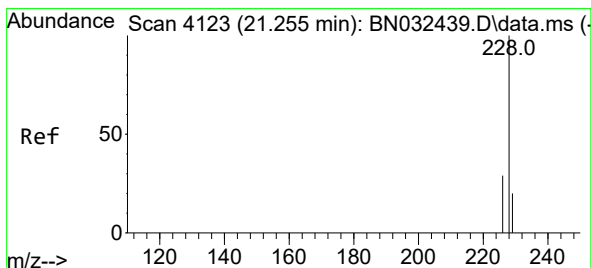
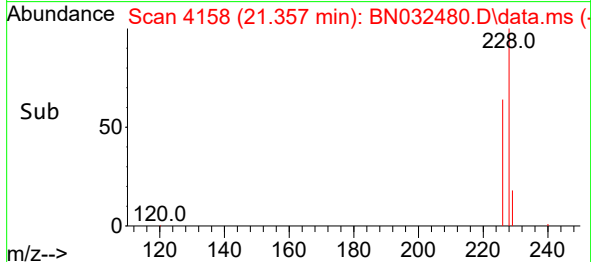
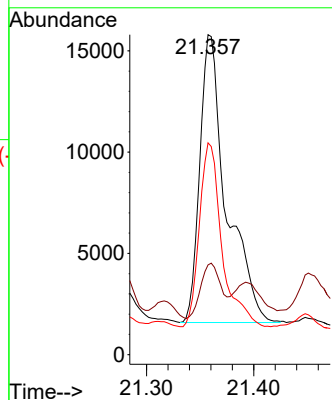


#21
Benzo(a)anthracene
Concen: 25.589 ng/ul
RT: 21.357 min Scan# 4158
Delta R.T. 0.166 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

Instrument :
BNA_N
ClientSampleId :
A4CE8

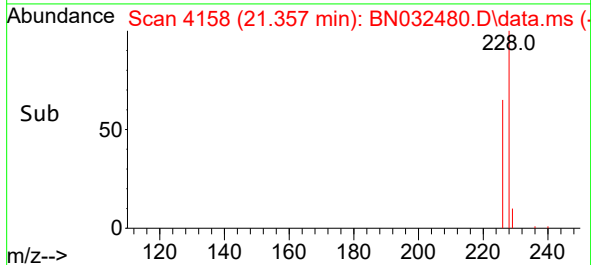
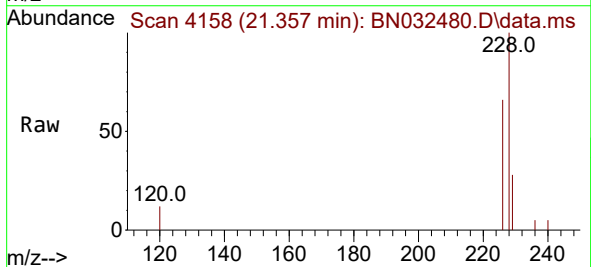
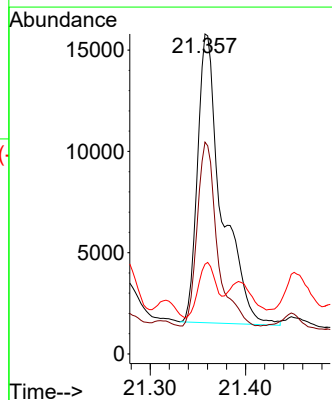


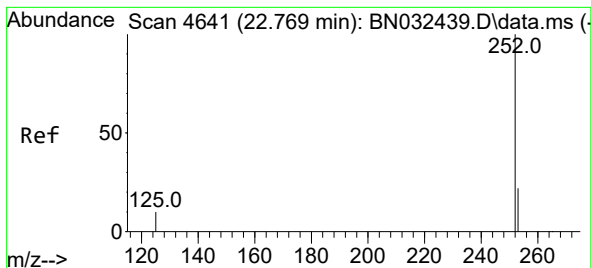
Tgt Ion:228 Resp: 24475
Ion Ratio Lower Upper
228 100
229 28.0 15.7 23.5#
226 66.2 21.8 32.8#



#22
Chrysene
Concen: 23.860 ng/ul
RT: 21.357 min Scan# 4158
Delta R.T. 0.114 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

Tgt Ion:228 Resp: 25048
Ion Ratio Lower Upper
228 100
226 66.2 23.6 35.4#
229 28.0 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 4.617 ng/ul

RT: 22.927 min Scan# 4695

Delta R.T. 0.169 min

Lab File: BN032480.D

Acq: 04 Jul 2024 18:46

Instrument :

BNA_N

ClientSampleId :

A4CE8

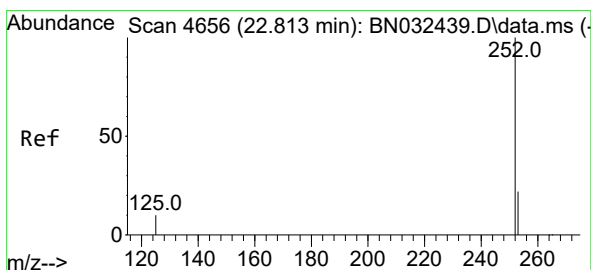
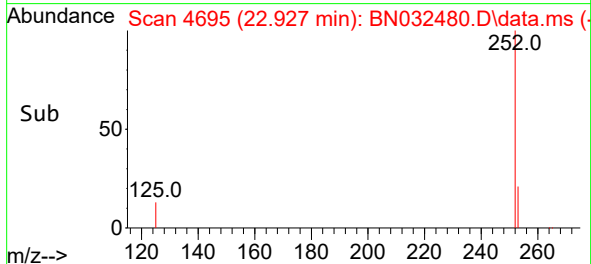
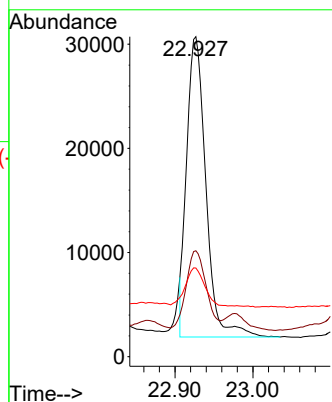
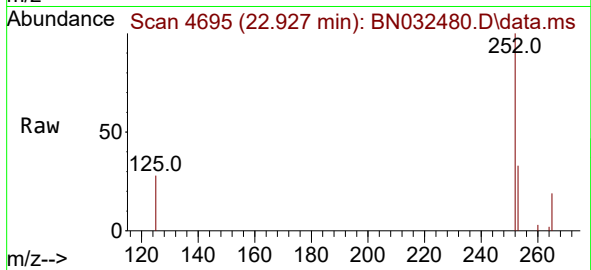
Tgt Ion:252 Resp: 49370

Ion Ratio Lower Upper

252 100

253 33.1 0.0 50.2

125 27.7 0.0 32.0



#25

Benzo(k)fluoranthene

Concen: 0.357 ng/ul

RT: 23.128 min Scan# 4764

Delta R.T. 0.327 min

Lab File: BN032480.D

Acq: 04 Jul 2024 18:46

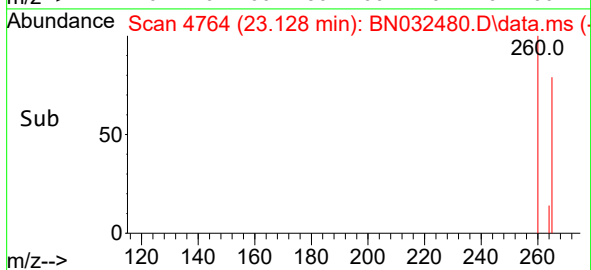
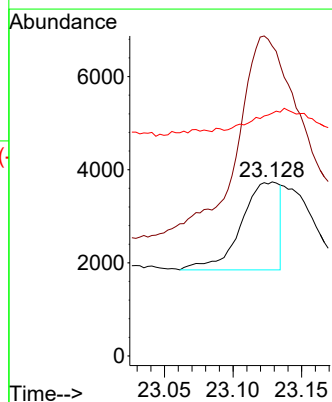
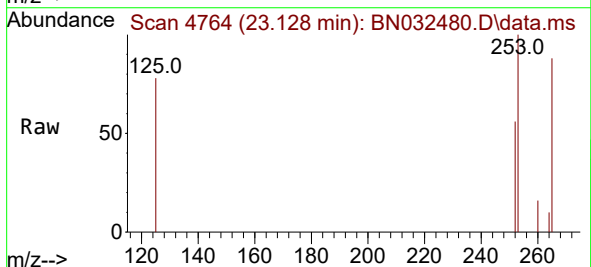
Tgt Ion:252 Resp: 3712

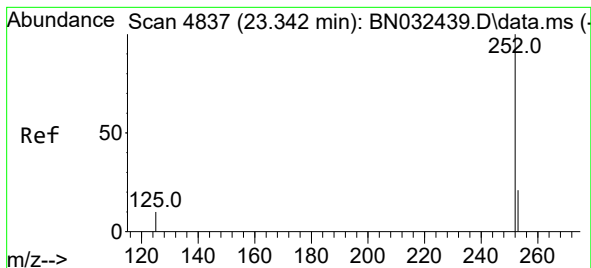
Ion Ratio Lower Upper

252 100

253 178.0 20.3 30.5#

125 139.4 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.168 ng/ul

RT: 23.558 min Scan# 4911

Delta R.T. 0.231 min

Lab File: BN032480.D

Acq: 04 Jul 2024 18:46

Instrument :

BNA_N

ClientSampleId :

A4CE8

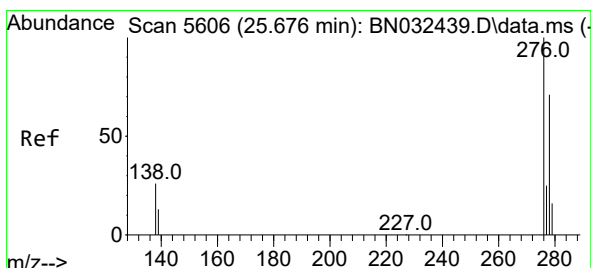
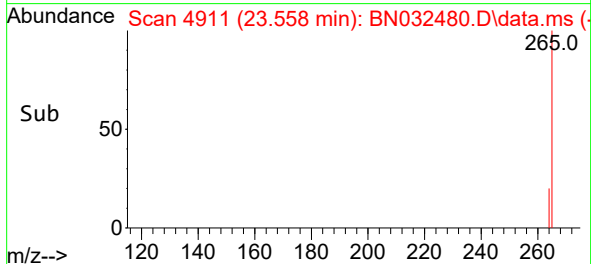
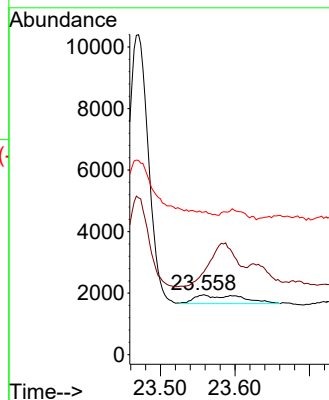
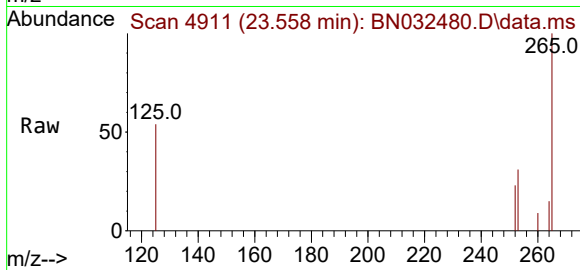
Tgt Ion:252 Resp: 1253

Ion Ratio Lower Upper

252 100

253 138.1 22.2 33.2#

125 237.7 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.848 ng/ul

RT: 25.914 min Scan# 5677

Delta R.T. 0.255 min

Lab File: BN032480.D

Acq: 04 Jul 2024 18:46

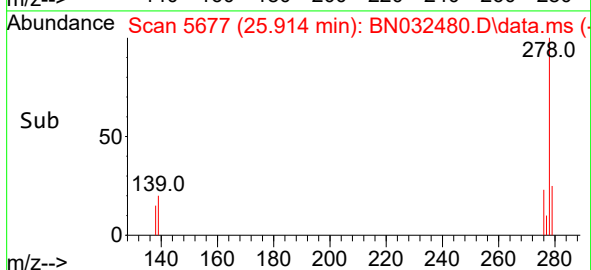
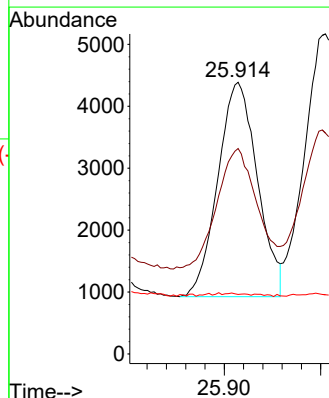
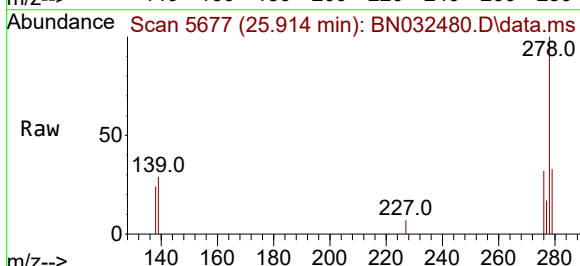
Tgt Ion:276 Resp: 9878

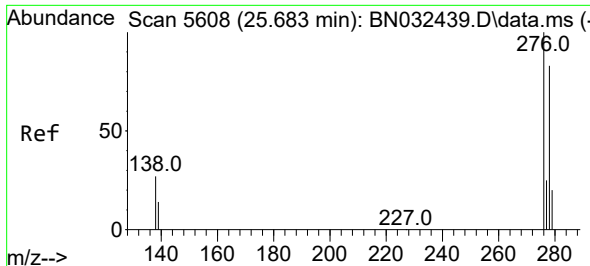
Ion Ratio Lower Upper

276 100

138 56.8 21.3 31.9#

227 0.4 0.1 0.1#

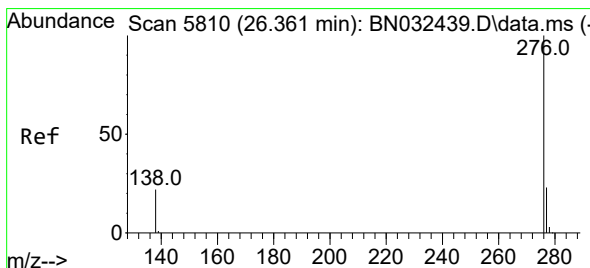
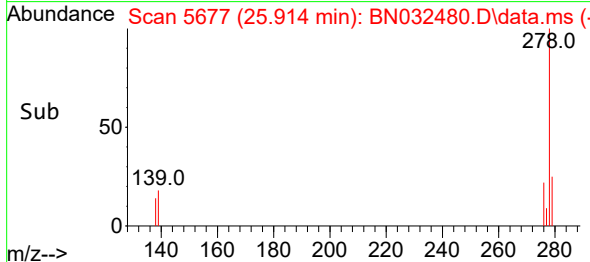
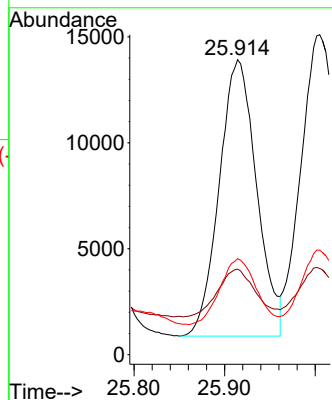
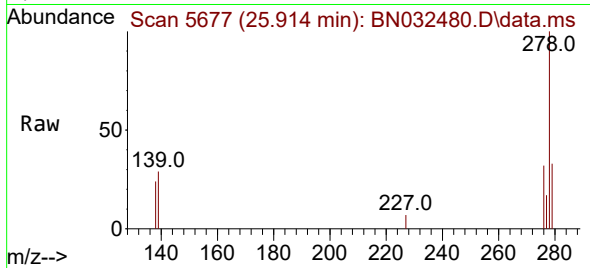




#28
Dibenzo(a,h)anthracene
Concen: 4.320 ng/ul
RT: 25.914 min Scan# 5608
Delta R.T. 0.248 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

Instrument :
BNA_N
ClientSampleId :
A4CE8

Tgt Ion:278 Resp: 37388
Ion Ratio Lower Upper
278 100
139 29.0 15.9 23.9#
279 32.6 21.1 31.7#



#29
Benzo(g,h,i)perylene
Concen: 0.181 ng/ul
RT: 26.565 min Scan# 5871
Delta R.T. 0.221 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

Tgt Ion:276 Resp: 1682
Ion Ratio Lower Upper
276 100
138 123.8 19.8 29.6#
277 89.0 19.8 29.6#

