

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032345.D
 Acq On : 29 Jun 2024 11:05
 Operator : MA/JU
 Sample : P2934-13
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP9

Quant Time: Jun 30 23:04:26 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)

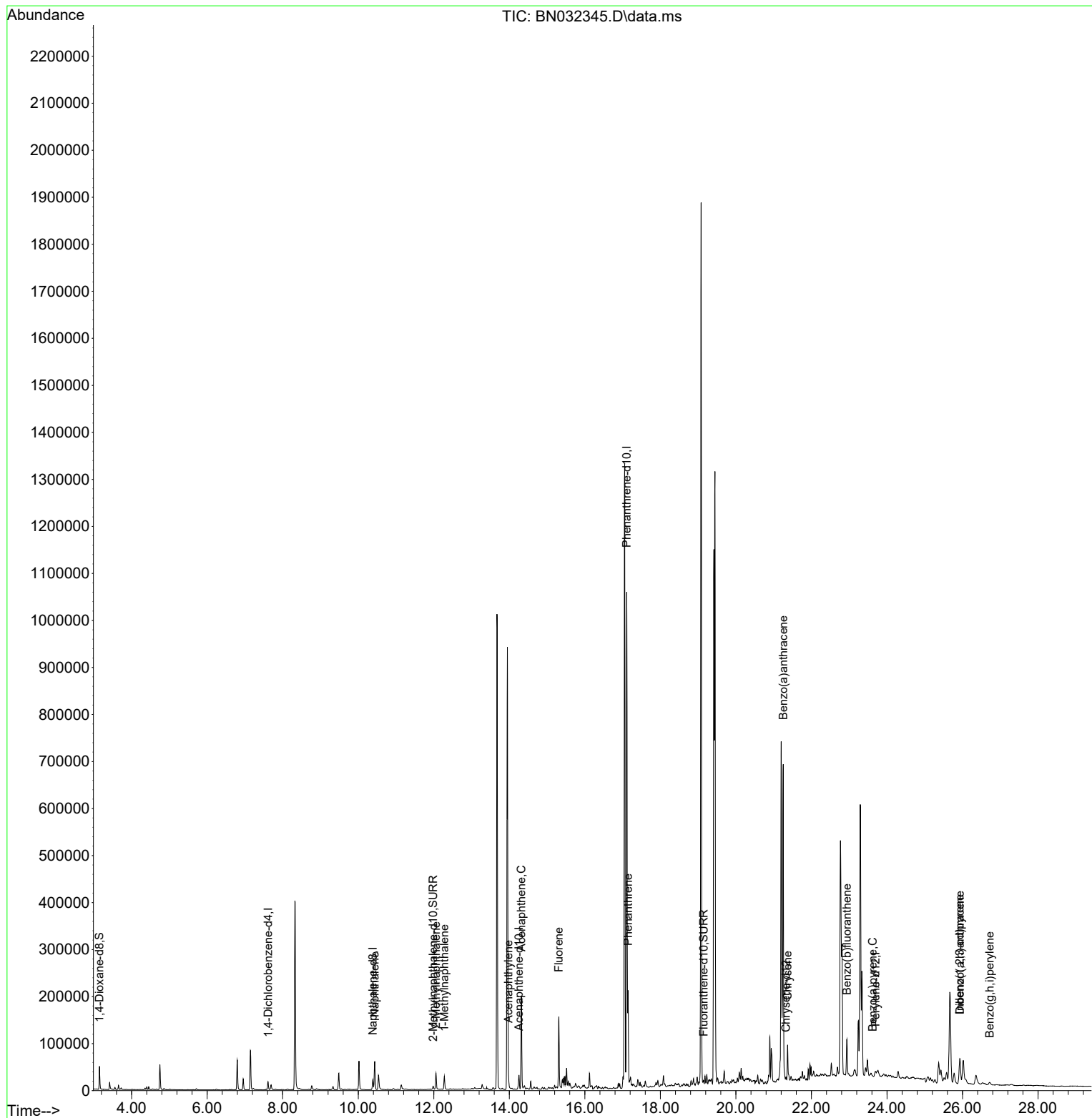
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	9184	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	28831	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	16687	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.109	188	1225841	0.400	ng/ul	0.08
17) Chrysene-d12	21.325	240	146	0.400	ng/ul	# 0.10
23) Perylene-d12	23.693	264	3186	0.400	ng/ul	# 0.24
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	33016	3.234	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	10353	0.239	ng/ul	-0.02
18) Fluoranthene-d10	19.148	212	919	2.092	ng/ul	0.09
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	84041	1.101	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	26369	0.521	ng/ul	99
8) 1-Methylnaphthalene	12.279	142	20180	0.385	ng/ul	99
10) Acenaphthylene	13.975	152	24224	0.349	ng/ul#	91
11) Acenaphthene	14.318	153	114369	2.123	ng/ul	98
12) Fluorene	15.312	166	96052	1.497	ng/ul	99
15) Phenanthrene	17.143	178	205137	0.061	ng/ul	98
21) Benzo(a)anthracene	21.252	228	647796	1229.317	ng/ul	93
22) Chrysene	21.369	228	58936	101.899	ng/ul#	49
24) Benzo(b)fluoranthene	22.939	252	92066	6.651	ng/ul#	77
26) Benzo(a)pyrene	23.623	252	868	0.090	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.928	276	20784	1.378	ng/ul#	31
28) Dibenzo(a,h)anthracene	25.931	278	77790	6.943	ng/ul#	87
29) Benzo(g,h,i)perylene	26.719	276	9364	0.780	ng/ul#	10

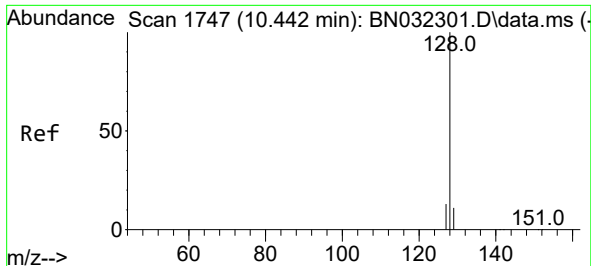
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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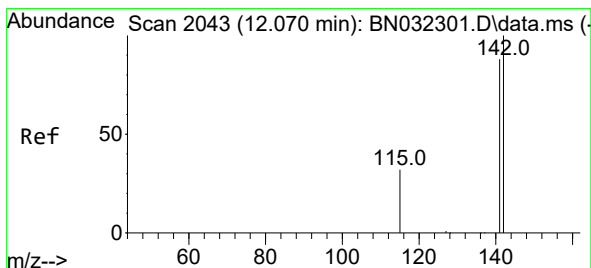
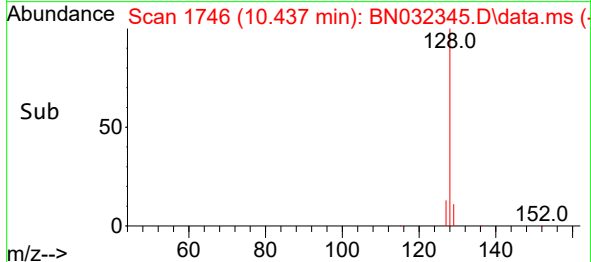
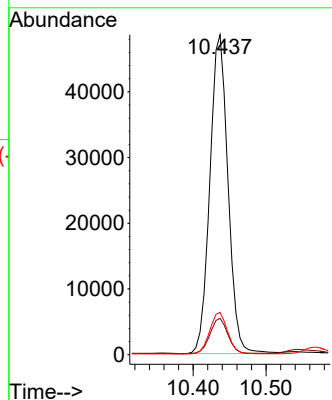
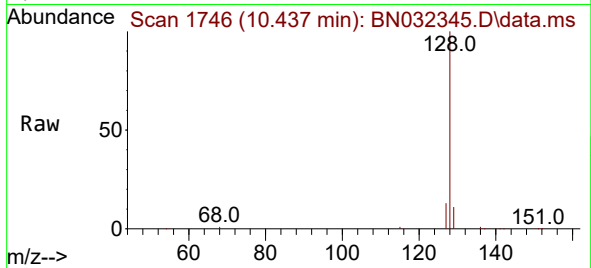




#5
Naphthalene
Concen: 1.101 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

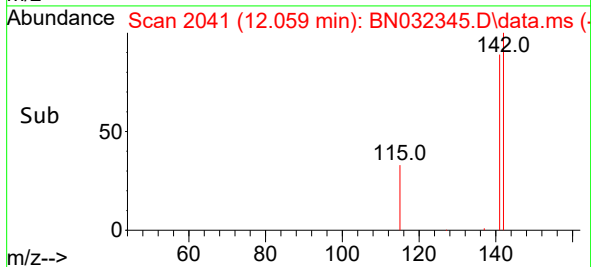
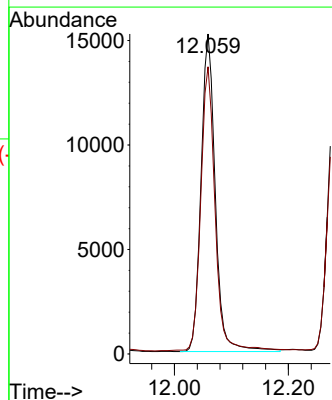
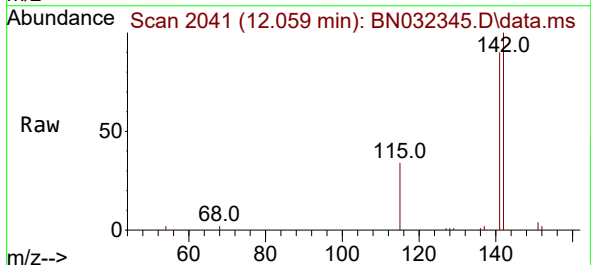
Instrument :
BNA_N
ClientSampleId :
A4CP9

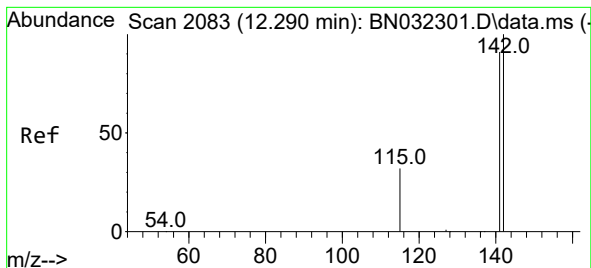
Tgt Ion:128 Resp: 84041
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.2 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.521 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

Tgt Ion:142 Resp: 26369
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.385 ng/ul

RT: 12.279 min Scan# 2083

Delta R.T. -0.017 min

Lab File: BN032345.D

Acq: 29 Jun 2024 11:05

Instrument :

BNA_N

ClientSampleId :

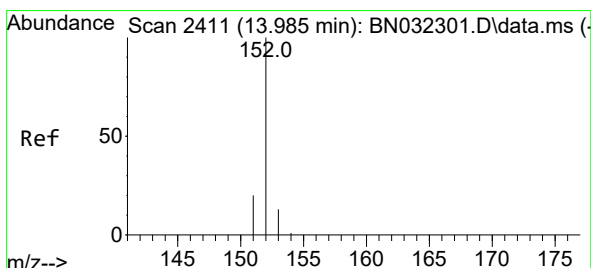
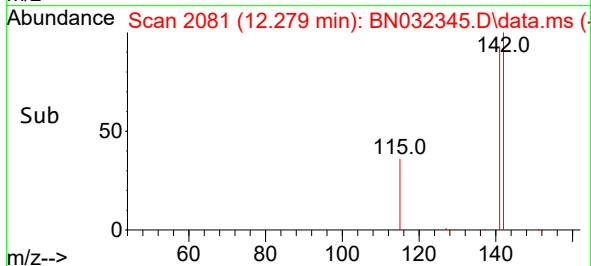
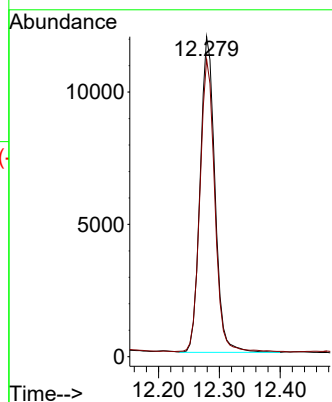
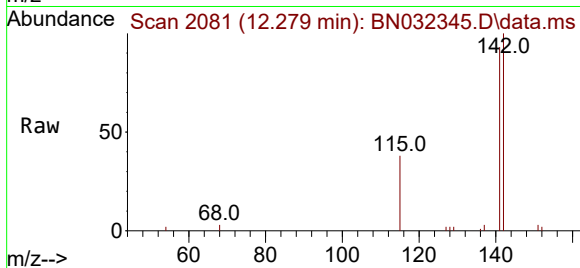
A4CP9

Tgt Ion:142 Resp: 20180

Ion Ratio Lower Upper

142 100

141 92.9 73.4 110.0



#10

Acenaphthylene

Concen: 0.349 ng/ul

RT: 13.975 min Scan# 2409

Delta R.T. -0.014 min

Lab File: BN032345.D

Acq: 29 Jun 2024 11:05

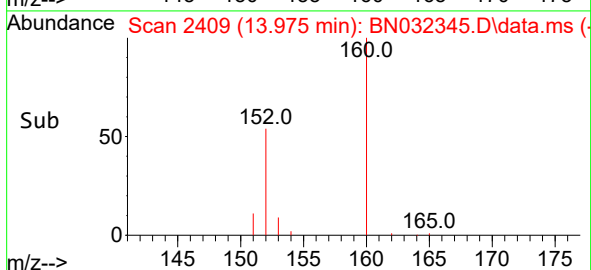
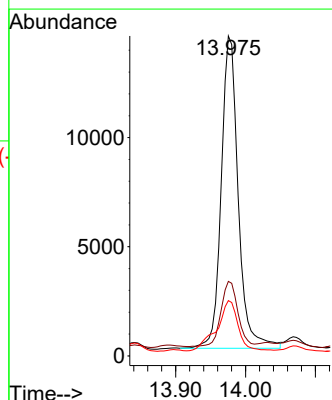
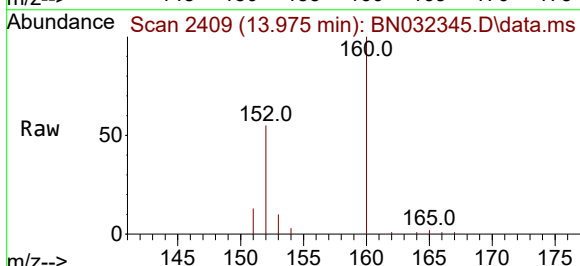
Tgt Ion:152 Resp: 24224

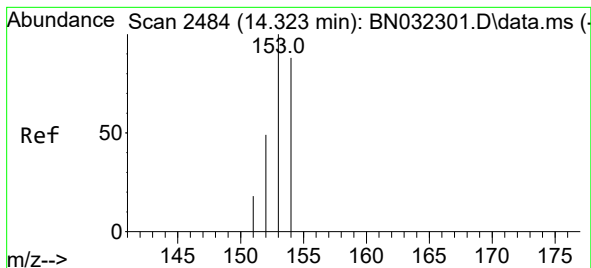
Ion Ratio Lower Upper

152 100

151 23.3 15.7 23.5

153 17.3 10.9 16.3#





#11

Acenaphthene

Concen: 2.123 ng/ul

RT: 14.318 min Scan# 2483

Delta R.T. -0.014 min

Lab File: BN032345.D

Acq: 29 Jun 2024 11:05

Instrument :

BNA_N

ClientSampleId :

A4CP9

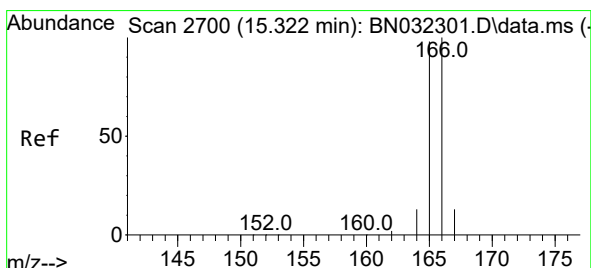
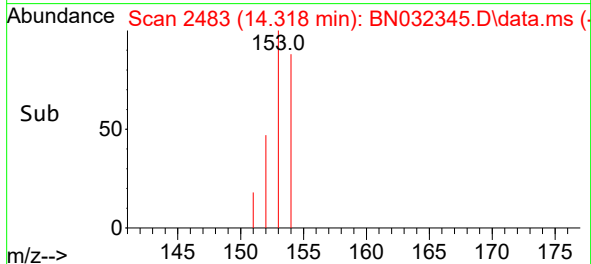
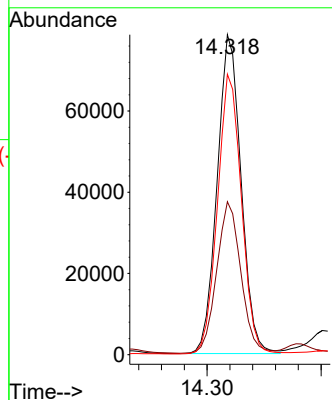
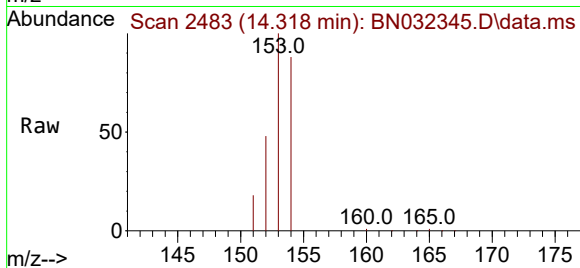
Tgt Ion:153 Resp: 114369

Ion Ratio Lower Upper

153 100

152 47.8 39.5 59.3

154 87.6 71.7 107.5



#12

Fluorene

Concen: 1.497 ng/ul

RT: 15.312 min Scan# 2698

Delta R.T. -0.014 min

Lab File: BN032345.D

Acq: 29 Jun 2024 11:05

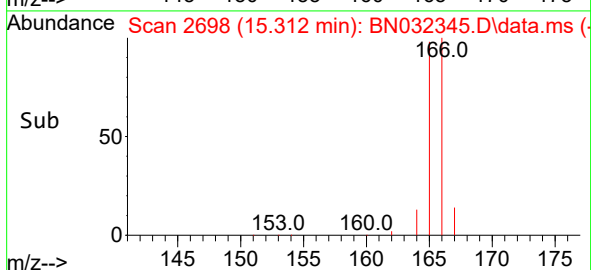
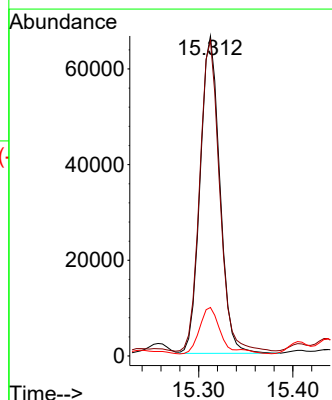
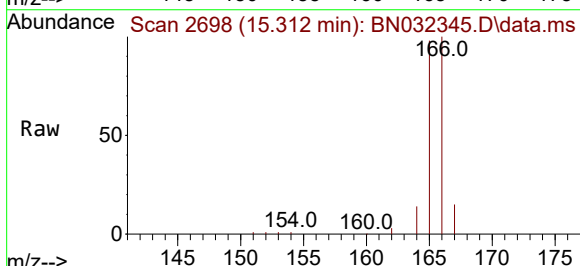
Tgt Ion:166 Resp: 96052

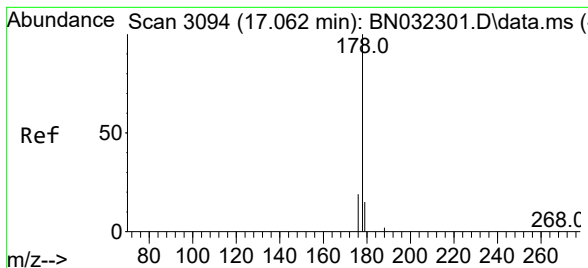
Ion Ratio Lower Upper

166 100

165 98.5 79.0 118.6

167 15.2 11.0 16.6





#15

Phenanthrene

Concen: 0.061 ng/ul

RT: 17.143 min Scan# 3113

Delta R.T. 0.076 min

Lab File: BN032345.D

Acq: 29 Jun 2024 11:05

Instrument :

BNA_N

ClientSampleId :

A4CP9

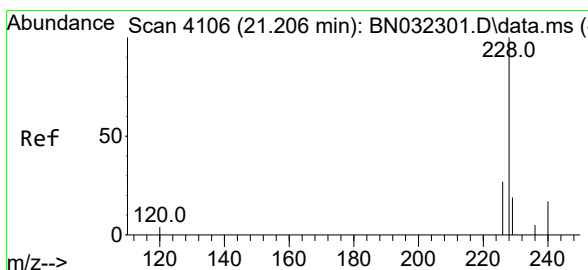
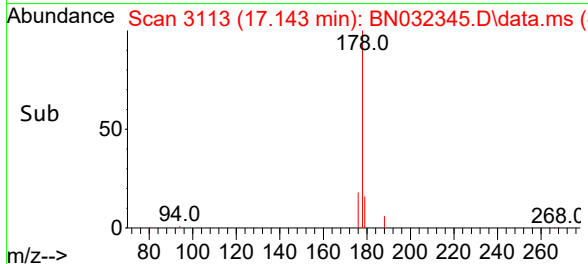
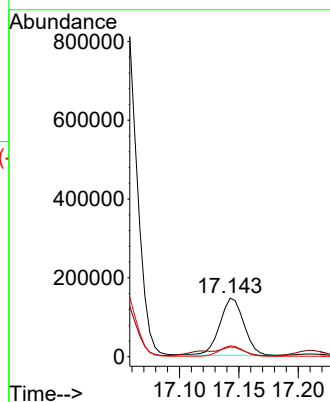
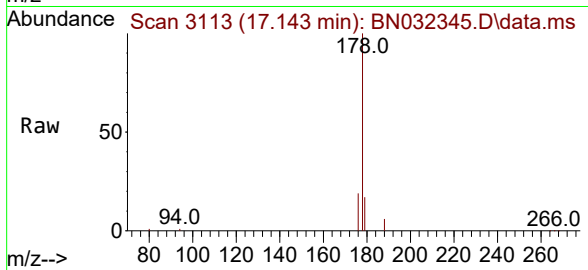
Tgt Ion:178 Resp: 205137

Ion Ratio Lower Upper

178 100

179 16.6 12.6 18.8

176 18.7 15.6 23.4



#21

Benzo(a)anthracene

Concen: 1229.317 ng/ul

RT: 21.252 min Scan# 4122

Delta R.T. 0.038 min

Lab File: BN032345.D

Acq: 29 Jun 2024 11:05

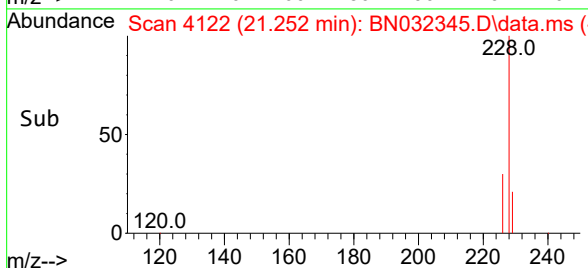
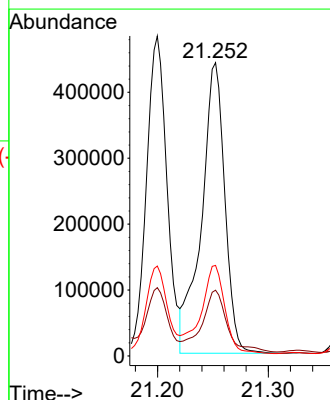
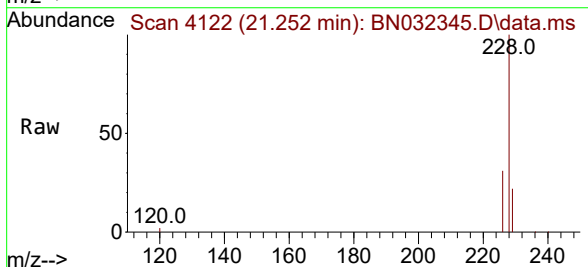
Tgt Ion:228 Resp: 647796

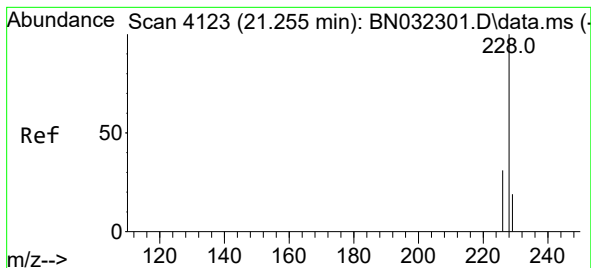
Ion Ratio Lower Upper

228 100

229 22.4 15.7 23.5

226 30.9 21.8 32.8





#22

Chrysene

Concen: 101.899 ng/ul

RT: 21.369 min Scan# 41

Delta R.T. 0.102 min

Lab File: BN032345.D

Acq: 29 Jun 2024 11:05

Instrument :

BNA_N

ClientSampleId :

A4CP9

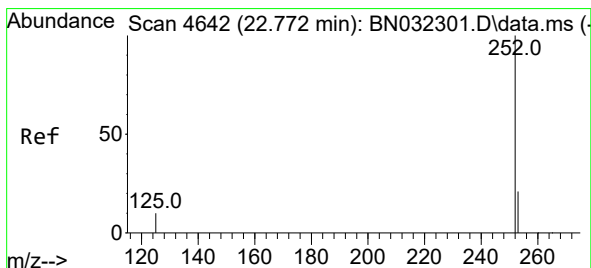
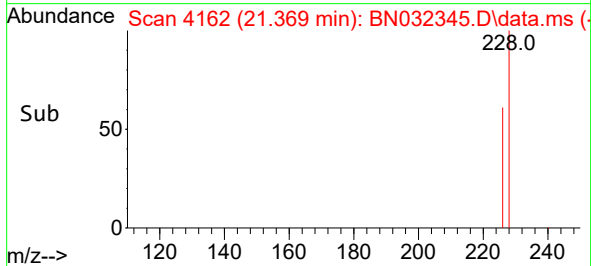
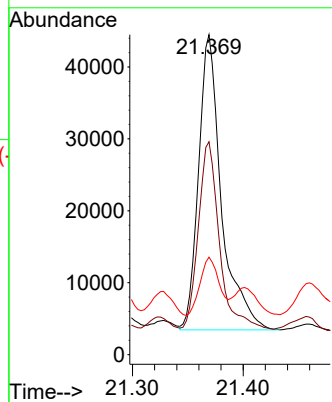
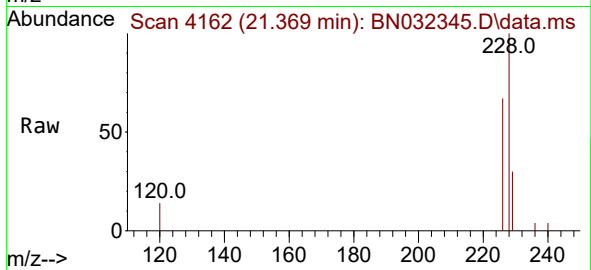
Tgt Ion:228 Resp: 58936

Ion Ratio Lower Upper

228 100

226 66.5 23.6 35.4#

229 30.5 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 6.651 ng/ul

RT: 22.939 min Scan# 4699

Delta R.T. 0.155 min

Lab File: BN032345.D

Acq: 29 Jun 2024 11:05

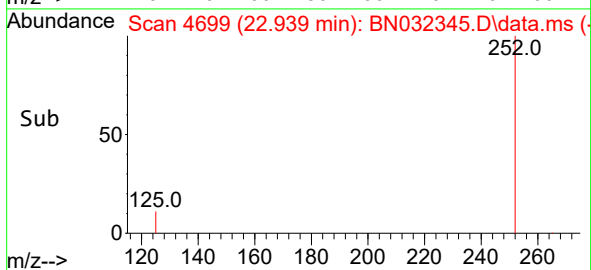
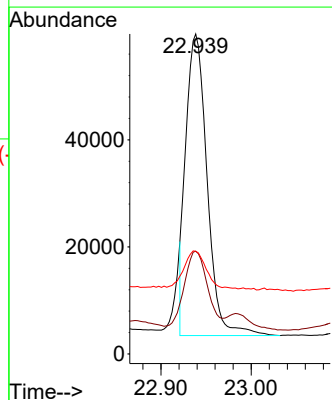
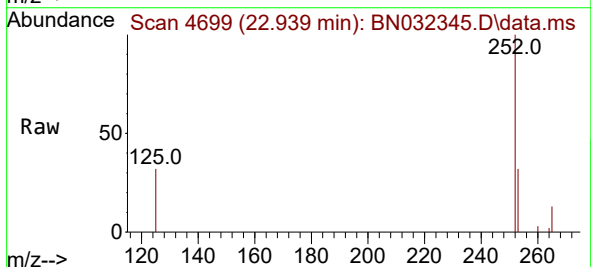
Tgt Ion:252 Resp: 92066

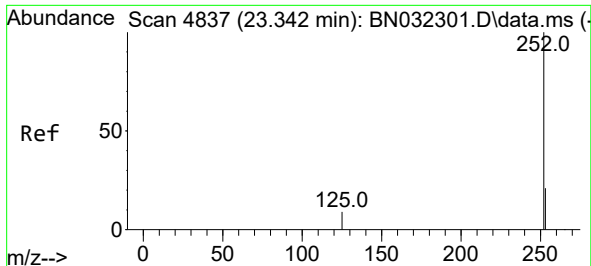
Ion Ratio Lower Upper

252 100

253 32.1 0.0 50.2

125 32.1 0.0 32.0#

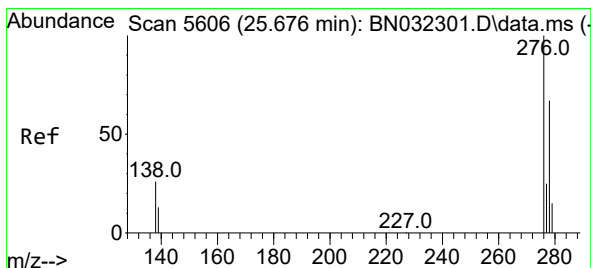
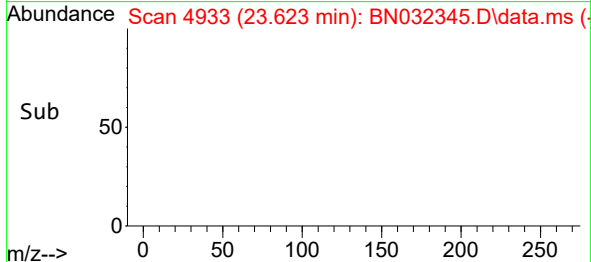
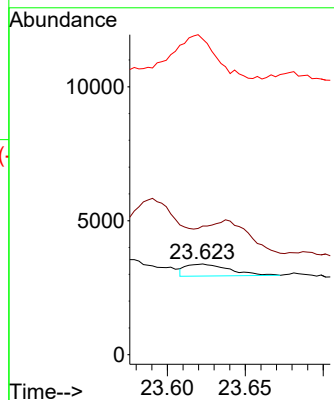
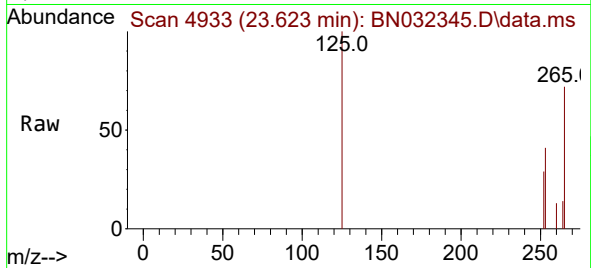




#26
Benzo(a)pyrene
Concen: 0.090 ng/ul
RT: 23.623 min Scan# 4933
Delta R.T. 0.263 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

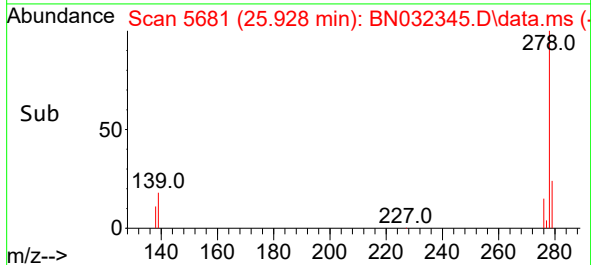
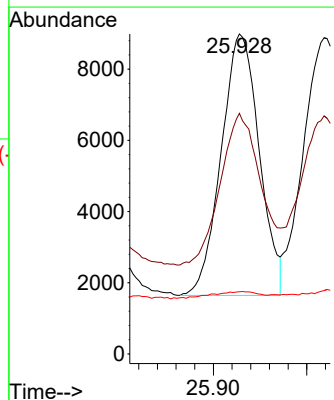
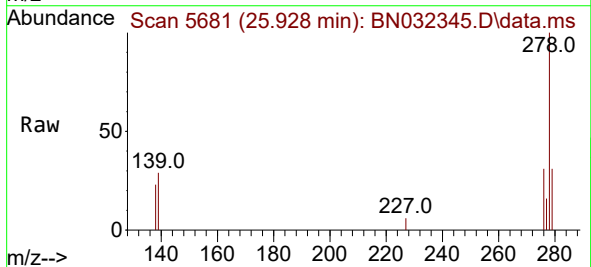
Instrument :
BNA_N
ClientSampleId :
A4CP9

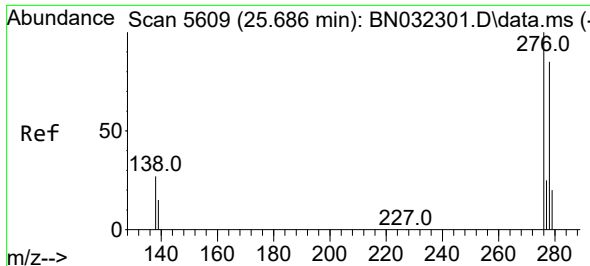
Tgt Ion:252 Resp: 868
Ion Ratio Lower Upper
252 100
253 141.7 22.2 33.2#
125 347.7 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.378 ng/ul
RT: 25.928 min Scan# 5681
Delta R.T. 0.228 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

Tgt Ion:276 Resp: 20784
Ion Ratio Lower Upper
276 100
138 62.0 21.3 31.9#
227 4.7 0.1 0.1#

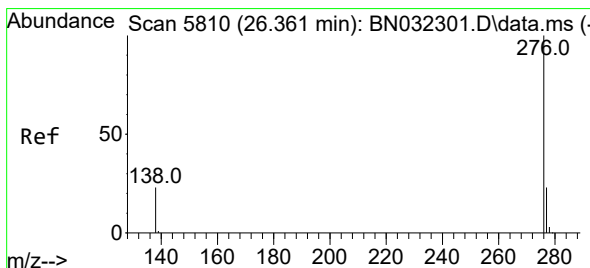
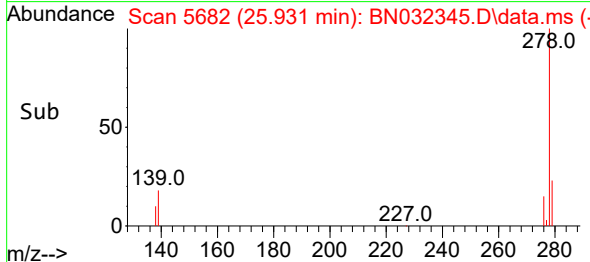
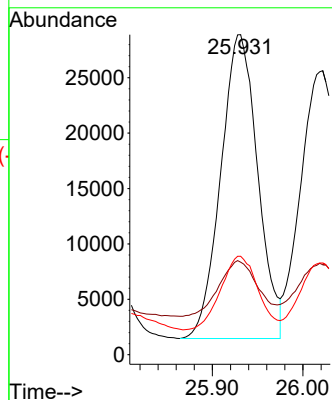
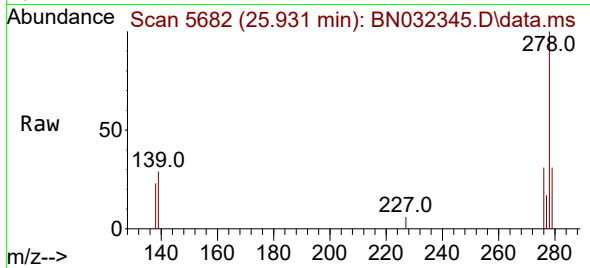




#28
Dibenzo(a,h)anthracene
Concen: 6.943 ng/ul
RT: 25.931 min Scan# 51
Delta R.T. 0.221 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

Instrument :
BNA_N
ClientSampleId :
A4CP9

Tgt Ion:278 Resp: 77790
Ion Ratio Lower Upper
278 100
139 28.9 15.9 23.9#
279 30.8 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.780 ng/ul
RT: 26.719 min Scan# 5917
Delta R.T. 0.339 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

Tgt Ion:276 Resp: 9364
Ion Ratio Lower Upper
276 100
138 74.9 19.8 29.6#
277 64.6 19.8 29.6#

