

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032641.D
 Acq On : 11 Jul 2024 18:20
 Operator : MA/JU
 Sample : P3035-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX3

Quant Time: Jul 12 01:55:40 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)

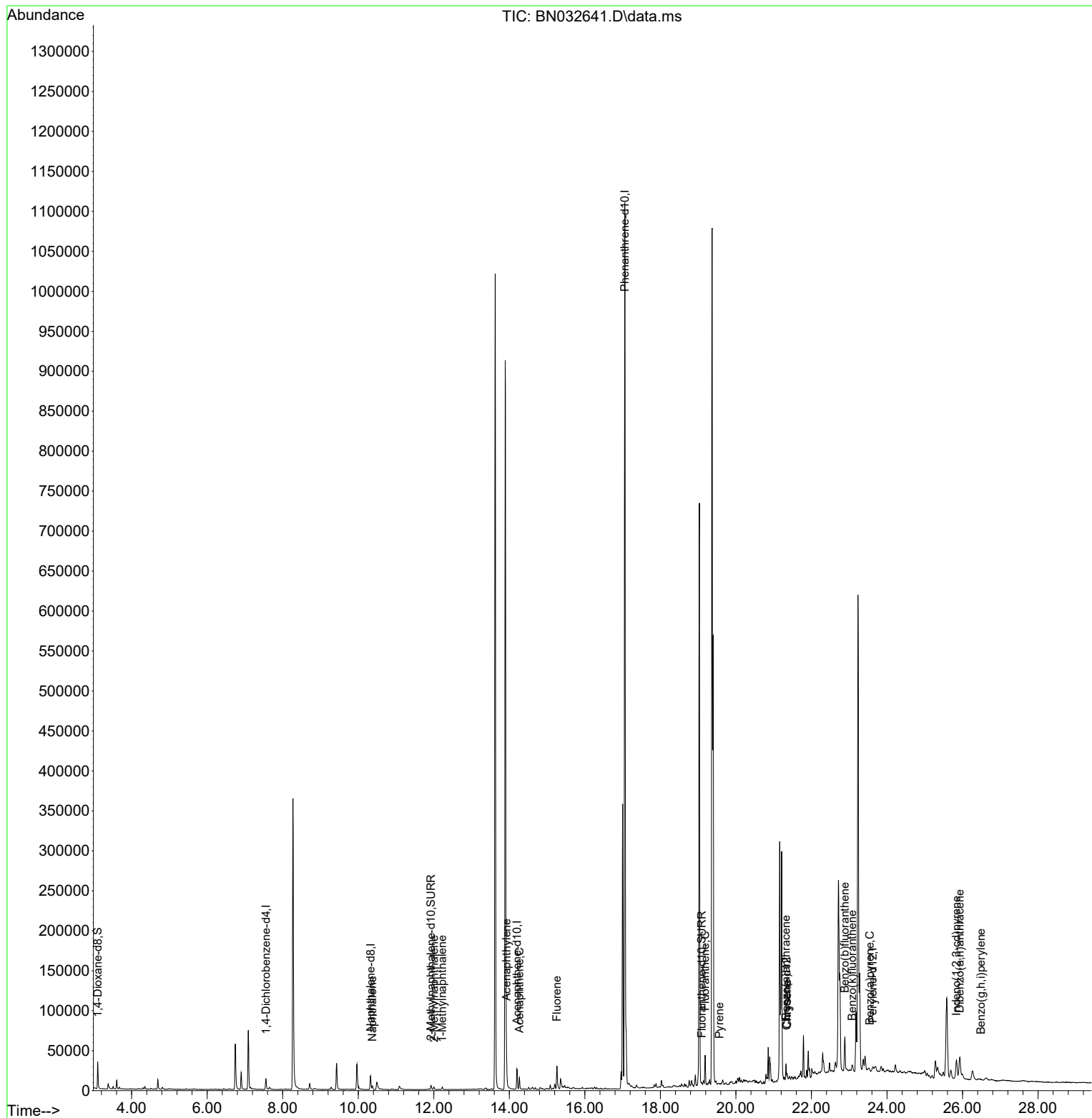
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7737	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	24731	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	14467	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.058	188	1309294	0.400	ng/ul	0.07
17) Chrysene-d12	21.343	240	450	0.400	ng/ul	# 0.15
23) Perylene-d12	23.623	264	3546	0.400	ng/ul	# 0.23
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	22441	2.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	8297	0.222	ng/ul	-0.04
18) Fluoranthene-d10	19.097	212	496	0.338	ng/ul	0.07
Target Compounds						Qvalue
5) Naphthalene	10.376	128	6680	0.101	ng/ul	97
7) 2-Methylnaphthalene	12.004	142	2683	0.065	ng/ul	98
8) 1-Methylnaphthalene	12.224	142	2513	0.059	ng/ul	99
10) Acenaphthylene	13.925	152	45902	0.785	ng/ul	99
11) Acenaphthene	14.267	153	9069	0.188	ng/ul	100
12) Fluorene	15.262	166	20220	0.366	ng/ul	99
19) Fluoranthene	19.185	202	33204	18.148	ng/ul	98
20) Pyrene	19.561	202	789	0.417	ng/ul#	59
21) Benzo(a)anthracene	21.325	228	13971	9.753	ng/ul#	25
22) Chrysene	21.355	228	5791	2.795	ng/ul#	31
24) Benzo(b)fluoranthene	22.883	252	53741	4.295	ng/ul	79
25) Benzo(k)fluoranthene	23.079	252	5197	0.341	ng/ul#	1
26) Benzo(a)pyrene	23.544	252	401	0.037	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.841	276	8964	0.611	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.928	278	46770	4.116	ng/ul#	79
29) Benzo(g,h,i)perylene	26.485	276	1973	0.161	ng/ul#	1

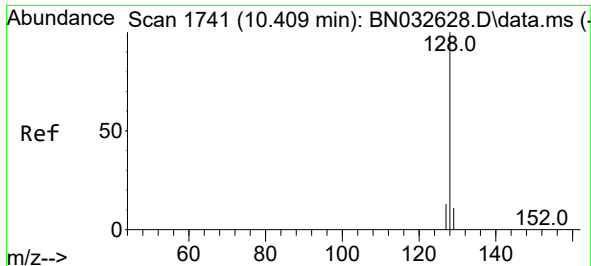
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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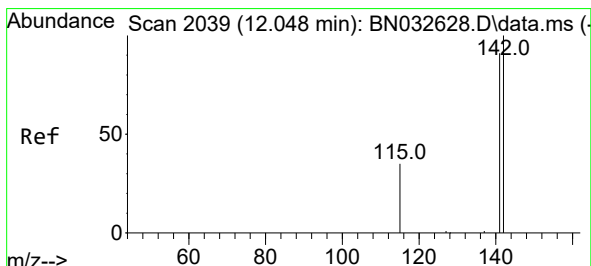
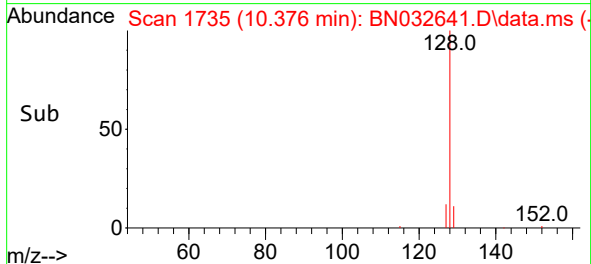
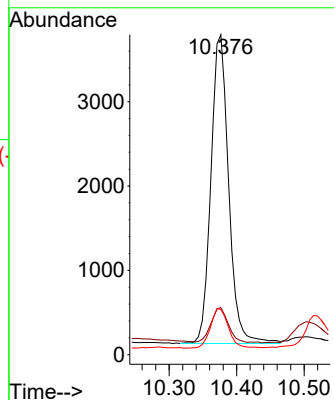
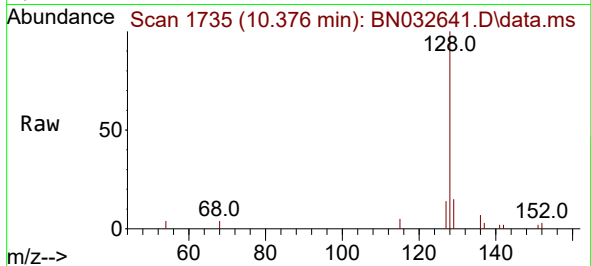




#5
Naphthalene
Concen: 0.101 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

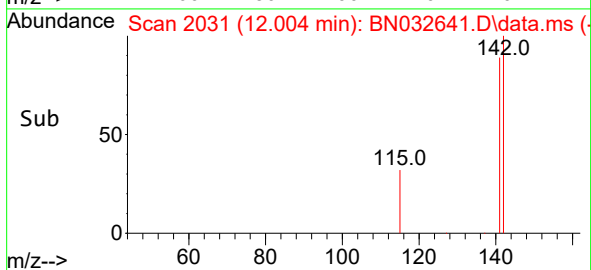
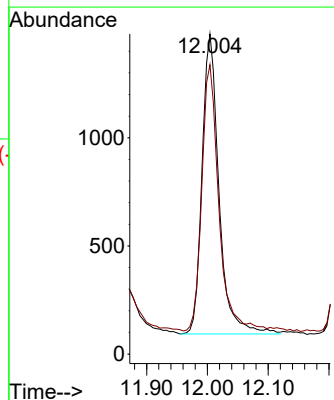
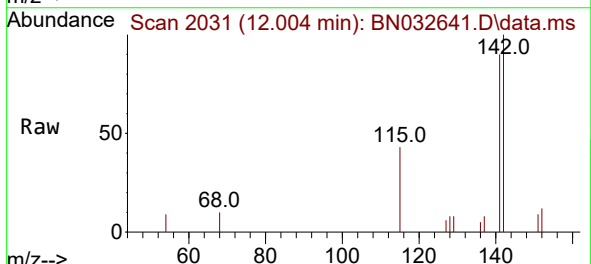
Instrument :
BNA_N
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A4CX3

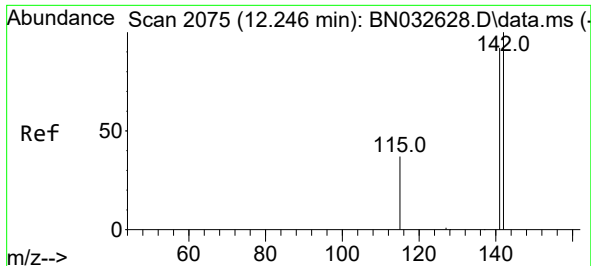
Tgt Ion:128 Resp: 6680
Ion Ratio Lower Upper
128 100
129 14.7 10.0 15.0
127 14.2 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

Tgt Ion:142 Resp: 2683
Ion Ratio Lower Upper
142 100
141 90.7 74.0 111.0

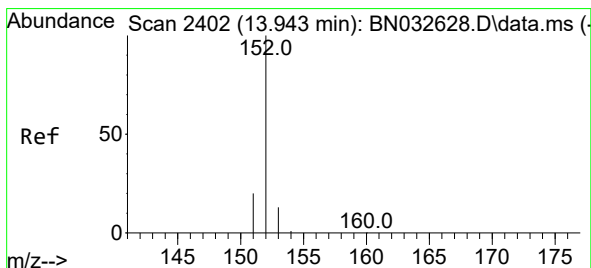
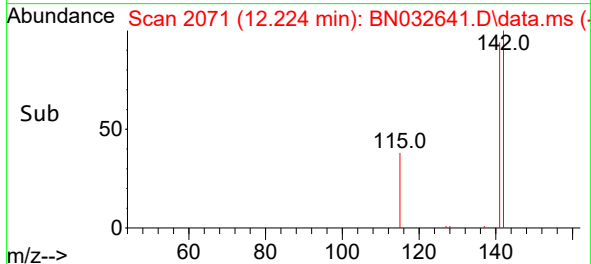
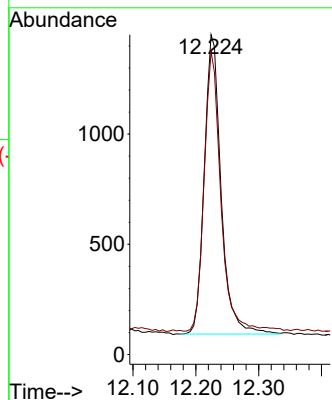
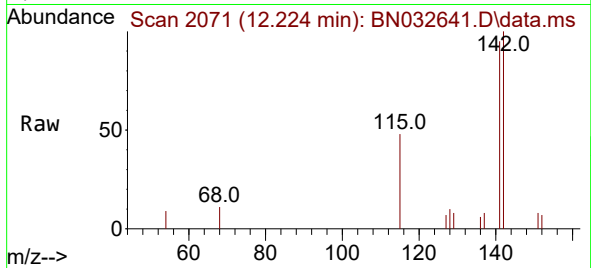




#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.224 min Scan# 2075
Delta R.T. -0.022 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

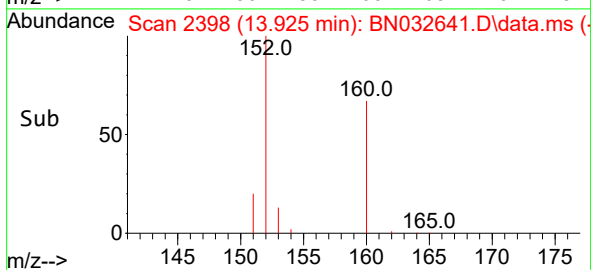
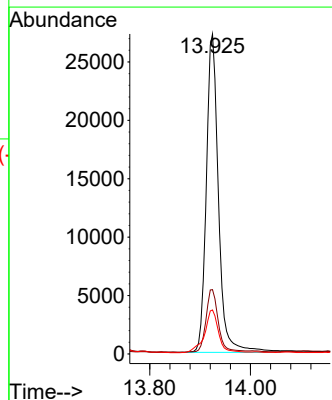
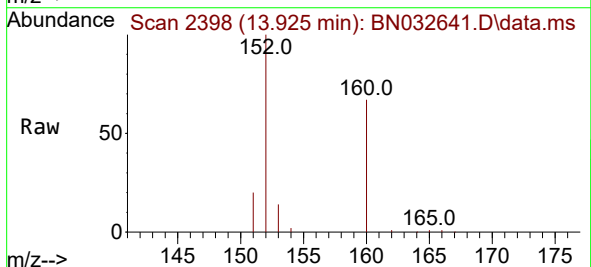
Instrument :
BNA_N
ClientSampleId :
A4CX3

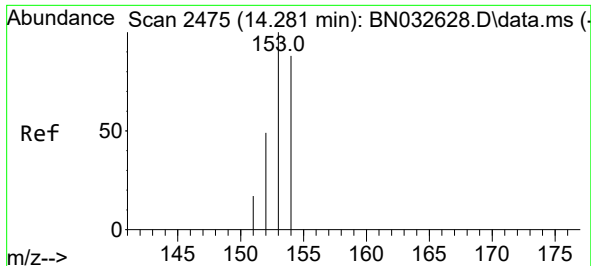
Tgt Ion:142 Resp: 2513
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4



#10
Acenaphthylene
Concen: 0.785 ng/ul
RT: 13.925 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

Tgt Ion:152 Resp: 45902
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.7 11.3 16.9

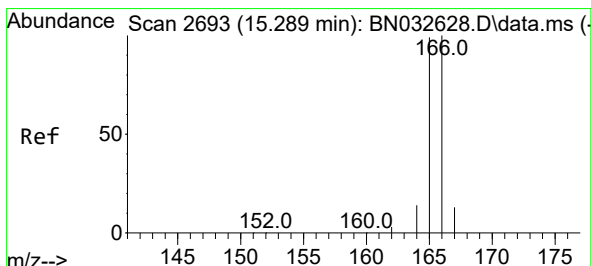
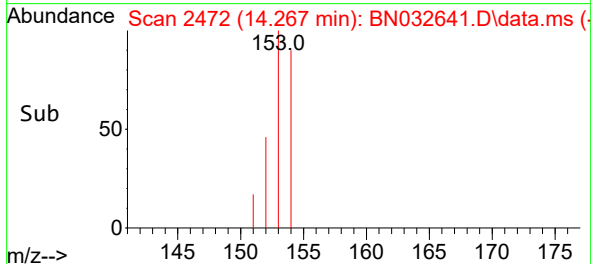
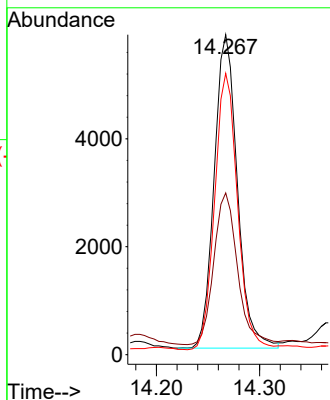
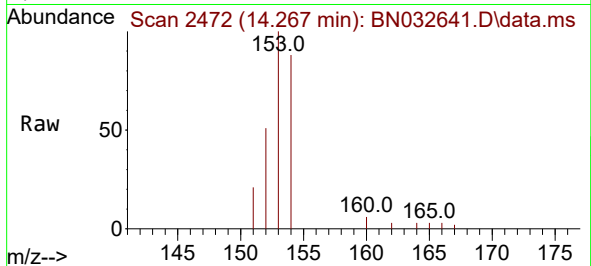




#11
Acenaphthene
Concen: 0.188 ng/ul
RT: 14.267 min Scan# 2475
Delta R.T. -0.014 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

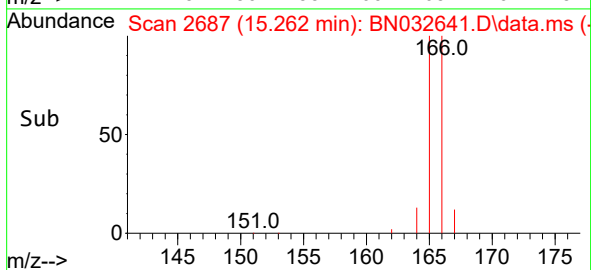
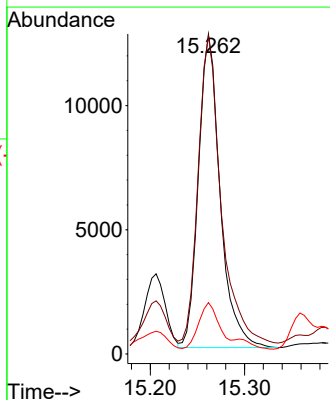
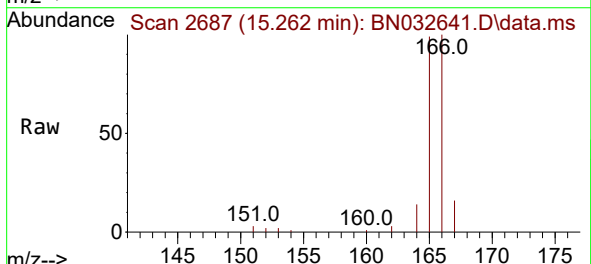
Instrument :
BNA_N
ClientSampleId :
A4CX3

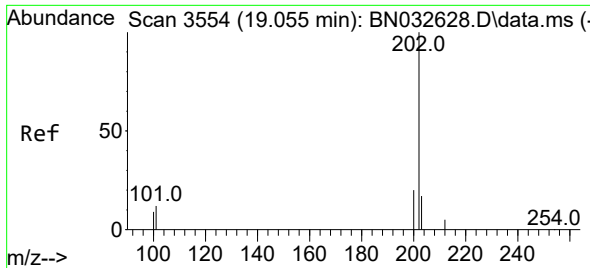
Tgt Ion:153 Resp: 9069
Ion Ratio Lower Upper
153 100
152 50.5 40.0 60.0
154 87.9 70.2 105.4



#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

Tgt Ion:166 Resp: 20220
Ion Ratio Lower Upper
166 100
165 99.4 79.7 119.5
167 16.1 11.4 17.2

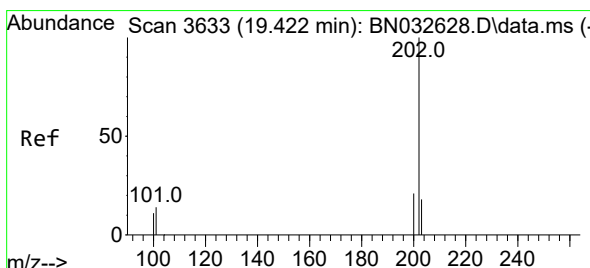
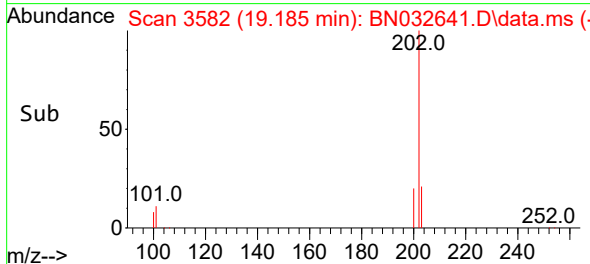
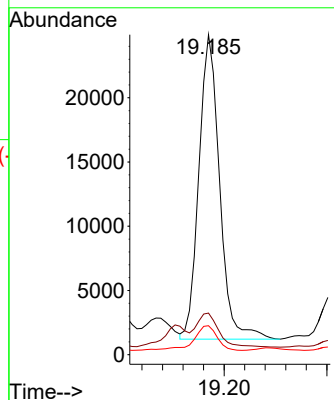
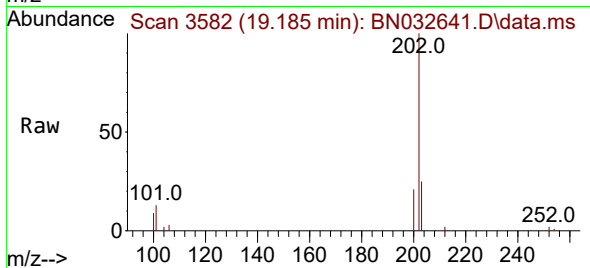




#19
Fluoranthene
Concen: 18.148 ng/ul
RT: 19.185 min Scan# 3582
Delta R.T. 0.130 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

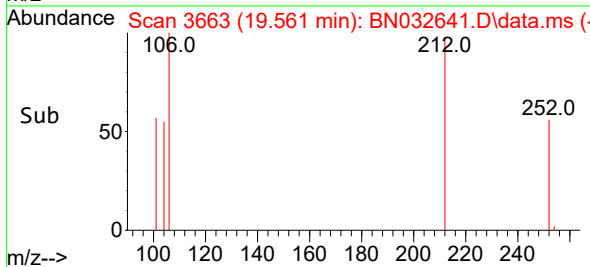
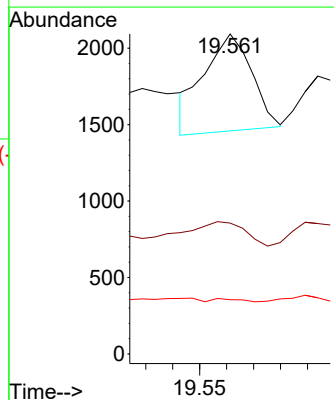
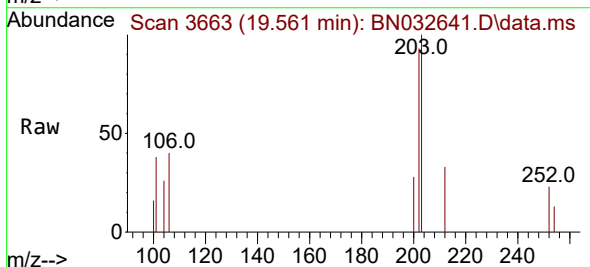
Instrument :
BNA_N
ClientSampleId :
A4CX3

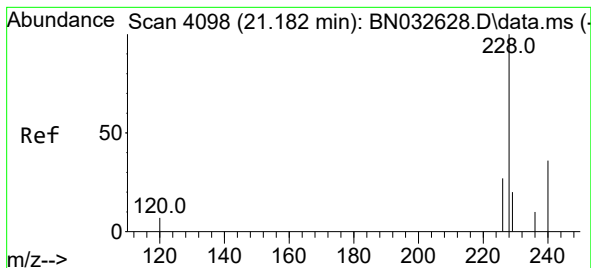
Tgt Ion:202 Resp: 33204
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.8
100 9.1 7.9 11.9



#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.561 min Scan# 3663
Delta R.T. 0.140 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

Tgt Ion:202 Resp: 789
Ion Ratio Lower Upper
202 100
101 40.9 11.8 17.6#
100 17.0 9.6 14.4#





#21

Benzo(a)anthracene

Concen: 9.753 ng/ul

RT: 21.325 min Scan# 4117

Delta R.T. 0.143 min

Lab File: BN032641.D

Acq: 11 Jul 2024 18:20

Instrument :

BNA_N

ClientSampleId :

A4CX3

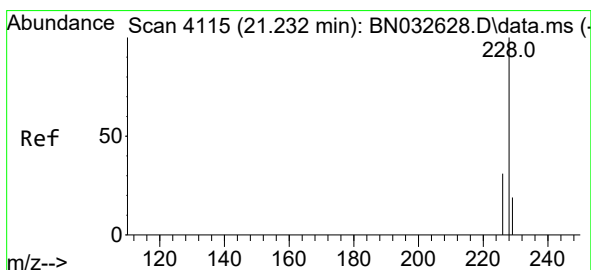
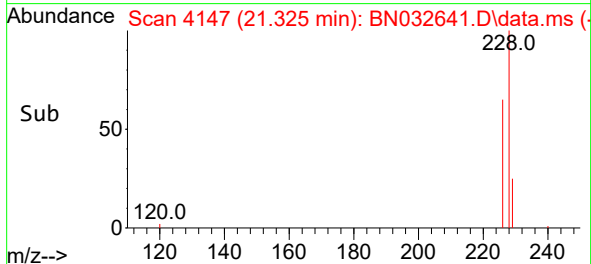
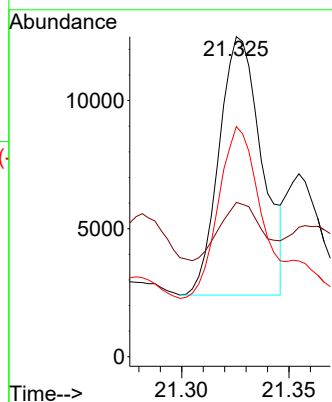
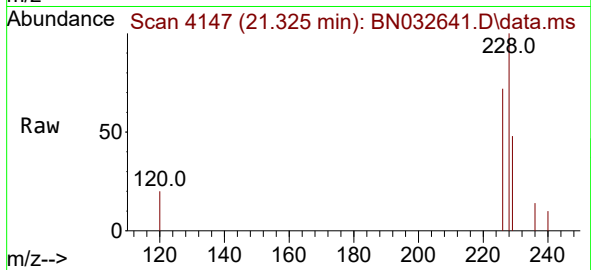
Tgt Ion:228 Resp: 13971

Ion Ratio Lower Upper

228 100

229 48.2 16.1 24.1#

226 71.9 21.9 32.9#



#22

Chrysene

Concen: 2.795 ng/ul

RT: 21.355 min Scan# 4157

Delta R.T. 0.123 min

Lab File: BN032641.D

Acq: 11 Jul 2024 18:20

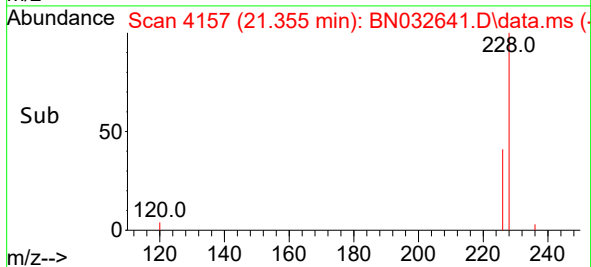
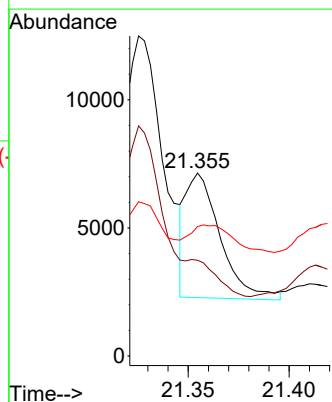
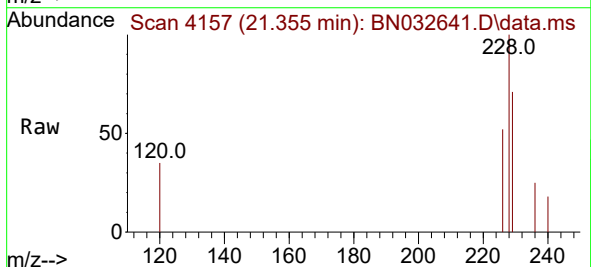
Tgt Ion:228 Resp: 5791

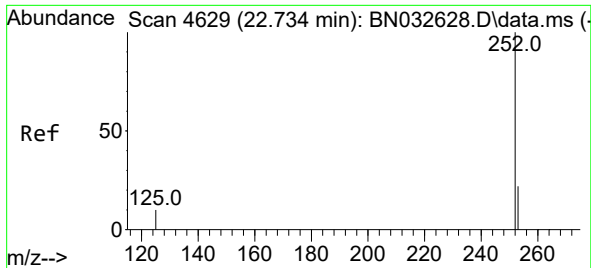
Ion Ratio Lower Upper

228 100

226 52.3 24.0 36.0#

229 70.8 15.8 23.6#

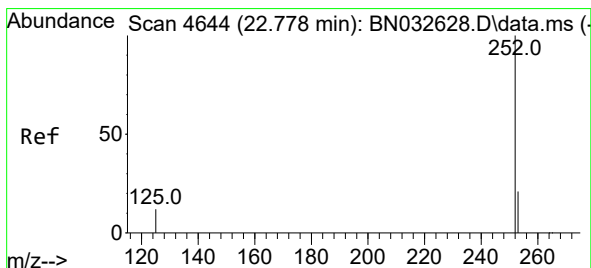
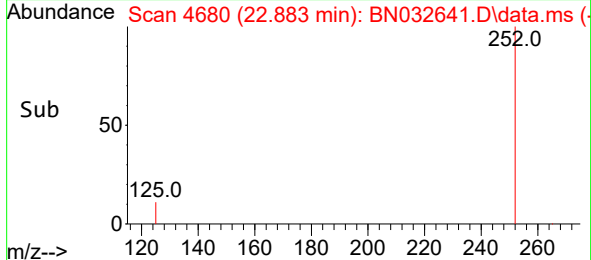
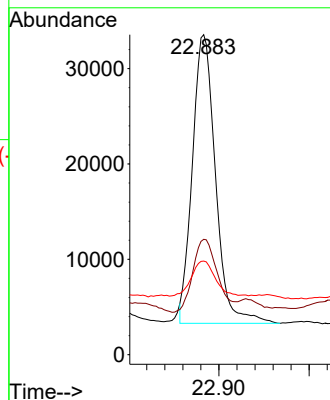
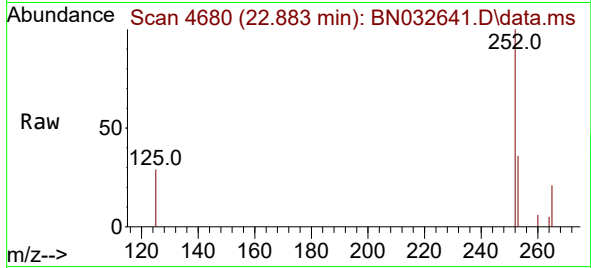




#24
Benzo(b)fluoranthene
Concen: 4.295 ng/ul
RT: 22.883 min Scan# 41
Delta R.T. 0.149 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

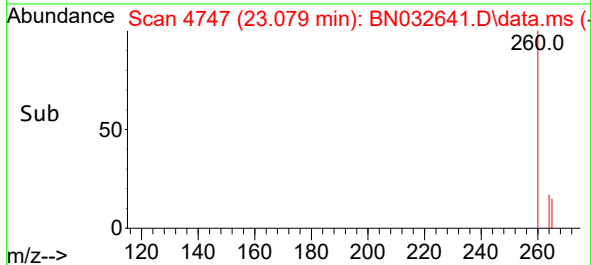
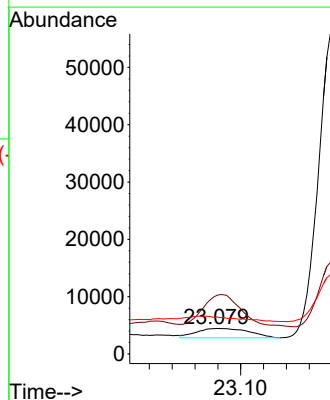
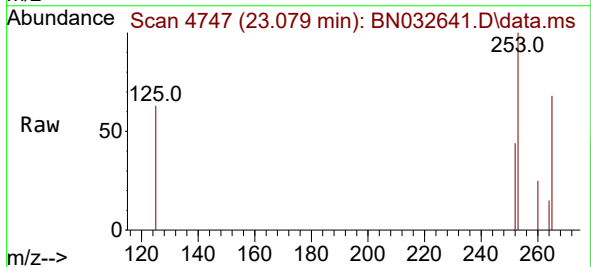
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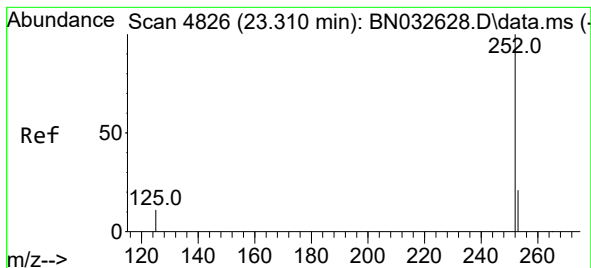
Tgt Ion:252 Resp: 53741
Ion Ratio Lower Upper
252 100
253 36.0 0.0 54.0
125 29.3 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 23.079 min Scan# 4747
Delta R.T. 0.301 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

Tgt Ion:252 Resp: 5197
Ion Ratio Lower Upper
252 100
253 229.8 21.2 31.8#
125 144.8 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.037 ng/ul

RT: 23.544 min Scan# 4906

Delta R.T. 0.234 min

Lab File: BN032641.D

Acq: 11 Jul 2024 18:20

Instrument :

BNA_N

ClientSampleId :

A4CX3

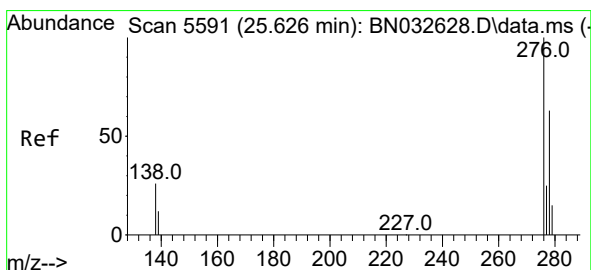
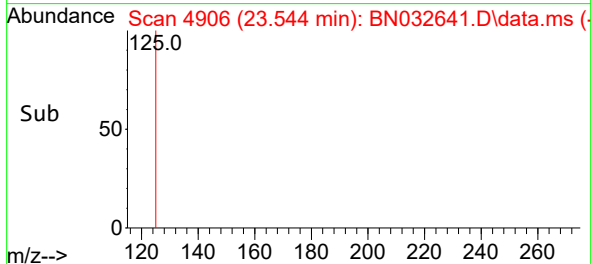
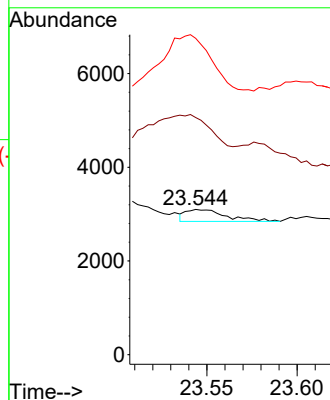
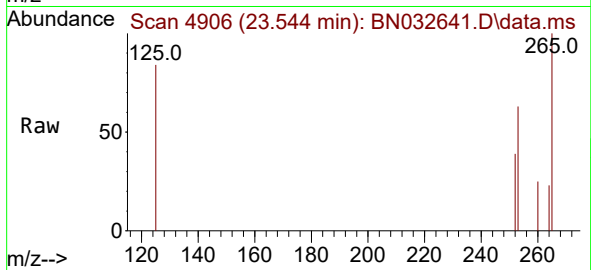
Tgt Ion:252 Resp: 401

Ion Ratio Lower Upper

252 100

253 163.3 25.4 38.0#

125 217.8 20.6 30.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.611 ng/ul

RT: 25.841 min Scan# 5655

Delta R.T. 0.215 min

Lab File: BN032641.D

Acq: 11 Jul 2024 18:20

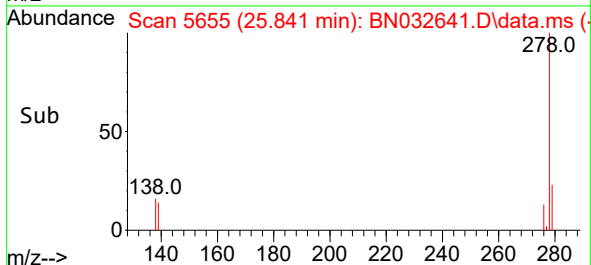
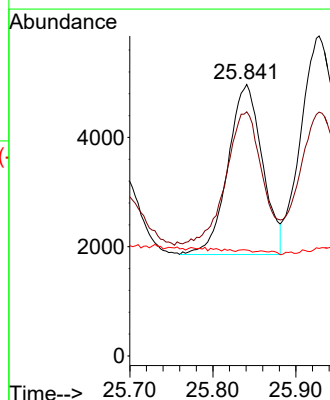
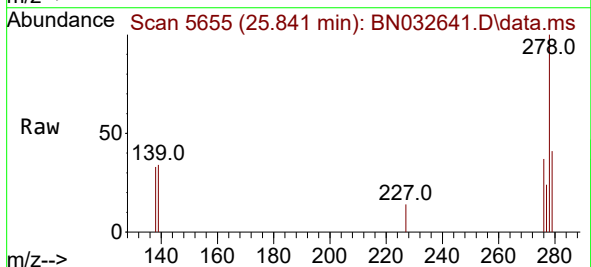
Tgt Ion:276 Resp: 8964

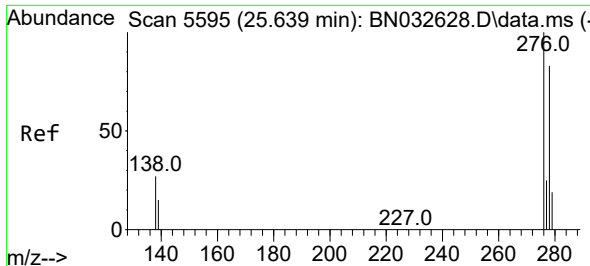
Ion Ratio Lower Upper

276 100

138 83.7 21.6 32.4#

227 0.3 0.0 0.0#

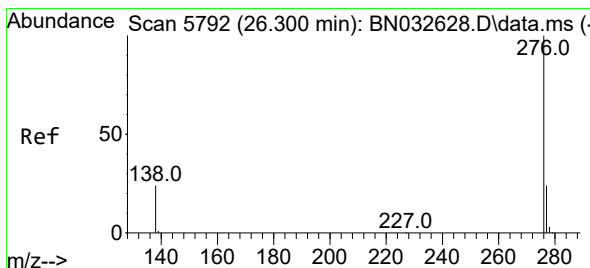
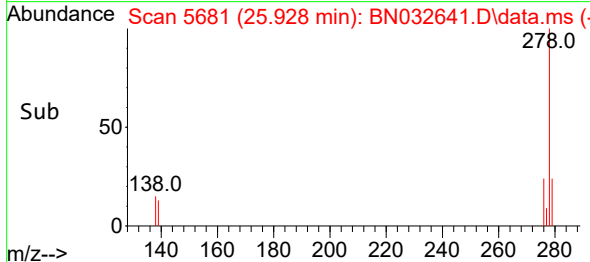
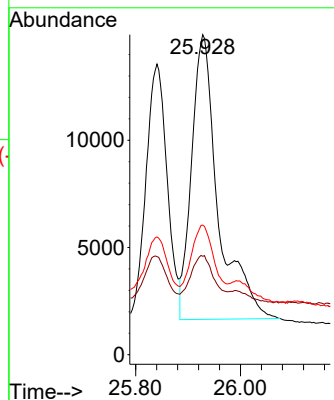
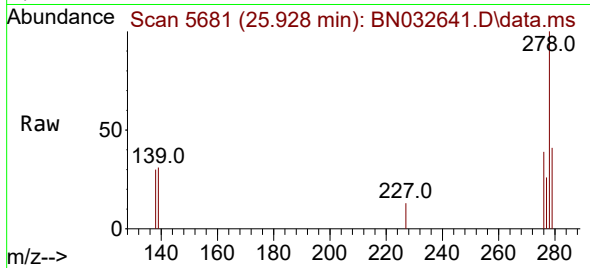




#28
Dibenzo(a,h)anthracene
Concen: 4.116 ng/ul
RT: 25.928 min Scan# 501
Delta R.T. 0.289 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

Instrument :
BNA_N
ClientSampleId :
A4CX3

Tgt Ion:278 Resp: 46770
Ion Ratio Lower Upper
278 100
139 30.7 16.6 24.8#
279 40.5 23.7 35.5#



#29
Benzo(g,h,i)perylene
Concen: 0.161 ng/ul
RT: 26.485 min Scan# 5847
Delta R.T. 0.185 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

Tgt Ion:276 Resp: 1973
Ion Ratio Lower Upper
276 100
138 100.4 21.0 31.4#
277 95.7 20.6 31.0#

