

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032706.D
 Acq On : 13 Jul 2024 12:42
 Operator : MA/JU
 Sample : P3125-02MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CZ2MS

Quant Time: Jul 15 08:56:42 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

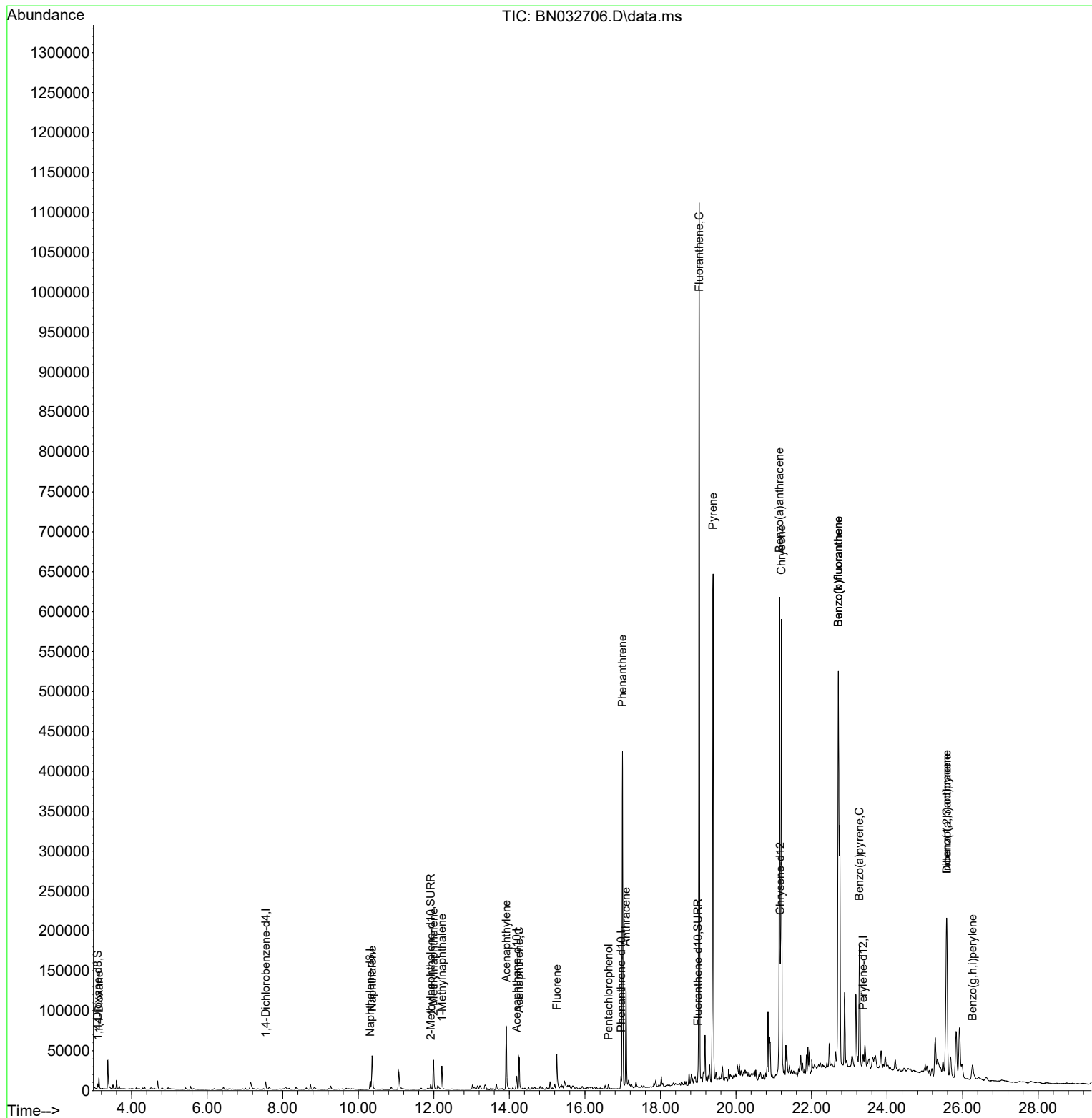
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	5464	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.316	136	16164	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.198	164	8972	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	17948	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	15478	0.400	ng/ul	#-0.02
23) Perylene-d12	23.365	264	21407	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	3339	0.509	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	8593	0.352	ng/ul	-0.05
18) Fluoranthene-d10	18.994	212	18758	0.372	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	9492	1.270	ng/ul	90
5) Naphthalene	10.365	128	63359	1.460	ng/ul	97
7) 2-Methylnaphthalene	11.993	142	30261	1.117	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	21375	0.763	ng/ul	99
10) Acenaphthylene	13.920	152	104961	2.896	ng/ul	98
11) Acenaphthene	14.258	153	24588	0.820	ng/ul	100
12) Fluorene	15.257	166	31226	0.911	ng/ul	99
14) Pentachlorophenol	16.623	266	4672	1.484	ng/ul	98
15) Phenanthrene	16.995	178	450105	9.208	ng/ul	99
16) Anthracene	17.088	178	132311	3.313	ng/ul	99
19) Fluoranthene	19.027	202	933553	14.835	ng/ul	98
20) Pyrene	19.394	202	578498	8.881	ng/ul	98
21) Benzo(a)anthracene	21.153	228	514389	10.441	ng/ul	97
22) Chrysene	21.206	228	568180	7.972	ng/ul	97
24) Benzo(b)fluoranthene	22.708	252	1080415	14.304	ng/ul	92
25) Benzo(k)fluoranthene	22.708	252	879393	9.554	ng/ul#	92
26) Benzo(a)pyrene	23.269	252	213670	3.269	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.579	276	259393	2.931	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.579	278	135961	1.982	ng/ul#	91
29) Benzo(g,h,i)perylene	26.263	276	36284	0.491	ng/ul#	75

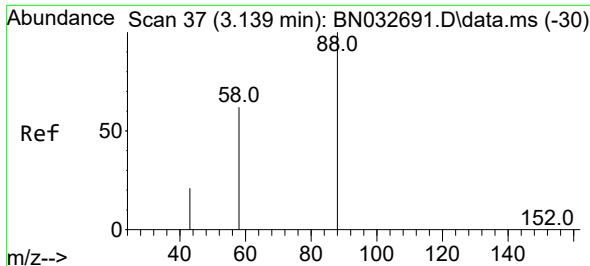
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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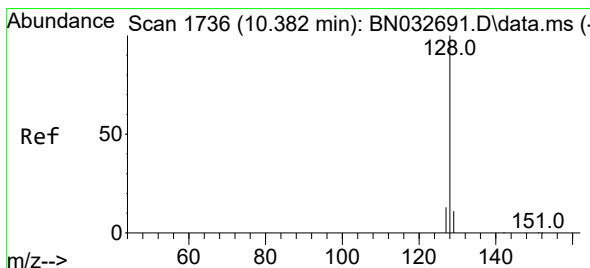
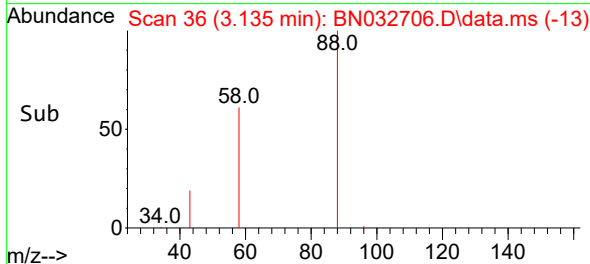
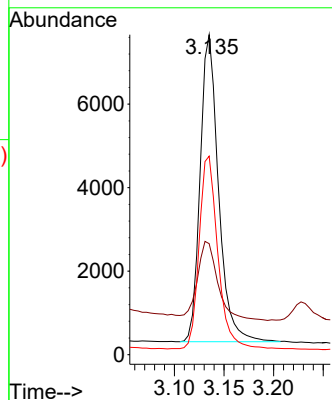
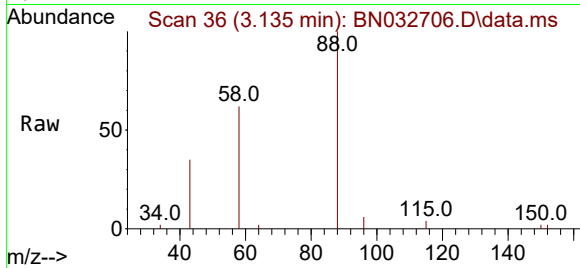




#2
1,4-Dioxane
Concen: 1.270 ng/ul
RT: 3.135 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

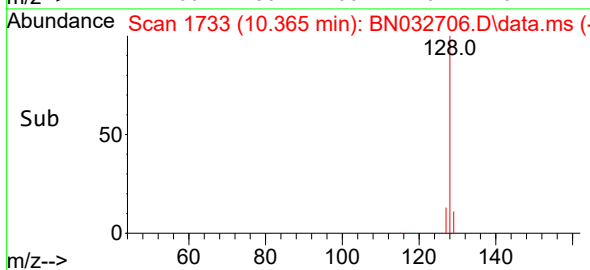
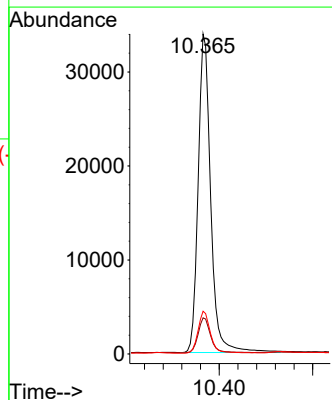
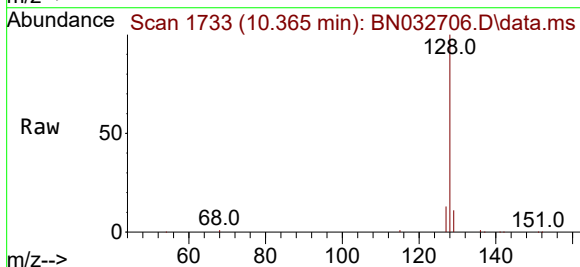
Instrument :
BNA_N
ClientSampleId :
A4CZ2MS

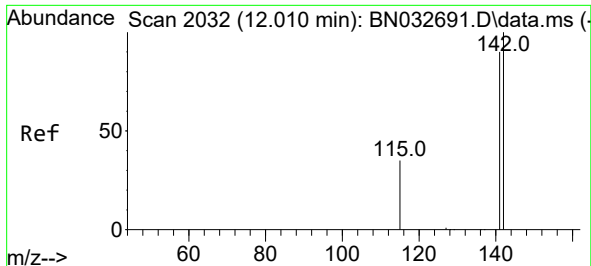
Tgt Ion: 88 Resp: 9492
Ion Ratio Lower Upper
88 100
43 34.7 24.0 36.0
58 62.1 43.3 64.9



#5
Naphthalene
Concen: 1.460 ng/ul
RT: 10.365 min Scan# 1733
Delta R.T. -0.044 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

Tgt Ion: 128 Resp: 63359
Ion Ratio Lower Upper
128 100
129 11.3 10.0 15.0
127 13.3 11.6 17.4

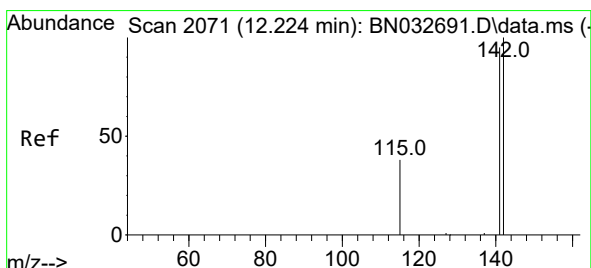
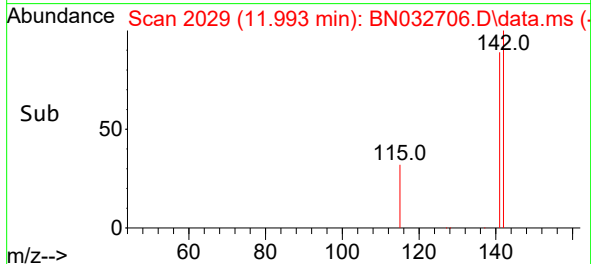
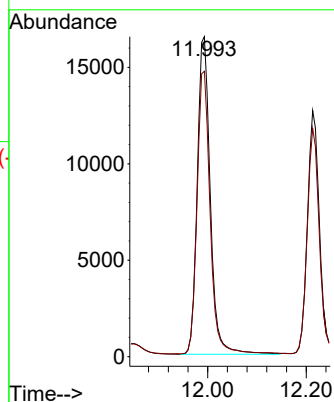
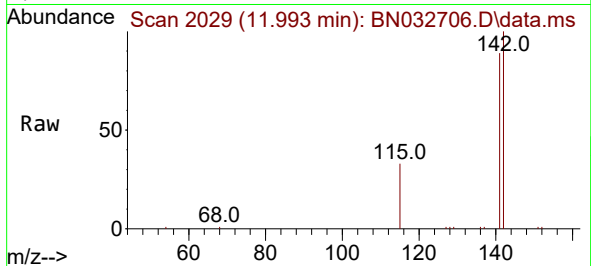




#7
2-Methylnaphthalene
Concen: 1.117 ng/ul
RT: 11.993 min Scan# 2069
Delta R.T. -0.055 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

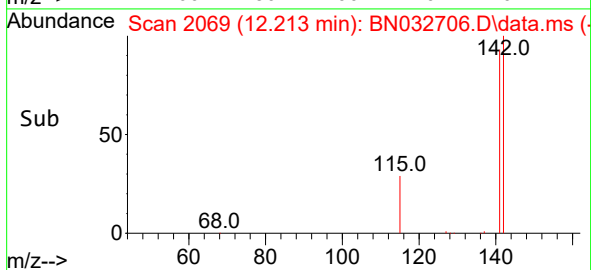
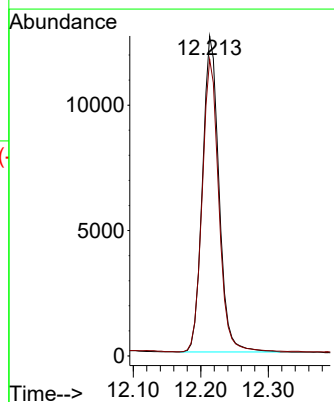
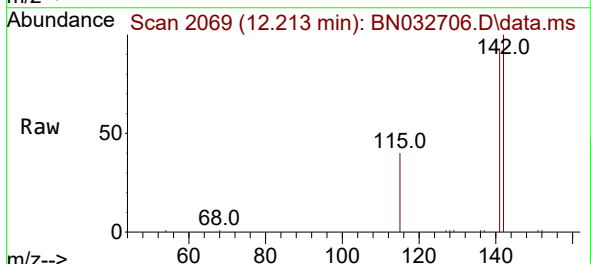
Instrument :
BNA_N
ClientSampleId :
A4CZ2MS

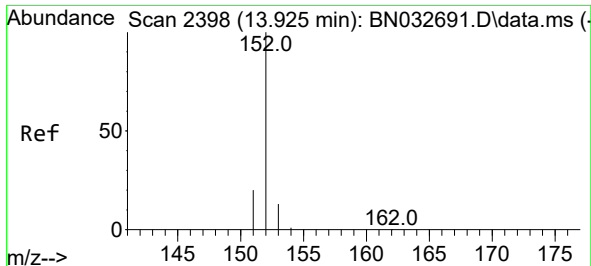
Tgt Ion:142 Resp: 30261
Ion Ratio Lower Upper
142 100
141 89.3 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.763 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.033 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

Tgt Ion:142 Resp: 21375
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4

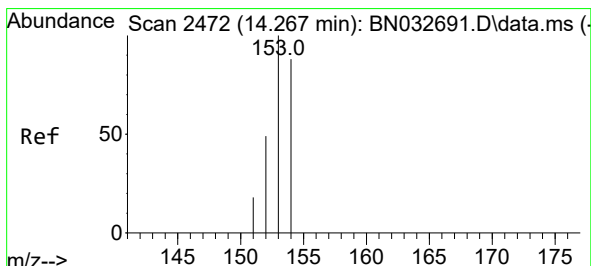
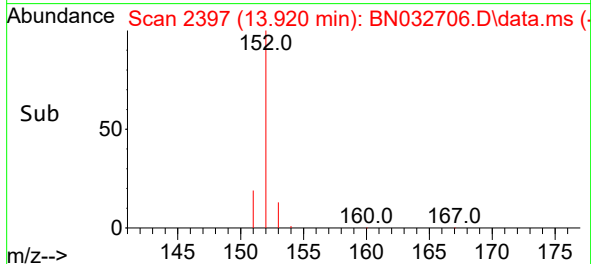
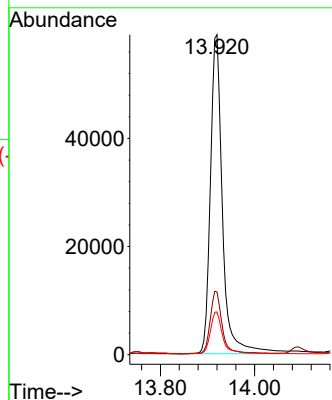
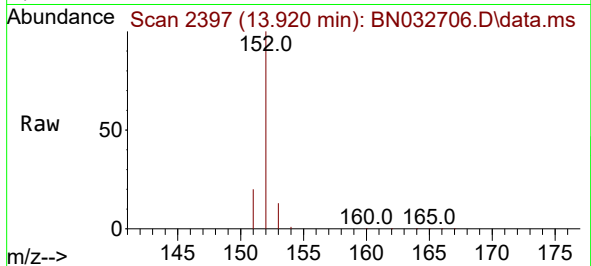




#10
Acenaphthylene
Concen: 2.896 ng/ul
RT: 13.920 min Scan# 21
Delta R.T. -0.023 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

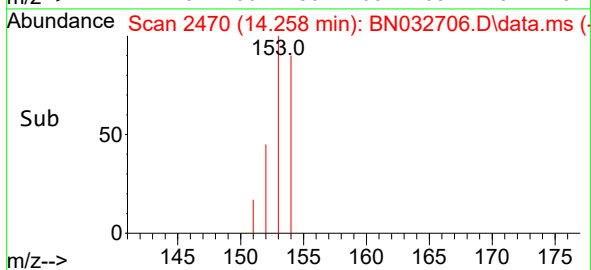
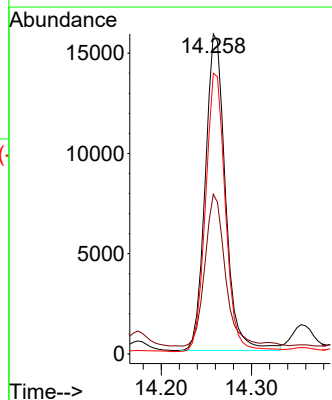
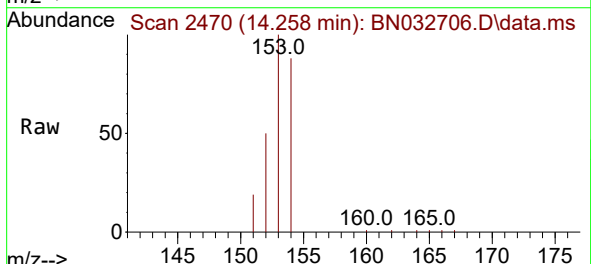
Instrument :
BNA_N
ClientSampleId :
A4CZ2MS

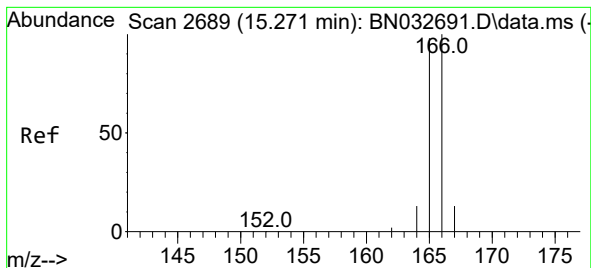
Tgt Ion:152 Resp: 104961
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5
153 13.4 11.3 16.9



#11
Acenaphthene
Concen: 0.820 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.023 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

Tgt Ion:153 Resp: 24588
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 87.7 70.2 105.4





#12

Fluorene

Concen: 0.911 ng/ul

RT: 15.257 min Scan# 20

Delta R.T. -0.032 min

Lab File: BN032706.D

Acq: 13 Jul 2024 12:42

Instrument :

BNA_N

ClientSampleId :

A4CZ2MS

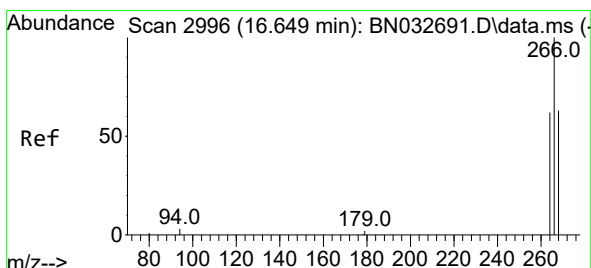
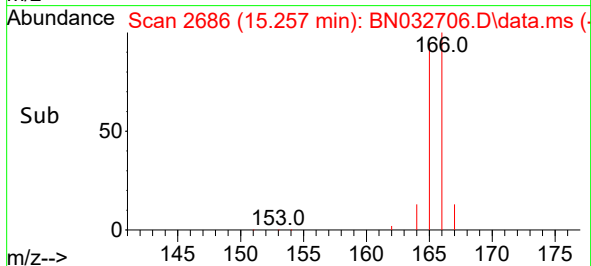
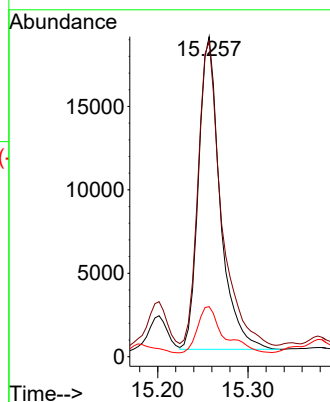
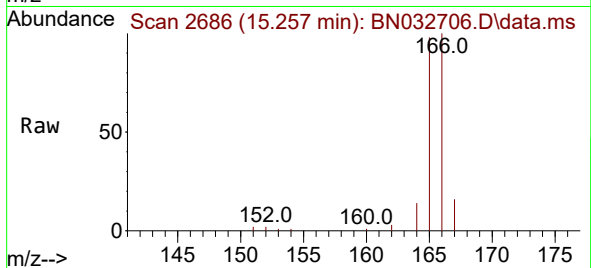
Tgt Ion:166 Resp: 31226

Ion Ratio Lower Upper

166 100

165 98.5 79.7 119.5

167 15.7 11.4 17.2



#14

Pentachlorophenol

Concen: 1.484 ng/ul

RT: 16.623 min Scan# 2990

Delta R.T. -0.046 min

Lab File: BN032706.D

Acq: 13 Jul 2024 12:42

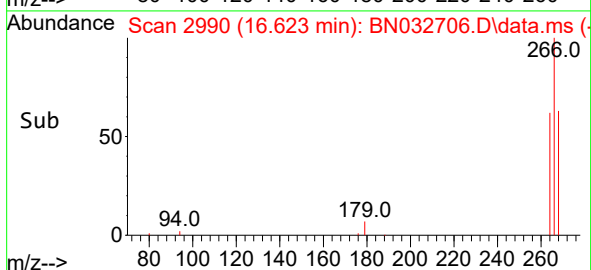
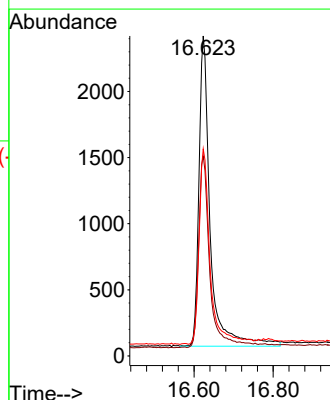
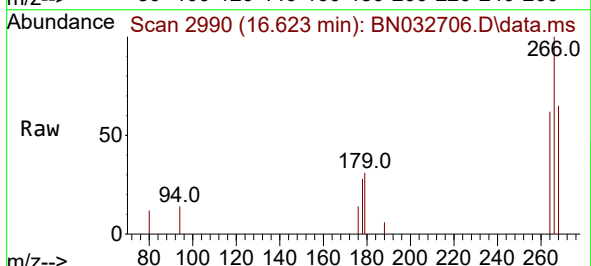
Tgt Ion:266 Resp: 4672

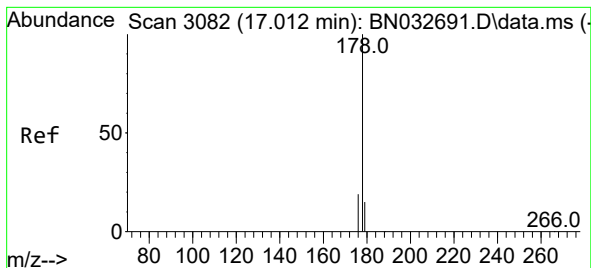
Ion Ratio Lower Upper

266 100

264 62.4 49.4 74.2

268 62.6 51.6 77.4





#15

Phenanthrene

Concen: 9.208 ng/ul

RT: 16.995 min Scan# 30

Delta R.T. -0.034 min

Lab File: BN032706.D

Acq: 13 Jul 2024 12:42

Instrument :

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ClientSampleId :

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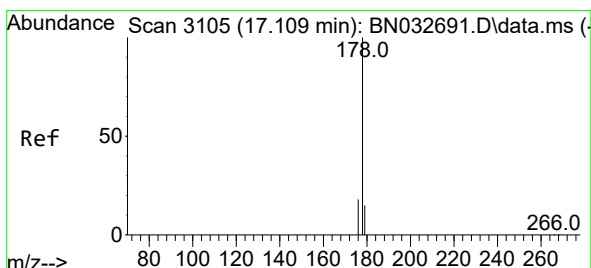
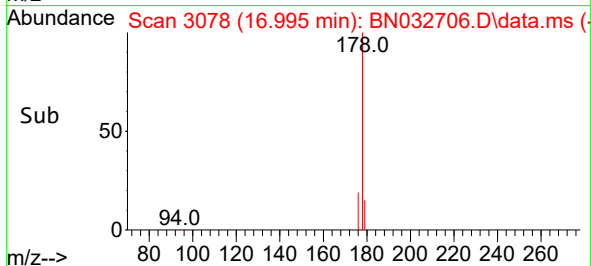
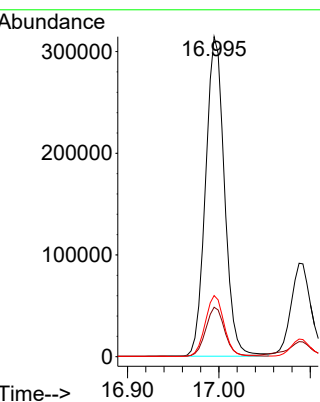
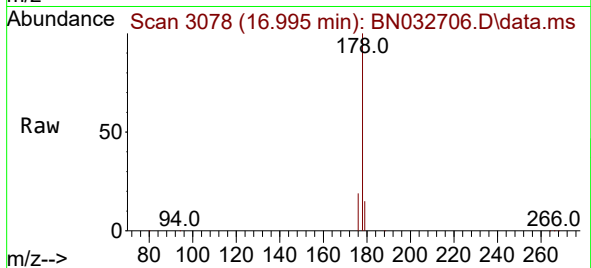
Tgt Ion:178 Resp: 450105

Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.4

176 19.1 15.6 23.4



#16

Anthracene

Concen: 3.313 ng/ul

RT: 17.088 min Scan# 3100

Delta R.T. -0.051 min

Lab File: BN032706.D

Acq: 13 Jul 2024 12:42

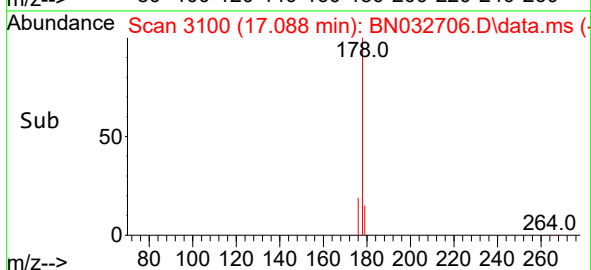
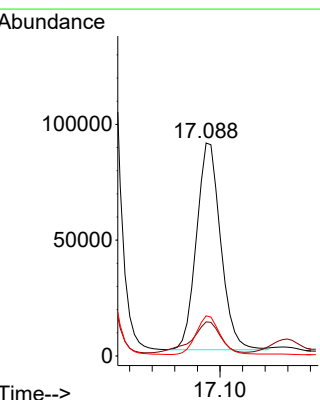
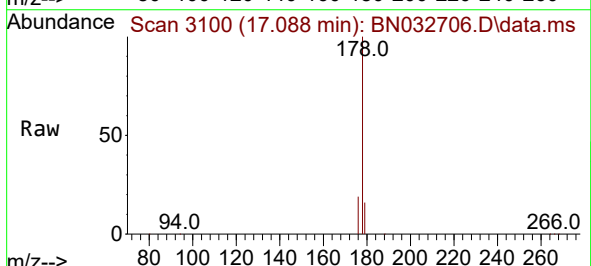
Tgt Ion:178 Resp: 132311

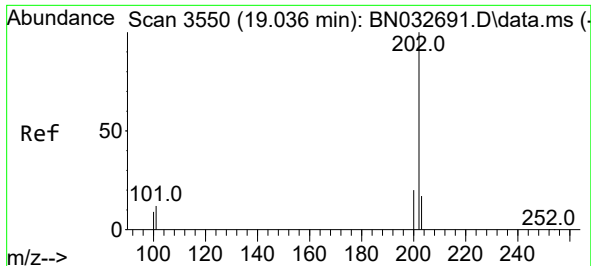
Ion Ratio Lower Upper

178 100

179 16.0 13.4 20.2

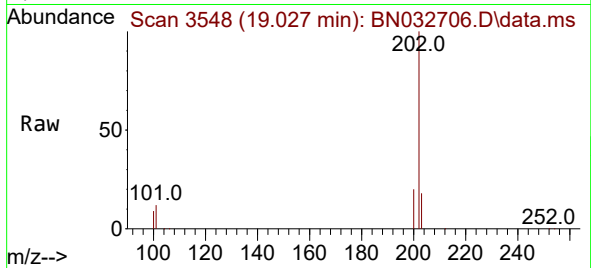
176 18.8 15.4 23.0



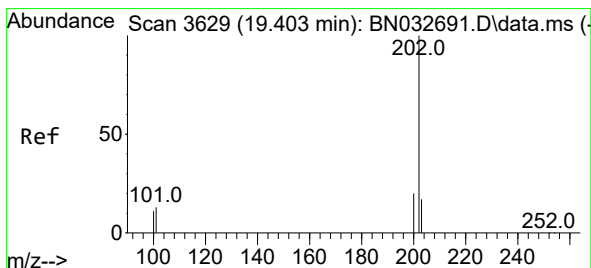
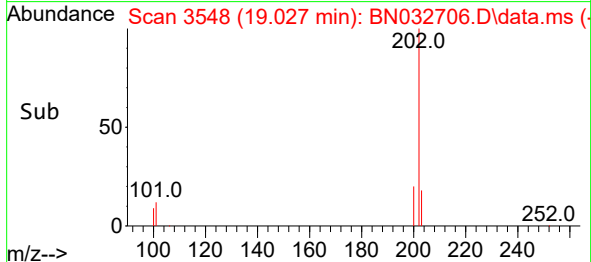
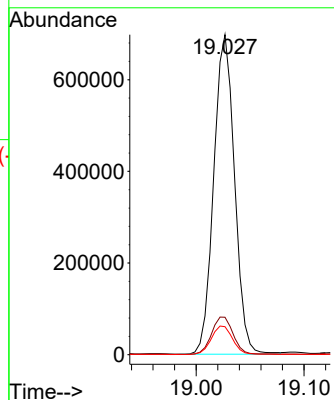


#19
Fluoranthene
Concen: 14.835 ng/ul
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

Instrument :
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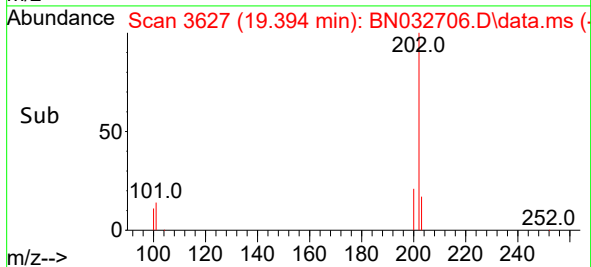
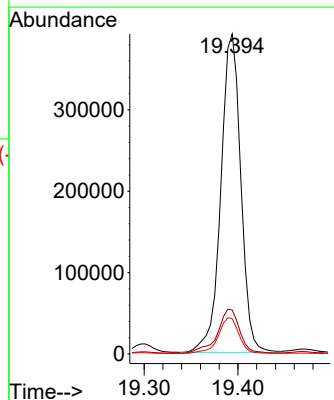
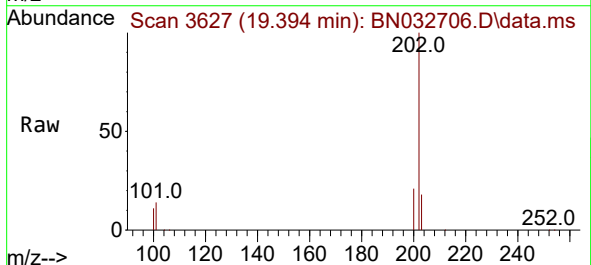


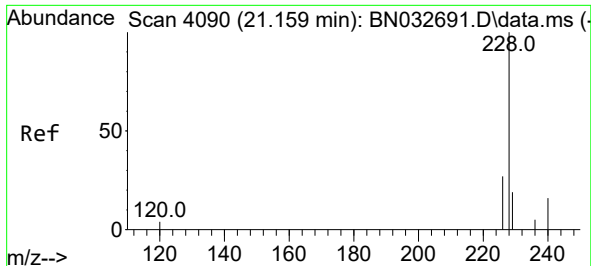
Tgt Ion:202 Resp: 933553
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.7 7.9 11.9



#20
Pyrene
Concen: 8.881 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

Tgt Ion:202 Resp: 578498
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 11.0 9.6 14.4

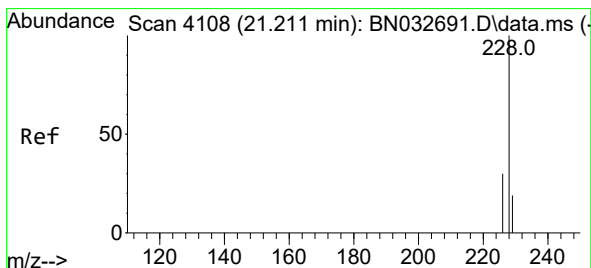
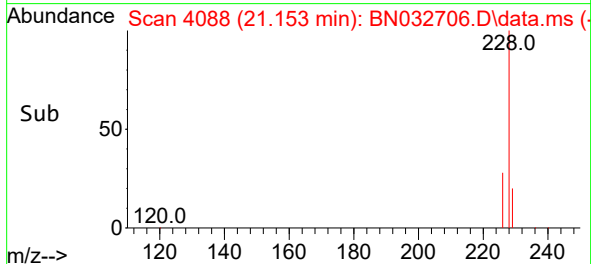
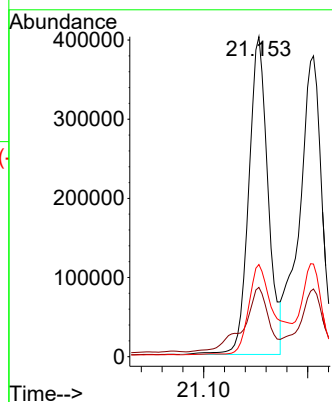
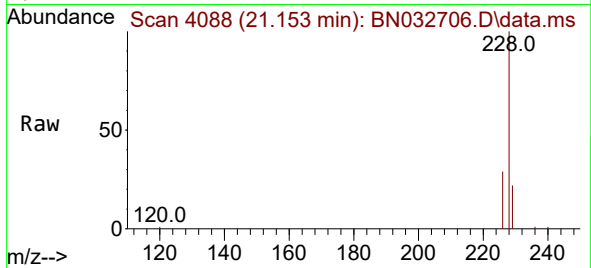




#21
Benzo(a)anthracene
Concen: 10.441 ng/ul
RT: 21.153 min Scan# 4090
Delta R.T. -0.029 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

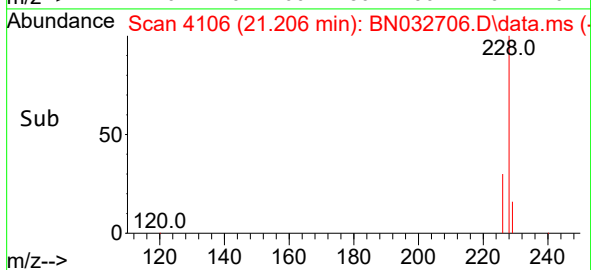
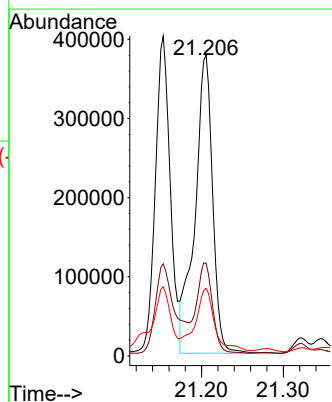
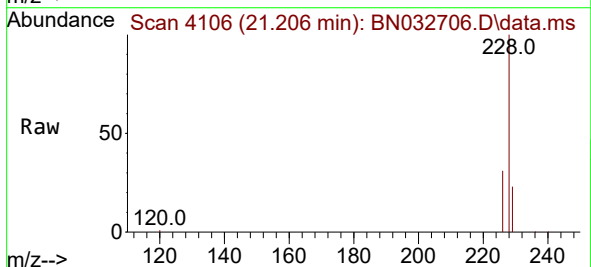
Instrument :
BNA_N
ClientSampleId :
A4CZ2MS

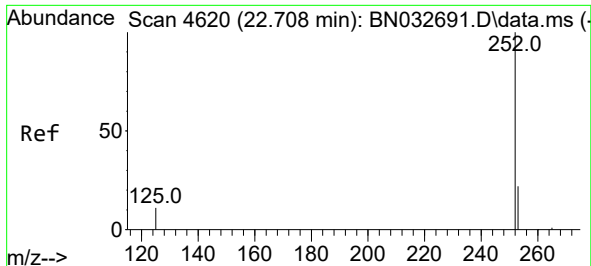
Tgt Ion:228 Resp: 514389
Ion Ratio Lower Upper
228 100
229 21.6 16.1 24.1
226 28.8 21.9 32.9



#22
Chrysene
Concen: 7.972 ng/ul
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

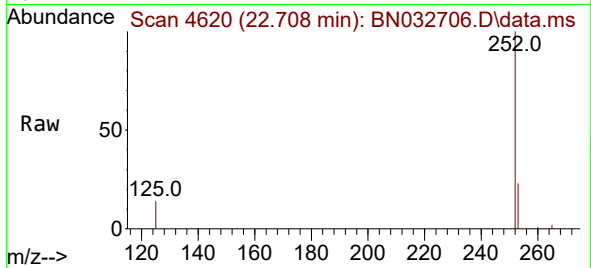
Tgt Ion:228 Resp: 568180
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 22.5 15.8 23.6



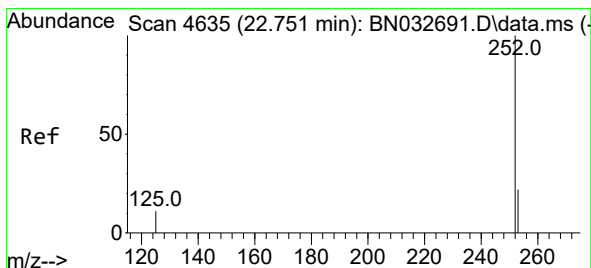
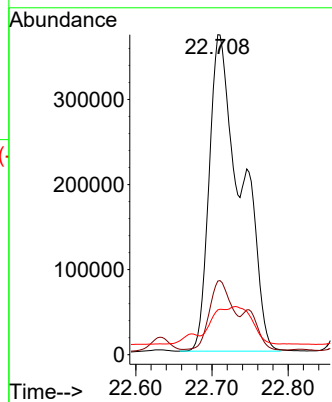
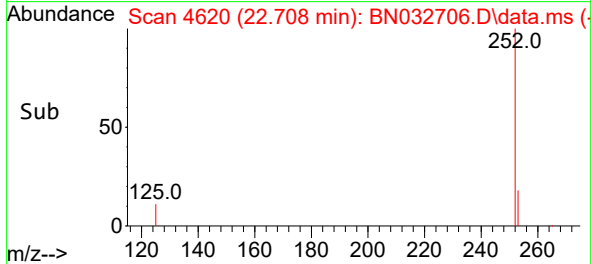


#24
Benzo(b)fluoranthene
Concen: 14.304 ng/ul
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

Instrument :
BNA_N
ClientSampleId :
A4CZ2MS

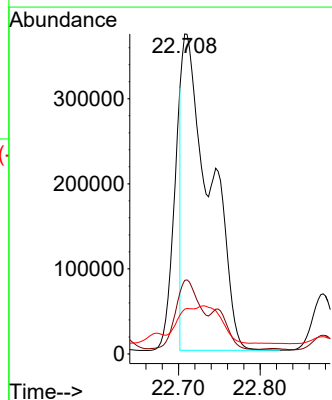
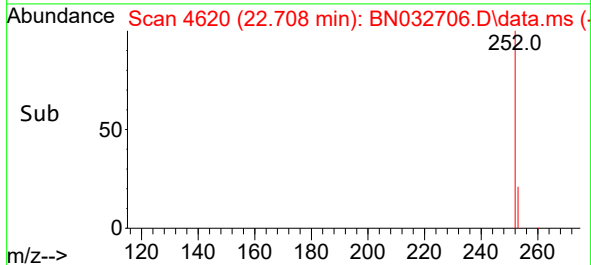
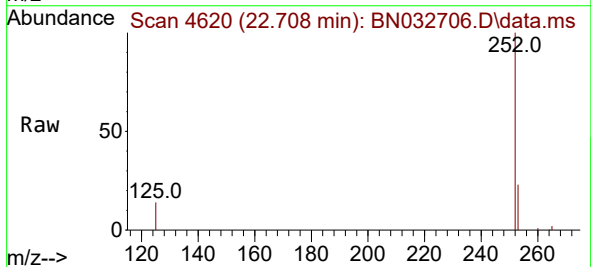


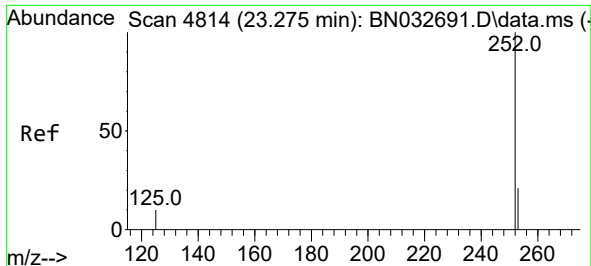
Tgt Ion:252 Resp: 1080415
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 14.0 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 9.554 ng/ul
RT: 22.708 min Scan# 4620
Delta R.T. -0.070 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

Tgt Ion:252 Resp: 879393
Ion Ratio Lower Upper
252 100
253 23.0 21.2 31.8
125 14.0 14.8 22.2#

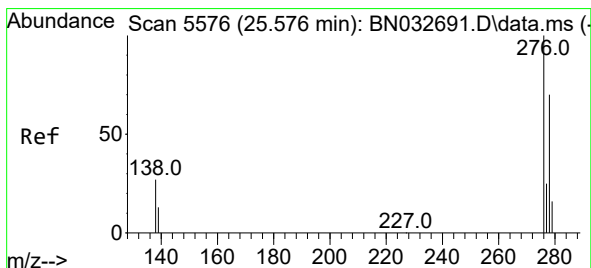
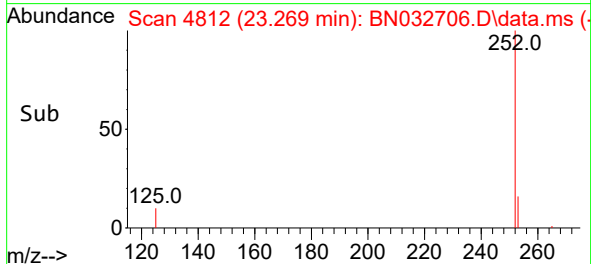
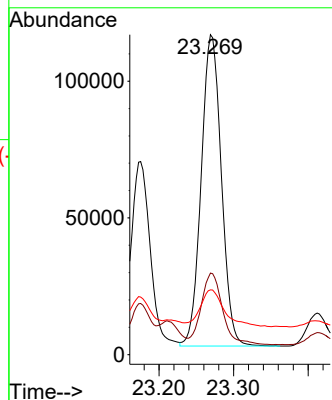
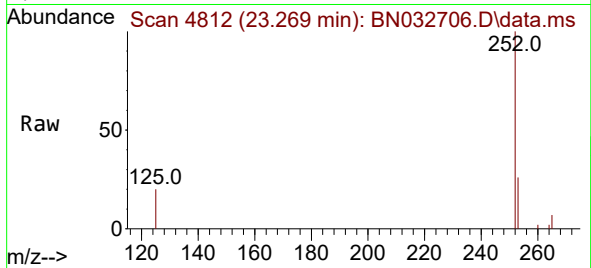




#26
Benzo(a)pyrene
Concen: 3.269 ng/ul
RT: 23.269 min Scan# 4814
Delta R.T. -0.041 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

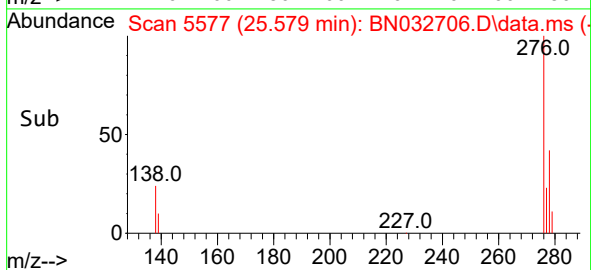
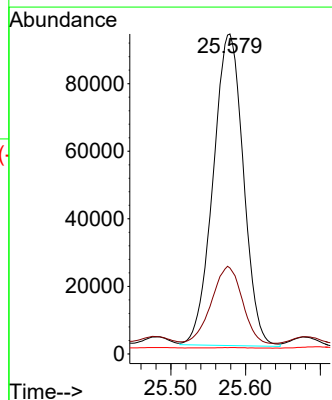
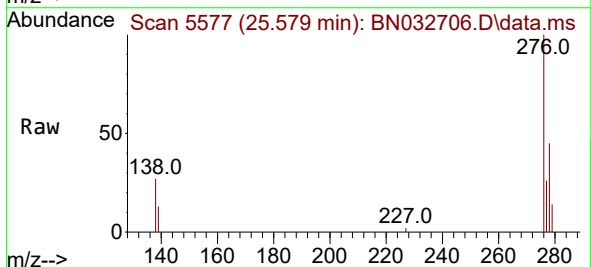
Instrument :
BNA_N
ClientSampleId :
A4CZ2MS

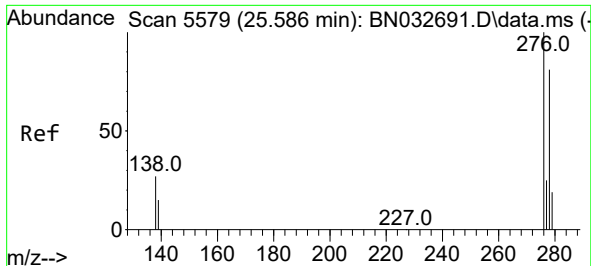
Tgt Ion:252 Resp: 213670
Ion Ratio Lower Upper
252 100
253 25.5 25.4 38.0
125 20.3 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.931 ng/ul
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032706.D
Acq: 13 Jul 2024 12:42

Tgt Ion:276 Resp: 259393
Ion Ratio Lower Upper
276 100
138 25.1 21.6 32.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.982 ng/ul

RT: 25.579 min Scan# 51

Delta R.T. -0.060 min

Lab File: BN032706.D

Acq: 13 Jul 2024 12:42

Instrument :

BNA_N

ClientSampleId :

A4CZ2MS

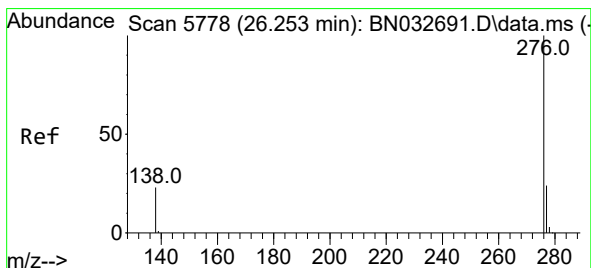
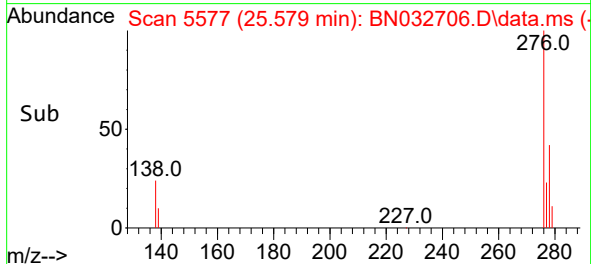
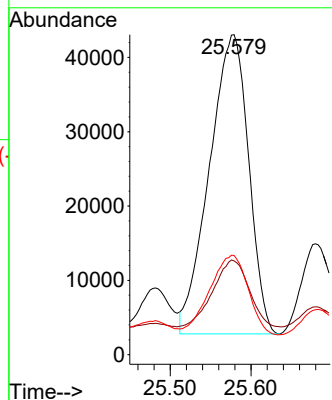
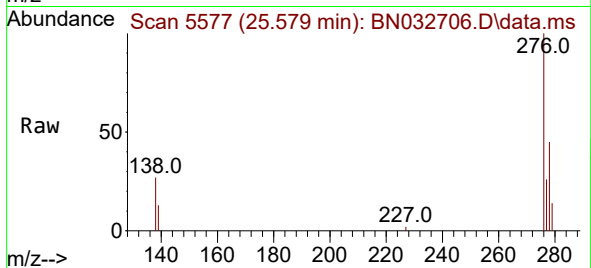
Tgt Ion:278 Resp: 135961

Ion Ratio Lower Upper

278 100

139 29.3 16.6 24.8#

279 31.0 23.7 35.5



#29

Benzo(g,h,i)perylene

Concen: 0.491 ng/ul

RT: 26.263 min Scan# 5781

Delta R.T. -0.037 min

Lab File: BN032706.D

Acq: 13 Jul 2024 12:42

Tgt Ion:276 Resp: 36284

Ion Ratio Lower Upper

276 100

138 40.8 21.0 31.4#

277 36.5 20.6 31.0#

