

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030135.D
 Acq On : 28 Feb 2024 18:25
 Operator : MA/JU
 Sample : PB159159BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS159

Quant Time: Feb 28 23:06:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 23:49:29 2024
 Response via : Initial Calibration

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

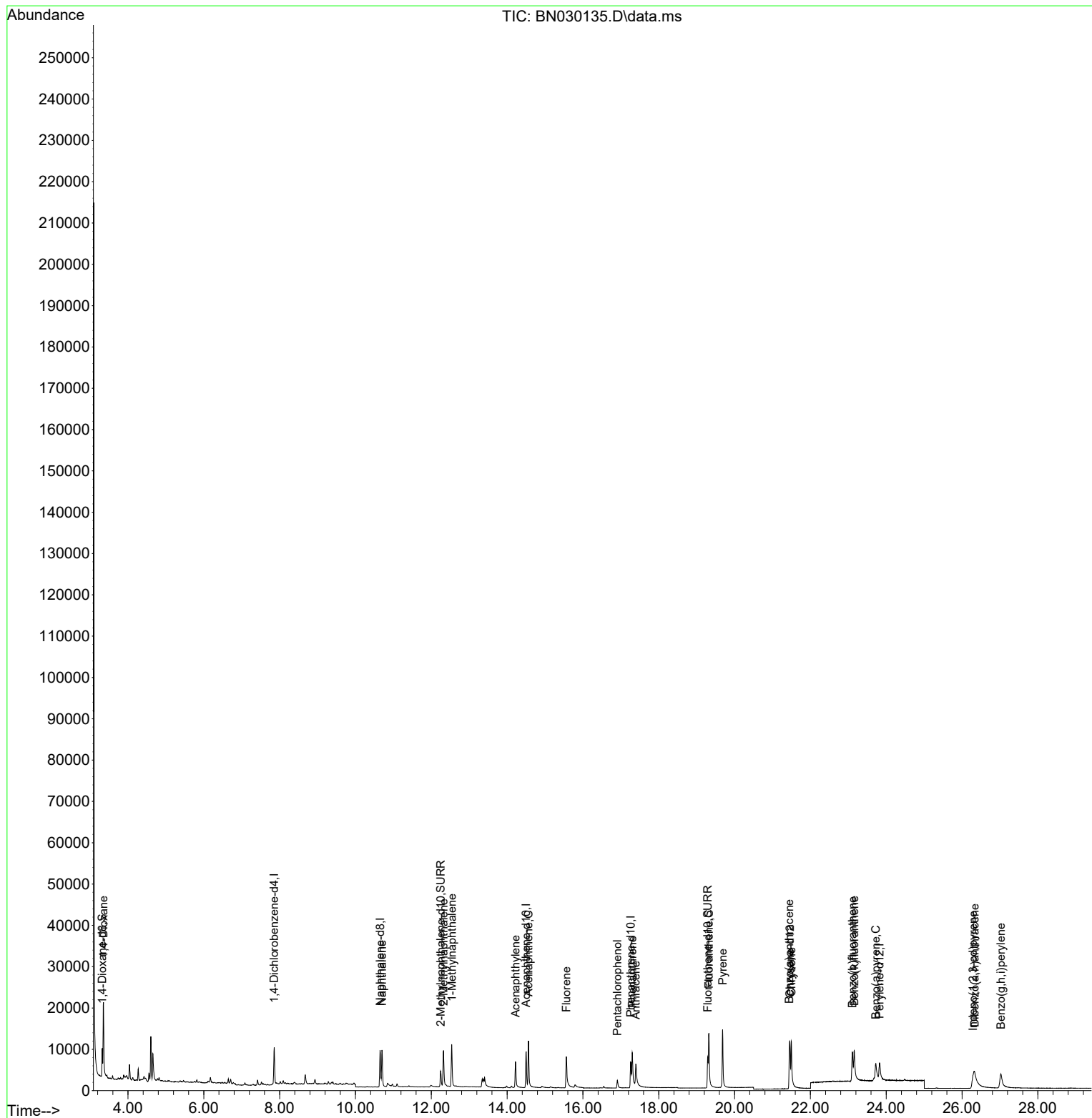
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4753	0.400	ng/ul	0.00
4) Naphthalene-d8	10.650	136	13268	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	5756	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.259	188	10576	0.400	ng/ul	0.00
17) Chrysene-d12	21.458	240	8058	0.400	ng/ul	0.00
23) Perylene-d12	23.826	264	7128	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	4112	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	6002	0.356	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	10410	0.393	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.353	88	11796	1.828	ng/ul#	85
5) Naphthalene	10.700	128	13212	0.354	ng/ul	99
7) 2-Methylnaphthalene	12.322	142	7273	0.340	ng/ul	99
8) 1-Methylnaphthalene	12.542	142	7760	0.356	ng/ul	99
10) Acenaphthylene	14.224	152	9740	0.347	ng/ul	98
11) Acenaphthene	14.562	153	7889	0.370	ng/ul	97
12) Fluorene	15.561	166	7941	0.356	ng/ul	98
14) Pentachlorophenol	16.909	266	1713	0.726	ng/ul#	48
15) Phenanthrene	17.301	178	11907	0.360	ng/ul	98
16) Anthracene	17.394	178	10053	0.362	ng/ul	98
19) Fluoranthene	19.323	202	13846	0.374	ng/ul	98
20) Pyrene	19.685	202	14707	0.388	ng/ul	97
21) Benzo(a)anthracene	21.443	228	10000	0.344	ng/ul	99
22) Chrysene	21.496	228	12509	0.393	ng/ul	100
24) Benzo(b)fluoranthene	23.106	252	11318	0.422	ng/ul	99
25) Benzo(k)fluoranthene	23.156	252	13410	0.451	ng/ul	97
26) Benzo(a)pyrene	23.723	252	10328	0.410	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.285	276	12090	0.395	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.332	278	9242	0.385	ng/ul#	92
29) Benzo(g,h,i)perylene	27.023	276	11313	0.407	ng/ul	96

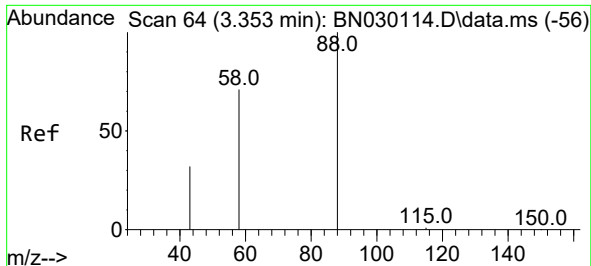
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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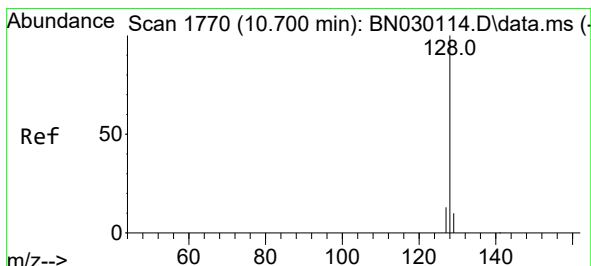
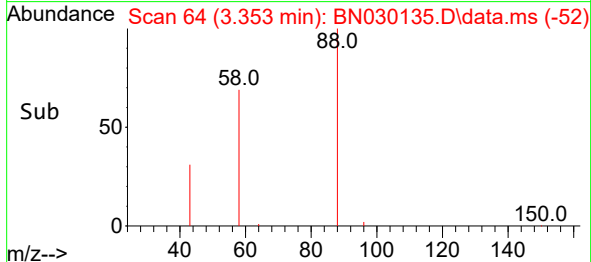
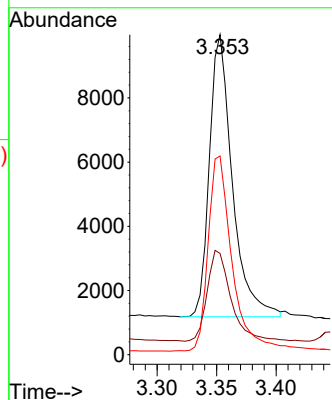
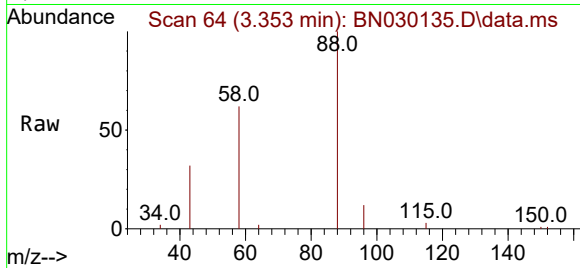




#2
1,4-Dioxane
Concen: 1.828 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

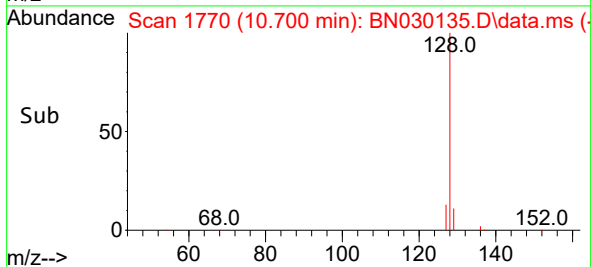
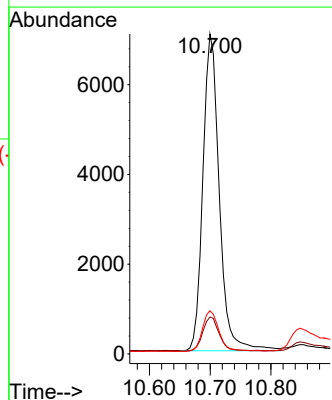
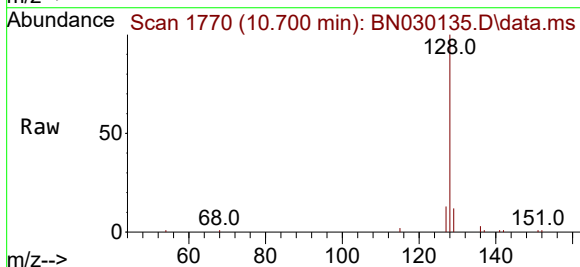
Instrument :
BNA_N
ClientSampleId :
SLCS159

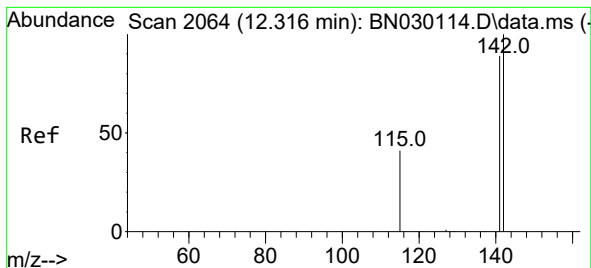
Tgt Ion: 88 Resp: 11796
Ion Ratio Lower Upper
88 100
43 31.6 21.8 32.6
58 62.1 39.3 58.9#



#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.700 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

Tgt Ion:128 Resp: 13212
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.5 11.0 16.6

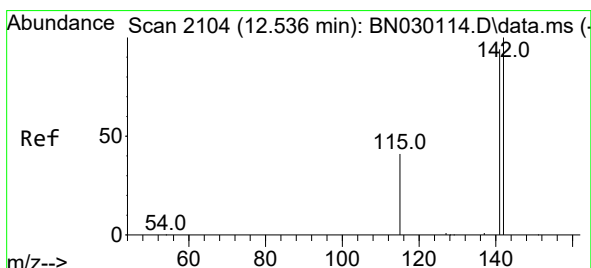
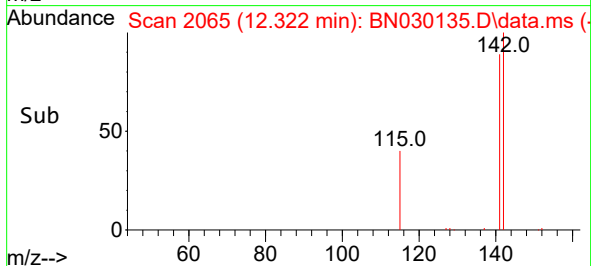
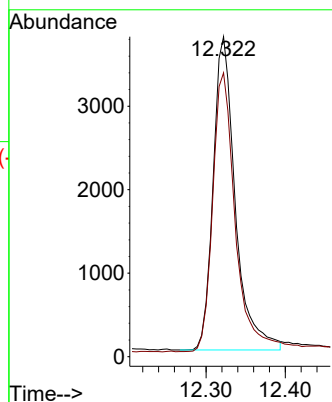
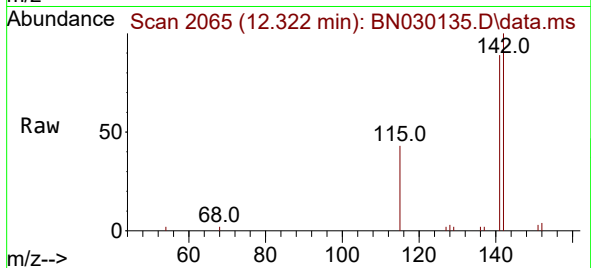




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.322 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

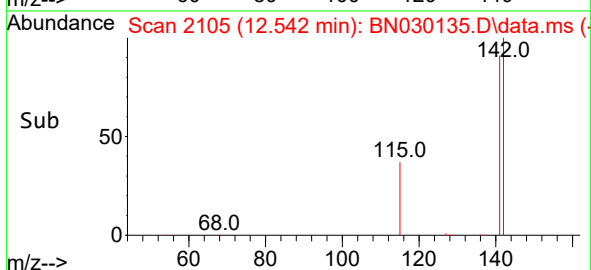
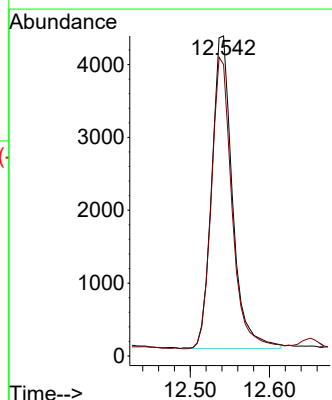
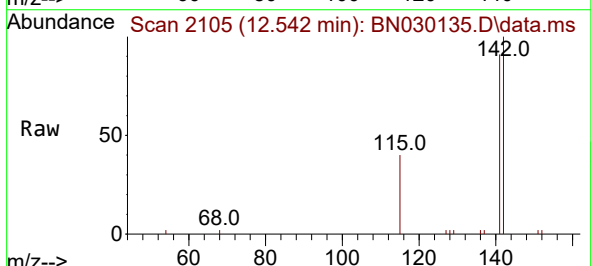
Instrument :
BNA_N
ClientSampleId :
SLCS159

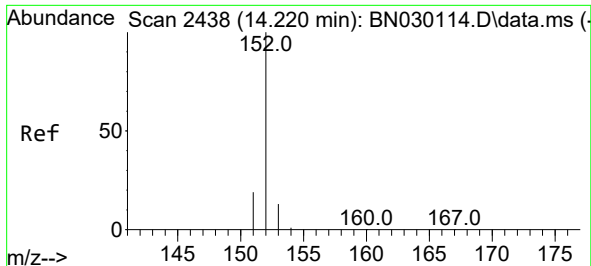
Tgt Ion:142 Resp: 7273
Ion Ratio Lower Upper
142 100
141 90.7 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

Tgt Ion:142 Resp: 7760
Ion Ratio Lower Upper
142 100
141 93.1 73.9 110.9

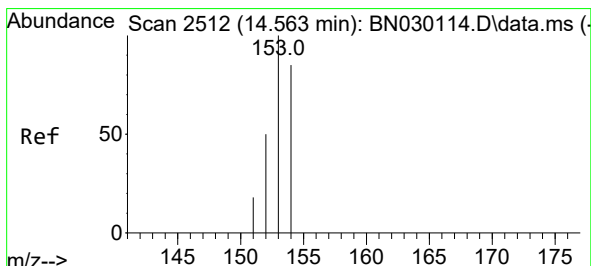
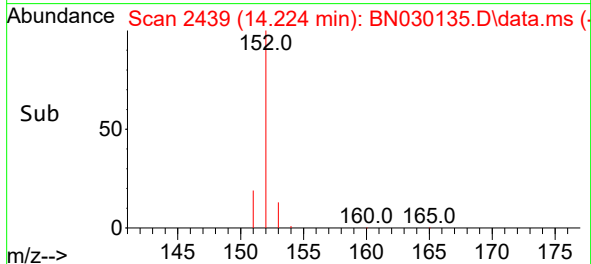
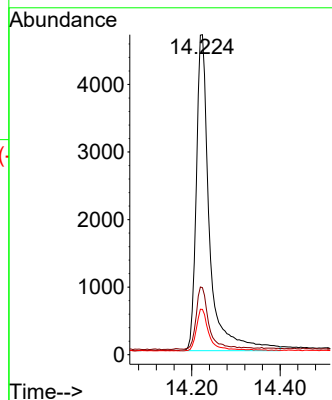
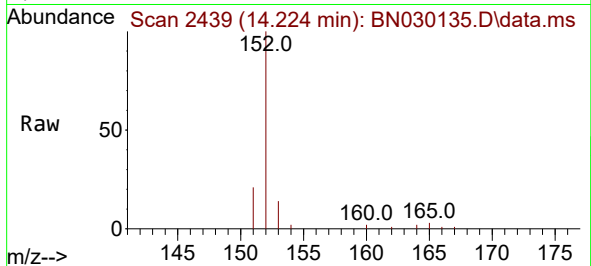




#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 14.224 min Scan# 2438
Delta R.T. 0.005 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

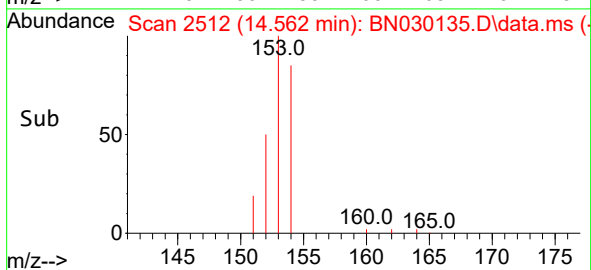
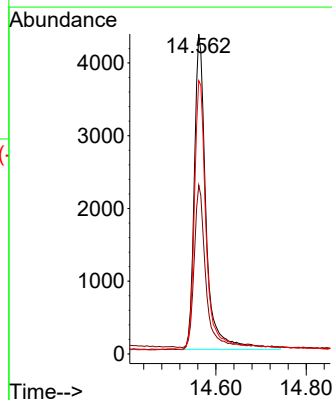
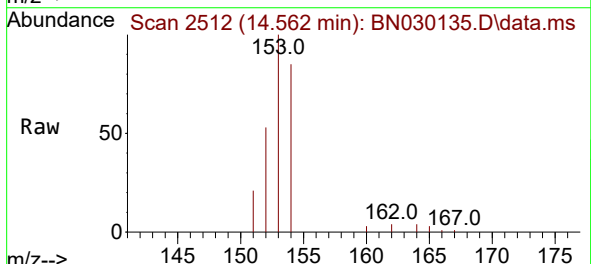
Instrument :
BNA_N
ClientSampleId :
SLCS159

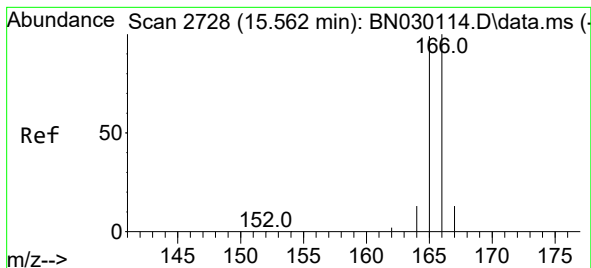
Tgt Ion:152 Resp: 9740
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.8
153 14.1 10.9 16.3



#11
Acenaphthene
Concen: 0.370 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

Tgt Ion:153 Resp: 7889
Ion Ratio Lower Upper
153 100
152 52.7 41.5 62.3
154 85.4 70.9 106.3





#12

Fluorene

Concen: 0.356 ng/ul

RT: 15.561 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN030135.D

Acq: 28 Feb 2024 18:25

Instrument :

BNA_N

ClientSampleId :

SLCS159

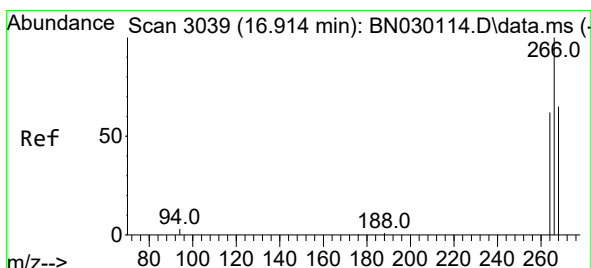
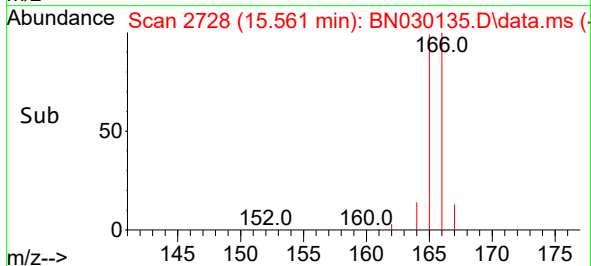
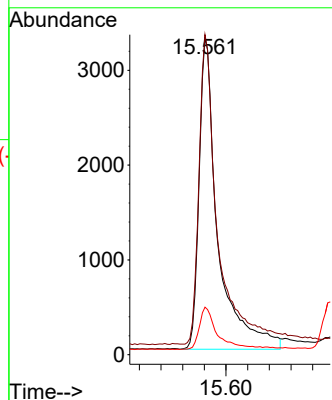
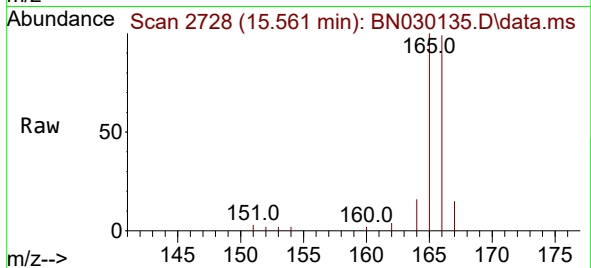
Tgt Ion:166 Resp: 7941

Ion Ratio Lower Upper

166 100

165 100.7 78.6 117.8

167 15.0 11.5 17.3



#14

Pentachlorophenol

Concen: 0.726 ng/ul

RT: 16.909 min Scan# 3038

Delta R.T. -0.008 min

Lab File: BN030135.D

Acq: 28 Feb 2024 18:25

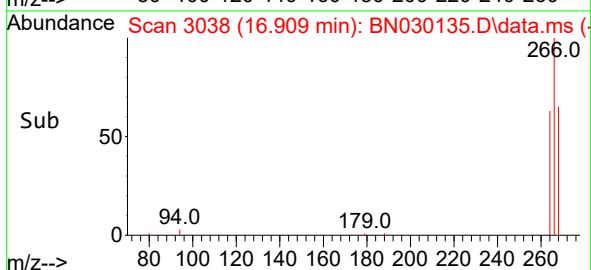
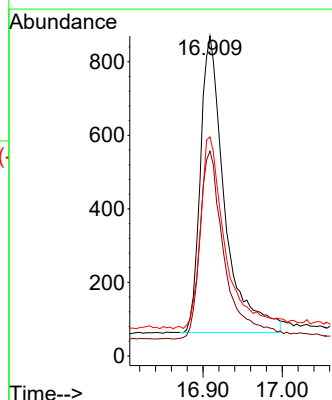
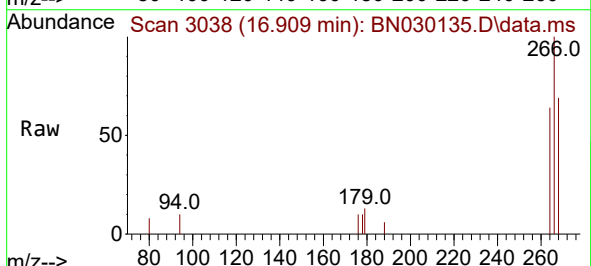
Tgt Ion:266 Resp: 1713

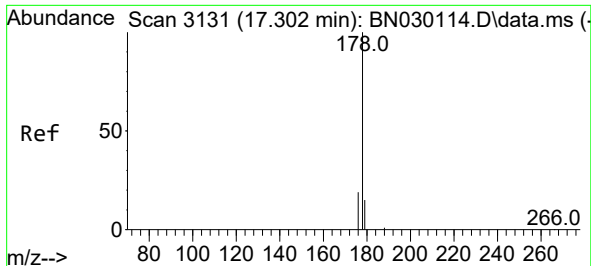
Ion Ratio Lower Upper

266 100

264 64.6 0.0 0.0#

268 66.4 0.2 0.2#

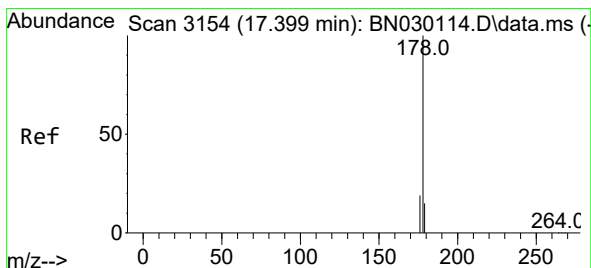
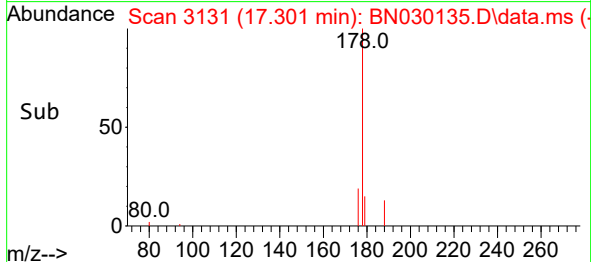
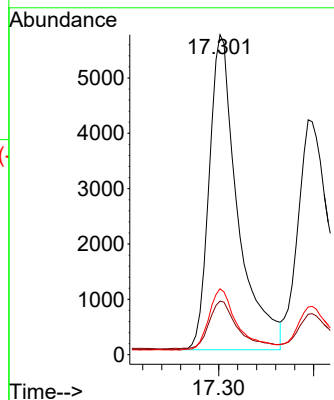
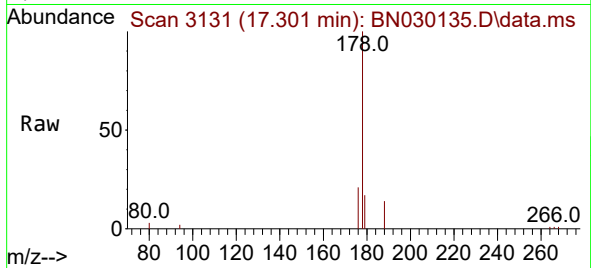




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.301 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

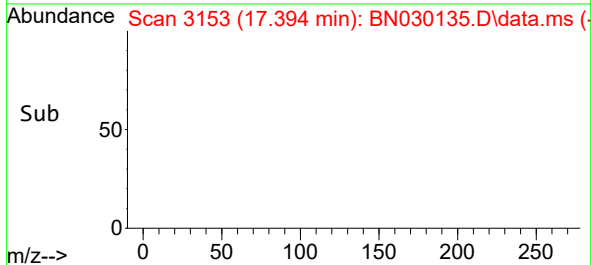
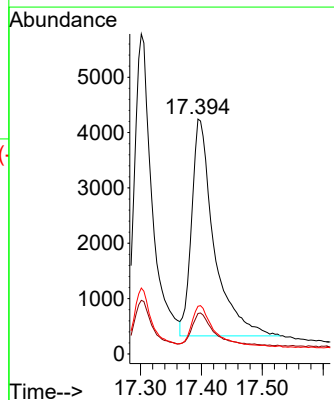
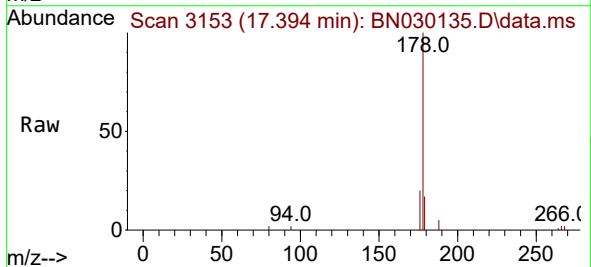
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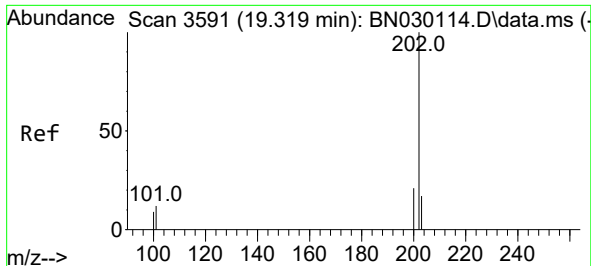
Tgt Ion:178 Resp: 11907
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 20.6 15.7 23.5



#16
Anthracene
Concen: 0.362 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

Tgt Ion:178 Resp: 10053
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 20.3 15.8 23.8

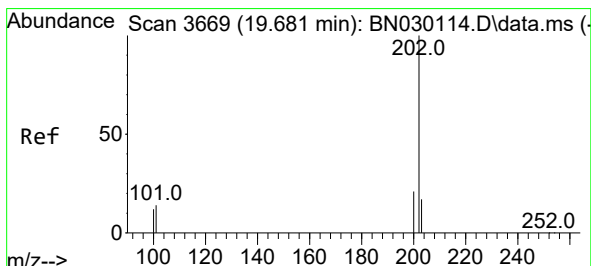
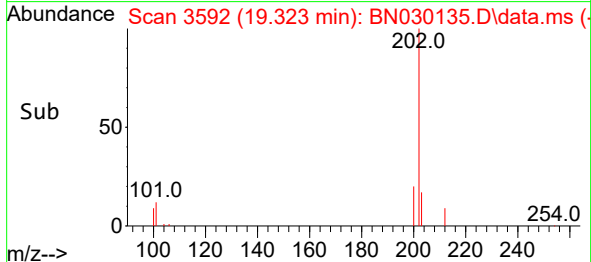
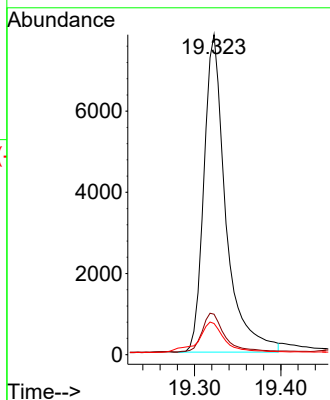
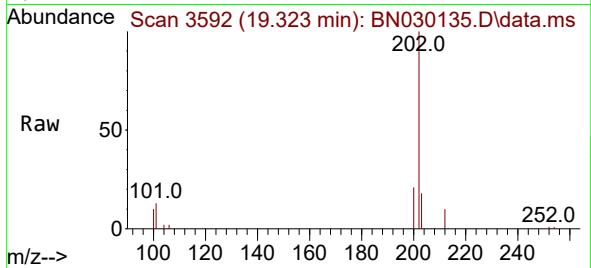




#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 19.323 min Scan# 3592
Delta R.T. 0.000 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

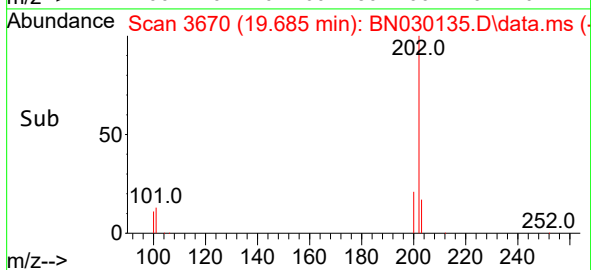
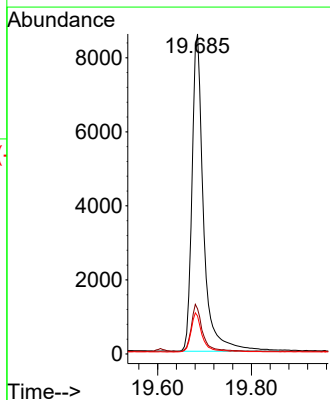
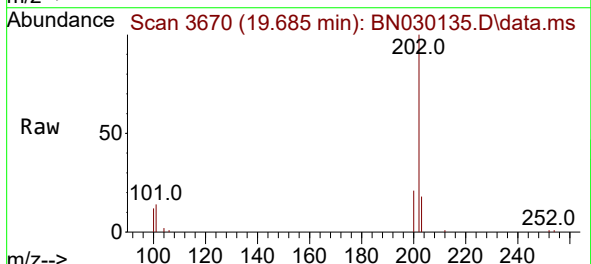
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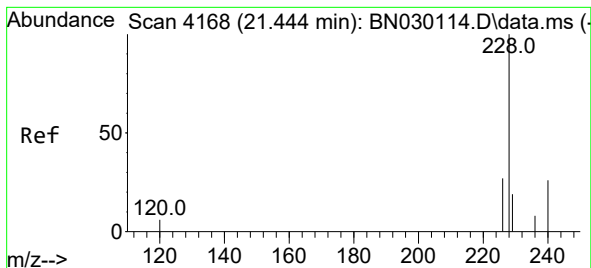
Tgt Ion:202 Resp: 13846
Ion Ratio Lower Upper
202 100
101 12.7 10.4 15.6
100 9.7 8.5 12.7



#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.685 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

Tgt Ion:202 Resp: 14707
Ion Ratio Lower Upper
202 100
101 14.1 12.5 18.7
100 11.9 10.0 15.0





#21

Benzo(a)anthracene

Concen: 0.344 ng/ul

RT: 21.443 min Scan# 4168

Delta R.T. -0.007 min

Lab File: BN030135.D

Acq: 28 Feb 2024 18:25

Instrument :

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ClientSampleId :

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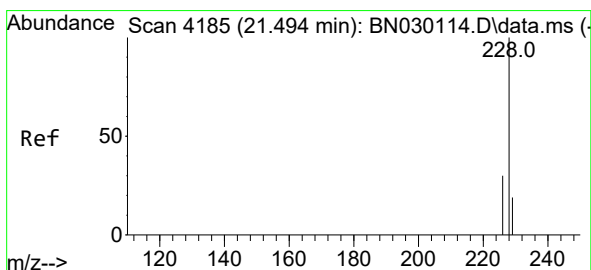
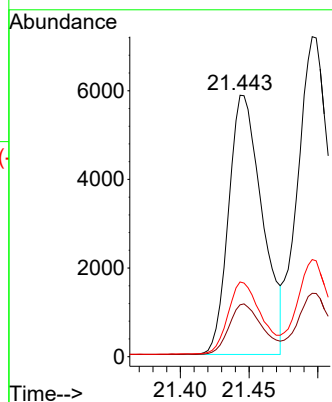
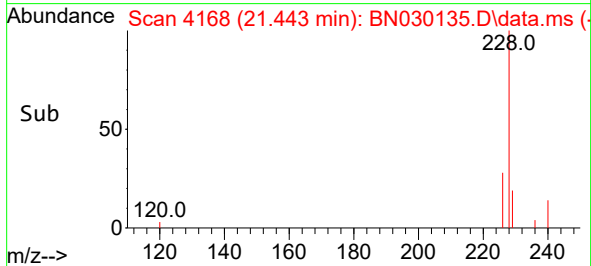
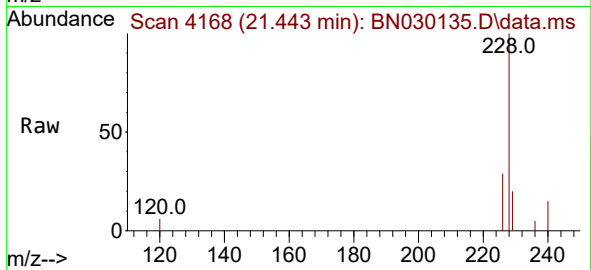
Tgt Ion:228 Resp: 10000

Ion Ratio Lower Upper

228 100

229 19.8 15.7 23.5

226 28.6 22.2 33.4



#22

Chrysene

Concen: 0.393 ng/ul

RT: 21.496 min Scan# 4186

Delta R.T. -0.004 min

Lab File: BN030135.D

Acq: 28 Feb 2024 18:25

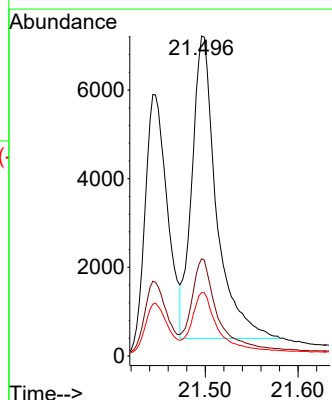
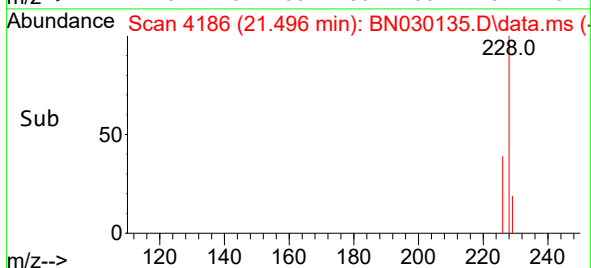
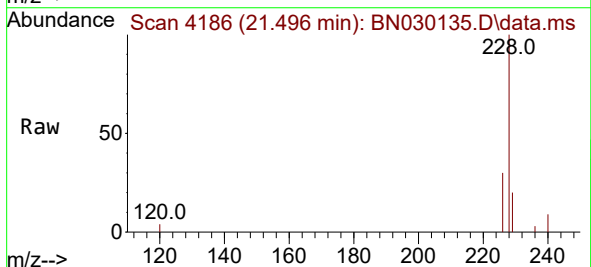
Tgt Ion:228 Resp: 12509

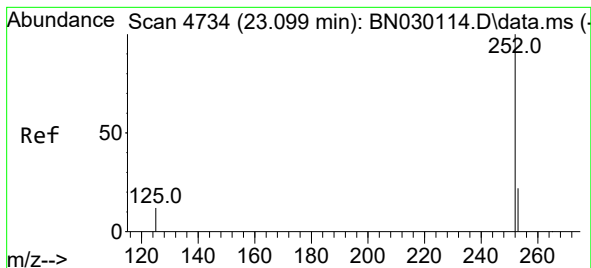
Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 19.8 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.422 ng/ul

RT: 23.106 min Scan# 4737

Delta R.T. -0.002 min

Lab File: BN030135.D

Acq: 28 Feb 2024 18:25

Instrument :

BNA_N

ClientSampleId :

SLCS159

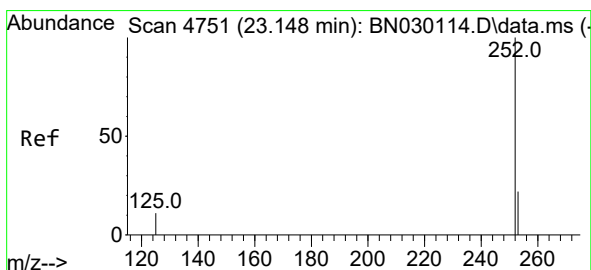
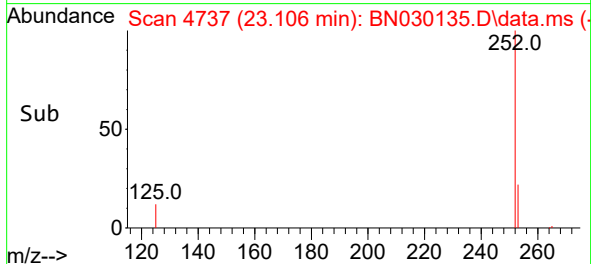
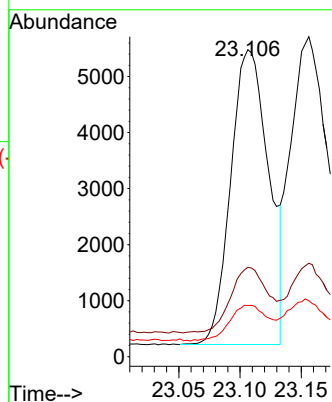
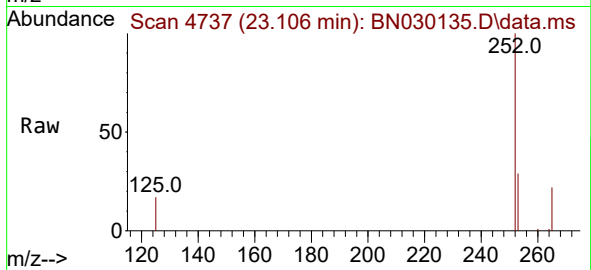
Tgt Ion:252 Resp: 11318

Ion Ratio Lower Upper

252 100

253 29.1 0.0 56.8

125 16.7 0.0 32.4



#25

Benzo(k)fluoranthene

Concen: 0.451 ng/ul

RT: 23.156 min Scan# 4754

Delta R.T. 0.001 min

Lab File: BN030135.D

Acq: 28 Feb 2024 18:25

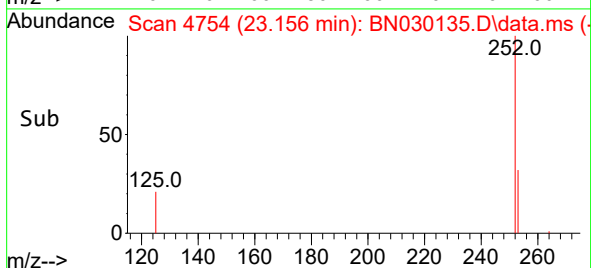
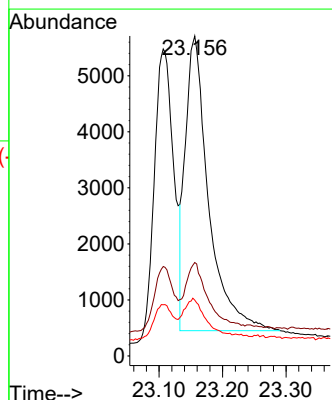
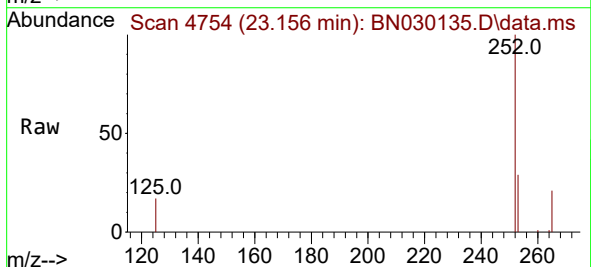
Tgt Ion:252 Resp: 13410

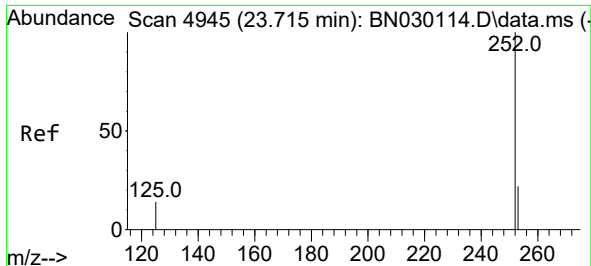
Ion Ratio Lower Upper

252 100

253 29.2 22.6 33.8

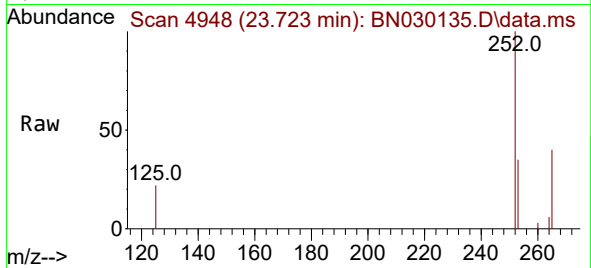
125 17.4 15.3 22.9



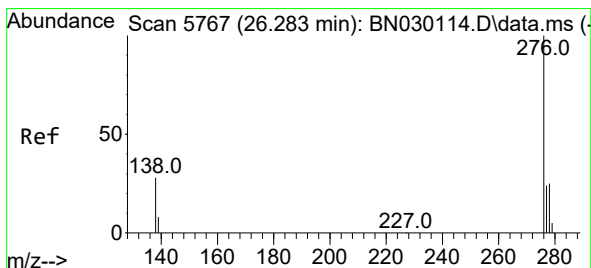
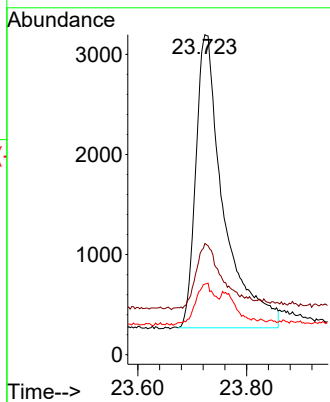
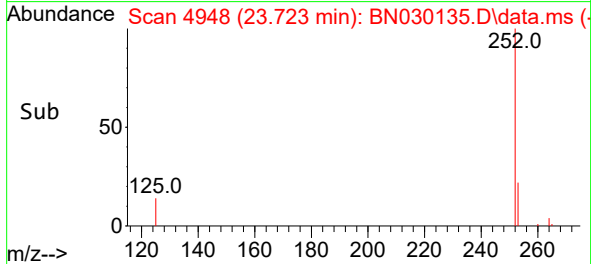


#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.723 min Scan# 4948
Delta R.T. -0.002 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

Instrument :
BNA_N
ClientSampleId :
SLCS159

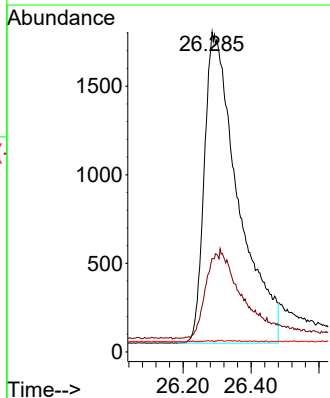
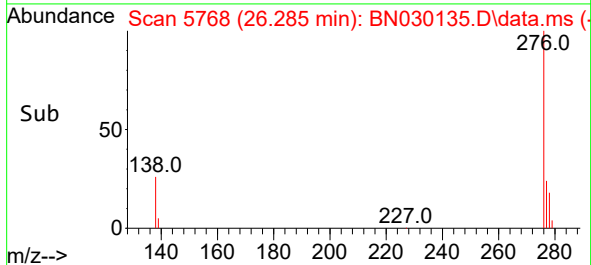
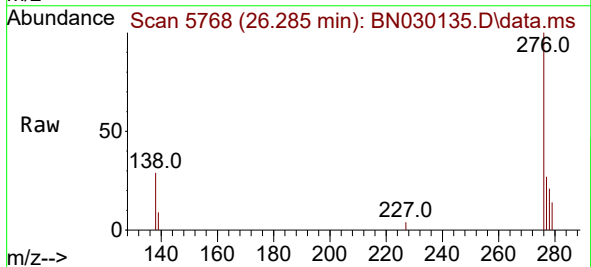


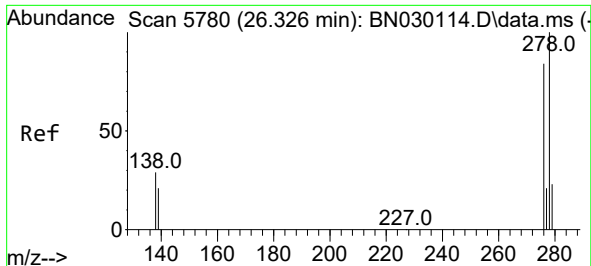
Tgt Ion:252 Resp: 10328
Ion Ratio Lower Upper
252 100
253 34.8 25.4 38.0
125 22.1 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng/ul
RT: 26.285 min Scan# 5768
Delta R.T. -0.008 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

Tgt Ion:276 Resp: 12090
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.1 0.0 0.0#

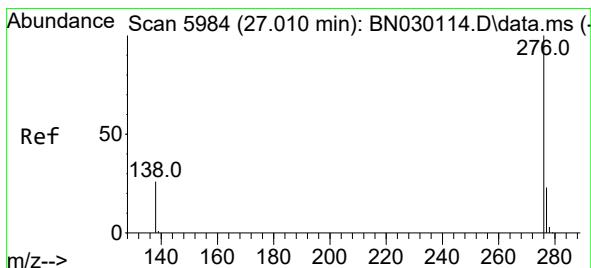
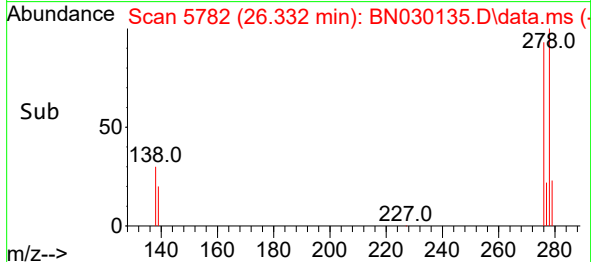
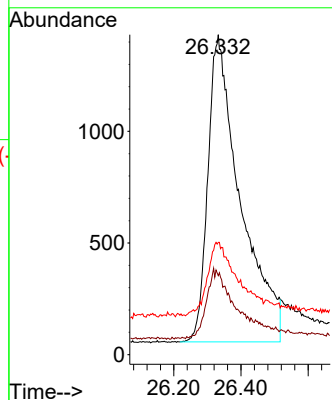
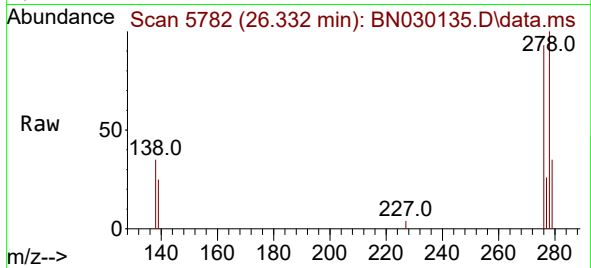




#28
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 26.332 min Scan# 51
Delta R.T. 0.002 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

Instrument :
BNA_N
ClientSampleId :
SLCS159

Tgt Ion:278 Resp: 9242
Ion Ratio Lower Upper
278 100
139 24.7 19.0 28.4
279 35.1 22.6 34.0#



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 27.023 min Scan# 5988
Delta R.T. 0.005 min
Lab File: BN030135.D
Acq: 28 Feb 2024 18:25

Tgt Ion:276 Resp: 11313
Ion Ratio Lower Upper
276 100
138 29.4 24.6 37.0
277 27.0 19.7 29.5

