

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041323\
 Data File : BN024870.D
 Acq On : 13 Apr 2023 20:57
 Operator : CG/JU
 Sample : PB152109BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS109

Quant Time: Apr 14 02:21:35 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 02:44:00 2023
 Response via : Initial Calibration

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

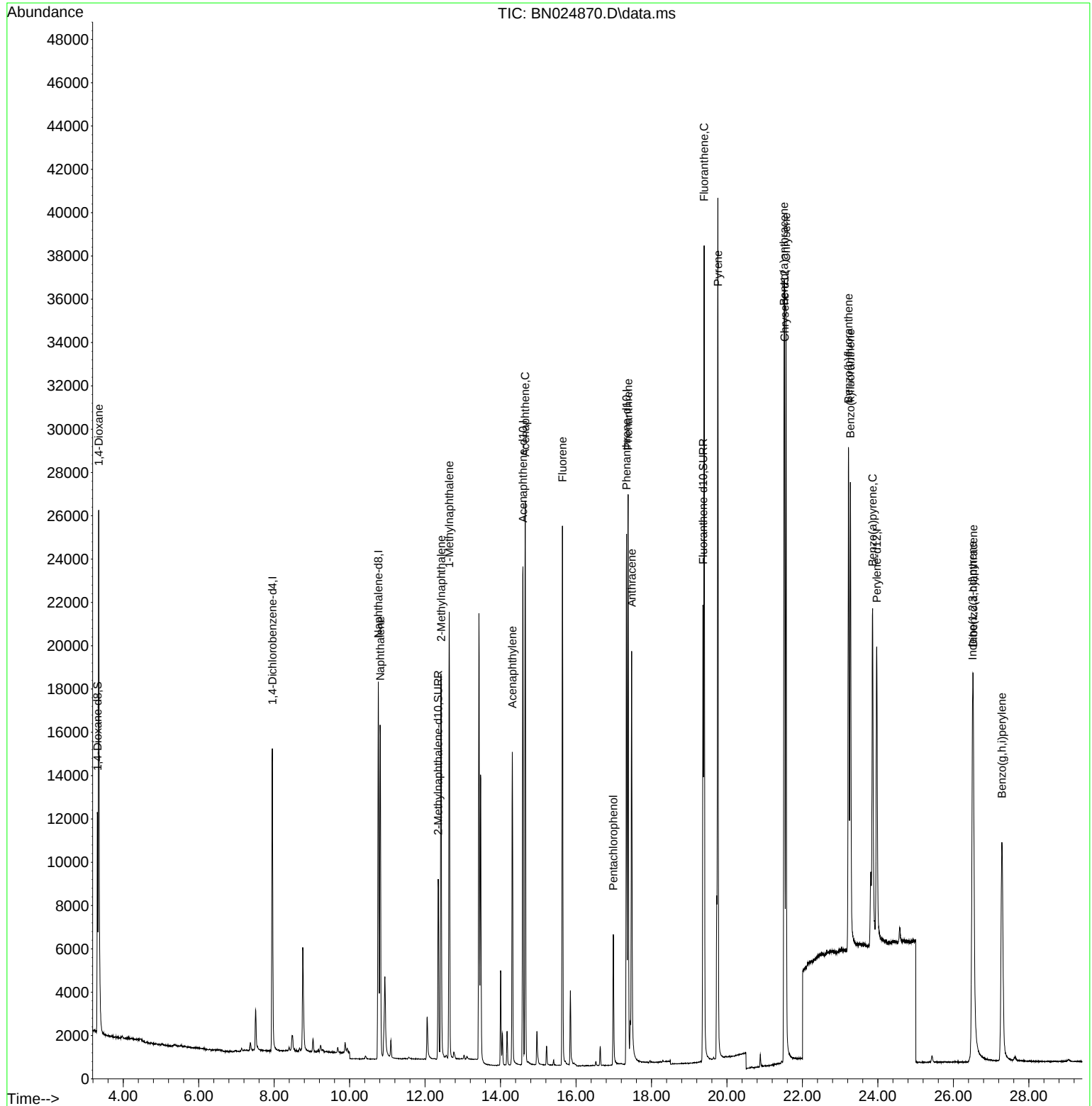
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7861	0.400	ng/u1	0.00
4) Naphthalene-d8	10.759	136	23262	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.593	164	12686	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.339	188	27800	0.400	ng/u1	0.00
17) Chrysene-d12	21.529	240	23142	0.400	ng/u1	0.00
23) Perylene-d12	23.970	264	20454	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6201	0.722	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.349	152	11033	0.369	ng/u1	0.00
18) Fluoranthene-d10	19.368	212	23909	0.416	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	16019	1.694	ng/u1	95
5) Naphthalene	10.809	128	21667	0.365	ng/u1	100
7) 2-Methylnaphthalene	12.426	142	13267	0.360	ng/u1	100
8) 1-Methylnaphthalene	12.640	142	14048	0.359	ng/u1	99
10) Acenaphthylene	14.311	152	17175	0.361	ng/u1	99
11) Acenaphthene	14.654	153	14901	0.365	ng/u1	99
12) Fluorene	15.639	166	15969	0.350	ng/u1	100
14) Pentachlorophenol	16.988	266	4320	0.729	ng/u1	99
15) Phenanthrene	17.381	178	28261	0.361	ng/u1	99
16) Anthracene	17.474	178	23314	0.358	ng/u1	99
19) Fluoranthene	19.396	202	31948	0.401	ng/u1	100
20) Pyrene	19.759	202	33256	0.407	ng/u1	100
21) Benzo(a)anthracene	21.511	228	28181	0.386	ng/u1	100
22) Chrysene	21.564	228	31264	0.395	ng/u1	99
24) Benzo(b)fluoranthene	23.221	252	31227	0.381	ng/u1	97
25) Benzo(k)fluoranthene	23.271	252	30581	0.382	ng/u1	98
26) Benzo(a)pyrene	23.862	252	25641	0.377	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.507	276	28949	0.361	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.527	278	22510	0.357	ng/u1	98
29) Benzo(g,h,i)perylene	27.285	276	25091	0.370	ng/u1	99

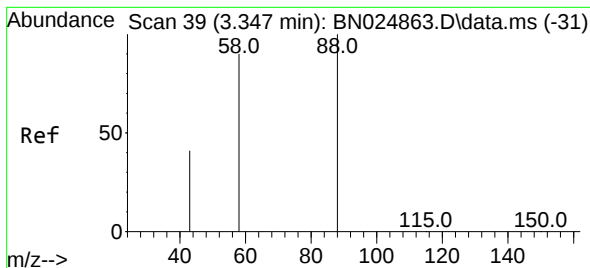
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.694 ng/ul

RT: 3.352 min Scan# 40

Delta R.T. 0.000 min

Lab File: BN024870.D

Acq: 13 Apr 2023 20:57

Instrument :

BNA_N

ClientSampleId :

SLCS109

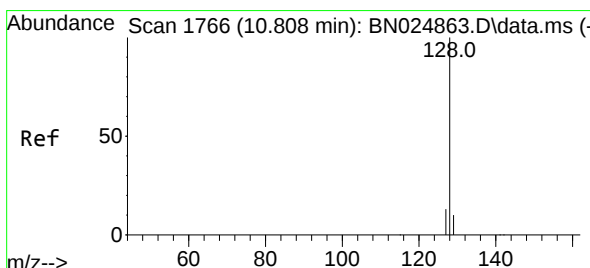
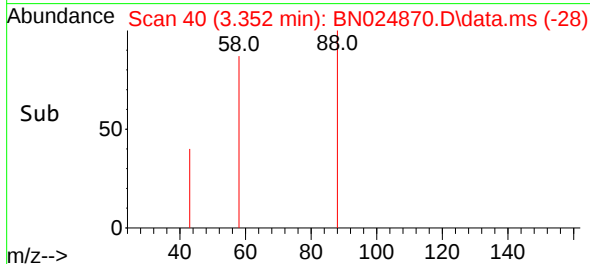
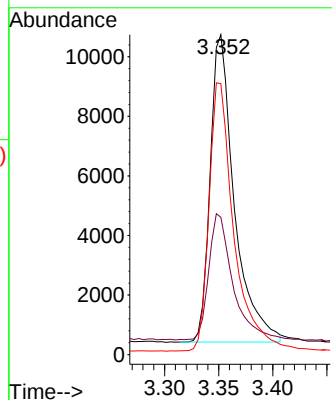
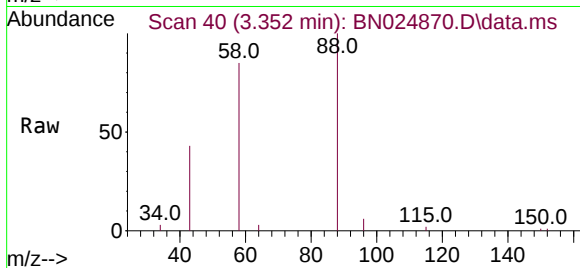
Tgt Ion: 88 Resp: 16019

Ion Ratio Lower Upper

88 100

43 42.9 39.1 58.7

58 84.7 65.7 98.5



#5

Naphthalene

Concen: 0.365 ng/ul

RT: 10.809 min Scan# 1766

Delta R.T. 0.002 min

Lab File: BN024870.D

Acq: 13 Apr 2023 20:57

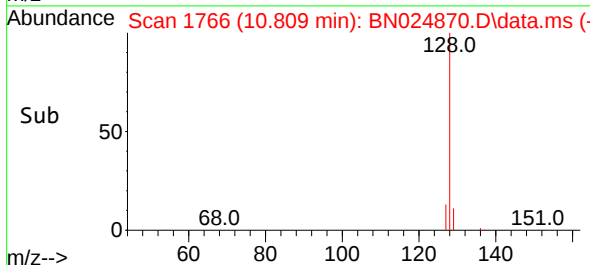
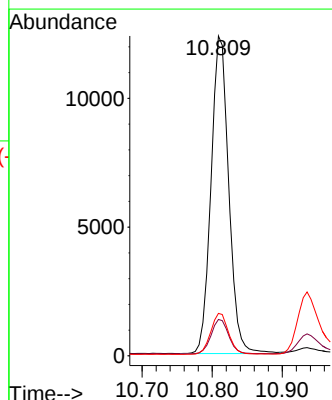
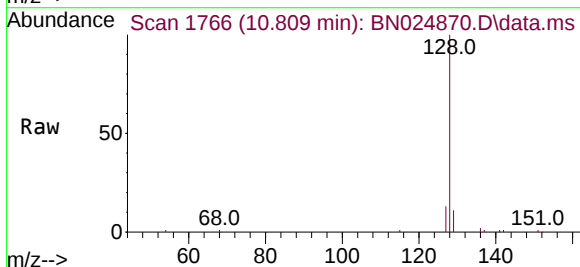
Tgt Ion: 128 Resp: 21667

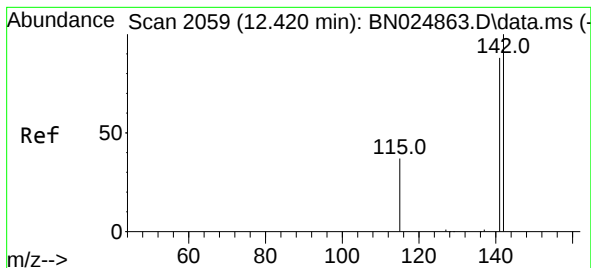
Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 13.3 10.5 15.7

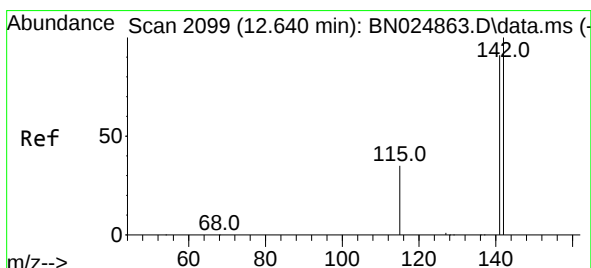
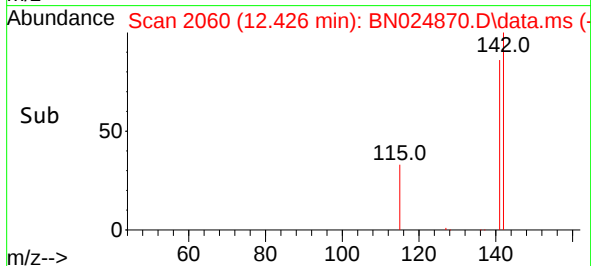
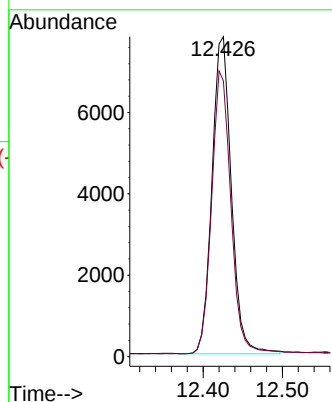
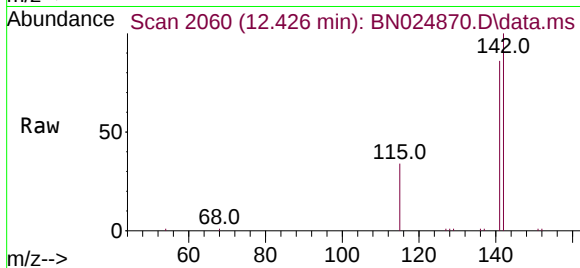




#7
2-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.426 min Scan# 2059
Delta R.T. 0.007 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

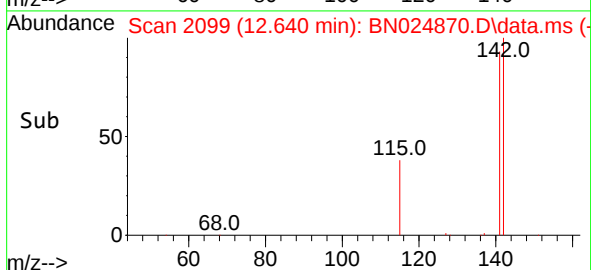
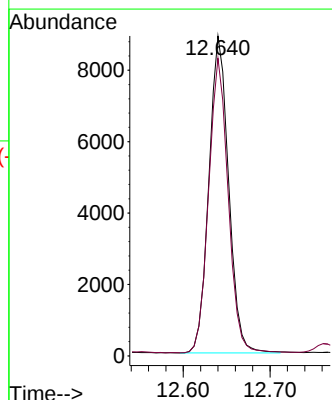
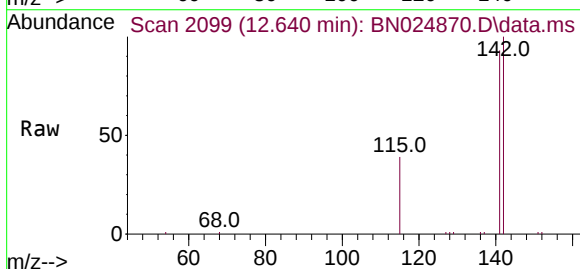
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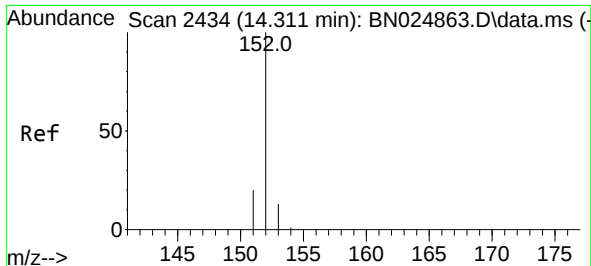
Tgt Ion:142 Resp: 13267
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. 0.002 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

Tgt Ion:142 Resp: 14048
Ion Ratio Lower Upper
142 100
141 91.7 74.0 111.0

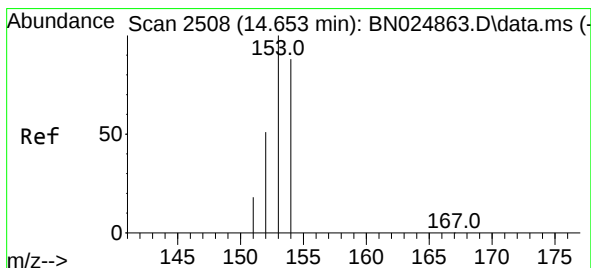
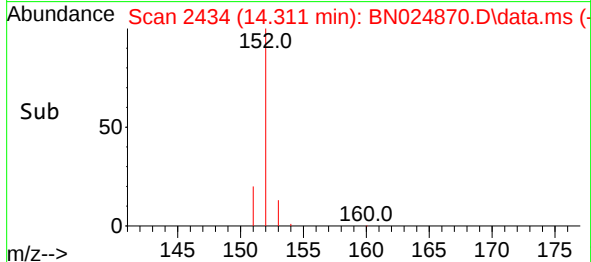
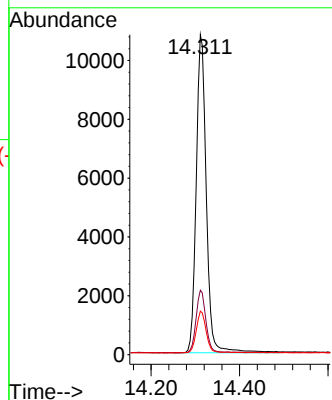
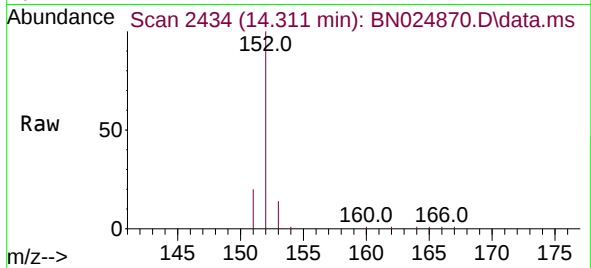




#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. 0.001 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

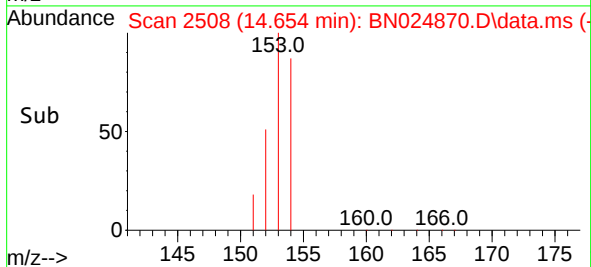
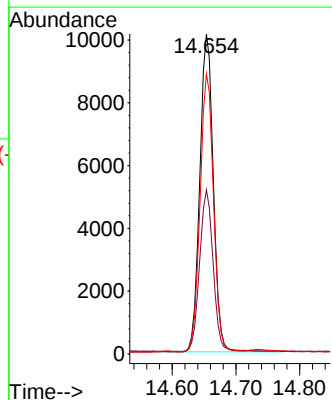
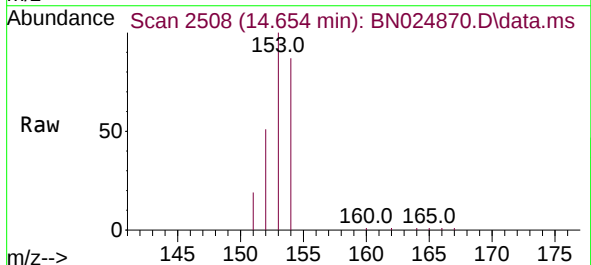
Instrument :
BNA_N
ClientSampleId :
SLCS109

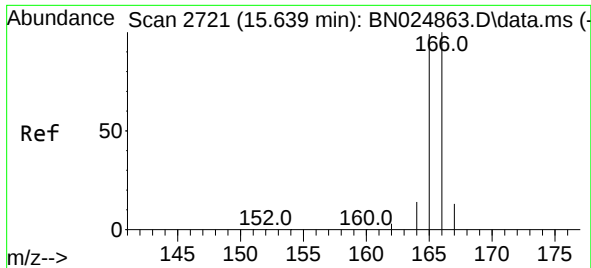
Tgt Ion:152 Resp: 17175
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.6 10.6 16.0



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.654 min Scan# 2508
Delta R.T. 0.001 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

Tgt Ion:153 Resp: 14901
Ion Ratio Lower Upper
153 100
152 51.3 40.7 61.1
154 87.5 69.4 104.2

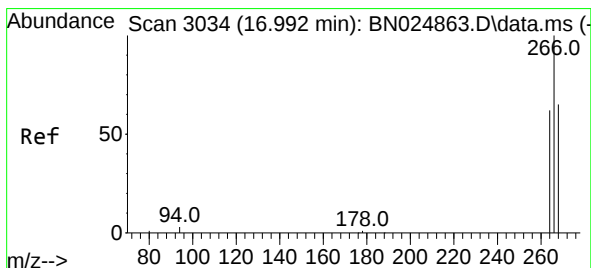
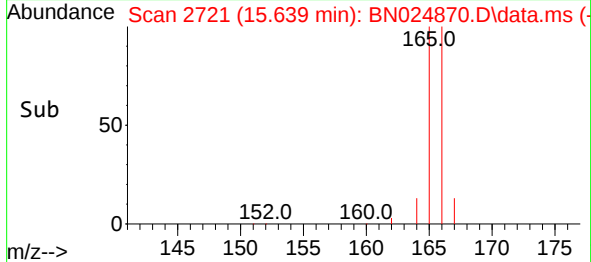
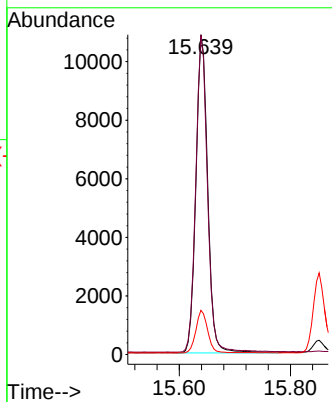
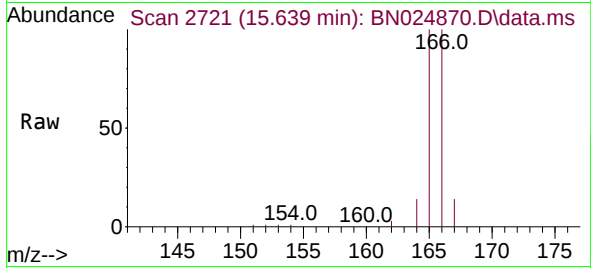




#12
 Fluorene
 Concen: 0.350 ng/ul
 RT: 15.639 min Scan# 2721
 Delta R.T. 0.001 min
 Lab File: BN024870.D
 Acq: 13 Apr 2023 20:57

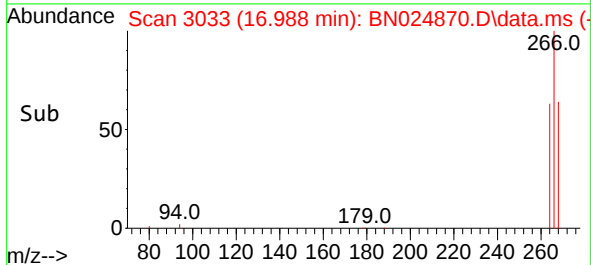
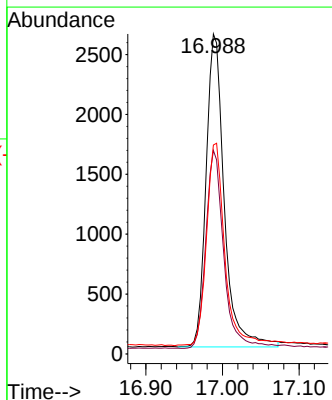
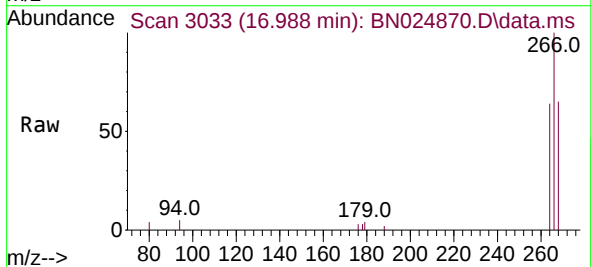
Instrument :
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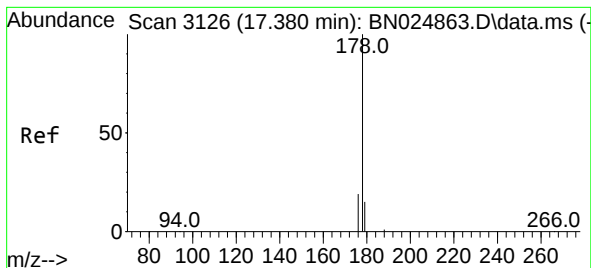
Tgt Ion:166 Resp: 15969
 Ion Ratio Lower Upper
 166 100
 165 99.8 80.1 120.1
 167 13.8 10.7 16.1



#14
 Pentachlorophenol
 Concen: 0.729 ng/ul
 RT: 16.988 min Scan# 3033
 Delta R.T. 0.001 min
 Lab File: BN024870.D
 Acq: 13 Apr 2023 20:57

Tgt Ion:266 Resp: 4320
 Ion Ratio Lower Upper
 266 100
 264 62.8 51.2 76.8
 268 65.3 51.4 77.2





#15

Phenanthrene

Concen: 0.361 ng/ul

RT: 17.381 min Scan# 3126

Delta R.T. 0.001 min

Lab File: BN024870.D

Acq: 13 Apr 2023 20:57

Instrument :

BNA_N

ClientSampleId :

SLCS109

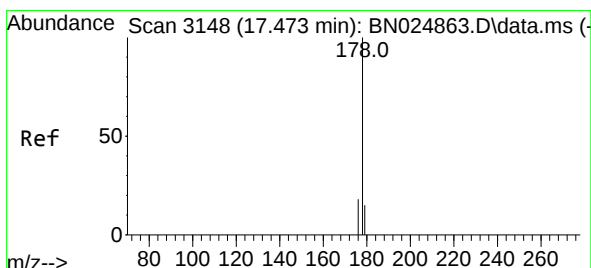
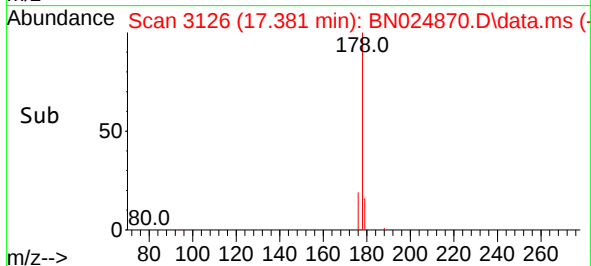
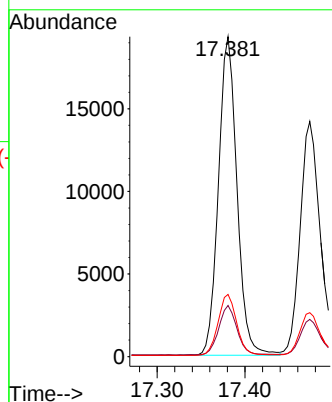
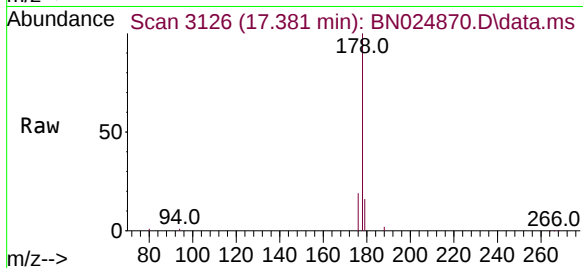
Tgt Ion:178 Resp: 28261

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

176 19.4 15.4 23.0



#16

Anthracene

Concen: 0.358 ng/ul

RT: 17.474 min Scan# 3148

Delta R.T. 0.001 min

Lab File: BN024870.D

Acq: 13 Apr 2023 20:57

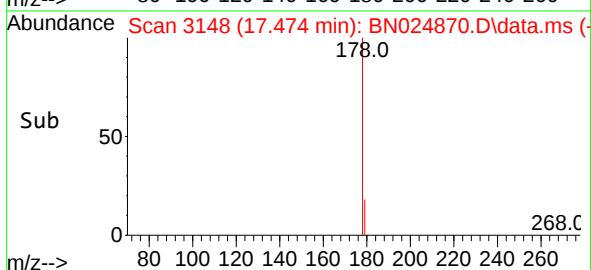
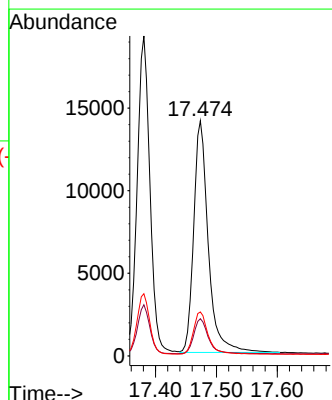
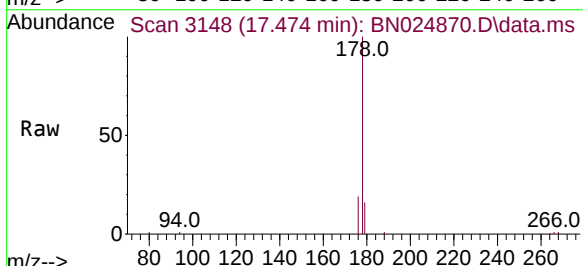
Tgt Ion:178 Resp: 23314

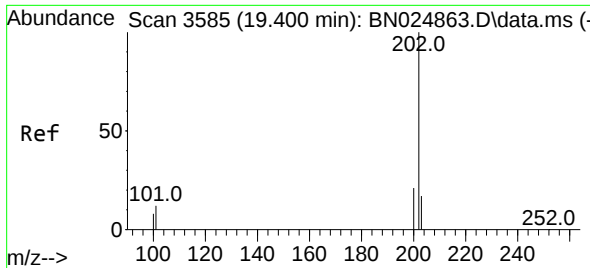
Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 18.7 14.7 22.1

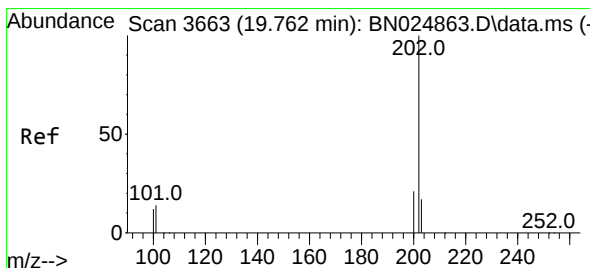
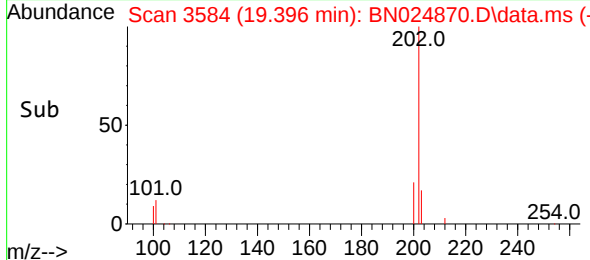
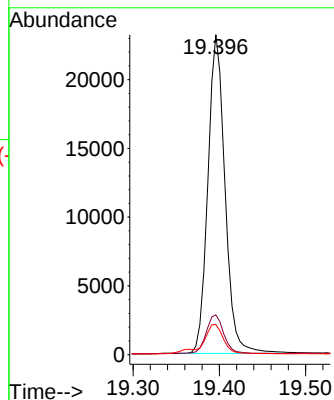
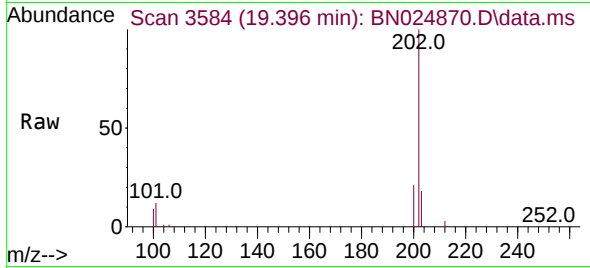




#19
Fluoranthene
Concen: 0.401 ng/ul
RT: 19.396 min Scan# 31
Delta R.T. 0.001 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

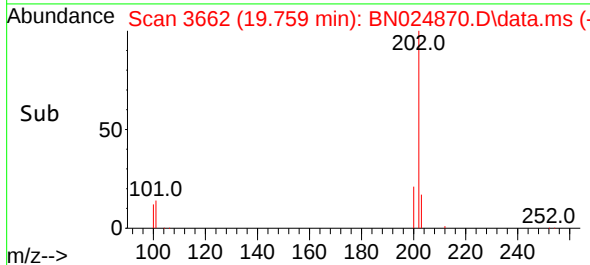
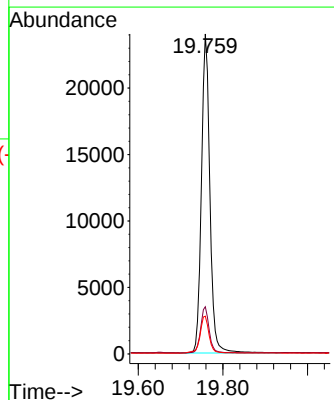
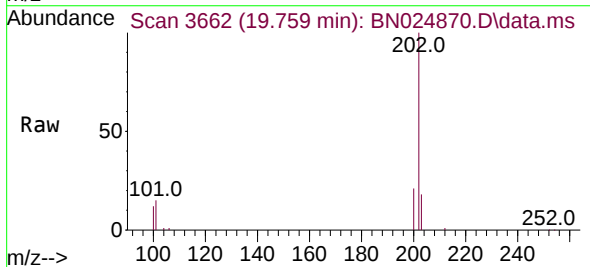
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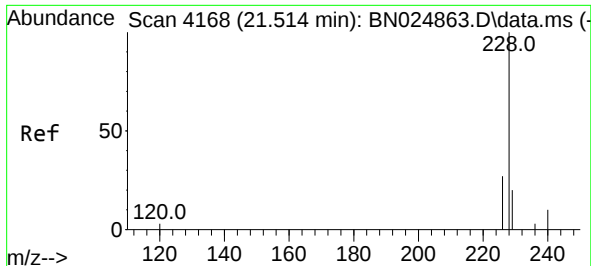
Tgt Ion:202 Resp: 31948
Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 9.4 7.5 11.3



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.759 min Scan# 3662
Delta R.T. -0.003 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

Tgt Ion:202 Resp: 33256
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.8
100 11.8 9.5 14.3

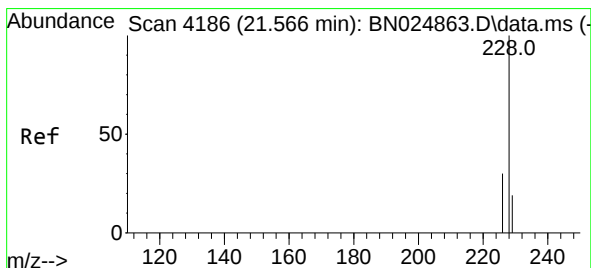
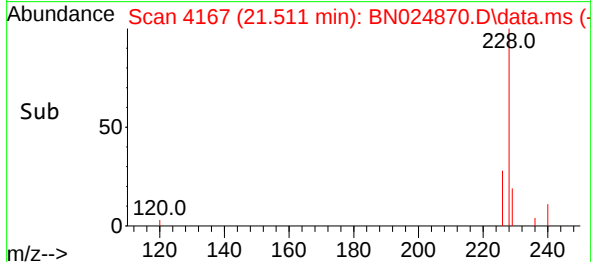
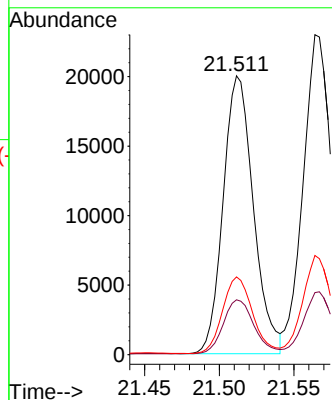
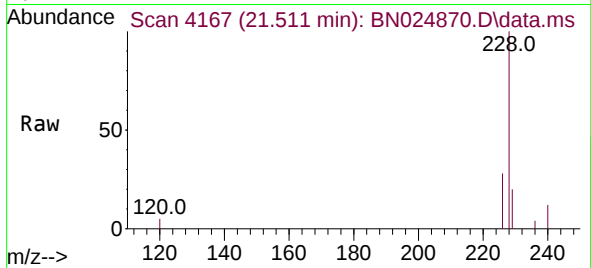




#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. -0.008 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

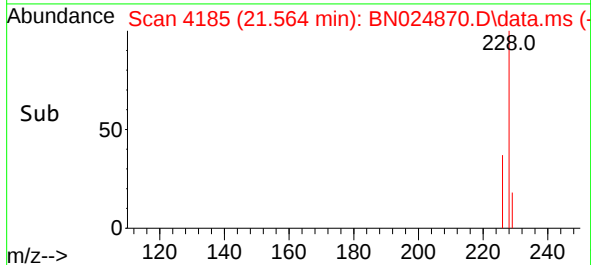
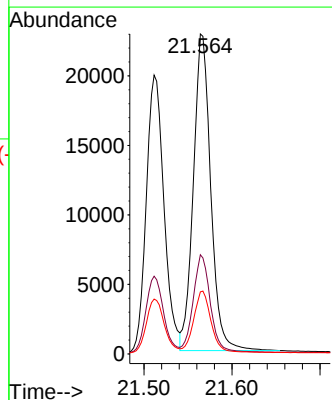
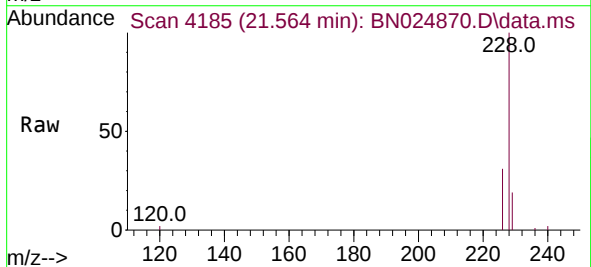
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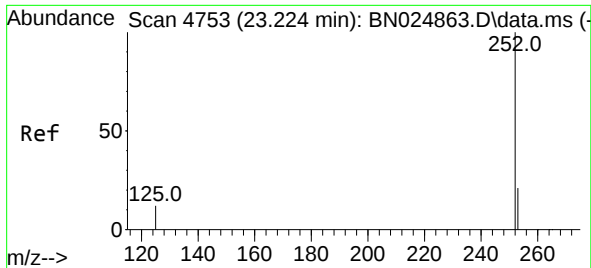
Tgt Ion:228 Resp: 28181
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.9 22.2 33.2



#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.564 min Scan# 4185
Delta R.T. -0.008 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

Tgt Ion:228 Resp: 31264
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 19.4 15.7 23.5

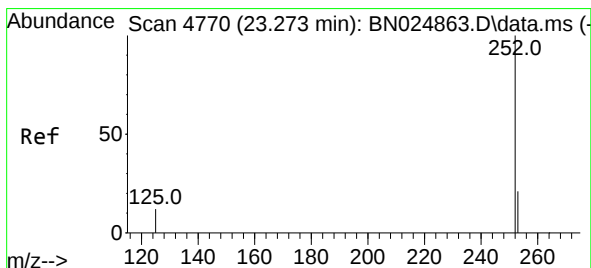
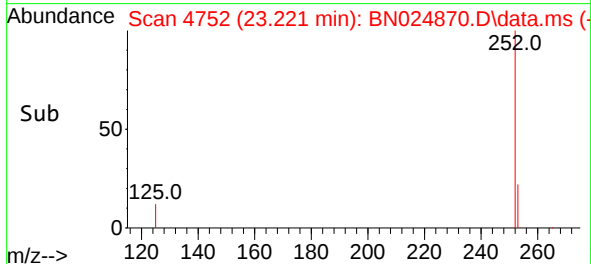
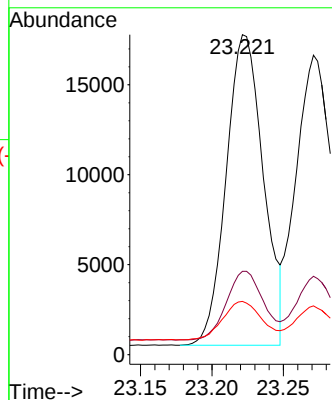
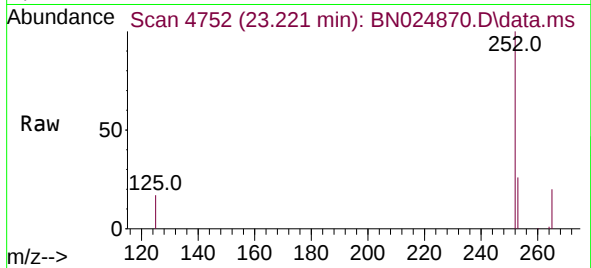




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.221 min Scan# 4753
Delta R.T. -0.008 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

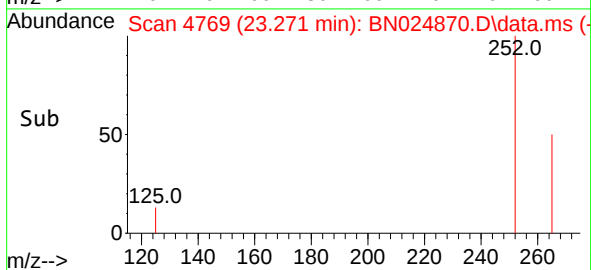
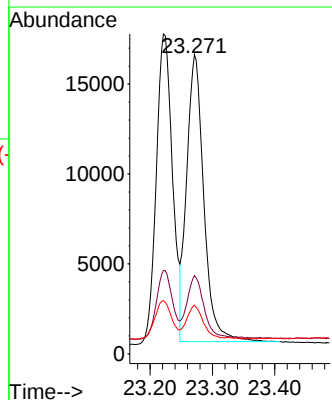
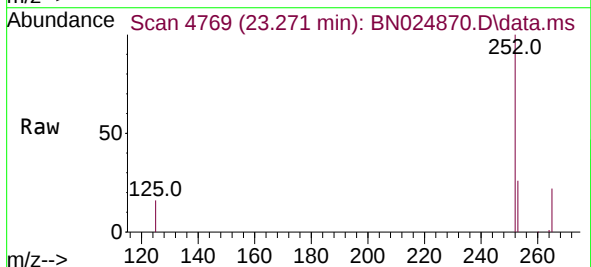
Instrument :
BNA_N
ClientSampleId :
SLCS109

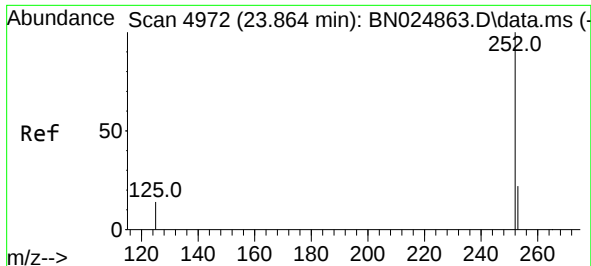
Tgt Ion:252 Resp: 31227
Ion Ratio Lower Upper
252 100
253 26.0 0.0 49.4
125 16.6 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.271 min Scan# 4769
Delta R.T. -0.008 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

Tgt Ion:252 Resp: 30581
Ion Ratio Lower Upper
252 100
253 26.2 20.1 30.1
125 16.3 12.2 18.2

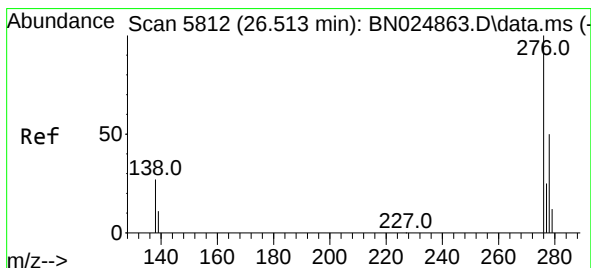
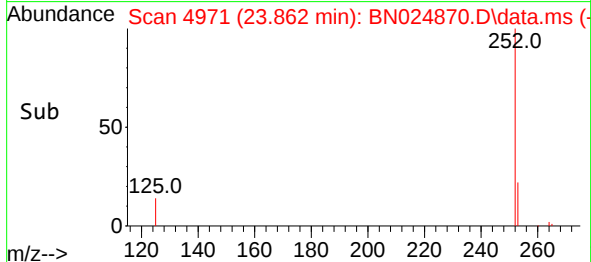
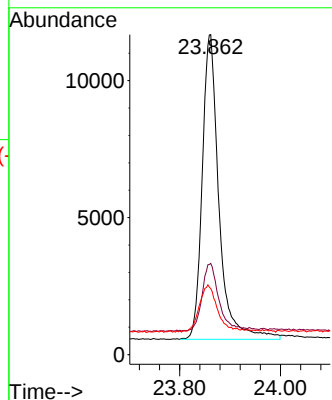
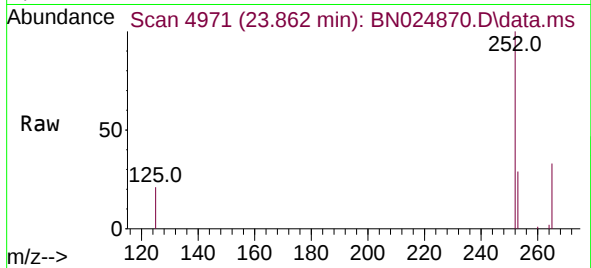




#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.862 min Scan# 4972
Delta R.T. -0.008 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

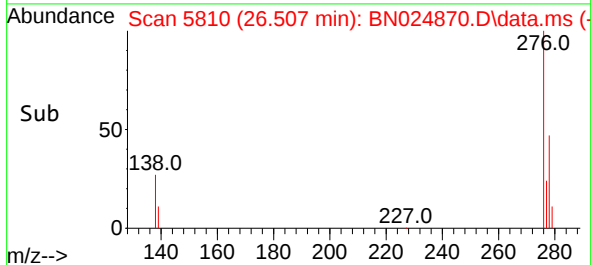
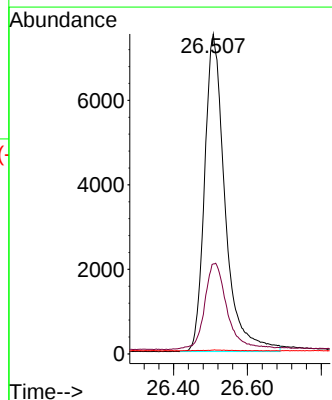
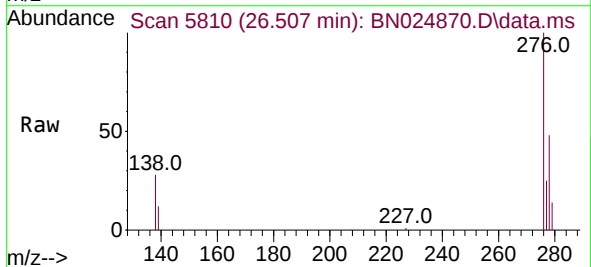
Instrument :
BNA_N
ClientSampleId :
SLCS109

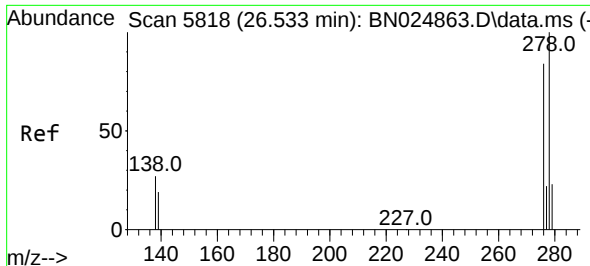
Tgt Ion:252 Resp: 25641
Ion Ratio Lower Upper
252 100
253 28.5 20.7 31.1
125 20.6 15.9 23.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng/ul
RT: 26.507 min Scan# 5810
Delta R.T. -0.005 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

Tgt Ion:276 Resp: 28949
Ion Ratio Lower Upper
276 100
138 30.0 24.2 36.2
227 0.1 0.0 0.0#

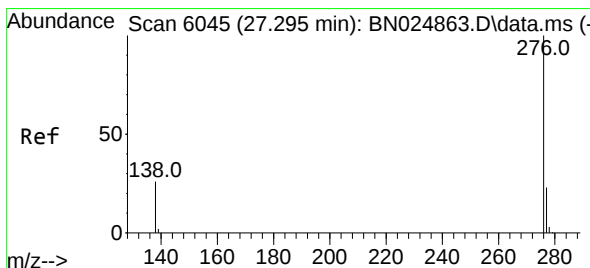
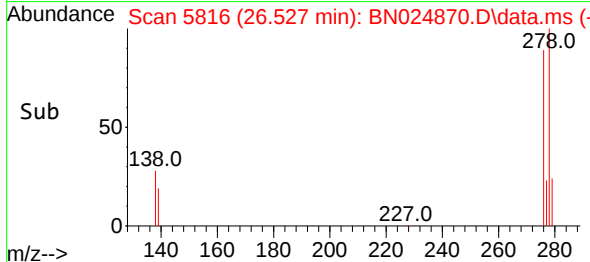
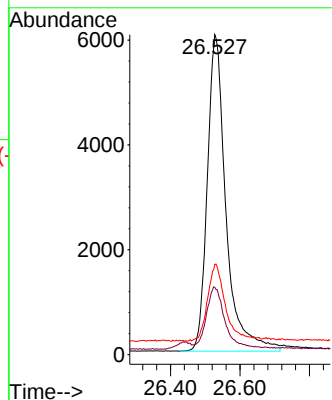
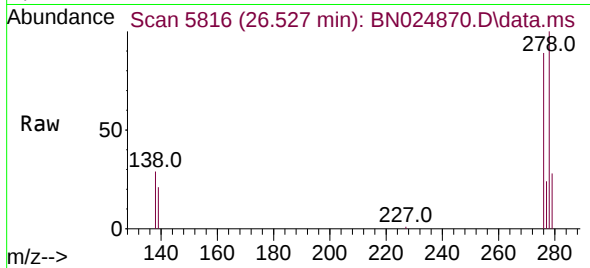




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 26.527 min Scan# 5818
Delta R.T. -0.012 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

Instrument :
BNA_N
ClientSampleId :
SLCS109

Tgt Ion:278 Resp: 22510
Ion Ratio Lower Upper
278 100
139 21.0 16.4 24.6
279 28.2 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 27.285 min Scan# 6042
Delta R.T. -0.016 min
Lab File: BN024870.D
Acq: 13 Apr 2023 20:57

Tgt Ion:276 Resp: 25091
Ion Ratio Lower Upper
276 100
138 27.2 21.0 31.4
277 24.5 19.7 29.5

