

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030146.D
 Acq On : 29 Feb 2024 01:03
 Operator : MA/JU
 Sample : PB159328BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS328

Quant Time: Feb 29 02:04:14 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)

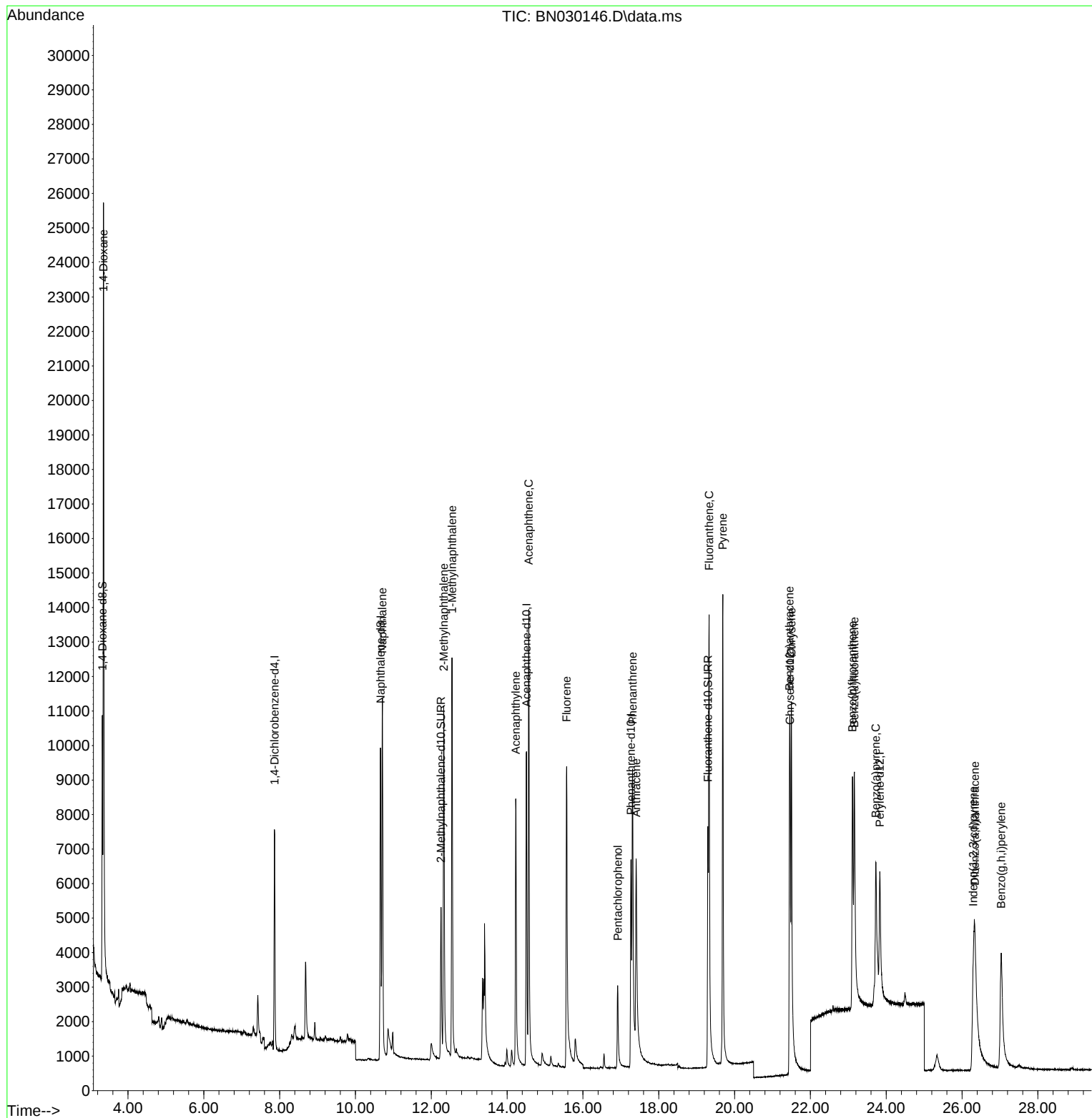
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	3440	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	13440	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.511	164	6010	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.268	188	9558	0.400	ng/ul	0.00
17) Chrysene-d12	21.464	240	6745	0.400	ng/ul	0.00
23) Perylene-d12	23.831	264	5998	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	4854	1.132	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	6881	0.402	ng/ul	0.01
18) Fluoranthene-d10	19.295	212	9778	0.441	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.353	88	15209	3.257	ng/ul#	81
5) Naphthalene	10.711	128	15385	0.407	ng/ul	99
7) 2-Methylnaphthalene	12.333	142	8556	0.394	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	8604	0.390	ng/ul	99
10) Acenaphthylene	14.229	152	11542	0.394	ng/ul	98
11) Acenaphthene	14.571	153	9165	0.411	ng/ul	99
12) Fluorene	15.570	166	8882	0.381	ng/ul	99
14) Pentachlorophenol	16.917	266	2242	1.052	ng/ul#	49
15) Phenanthrene	17.310	178	12102	0.405	ng/ul	98
16) Anthracene	17.407	178	10499	0.418	ng/ul	99
19) Fluoranthene	19.327	202	13295	0.429	ng/ul	99
20) Pyrene	19.690	202	14122	0.445	ng/ul	98
21) Benzo(a)anthracene	21.449	228	9268	0.381	ng/ul	98
22) Chrysene	21.499	228	11357	0.427	ng/ul	100
24) Benzo(b)fluoranthene	23.109	252	10197	0.452	ng/ul	97
25) Benzo(k)fluoranthene	23.159	252	12442	0.497	ng/ul	98
26) Benzo(a)pyrene	23.726	252	9849	0.464	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.298	276	11875	0.461	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.339	278	9226	0.457	ng/ul	90
29) Benzo(g,h,i)perylene	27.033	276	10794	0.462	ng/ul	98

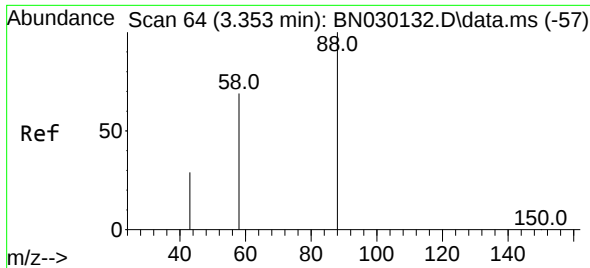
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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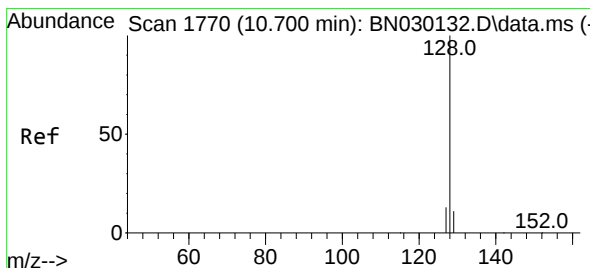
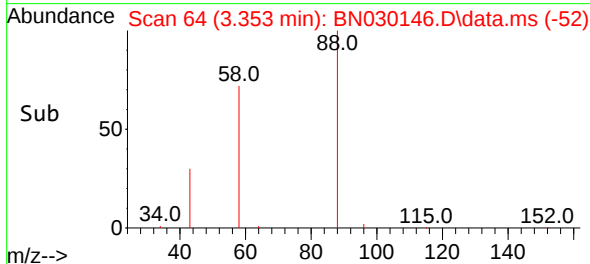
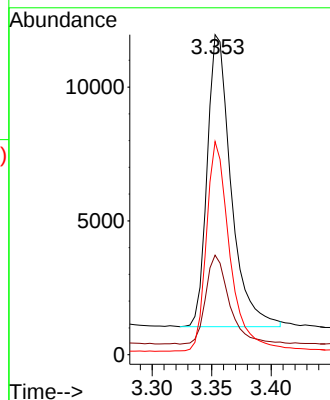
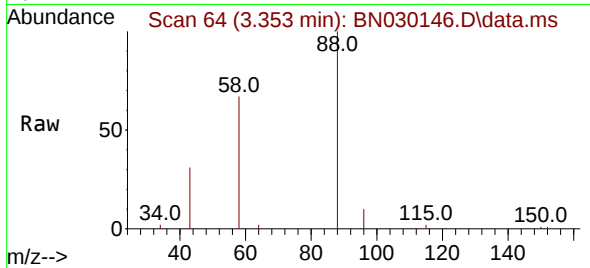




#2
1,4-Dioxane
Concen: 3.257 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN030146.D
Acq: 29 Feb 2024 01:03

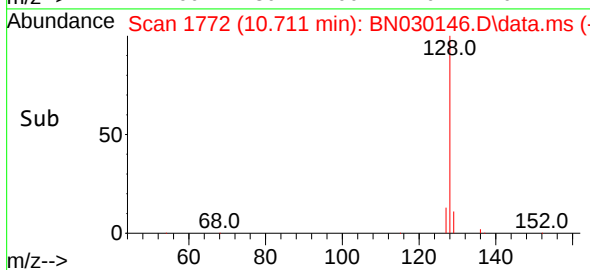
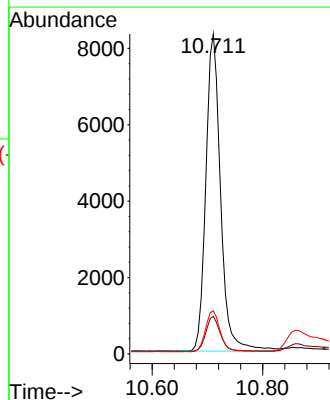
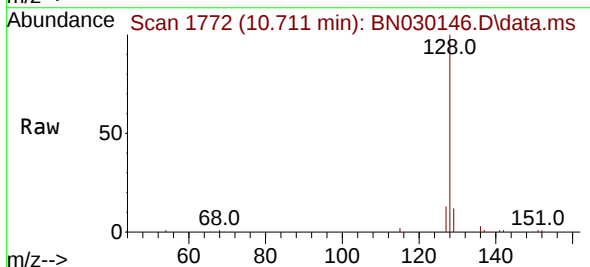
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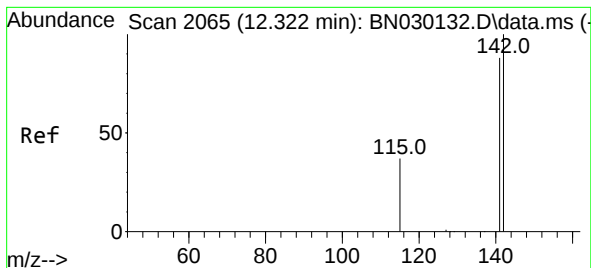
Tgt Ion: 88 Resp: 15209
Ion Ratio Lower Upper
88 100
43 31.1 21.8 32.6
58 66.6 39.3 58.9#



#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.711 min Scan# 1772
Delta R.T. 0.011 min
Lab File: BN030146.D
Acq: 29 Feb 2024 01:03

Tgt Ion:128 Resp: 15385
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.4 11.0 16.6





#7

2-Methylnaphthalene

Concen: 0.394 ng/ul

RT: 12.333 min Scan# 2067

Delta R.T. 0.017 min

Lab File: BN030146.D

Acq: 29 Feb 2024 01:03

Instrument :

BNA_N

ClientSampleId :

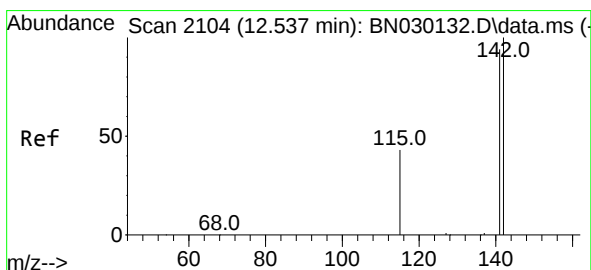
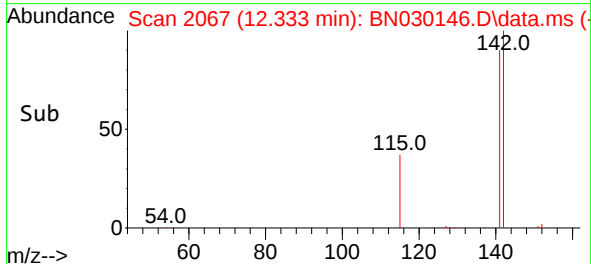
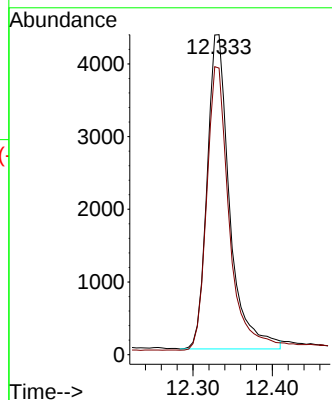
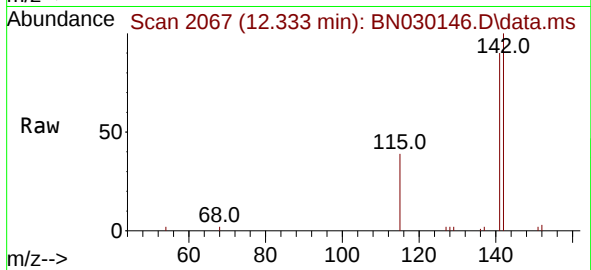
SLCS328

Tgt Ion:142 Resp: 8556

Ion Ratio Lower Upper

142 100

141 90.2 71.5 107.3



#8

1-Methylnaphthalene

Concen: 0.390 ng/ul

RT: 12.547 min Scan# 2106

Delta R.T. 0.011 min

Lab File: BN030146.D

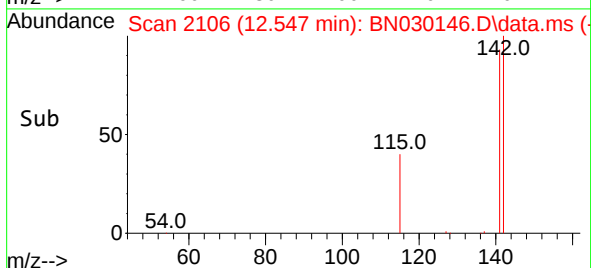
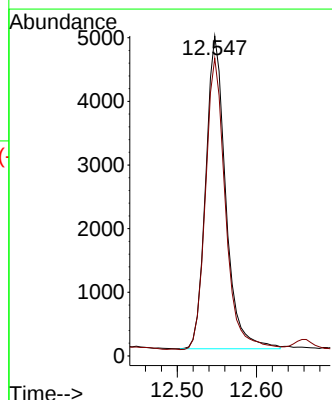
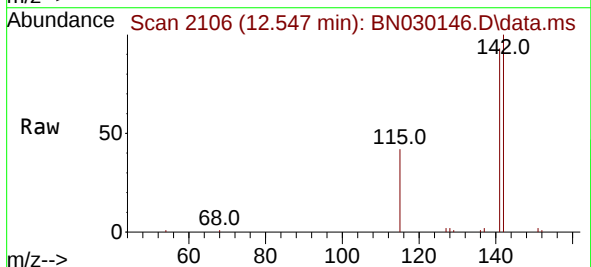
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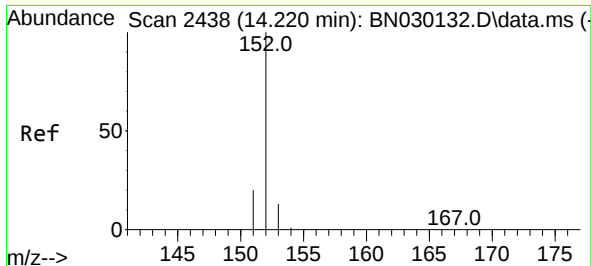
Tgt Ion:142 Resp: 8604

Ion Ratio Lower Upper

142 100

141 93.2 73.9 110.9

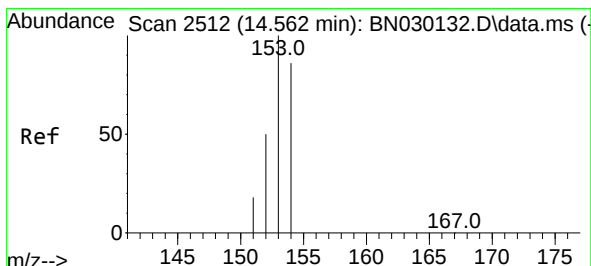
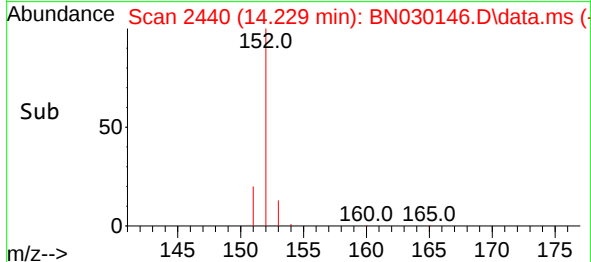
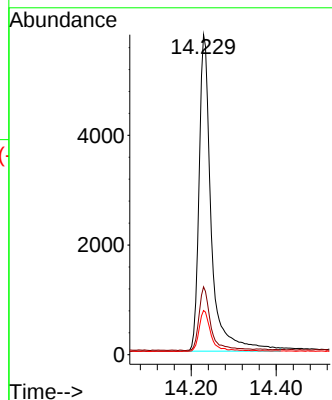
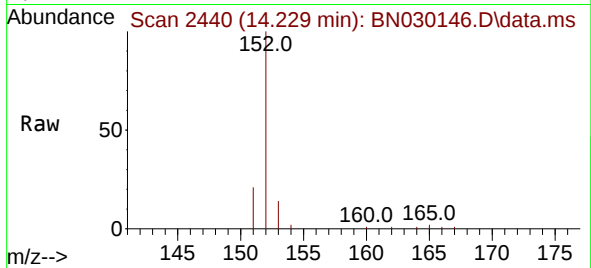




#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.229 min Scan# 2438
Delta R.T. 0.009 min
Lab File: BN030146.D
Acq: 29 Feb 2024 01:03

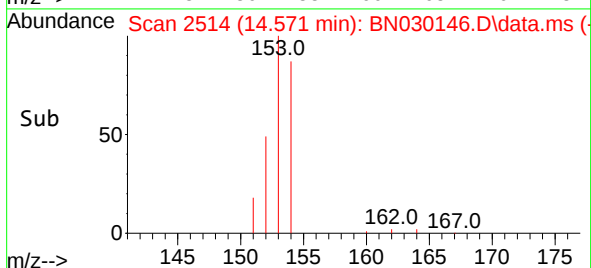
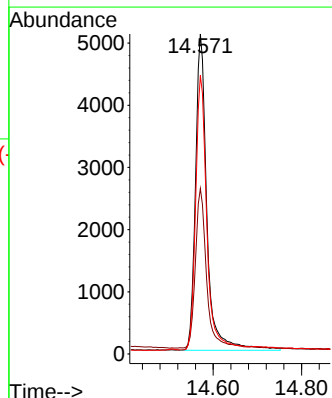
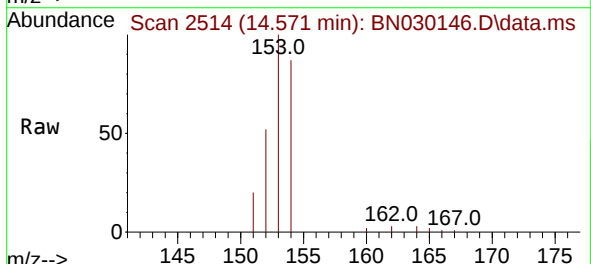
Instrument :
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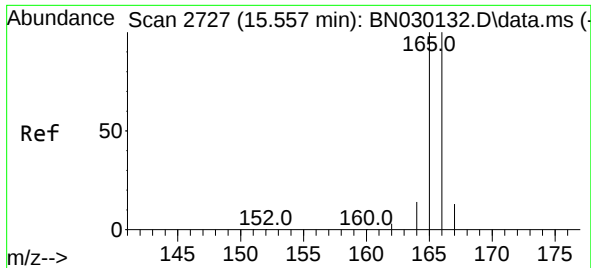
Tgt Ion:152 Resp: 11542
Ion Ratio Lower Upper
152 100
151 21.2 15.8 23.8
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. 0.009 min
Lab File: BN030146.D
Acq: 29 Feb 2024 01:03

Tgt Ion:153 Resp: 9165
Ion Ratio Lower Upper
153 100
152 51.7 41.5 62.3
154 87.0 70.9 106.3

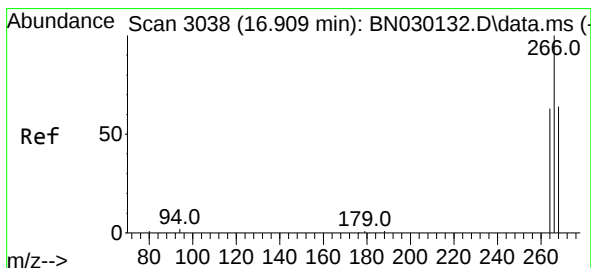
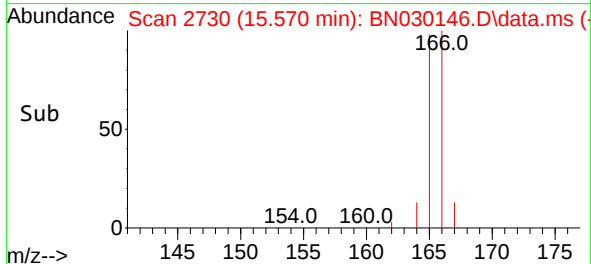
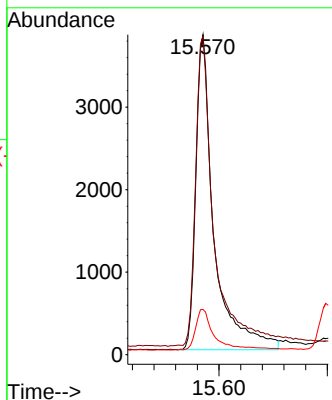
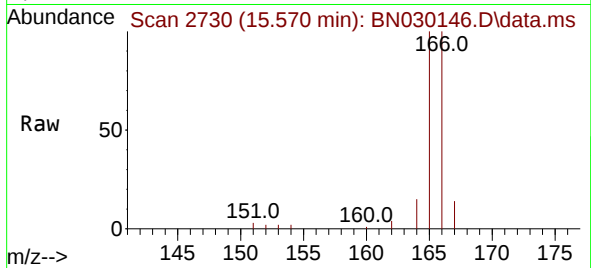




#12
 Fluorene
 Concen: 0.381 ng/ul
 RT: 15.570 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BN030146.D
 Acq: 29 Feb 2024 01:03

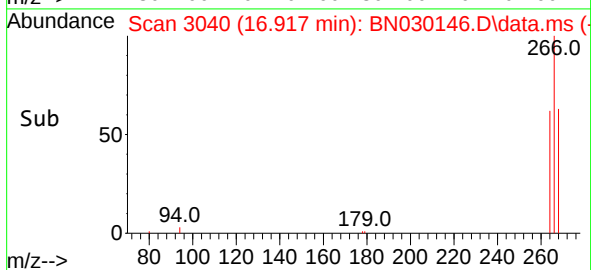
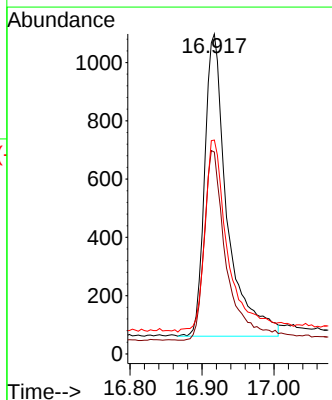
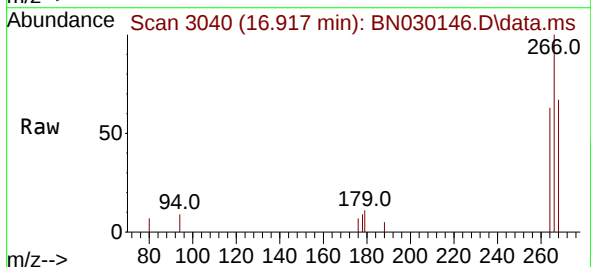
Instrument :
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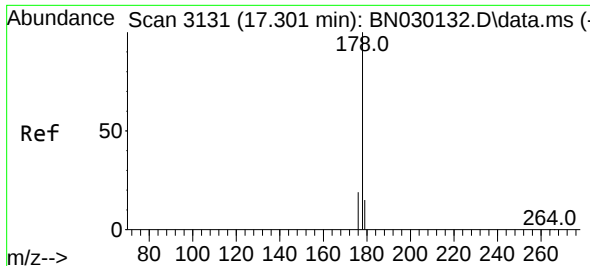
Tgt Ion:166 Resp: 8882
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.6 117.8
 167 14.2 11.5 17.3



#14
 Pentachlorophenol
 Concen: 1.052 ng/ul
 RT: 16.917 min Scan# 3040
 Delta R.T. 0.000 min
 Lab File: BN030146.D
 Acq: 29 Feb 2024 01:03

Tgt Ion:266 Resp: 2242
 Ion Ratio Lower Upper
 266 100
 264 61.8 0.0 0.0#
 268 65.4 0.2 0.2#

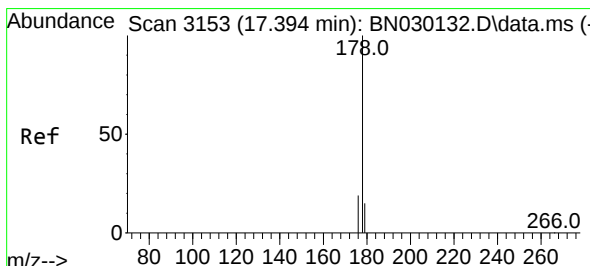
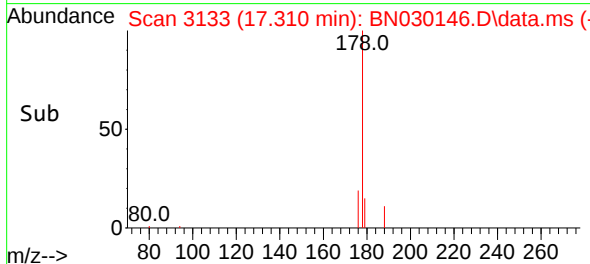
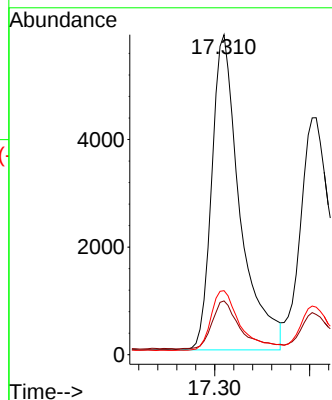
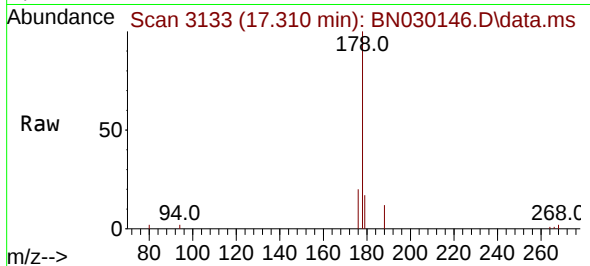




#15
Phenanthrene
Concen: 0.405 ng/u1
RT: 17.310 min Scan# 3131
Delta R.T. 0.009 min
Lab File: BN030146.D
Acq: 29 Feb 2024 01:03

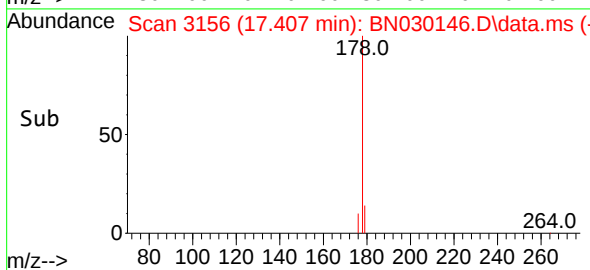
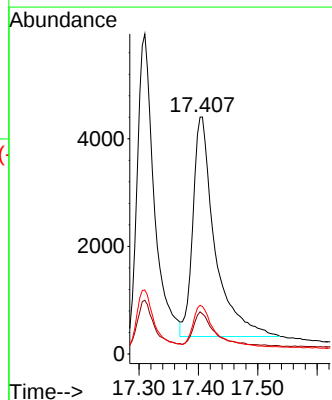
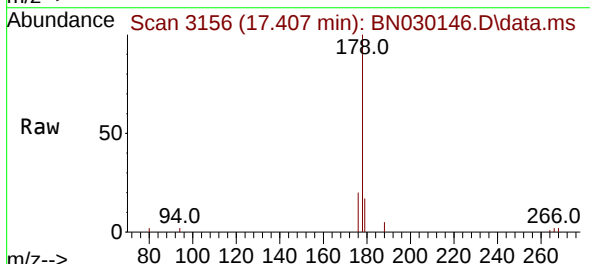
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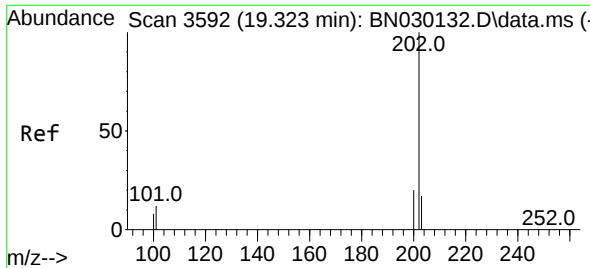
Tgt Ion:178 Resp: 12102
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 20.0 15.7 23.5



#16
Anthracene
Concen: 0.418 ng/u1
RT: 17.407 min Scan# 3156
Delta R.T. 0.009 min
Lab File: BN030146.D
Acq: 29 Feb 2024 01:03

Tgt Ion:178 Resp: 10499
Ion Ratio Lower Upper
178 100
179 17.0 12.9 19.3
176 20.0 15.8 23.8

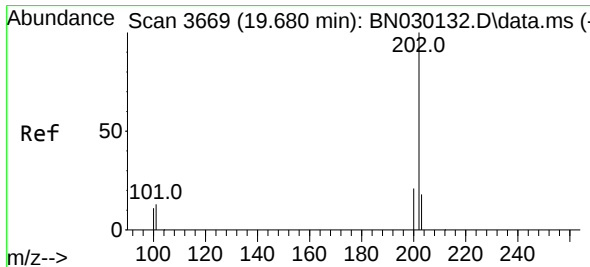
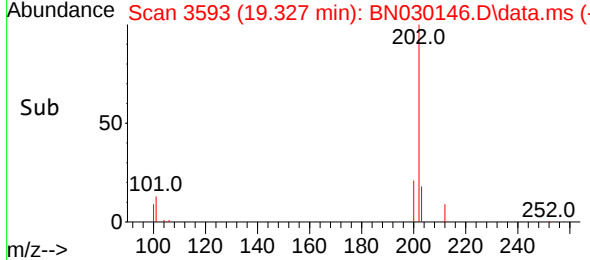
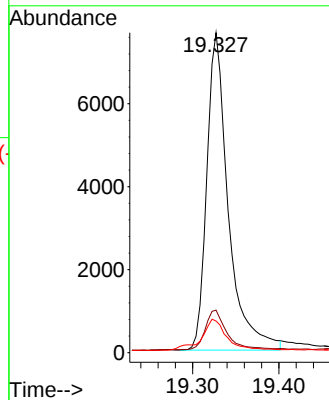
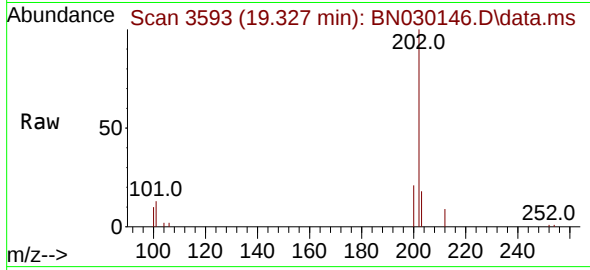




#19
Fluoranthene
Concen: 0.429 ng/ul
RT: 19.327 min Scan# 3593
Delta R.T. 0.005 min
Lab File: BN030146.D
Acq: 29 Feb 2024 01:03

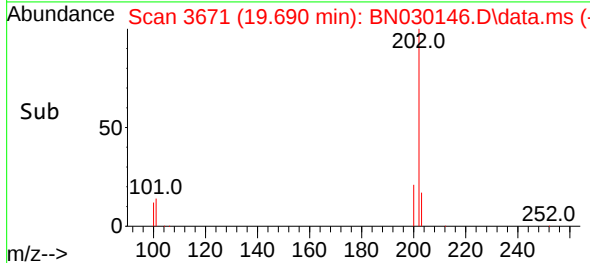
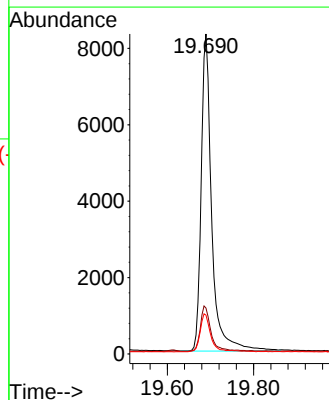
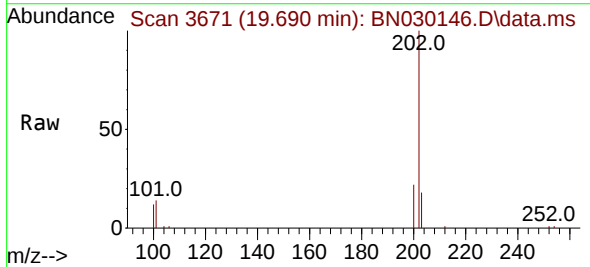
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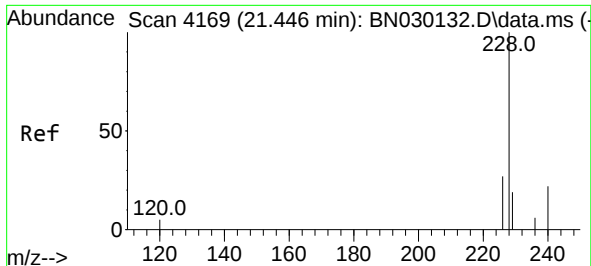
Tgt Ion:202 Resp: 13295
Ion Ratio Lower Upper
202 100
101 13.3 10.4 15.6
100 9.9 8.5 12.7



#20
Pyrene
Concen: 0.445 ng/ul
RT: 19.690 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BN030146.D
Acq: 29 Feb 2024 01:03

Tgt Ion:202 Resp: 14122
Ion Ratio Lower Upper
202 100
101 14.4 12.5 18.7
100 12.2 10.0 15.0

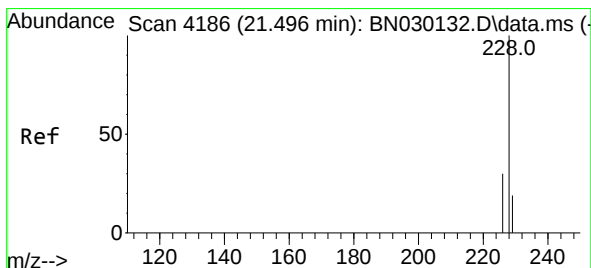
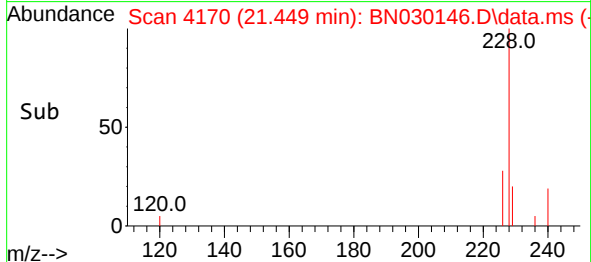
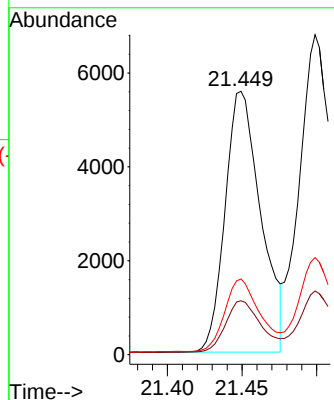
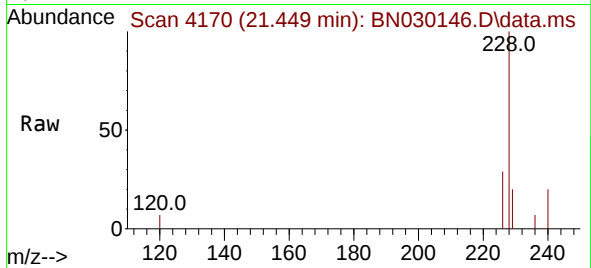




#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.449 min Scan# 4169
Delta R.T. -0.002 min
Lab File: BN030146.D
Acq: 29 Feb 2024 01:03

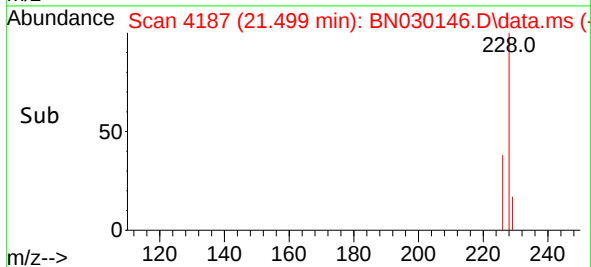
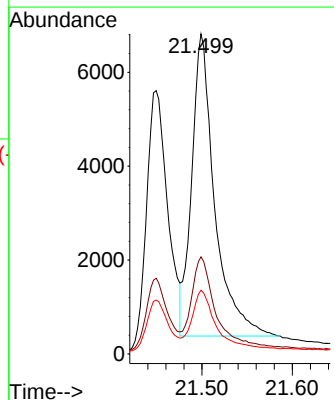
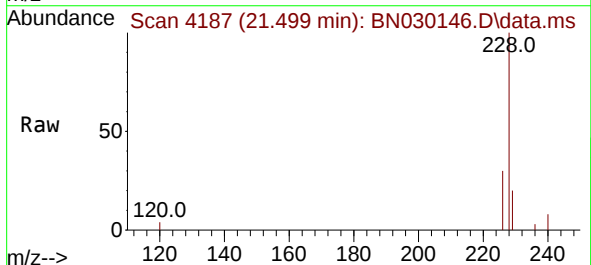
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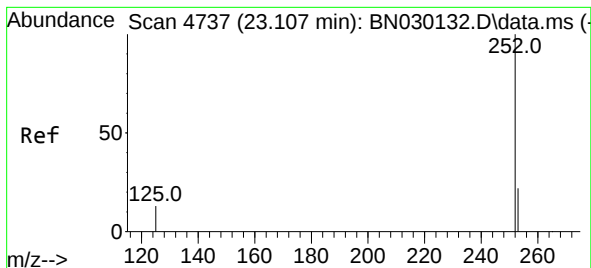
Tgt Ion:228 Resp: 9268
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.7 22.2 33.4



#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.499 min Scan# 4187
Delta R.T. -0.002 min
Lab File: BN030146.D
Acq: 29 Feb 2024 01:03

Tgt Ion:228 Resp: 11357
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.9 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.452 ng/ul

RT: 23.109 min Scan# 4738

Delta R.T. 0.001 min

Lab File: BN030146.D

Acq: 29 Feb 2024 01:03

Instrument :

BNA_N

ClientSampleId :

SLCS328

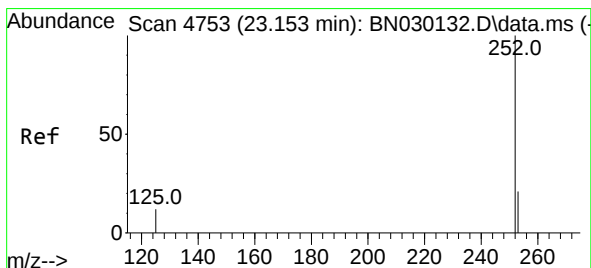
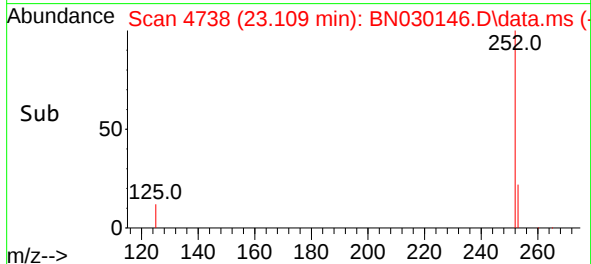
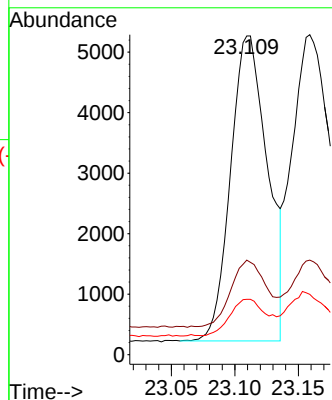
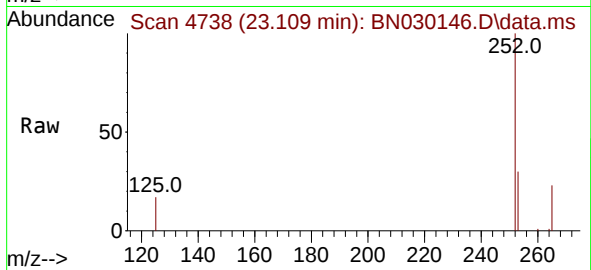
Tgt Ion:252 Resp: 10197

Ion Ratio Lower Upper

252 100

253 29.7 0.0 56.8

125 17.4 0.0 32.4



#25

Benzo(k)fluoranthene

Concen: 0.497 ng/ul

RT: 23.159 min Scan# 4755

Delta R.T. 0.004 min

Lab File: BN030146.D

Acq: 29 Feb 2024 01:03

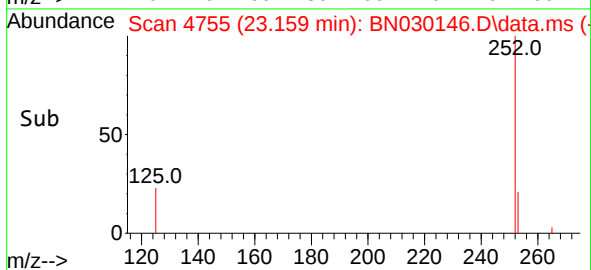
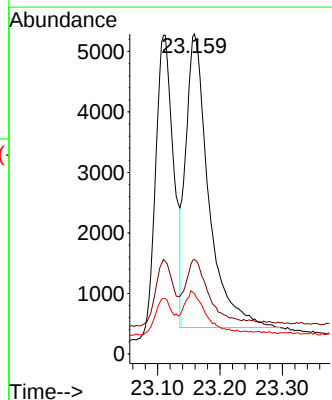
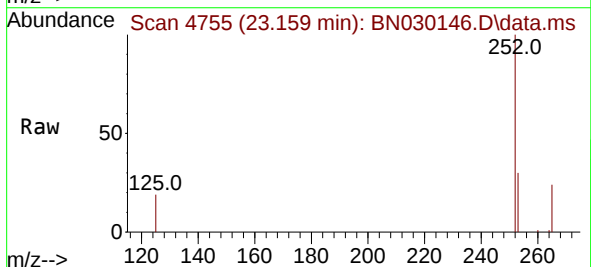
Tgt Ion:252 Resp: 12442

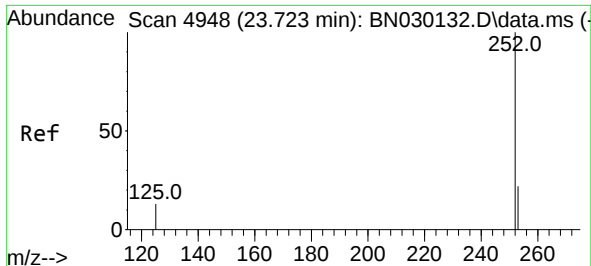
Ion Ratio Lower Upper

252 100

253 29.5 22.6 33.8

125 18.8 15.3 22.9

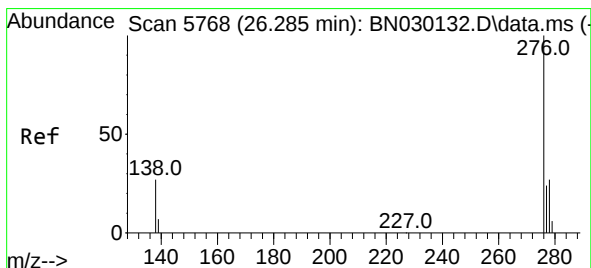
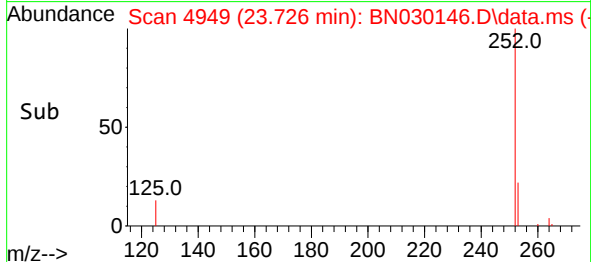
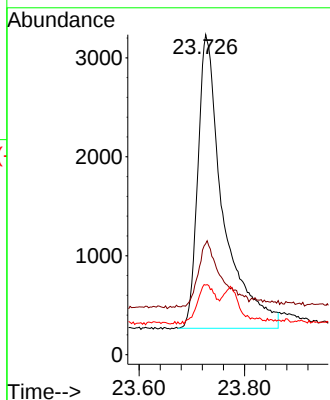
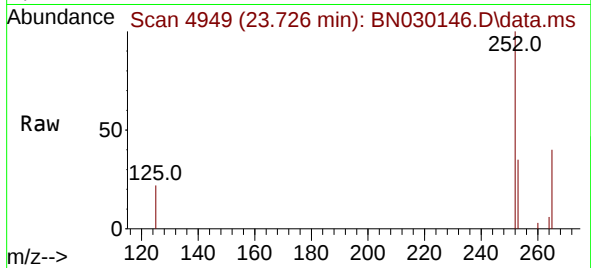




#26
Benzo(a)pyrene
Concen: 0.464 ng/ul
RT: 23.726 min Scan# 4948
Delta R.T. 0.001 min
Lab File: BN030146.D
Acq: 29 Feb 2024 01:03

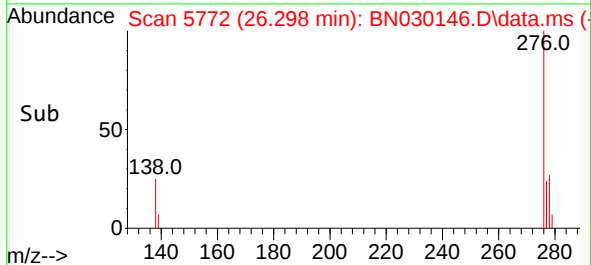
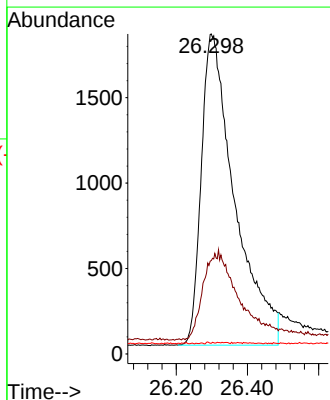
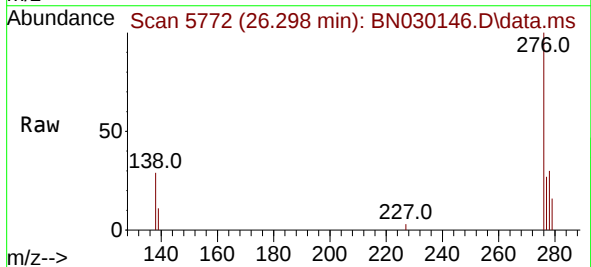
Instrument :
BNA_N
ClientSampleId :
SLCS328

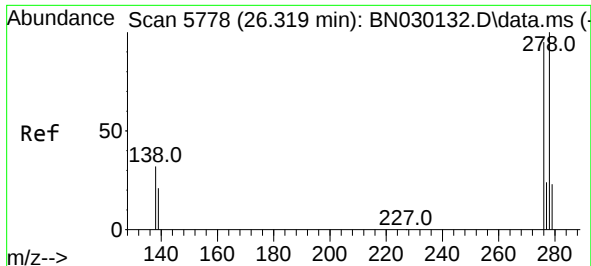
Tgt Ion:252 Resp: 9849
Ion Ratio Lower Upper
252 100
253 34.7 25.4 38.0
125 21.7 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.461 ng/ul
RT: 26.298 min Scan# 5772
Delta R.T. 0.005 min
Lab File: BN030146.D
Acq: 29 Feb 2024 01:03

Tgt Ion:276 Resp: 11875
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.0 0.0 0.0#

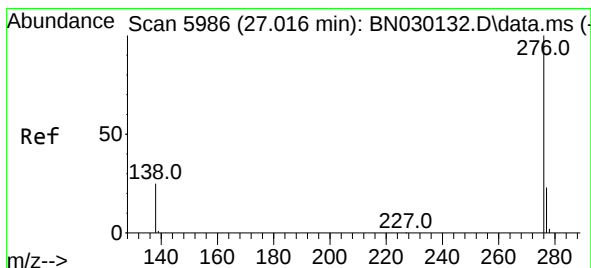
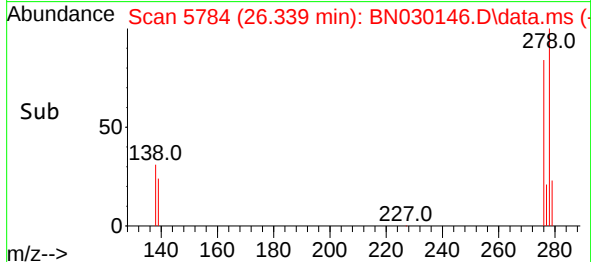
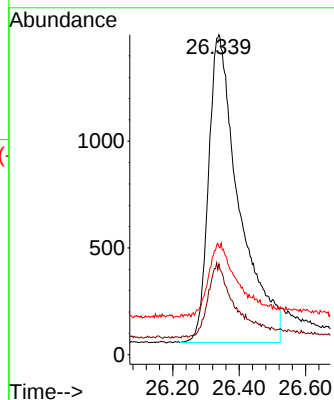
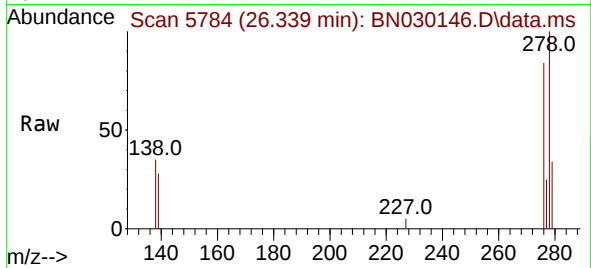




#28
 Dibenzo(a,h)anthracene
 Concen: 0.457 ng/ul
 RT: 26.339 min Scan# 51
 Delta R.T. 0.008 min
 Lab File: BN030146.D
 Acq: 29 Feb 2024 01:03

Instrument :
 BNA_N
 ClientSampleId :
 SLCS328

Tgt Ion:278 Resp: 9226
 Ion Ratio Lower Upper
 278 100
 139 28.4 19.0 28.4
 279 33.8 22.6 34.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.462 ng/ul
 RT: 27.033 min Scan# 5991
 Delta R.T. 0.015 min
 Lab File: BN030146.D
 Acq: 29 Feb 2024 01:03

Tgt Ion:276 Resp: 10794
 Ion Ratio Lower Upper
 276 100
 138 29.1 24.6 37.0
 277 25.3 19.7 29.5

