

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071322\
 Data File : BN020729.D
 Acq On : 13 Jul 2022 14:58
 Operator : CG/JU
 Sample : PB146171BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS171

Quant Time: Jul 14 03:11:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 00:47:40 2022
 Response via : Initial Calibration

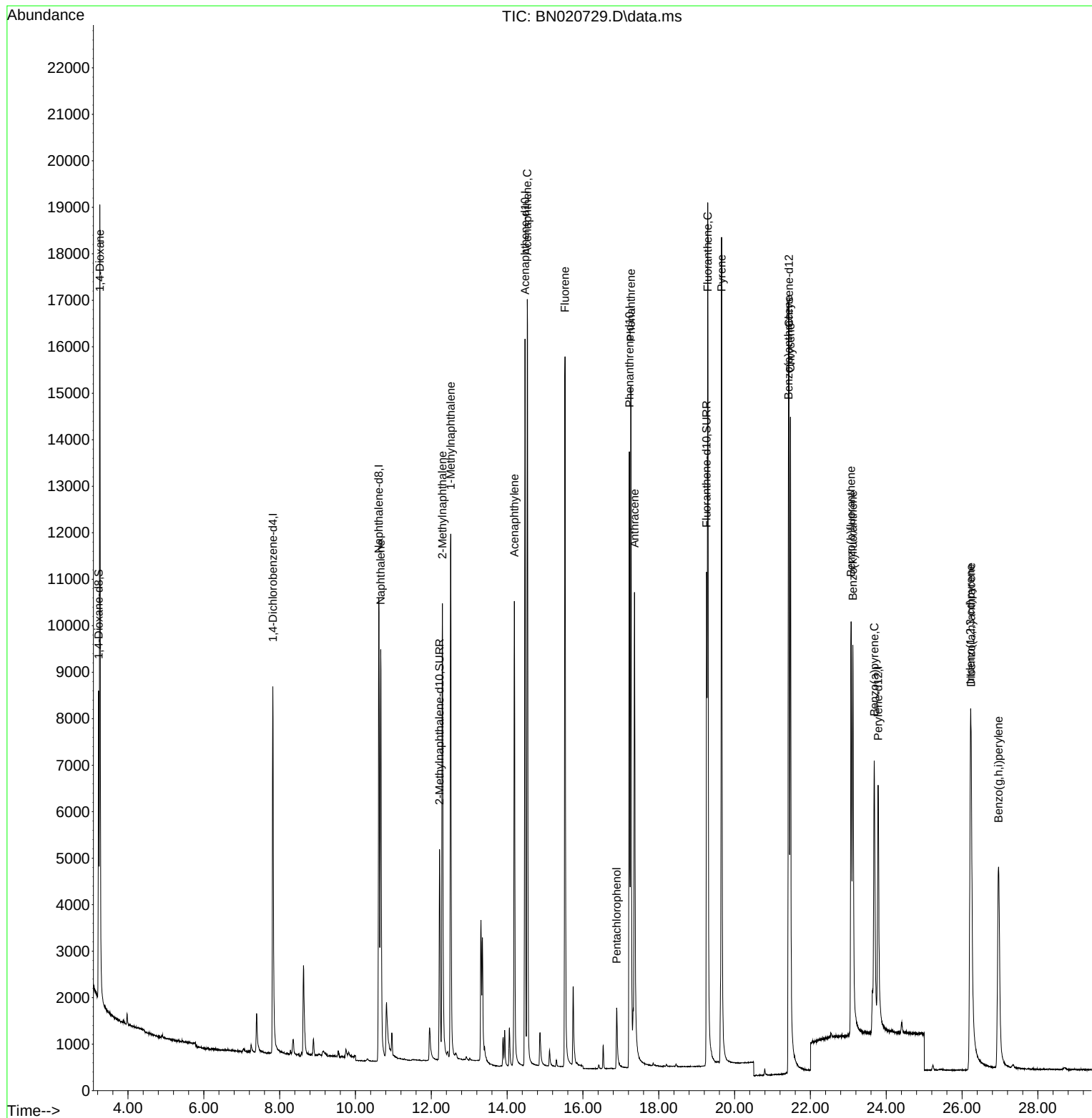
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	4984	0.400	ng/ul	0.00
4) Naphthalene-d8	10.616	136	15060	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.473	164	9172	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.224	188	16865	0.400	ng/ul	0.00
17) Chrysene-d12	21.435	240	11032	0.400	ng/ul	0.00
23) Perylene-d12	23.785	264	8382	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	3955	0.685	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	6907	0.279	ng/ul	-0.01
18) Fluoranthene-d10	19.261	212	13326	0.366	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	10185	1.727	ng/ul#	80
5) Naphthalene	10.666	128	13692	0.295	ng/ul	99
7) 2-Methylnaphthalene	12.293	142	8204	0.264	ng/ul	99
8) 1-Methylnaphthalene	12.513	142	8764	0.297	ng/ul	100
10) Acenaphthylene	14.191	152	13004	0.299	ng/ul	100
11) Acenaphthene	14.533	153	10401	0.299	ng/ul	100
12) Fluorene	15.528	166	11175	0.271	ng/ul	100
14) Pentachlorophenol	16.891	266	1230	0.362	ng/ul	99
15) Phenanthrene	17.266	178	17462	0.298	ng/ul	100
16) Anthracene	17.359	178	14003	0.277	ng/ul	99
19) Fluoranthene	19.294	202	17820	0.354	ng/ul	99
20) Pyrene	19.656	202	18103	0.346	ng/ul	98
21) Benzo(a)anthracene	21.421	228	11644	0.294	ng/ul	100
22) Chrysene	21.473	228	14472	0.328	ng/ul	99
24) Benzo(b)fluoranthene	23.072	252	12509	0.322	ng/ul	98
25) Benzo(k)fluoranthene	23.119	252	12921	0.330	ng/ul	99
26) Benzo(a)pyrene	23.683	252	11358	0.322	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.222	276	12704	0.362	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.239	278	10102	0.357	ng/ul	98
29) Benzo(g,h,i)perylene	26.963	276	11520	0.383	ng/ul	99

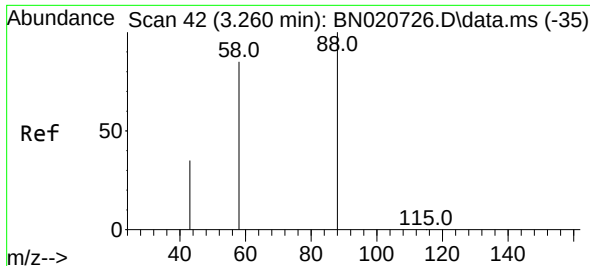
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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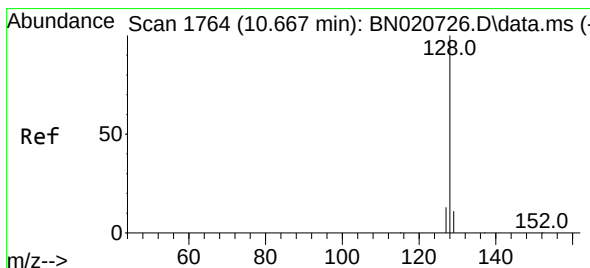
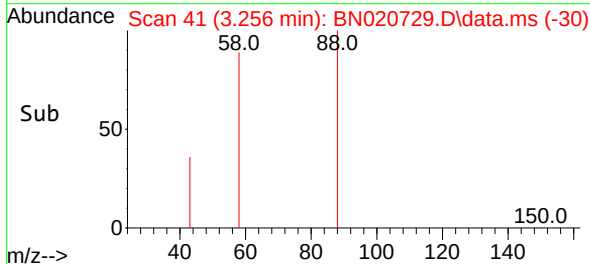
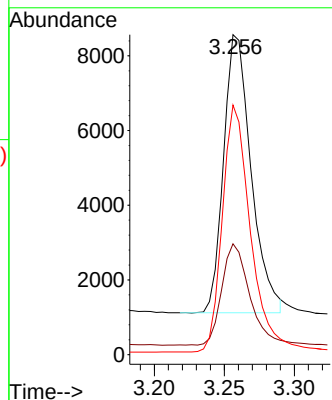
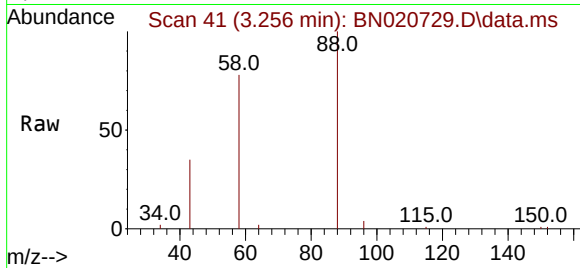




#2
 1,4-Dioxane
 Concen: 1.727 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN020729.D
 Acq: 13 Jul 2022 14:58

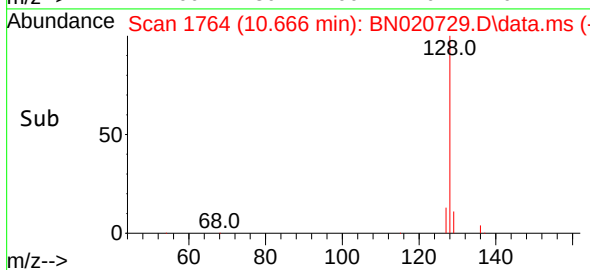
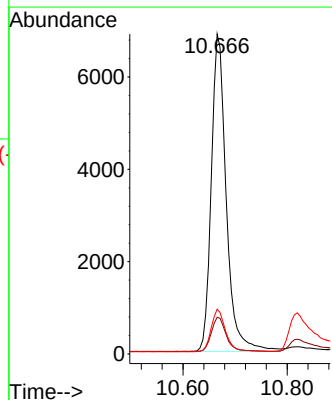
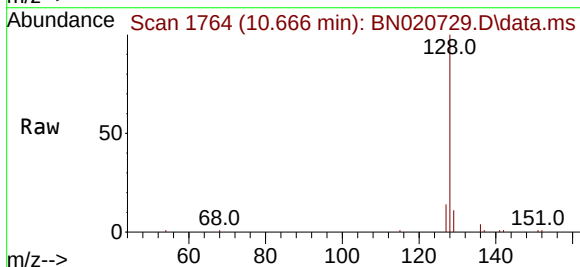
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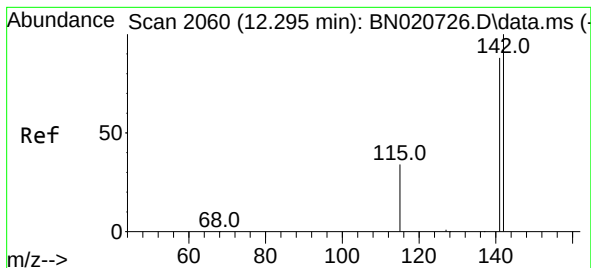
Tgt Ion: 88 Resp: 10185
 Ion Ratio Lower Upper
 88 100
 43 34.7 32.5 48.7
 58 78.0 46.2 69.2#



#5
 Naphthalene
 Concen: 0.295 ng/ul
 RT: 10.666 min Scan# 1764
 Delta R.T. -0.012 min
 Lab File: BN020729.D
 Acq: 13 Jul 2022 14:58

Tgt Ion:128 Resp: 13692
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.5 14.3
 127 14.0 11.3 16.9

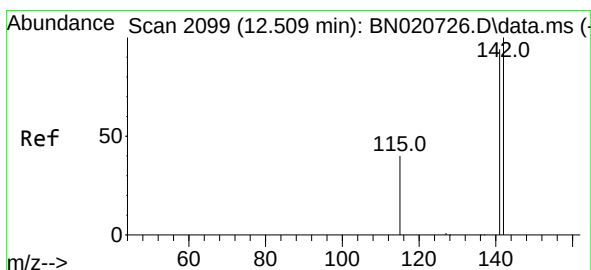
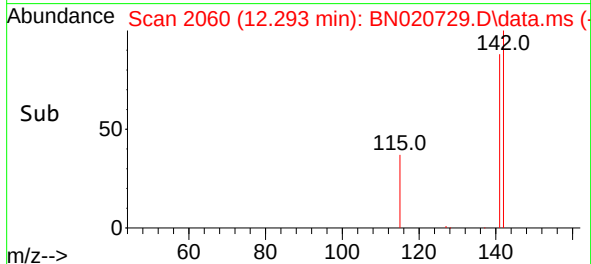
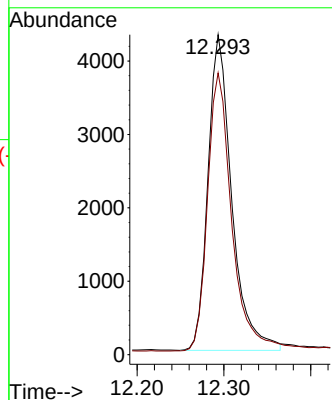
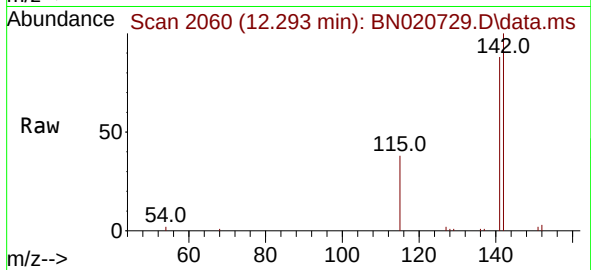




#7
2-Methylnaphthalene
Concen: 0.264 ng/ul
RT: 12.293 min Scan# 2060
Delta R.T. -0.007 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

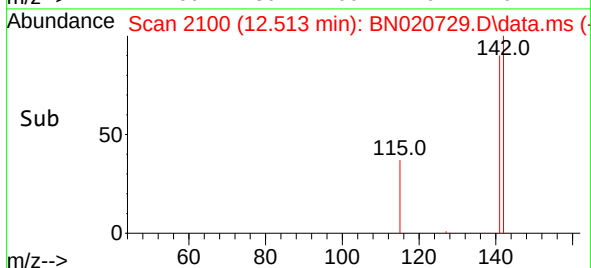
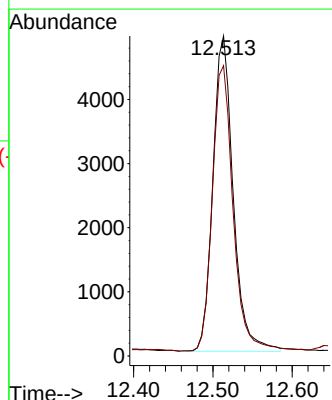
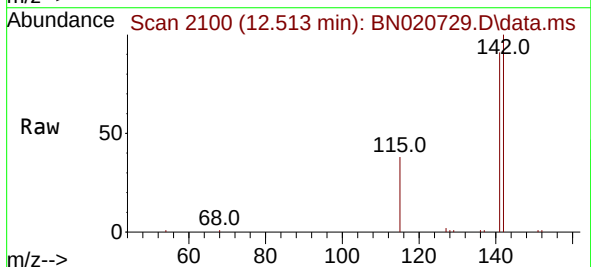
Instrument :
BNA_N
ClientSampleId :
SLCS171

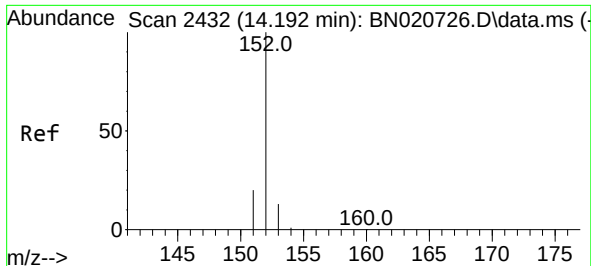
Tgt Ion:142 Resp: 8204
Ion Ratio Lower Upper
142 100
141 89.3 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.513 min Scan# 2100
Delta R.T. -0.007 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

Tgt Ion:142 Resp: 8764
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5

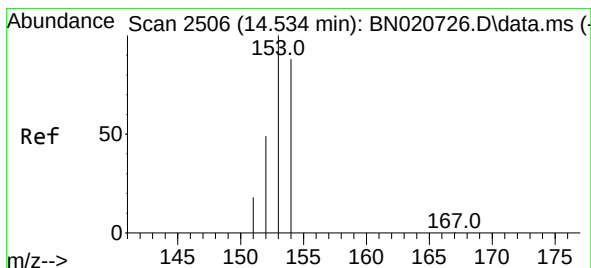
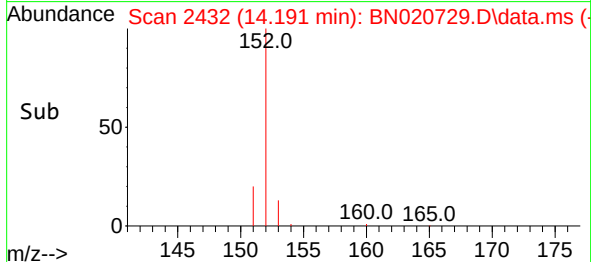
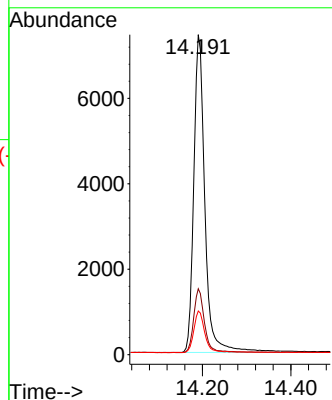
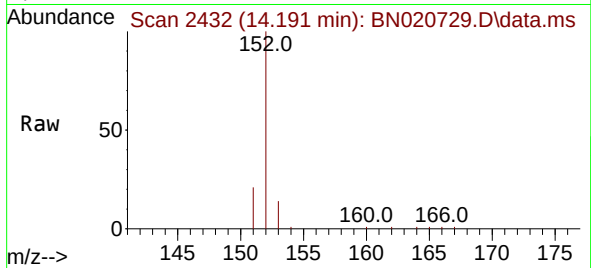




#10
Acenaphthylene
Concen: 0.299 ng/ul
RT: 14.191 min Scan# 2432
Delta R.T. -0.011 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

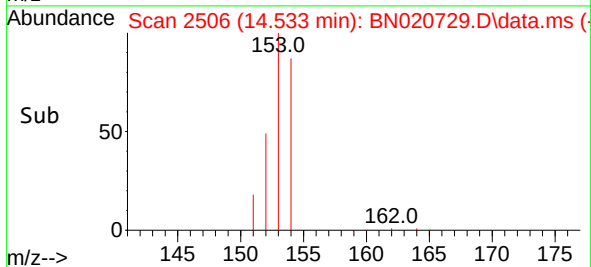
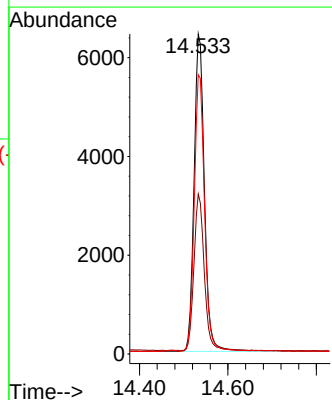
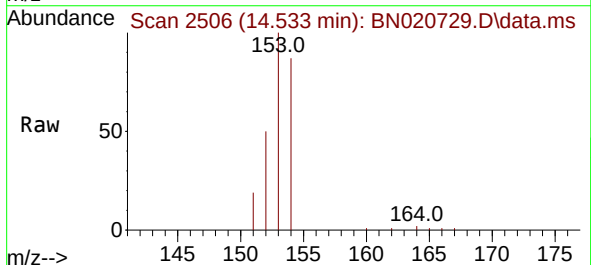
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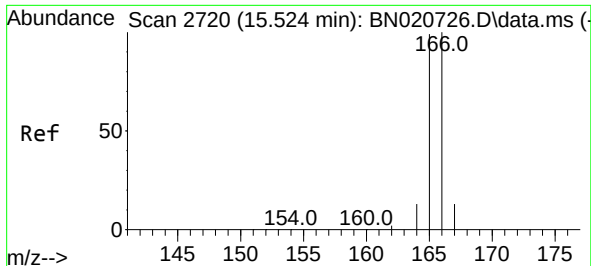
Tgt Ion:152 Resp: 13004
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.011 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

Tgt Ion:153 Resp: 10401
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 87.3 70.0 105.0

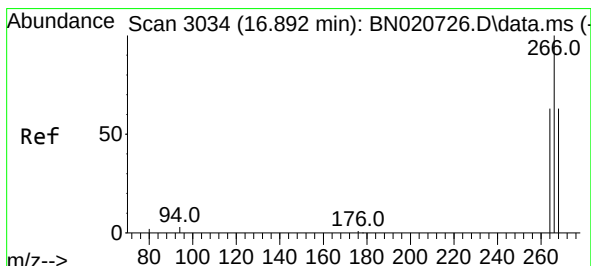
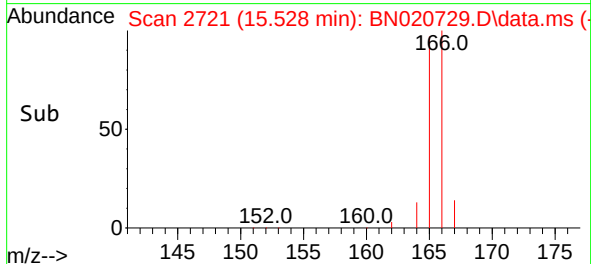
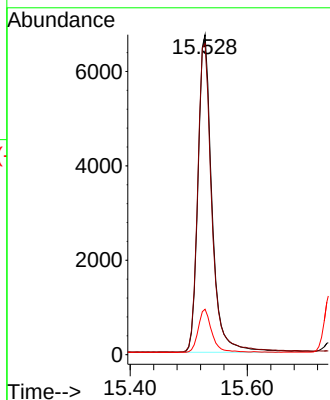
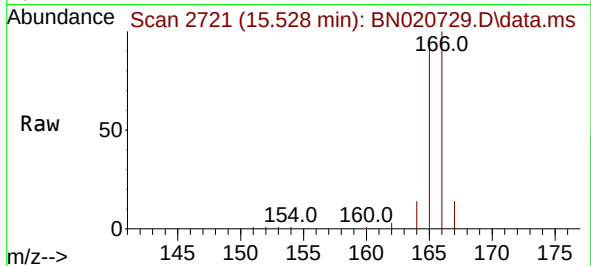




#12
 Fluorene
 Concen: 0.271 ng/ul
 RT: 15.528 min Scan# 2721
 Delta R.T. -0.006 min
 Lab File: BN020729.D
 Acq: 13 Jul 2022 14:58

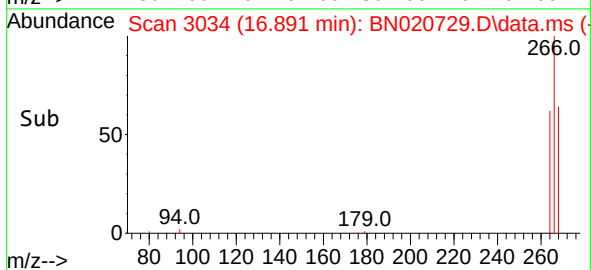
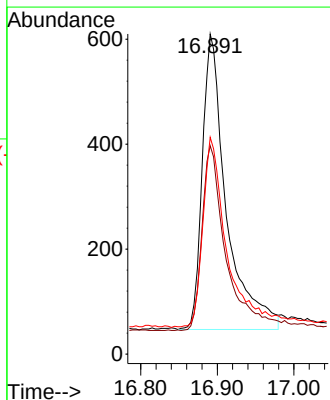
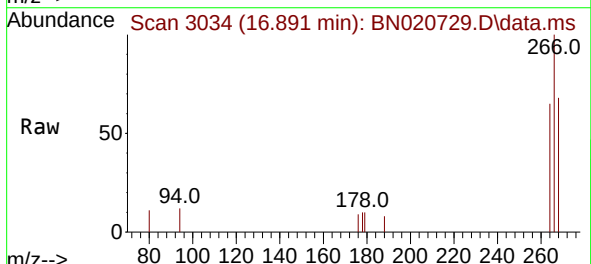
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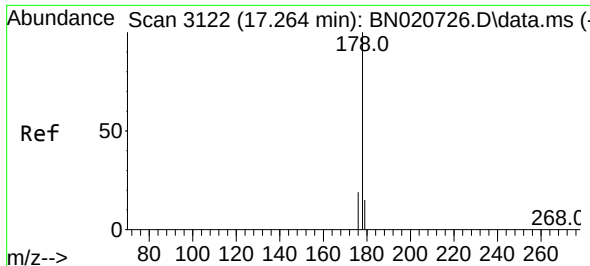
Tgt Ion:166 Resp: 11175
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.2 117.2
 167 14.2 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.362 ng/ul
 RT: 16.891 min Scan# 3034
 Delta R.T. -0.014 min
 Lab File: BN020729.D
 Acq: 13 Jul 2022 14:58

Tgt Ion:266 Resp: 1230
 Ion Ratio Lower Upper
 266 100
 264 62.3 51.6 77.4
 268 64.3 51.5 77.3

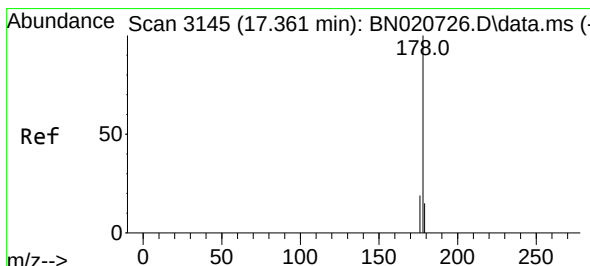
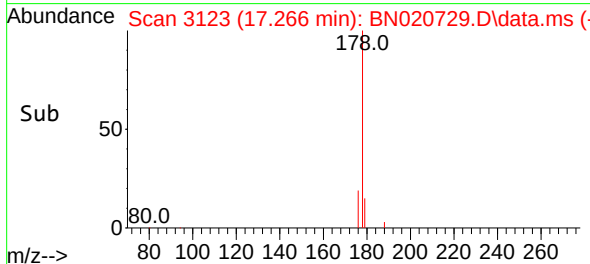
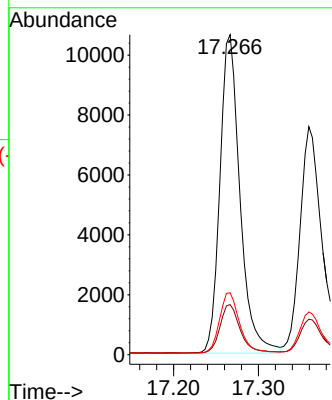
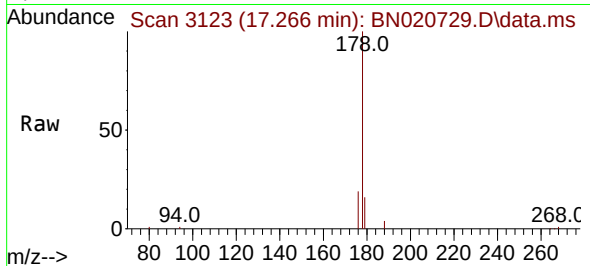




#15
Phenanthrene
Concen: 0.298 ng/ul
RT: 17.266 min Scan# 3122
Delta R.T. -0.010 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

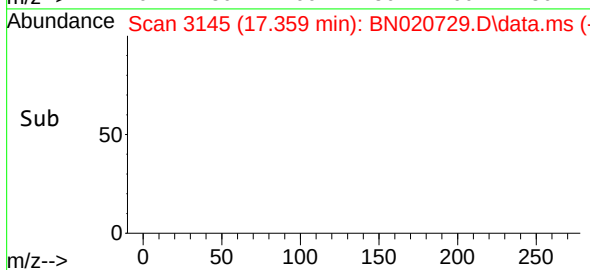
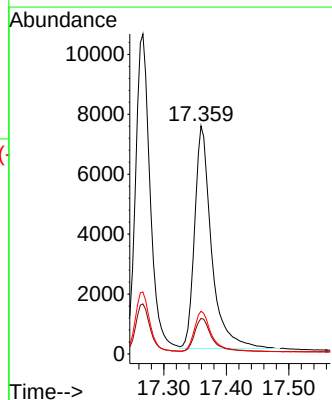
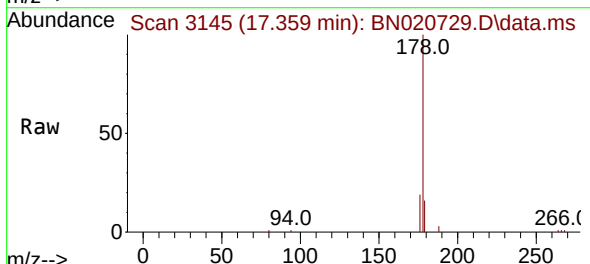
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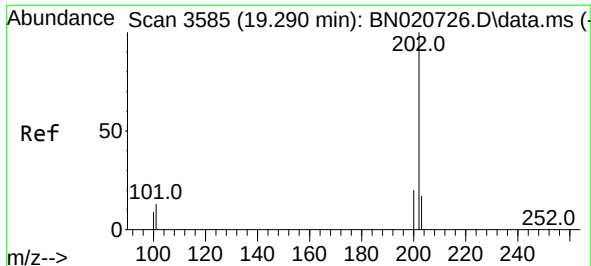
Tgt Ion:178 Resp: 17462
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.4 15.8 23.6



#16
Anthracene
Concen: 0.277 ng/ul
RT: 17.359 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

Tgt Ion:178 Resp: 14003
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 18.8 15.2 22.8

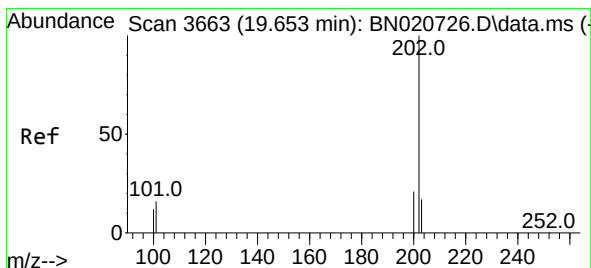
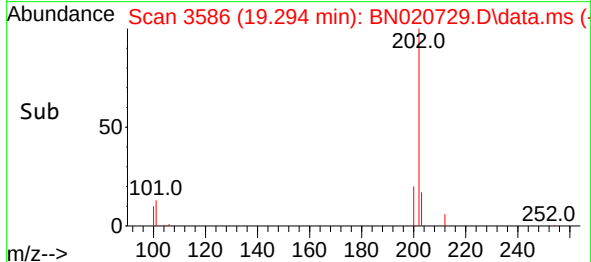
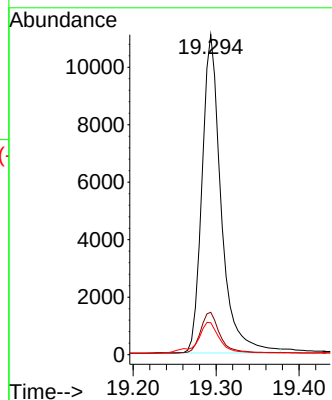
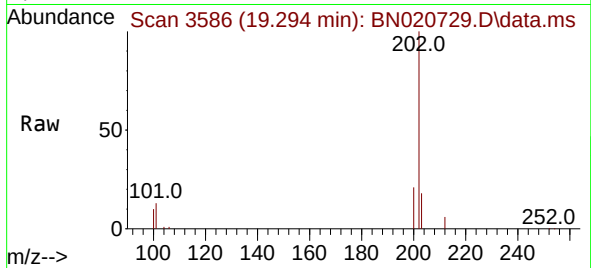




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.294 min Scan# 3586
Delta R.T. -0.011 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

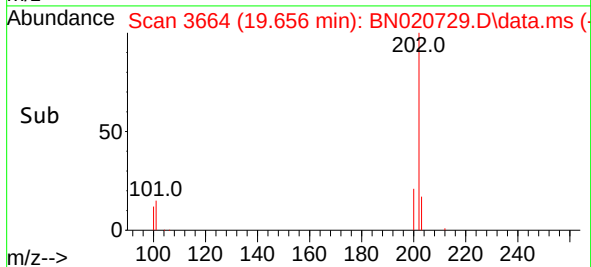
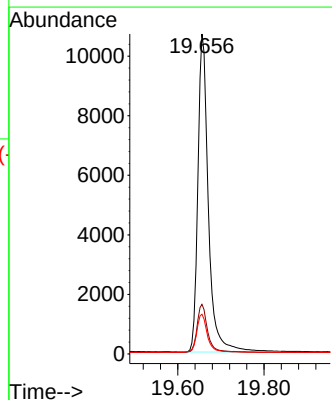
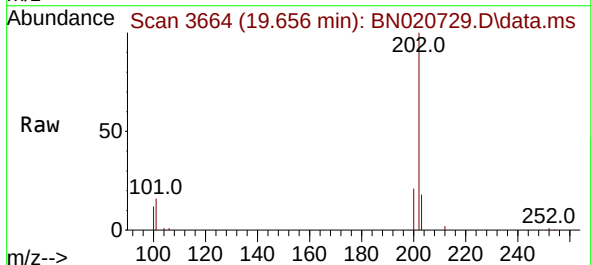
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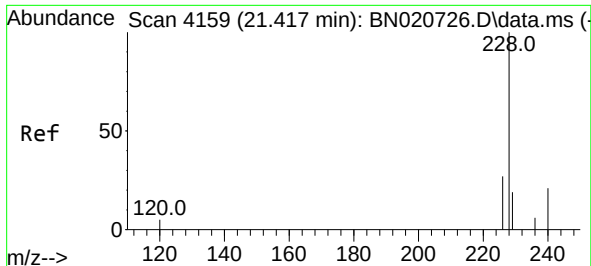
Tgt Ion:202 Resp: 17820
Ion Ratio Lower Upper
202 100
101 13.3 10.3 15.5
100 10.0 7.8 11.6



#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.656 min Scan# 3664
Delta R.T. -0.011 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

Tgt Ion:202 Resp: 18103
Ion Ratio Lower Upper
202 100
101 15.5 11.6 17.4
100 12.4 9.2 13.8

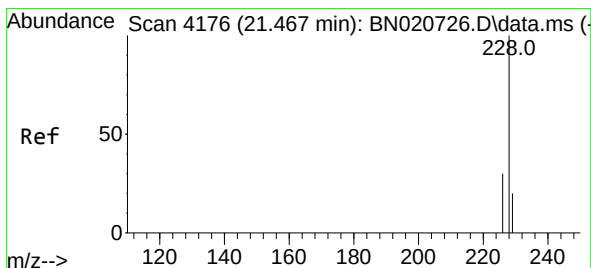
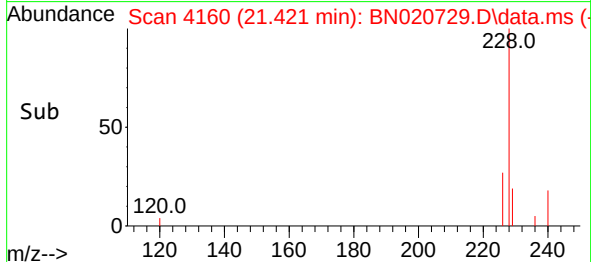
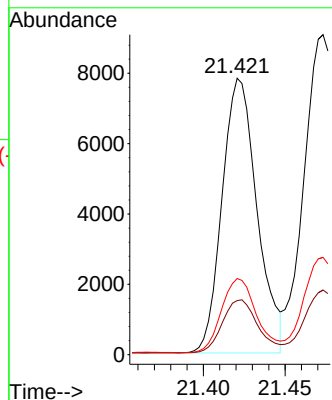
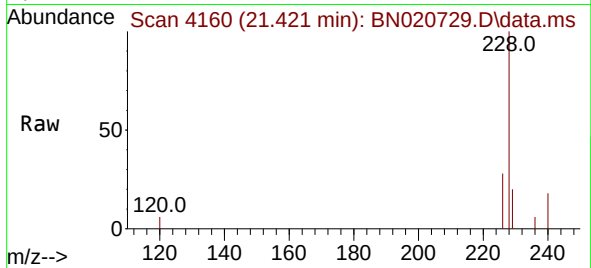




#21
Benzo(a)anthracene
Concen: 0.294 ng/ul
RT: 21.421 min Scan# 4159
Delta R.T. -0.008 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

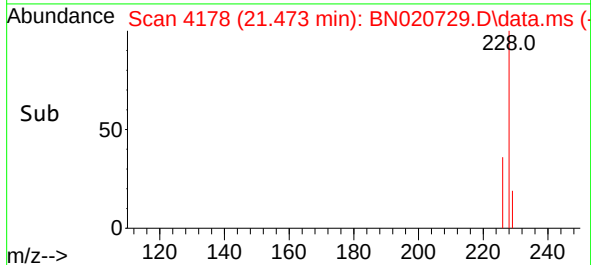
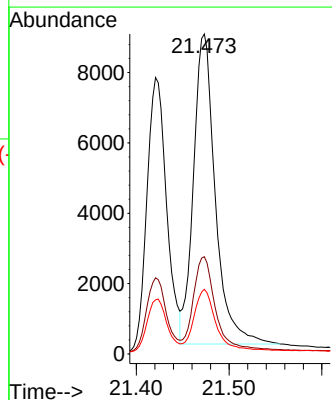
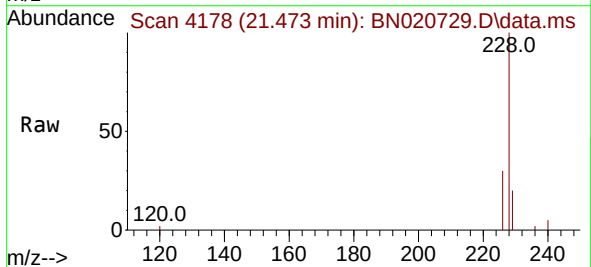
Instrument :
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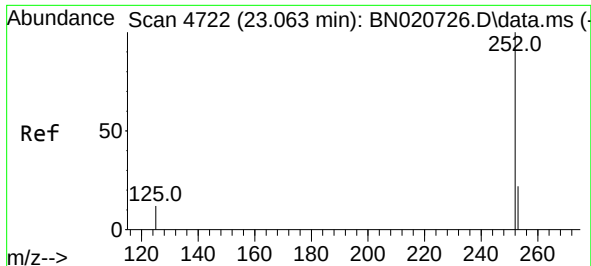
Tgt Ion:228 Resp: 11644
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.473 min Scan# 4178
Delta R.T. -0.005 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

Tgt Ion:228 Resp: 14472
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 20.2 15.8 23.8

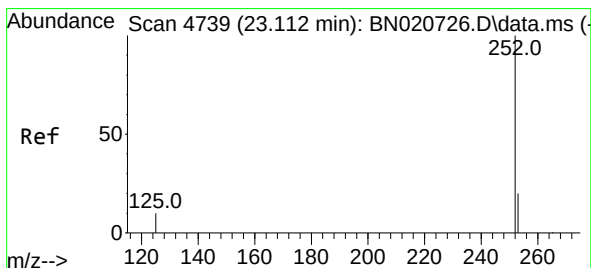
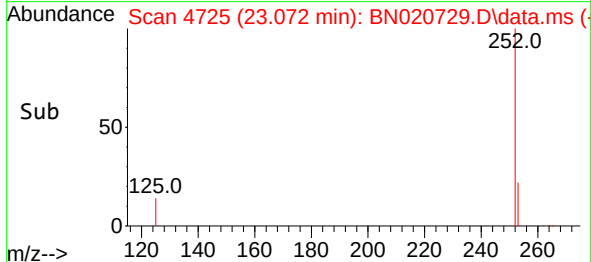
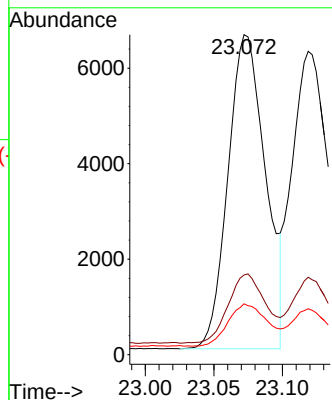
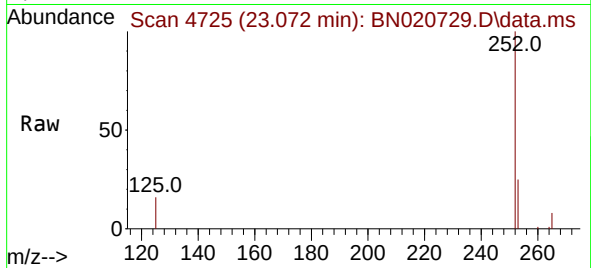




#24
Benzo(b)fluoranthene
Concen: 0.322 ng/ul
RT: 23.072 min Scan# 4725
Delta R.T. -0.011 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

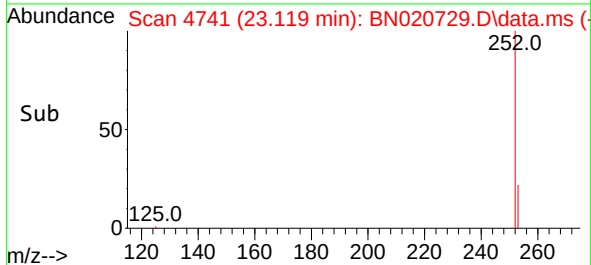
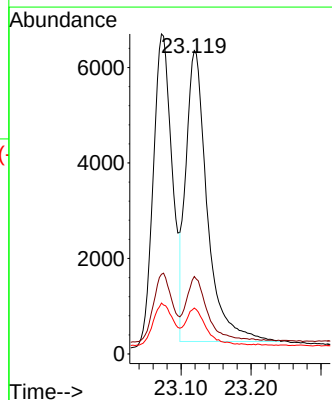
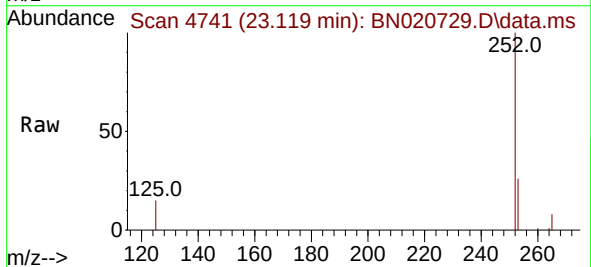
Instrument :
BNA_N
ClientSampleId :
SLCS171

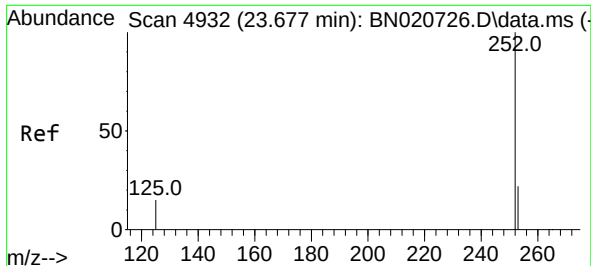
Tgt Ion:252 Resp: 12509
Ion Ratio Lower Upper
252 100
253 24.9 0.0 48.6
125 15.9 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 23.119 min Scan# 4741
Delta R.T. -0.011 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

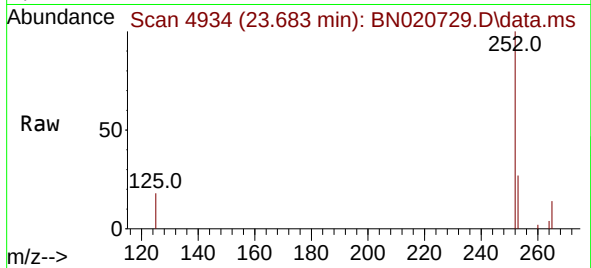
Tgt Ion:252 Resp: 12921
Ion Ratio Lower Upper
252 100
253 25.5 19.7 29.5
125 15.1 12.0 18.0



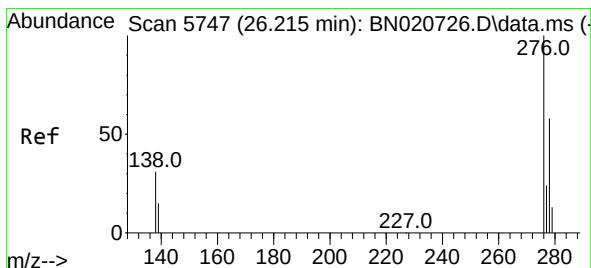
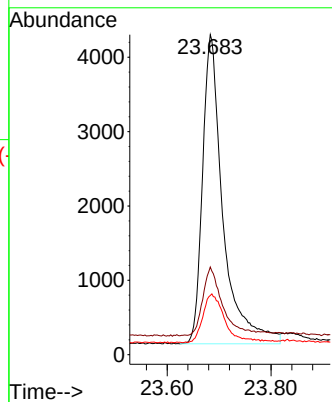
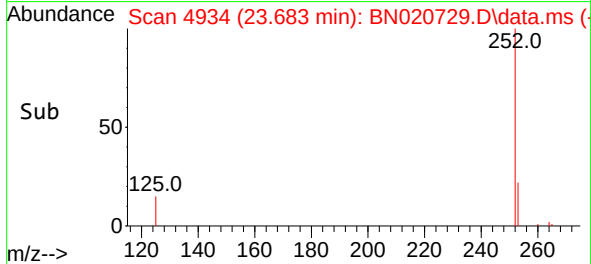


#26
Benzo(a)pyrene
Concen: 0.322 ng/ul
RT: 23.683 min Scan# 4934
Delta R.T. -0.014 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

Instrument :
BNA_N
ClientSampleId :
SLCS171

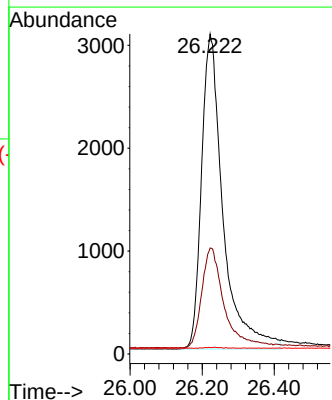
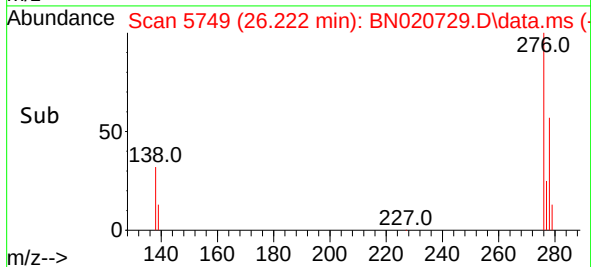
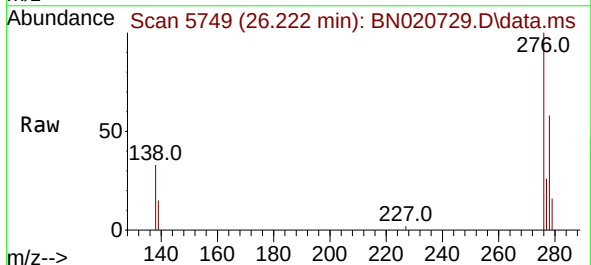


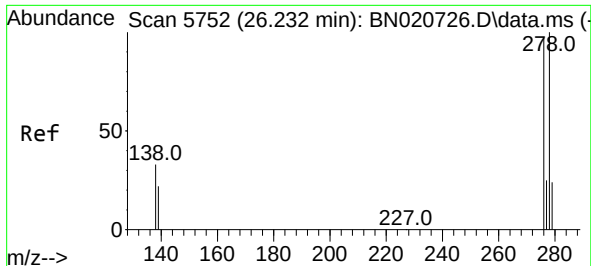
Tgt Ion:252 Resp: 11358
Ion Ratio Lower Upper
252 100
253 27.4 21.0 31.4
125 18.5 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng/ul
RT: 26.222 min Scan# 5749
Delta R.T. -0.023 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

Tgt Ion:276 Resp: 12704
Ion Ratio Lower Upper
276 100
138 33.4 27.4 41.2
227 0.1 0.2 0.2#

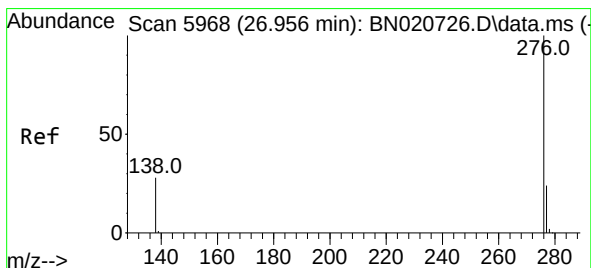
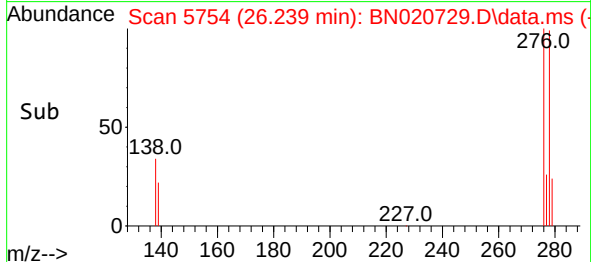
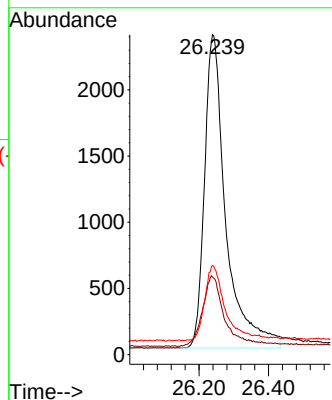
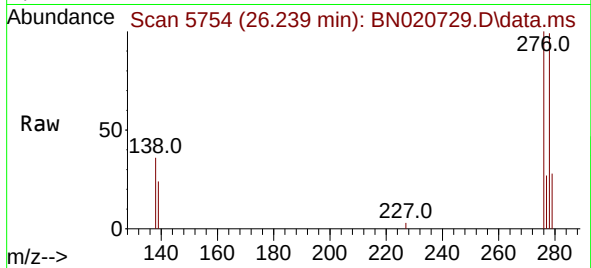




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 26.239 min Scan# 51
Delta R.T. -0.023 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

Instrument :
BNA_N
ClientSampleId :
SLCS171

Tgt Ion:278 Resp: 10102
Ion Ratio Lower Upper
278 100
139 24.2 18.8 28.2
279 27.9 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 26.963 min Scan# 5970
Delta R.T. -0.026 min
Lab File: BN020729.D
Acq: 13 Jul 2022 14:58

Tgt Ion:276 Resp: 11520
Ion Ratio Lower Upper
276 100
138 29.6 23.5 35.3
277 24.4 20.1 30.1

