

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
 Data File : BN020314.D
 Acq On : 21 Jun 2022 19:04
 Operator : CG/JU
 Sample : PB145572BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS572

Quant Time: Jun 22 00:08:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:13:51 2022
 Response via : Initial Calibration

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

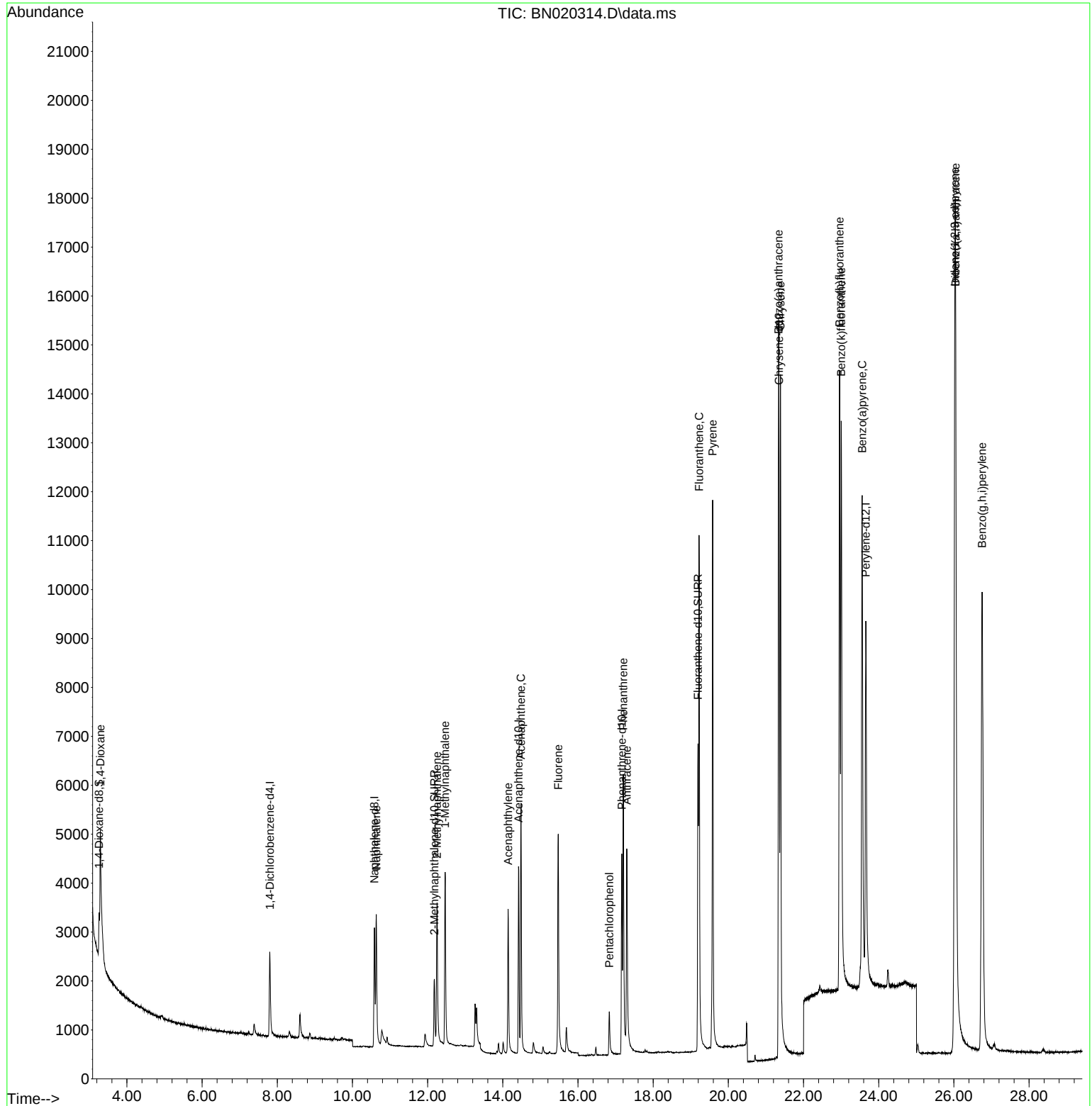
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	1271	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	4084	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.418	164	2487	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	5766	0.400	ng/ul	0.00
17) Chrysene-d12	21.349	240	9197	0.400	ng/ul	0.00
23) Perylene-d12	23.658	264	11421	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	899	0.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	2383	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	7942	0.418	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.294	88	1931	1.382	ng/ul#	81
5) Naphthalene	10.634	128	4510	0.345	ng/ul	98
7) 2-Methylnaphthalene	12.250	142	2697	0.319	ng/ul	100
8) 1-Methylnaphthalene	12.465	142	2938	0.353	ng/ul	100
10) Acenaphthylene	14.141	152	4251	0.357	ng/ul	99
11) Acenaphthene	14.483	153	3373	0.297	ng/ul	98
12) Fluorene	15.473	166	3868	0.328	ng/ul	99
14) Pentachlorophenol	16.833	266	815	0.736	ng/ul	98
15) Phenanthrene	17.204	178	7220	0.346	ng/ul	99
16) Anthracene	17.297	178	6164	0.349	ng/ul	99
19) Fluoranthene	19.220	202	10054	0.271	ng/ul	97
20) Pyrene	19.583	202	10969	0.273	ng/ul	100
21) Benzo(a)anthracene	21.334	228	11686	0.327	ng/ul	100
22) Chrysene	21.387	228	13848	0.311	ng/ul	99
24) Benzo(b)fluoranthene	22.959	252	17356	0.213	ng/ul	99
25) Benzo(k)fluoranthene	23.003	252	17775	0.234	ng/ul	99
26) Benzo(a)pyrene	23.558	252	17716	0.343	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.029	276	24169	0.287	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.042	278	19564	0.292	ng/ul	100
29) Benzo(g,h,i)perylene	26.750	276	21899	0.295	ng/ul	100

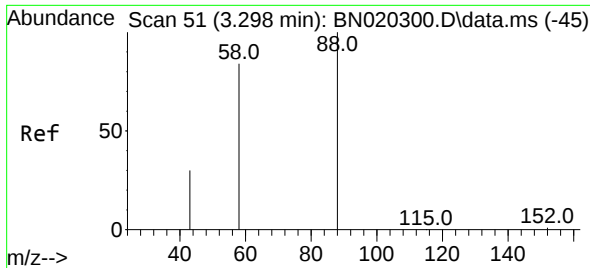
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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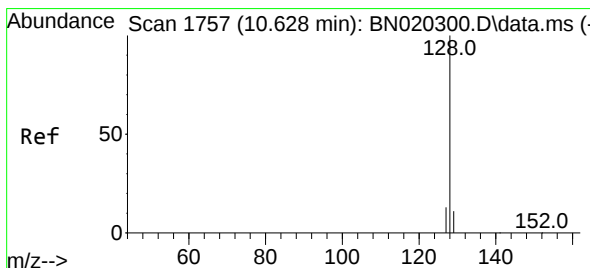
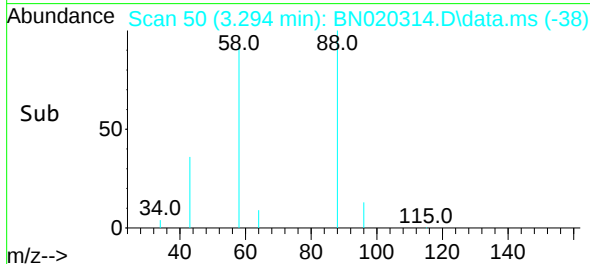
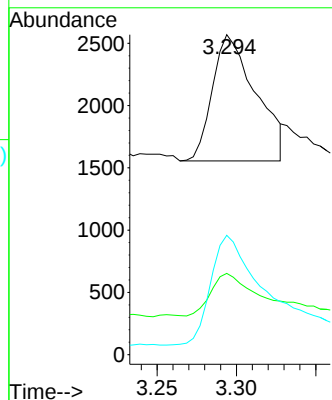
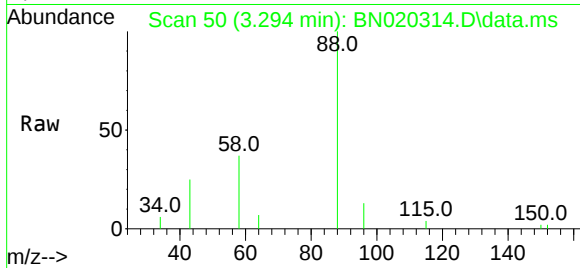




#2
 1,4-Dioxane
 Concen: 1.382 ng/ul
 RT: 3.294 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN020314.D
 Acq: 21 Jun 2022 19:04

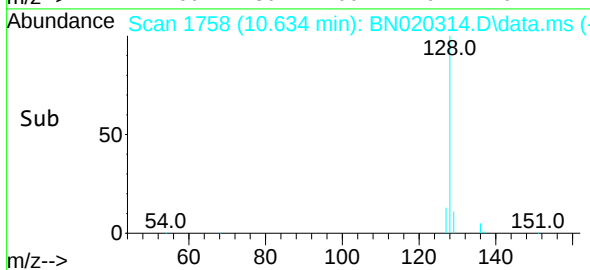
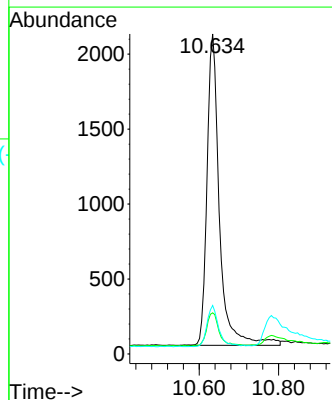
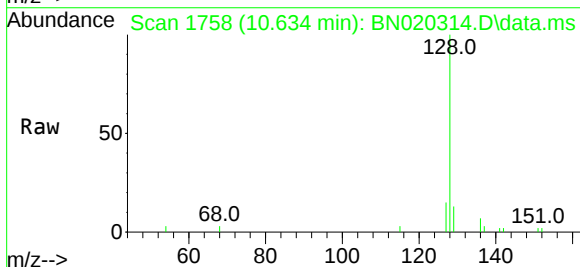
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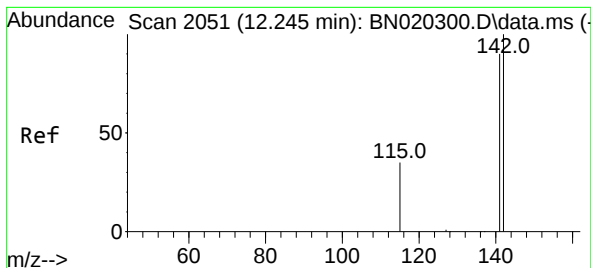
Tgt Ion: 88 Resp: 1931
 Ion Ratio Lower Upper
 88 100
 43 25.4 31.6 47.4#
 58 37.3 23.8 35.6#



#5
 Naphthalene
 Concen: 0.345 ng/ul
 RT: 10.634 min Scan# 1758
 Delta R.T. -0.000 min
 Lab File: BN020314.D
 Acq: 21 Jun 2022 19:04

Tgt Ion: 128 Resp: 4510
 Ion Ratio Lower Upper
 128 100
 129 12.8 11.0 16.4
 127 15.2 12.8 19.2

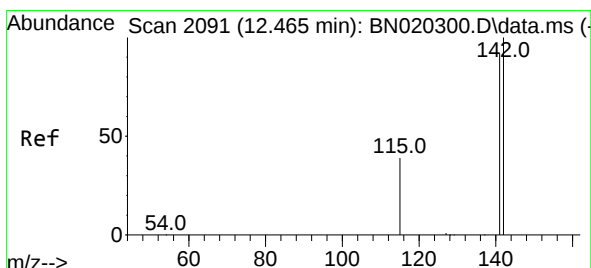
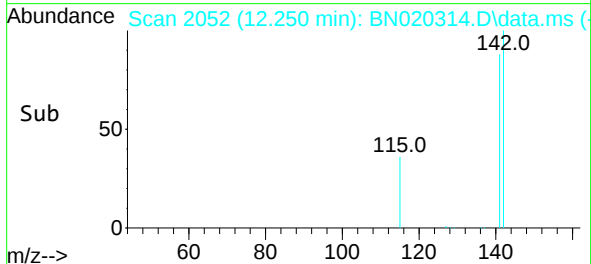
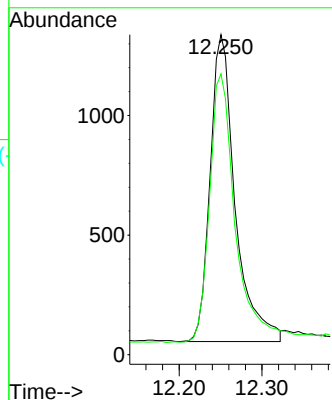
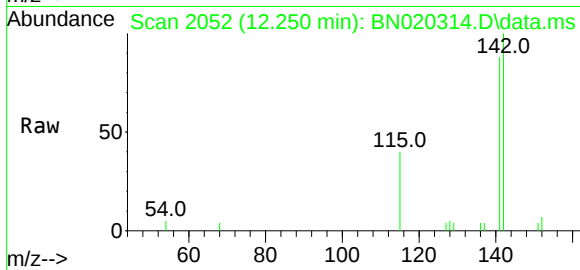




#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.250 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

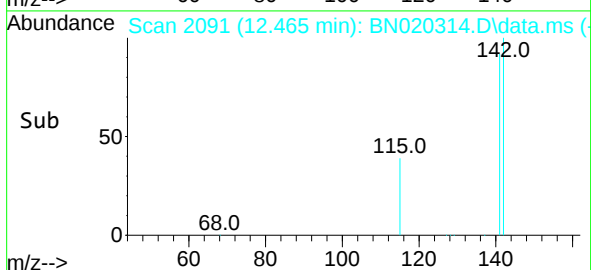
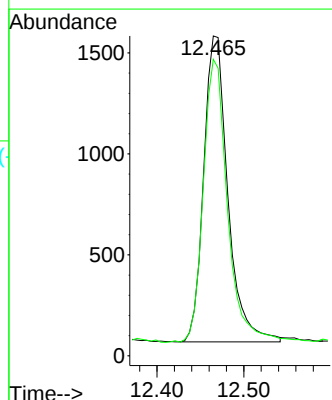
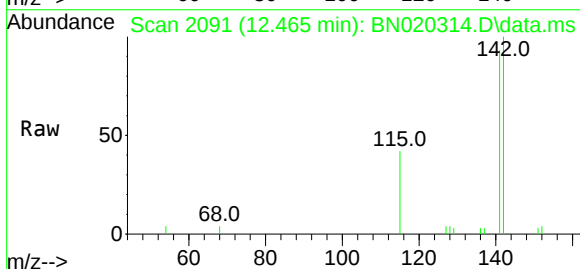
Instrument :
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ClientSampleId :
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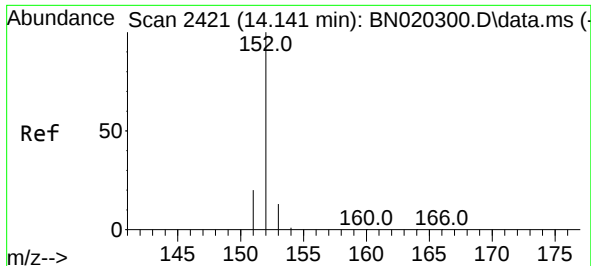
Tgt Ion:142 Resp: 2697
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

Tgt Ion:142 Resp: 2938
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.0

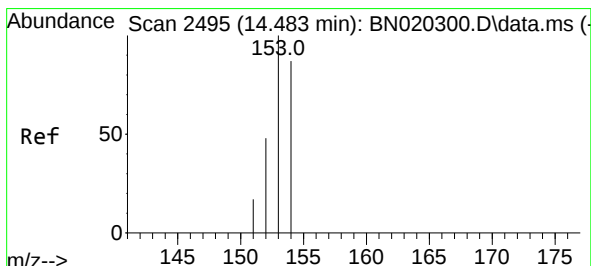
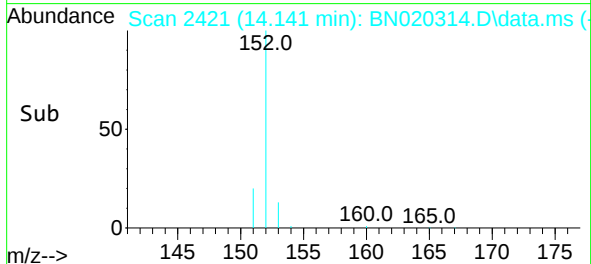
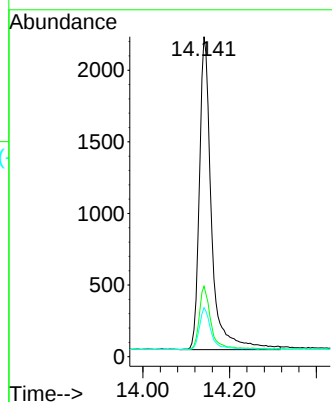
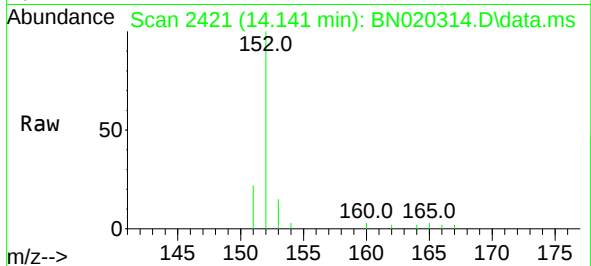




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.141 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

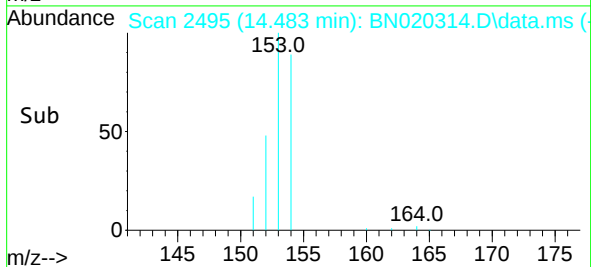
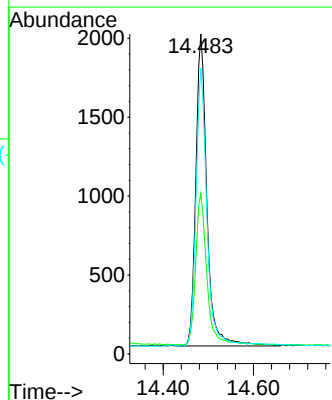
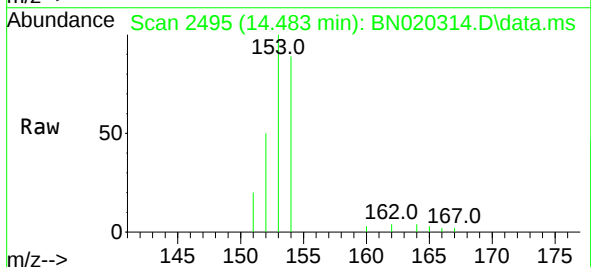
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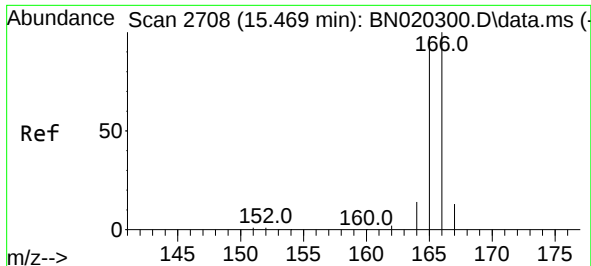
Tgt Ion:152 Resp: 4251
Ion Ratio Lower Upper
152 100
151 22.0 17.2 25.8
153 15.3 11.7 17.5



#11
Acenaphthene
Concen: 0.297 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

Tgt Ion:153 Resp: 3373
Ion Ratio Lower Upper
153 100
152 50.1 39.9 59.9
154 89.3 69.2 103.8

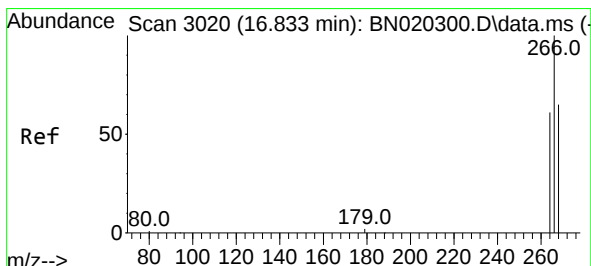
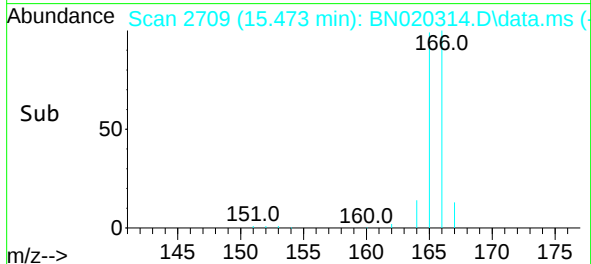
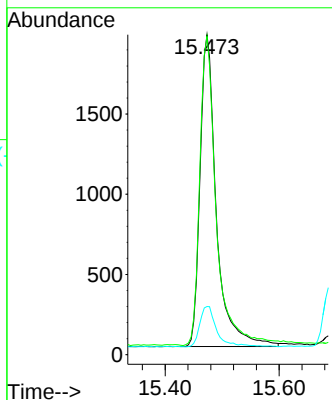
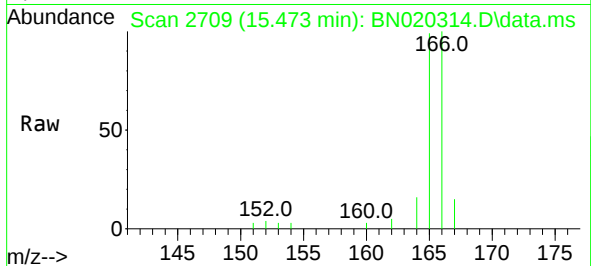




#12
 Fluorene
 Concen: 0.328 ng/ul
 RT: 15.473 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN020314.D
 Acq: 21 Jun 2022 19:04

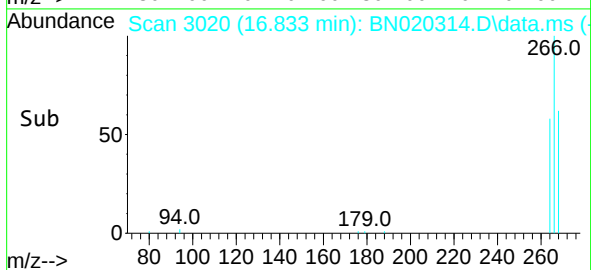
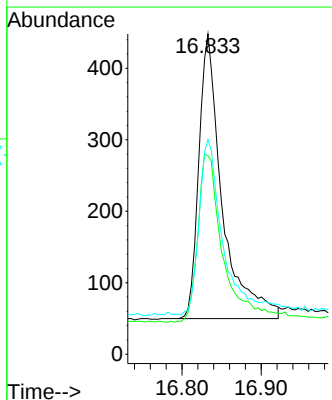
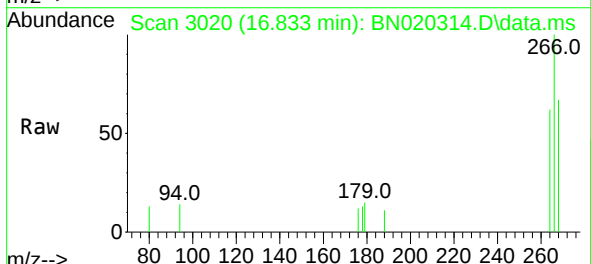
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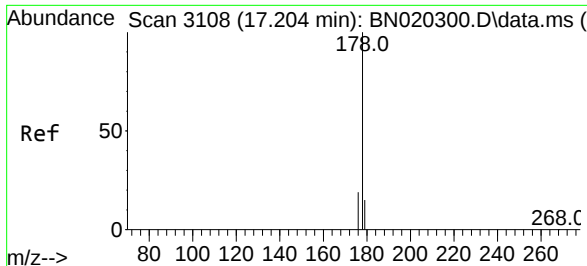
Tgt Ion:166 Resp: 3868
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.2 117.4
 167 15.0 12.1 18.1



#14
 Pentachlorophenol
 Concen: 0.736 ng/ul
 RT: 16.833 min Scan# 3020
 Delta R.T. -0.004 min
 Lab File: BN020314.D
 Acq: 21 Jun 2022 19:04

Tgt Ion:266 Resp: 815
 Ion Ratio Lower Upper
 266 100
 264 63.9 49.8 74.8
 268 62.6 51.8 77.6

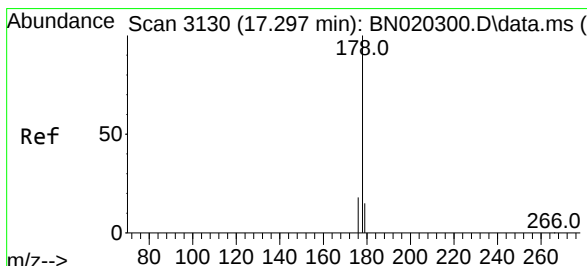
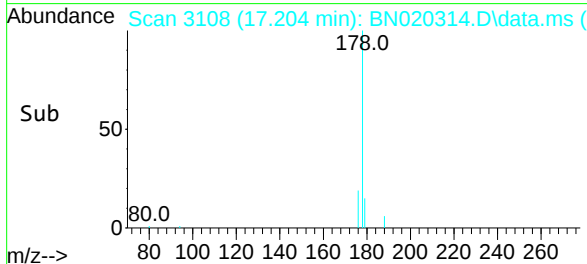
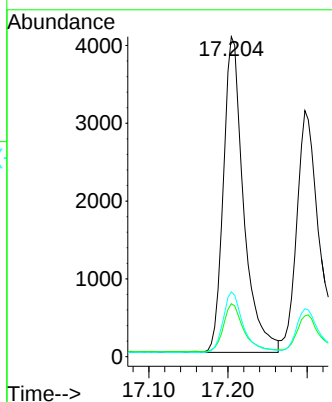
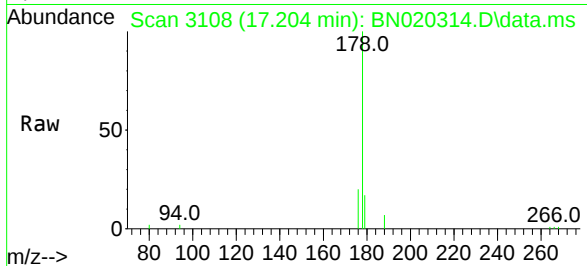




#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

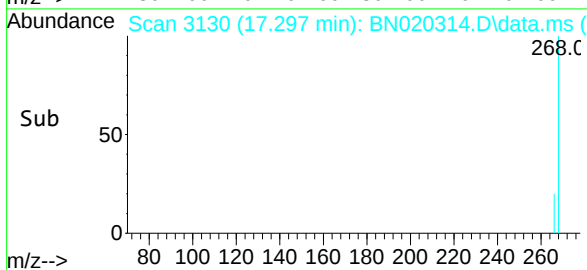
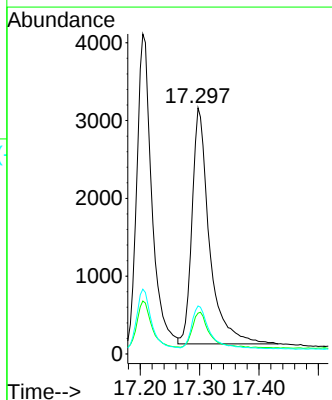
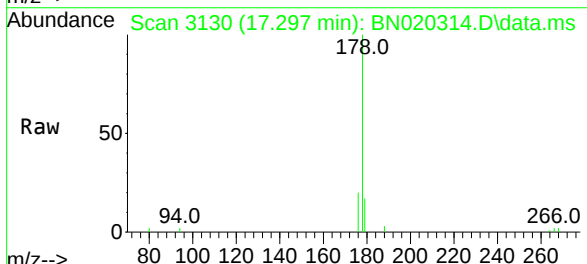
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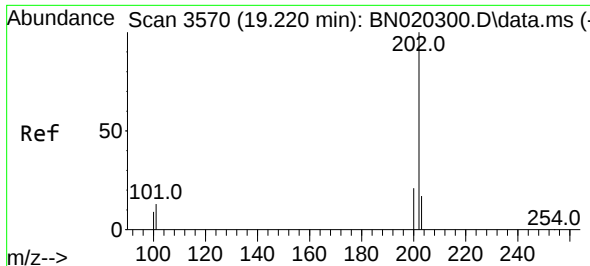
Tgt Ion:178 Resp: 7220
Ion Ratio Lower Upper
178 100
179 16.6 13.4 20.0
176 20.3 15.8 23.6



#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

Tgt Ion:178 Resp: 6164
Ion Ratio Lower Upper
178 100
179 16.6 13.8 20.8
176 19.5 15.6 23.4

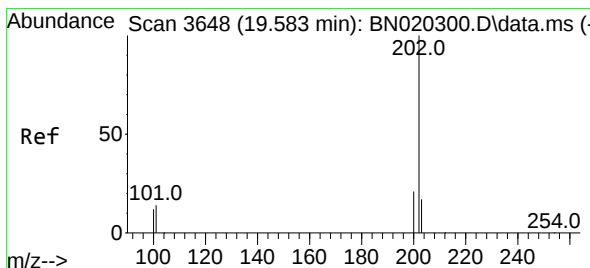
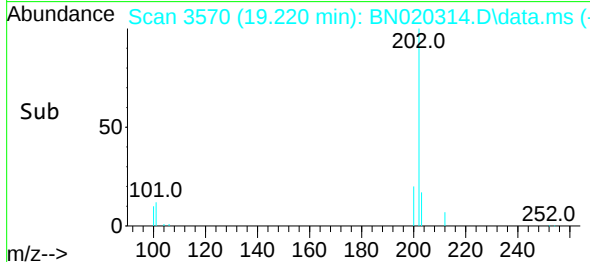
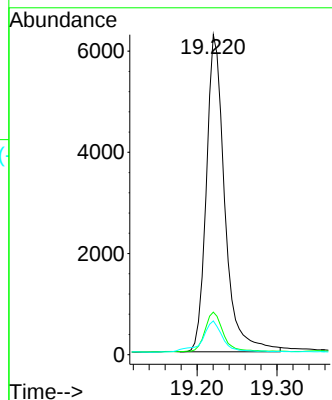
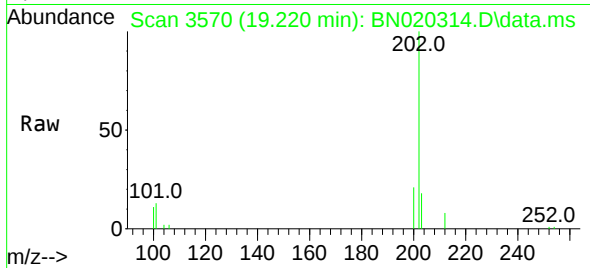




#19
Fluoranthene
Concen: 0.271 ng/ul
RT: 19.220 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

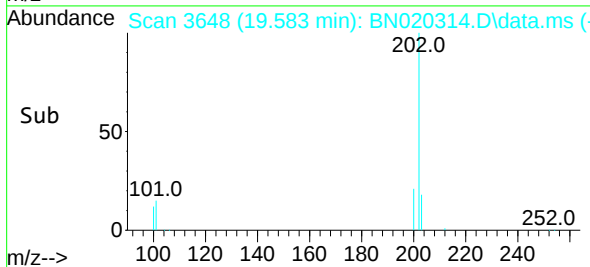
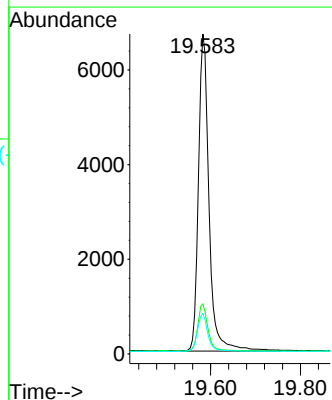
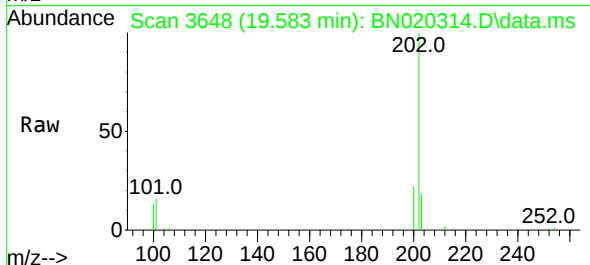
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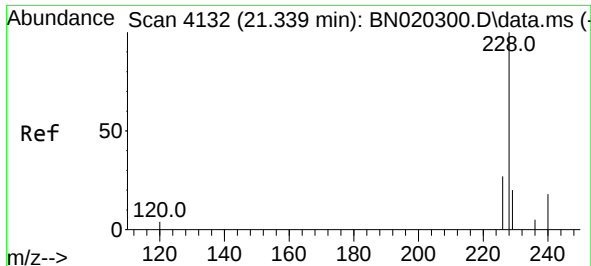
Tgt Ion:202 Resp: 10054
Ion Ratio Lower Upper
202 100
101 13.3 9.9 14.9
100 10.6 7.6 11.4



#20
Pyrene
Concen: 0.273 ng/ul
RT: 19.583 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

Tgt Ion:202 Resp: 10969
Ion Ratio Lower Upper
202 100
101 15.7 12.6 19.0
100 12.7 10.3 15.5

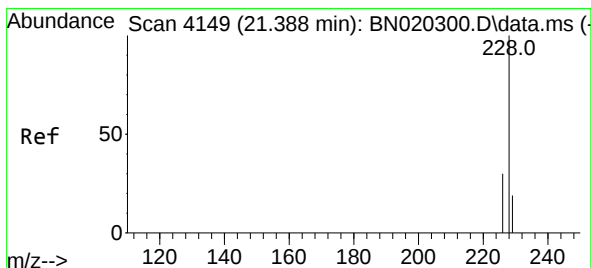
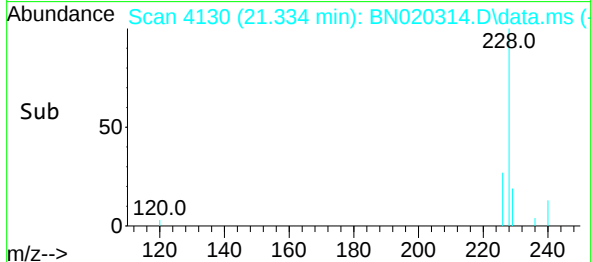
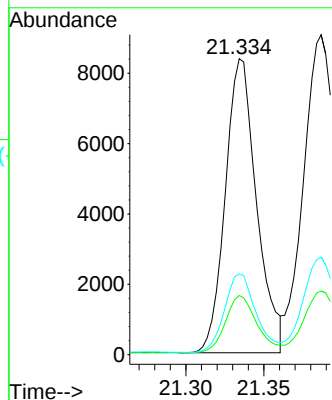
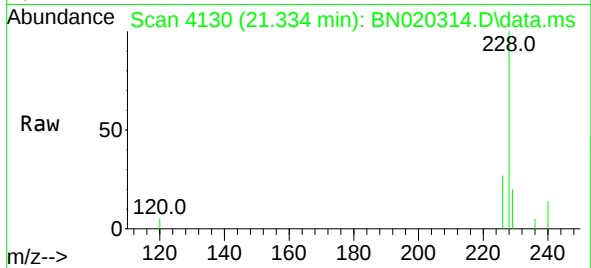




#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.334 min Scan# 4132
Delta R.T. -0.004 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

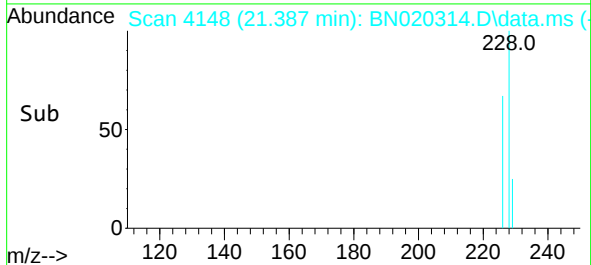
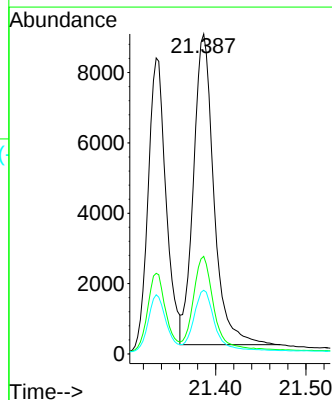
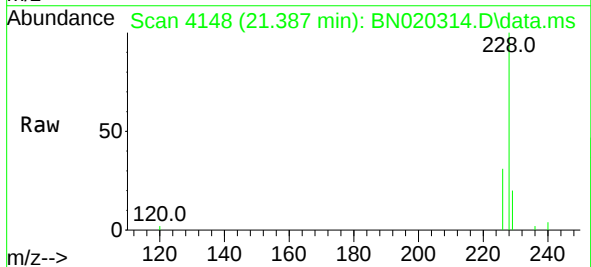
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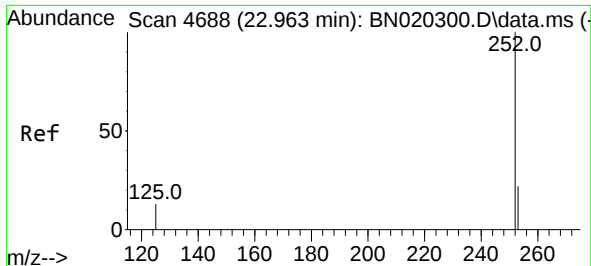
Tgt Ion:228 Resp: 11686
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.2 21.8 32.6



#22
Chrysene
Concen: 0.311 ng/ul
RT: 21.387 min Scan# 4148
Delta R.T. -0.001 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

Tgt Ion:228 Resp: 13848
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 19.9 16.0 24.0

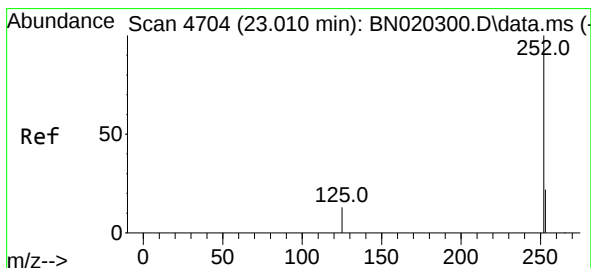
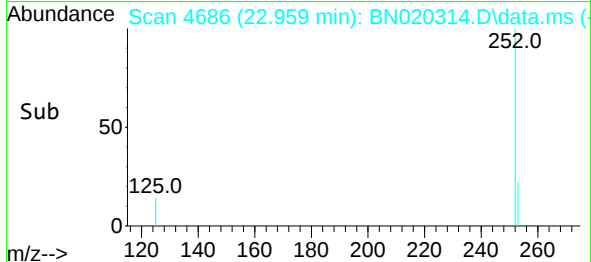
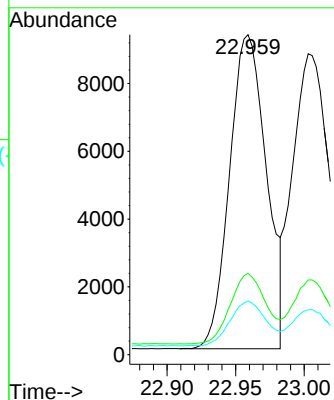
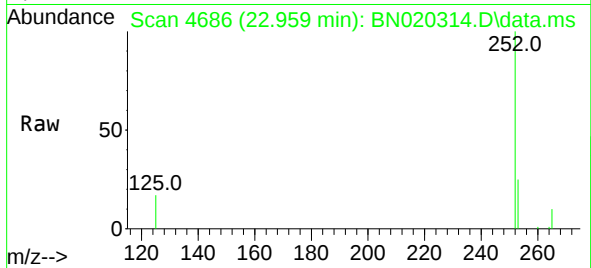




#24
Benzo(b)fluoranthene
Concen: 0.213 ng/ul
RT: 22.959 min Scan# 4686
Delta R.T. -0.007 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

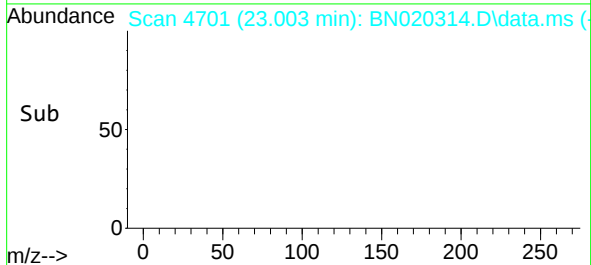
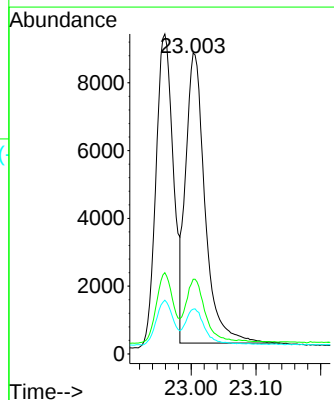
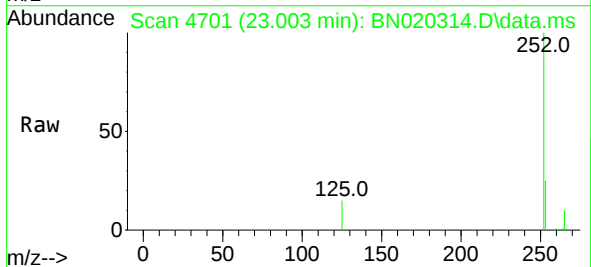
Instrument :
BNA_N
ClientSampleId :
SLCS572

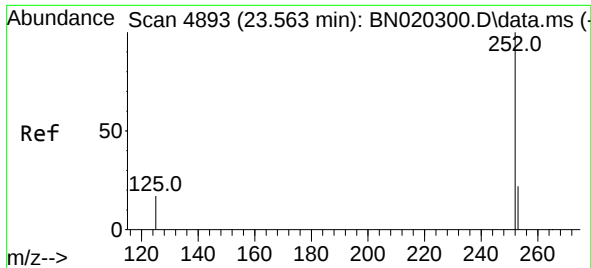
Tgt Ion:252 Resp: 17356
Ion Ratio Lower Upper
252 100
253 25.4 0.0 49.4
125 16.8 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.234 ng/ul
RT: 23.003 min Scan# 4701
Delta R.T. -0.007 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

Tgt Ion:252 Resp: 17775
Ion Ratio Lower Upper
252 100
253 24.9 20.2 30.4
125 14.9 12.3 18.5

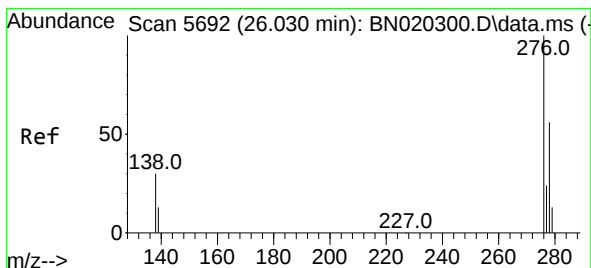
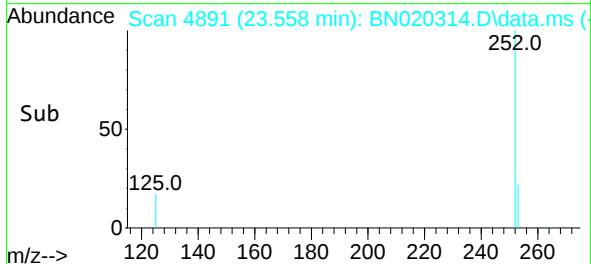
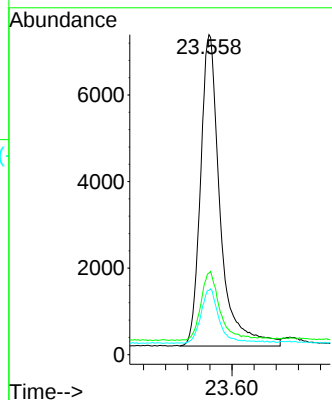
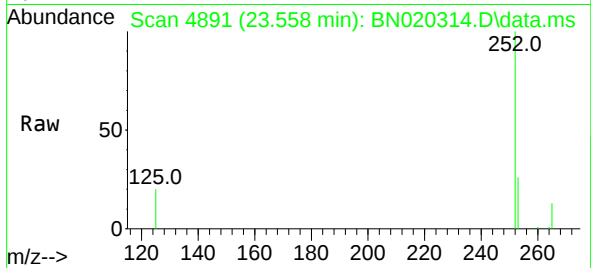




#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 23.558 min Scan# 4891
Delta R.T. -0.004 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

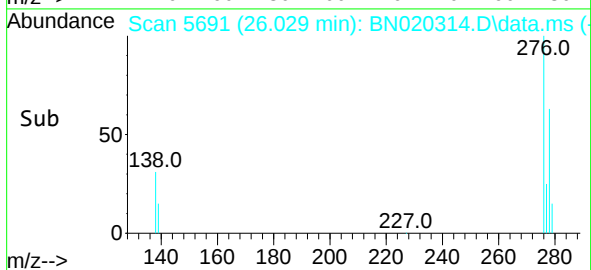
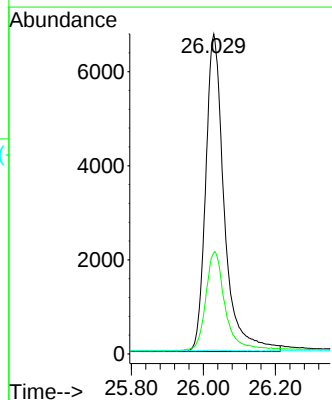
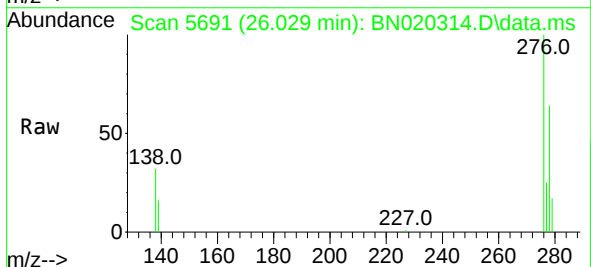
Instrument :
BNA_N
ClientSampleId :
SLCS572

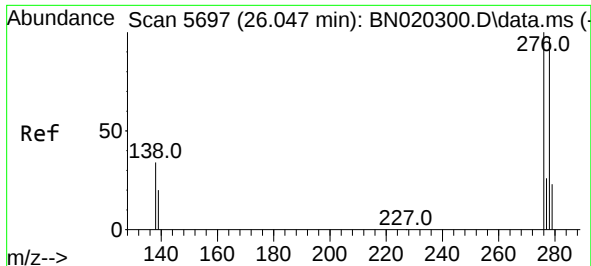
Tgt Ion:252 Resp: 17716
Ion Ratio Lower Upper
252 100
253 25.5 21.7 32.5
125 20.1 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng/ul
RT: 26.029 min Scan# 5691
Delta R.T. -0.012 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

Tgt Ion:276 Resp: 24169
Ion Ratio Lower Upper
276 100
138 32.6 26.5 39.7
227 0.1 0.0 0.0#

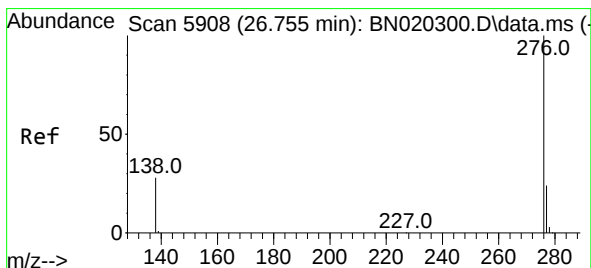
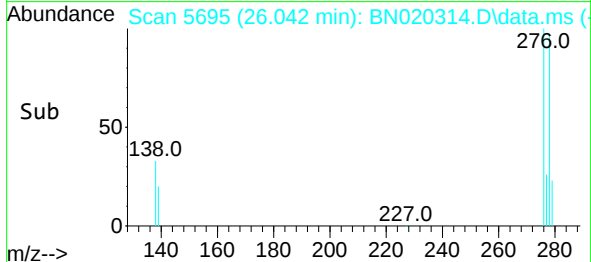
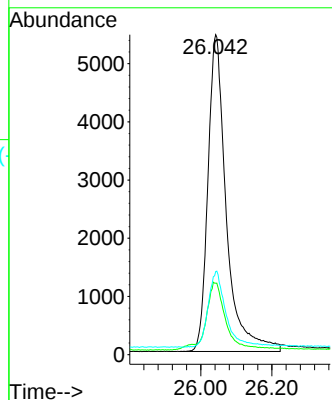
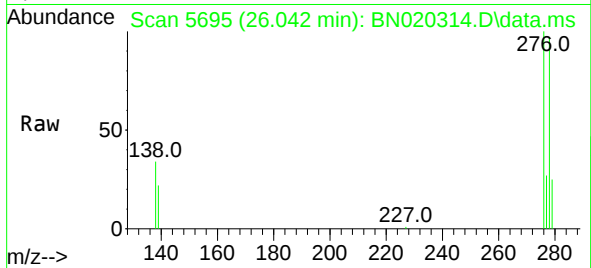




#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 26.042 min Scan# 5695
Delta R.T. -0.008 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

Instrument :
BNA_N
ClientSampleId :
SLCS572

Tgt Ion:278 Resp: 19564
Ion Ratio Lower Upper
278 100
139 22.4 18.2 27.2
279 26.0 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.295 ng/ul
RT: 26.750 min Scan# 5906
Delta R.T. -0.015 min
Lab File: BN020314.D
Acq: 21 Jun 2022 19:04

Tgt Ion:276 Resp: 21899
Ion Ratio Lower Upper
276 100
138 28.6 23.0 34.4
277 24.7 19.7 29.5

