

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
 Data File : BN020307.D
 Acq On : 21 Jun 2022 14:50
 Operator : CG/JU
 Sample : N3313-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YB7L2MS

Quant Time: Jun 22 00:08:18 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)

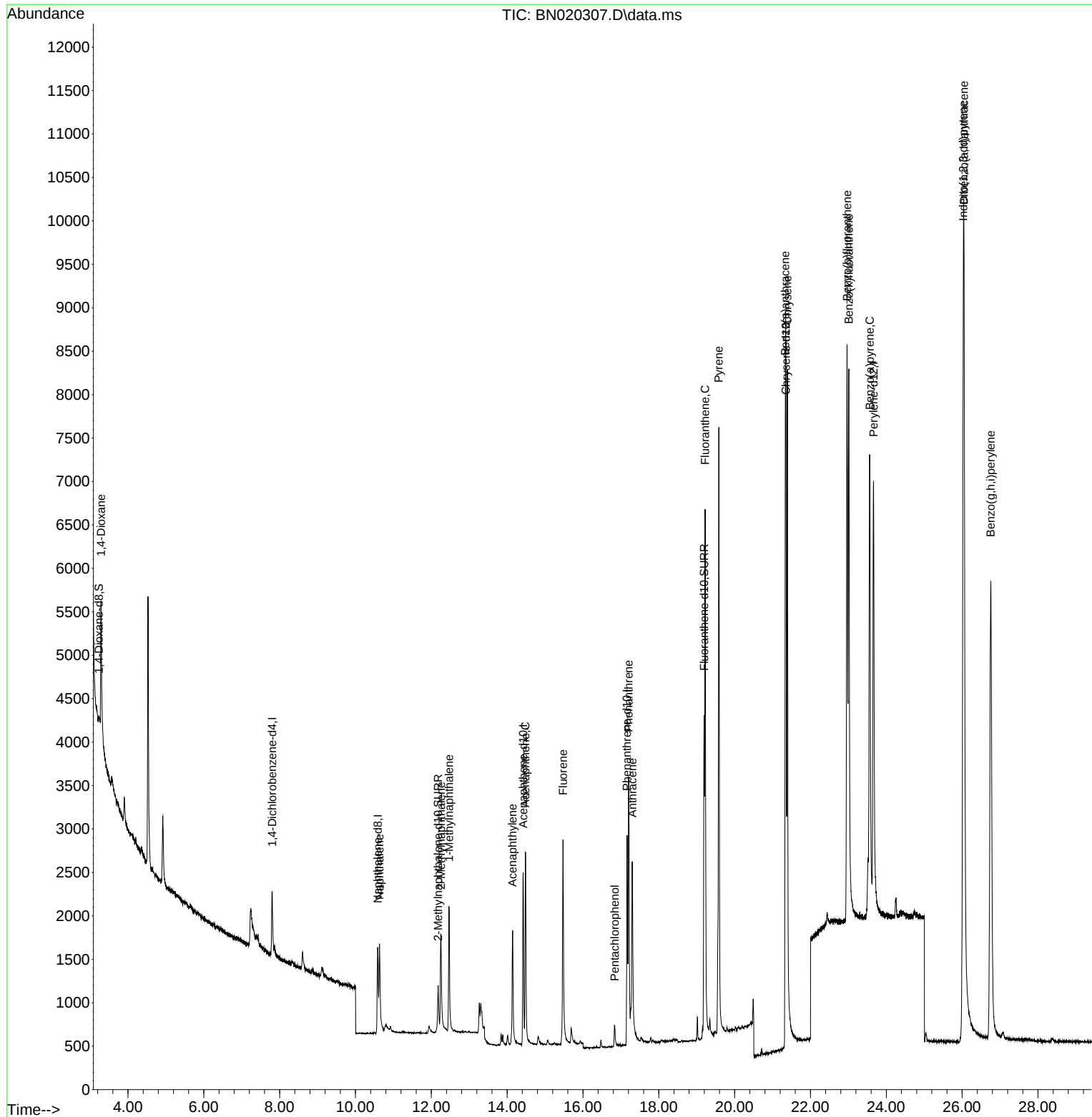
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	522	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	1863	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.423	164	1305	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	3400	0.400	ng/ul	0.00
17) Chrysene-d12	21.355	240	5941	0.400	ng/ul	0.00
23) Perylene-d12	23.664	264	7452	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	309	0.518	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.179	152	1049	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	4588	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	1252	2.182	ng/ul#	1
5) Naphthalene	10.634	128	1800	0.302	ng/ul#	92
7) 2-Methylnaphthalene	12.251	142	1090	0.283	ng/ul	100
8) 1-Methylnaphthalene	12.465	142	1243	0.328	ng/ul	99
10) Acenaphthylene	14.146	152	1971	0.316	ng/ul	95
11) Acenaphthene	14.483	153	1560	0.261	ng/ul	98
12) Fluorene	15.473	166	1926	0.312	ng/ul#	93
14) Pentachlorophenol	16.837	266	246	0.377	ng/ul	96
15) Phenanthrene	17.204	178	3953	0.321	ng/ul	98
16) Anthracene	17.301	178	3149	0.302	ng/ul	98
19) Fluoranthene	19.220	202	5885	0.245	ng/ul	95
20) Pyrene	19.583	202	6420	0.247	ng/ul	99
21) Benzo(a)anthracene	21.337	228	6494	0.282	ng/ul	99
22) Chrysene	21.390	228	7670	0.267	ng/ul	99
24) Benzo(b)fluoranthene	22.965	252	9390	0.176	ng/ul	94
25) Benzo(k)fluoranthene	23.012	252	9650	0.195	ng/ul	94
26) Benzo(a)pyrene	23.561	252	9280	0.275	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.032	276	13639	0.249	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.049	278	11303	0.258	ng/ul	99
29) Benzo(g,h,i)perylene	26.756	276	12502	0.258	ng/ul	99

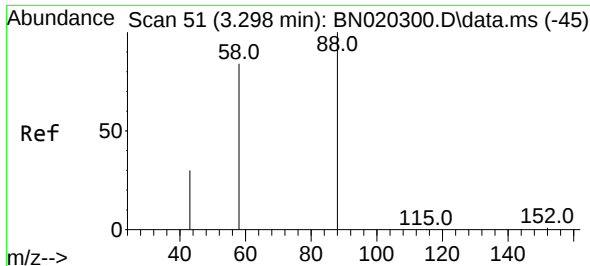
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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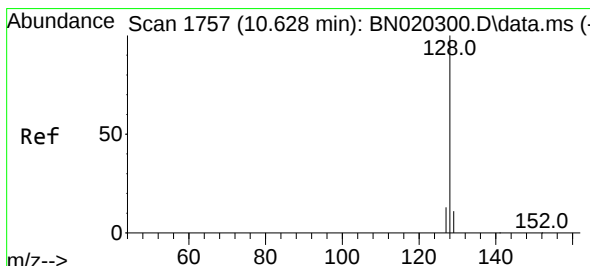
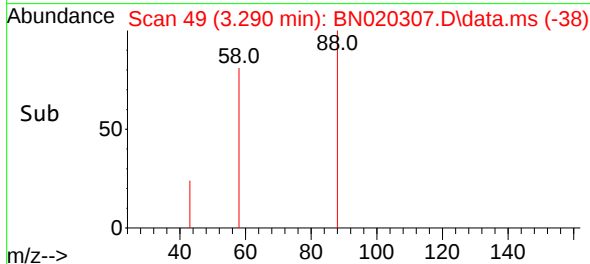
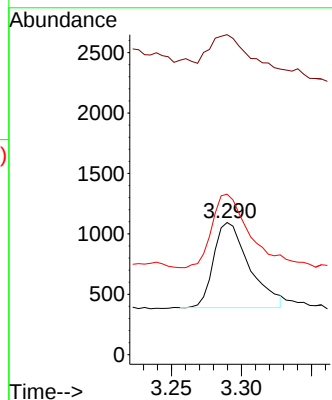
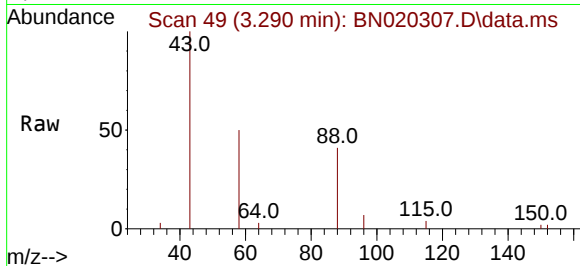




#2
 1,4-Dioxane
 Concen: 2.182 ng/ul
 RT: 3.290 min Scan# 49
 Delta R.T. -0.004 min
 Lab File: BN020307.D
 Acq: 21 Jun 2022 14:50

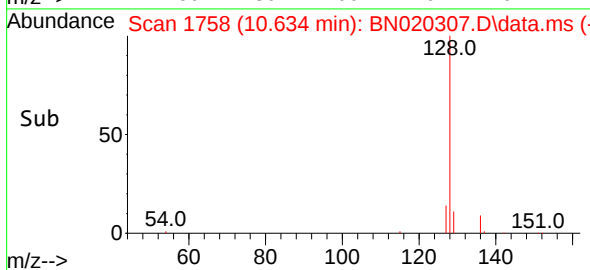
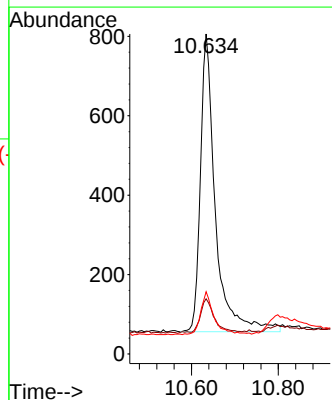
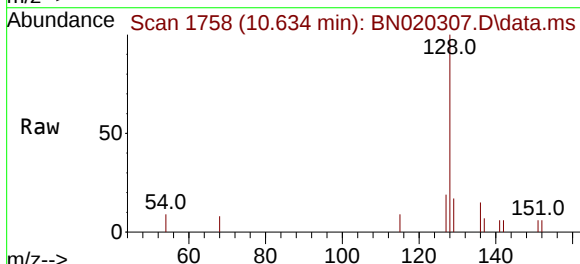
Instrument :
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 ClientSampleId :
 YB7L2MS

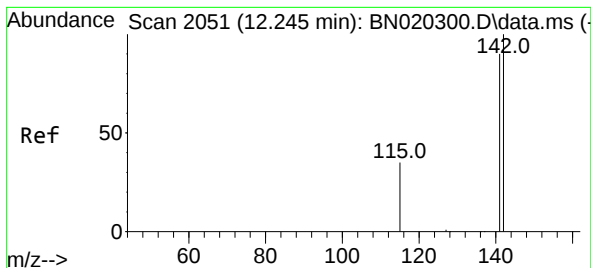
Tgt Ion: 88 Resp: 1252
 Ion Ratio Lower Upper
 88 100
 43 242.0 31.6 47.4#
 58 121.4 23.8 35.6#



#5
 Naphthalene
 Concen: 0.302 ng/ul
 RT: 10.634 min Scan# 1758
 Delta R.T. -0.000 min
 Lab File: BN020307.D
 Acq: 21 Jun 2022 14:50

Tgt Ion: 128 Resp: 1800
 Ion Ratio Lower Upper
 128 100
 129 17.2 11.0 16.4#
 127 19.5 12.8 19.2#

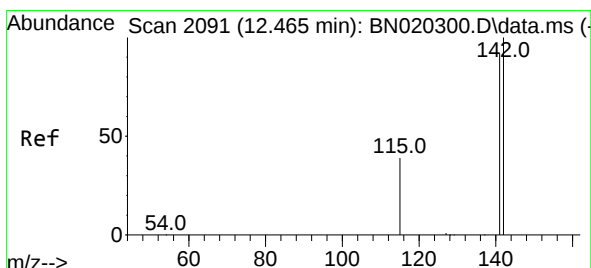
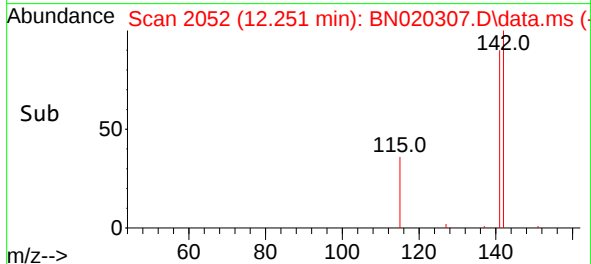
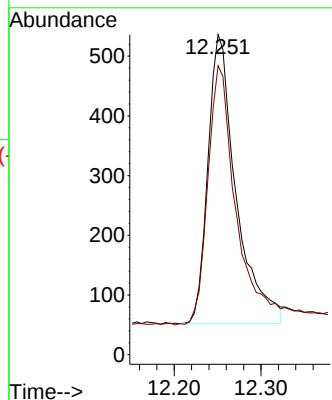
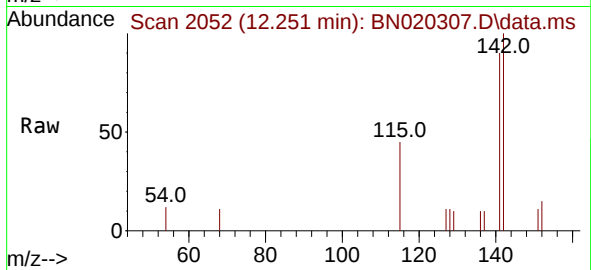




#7
2-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.251 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

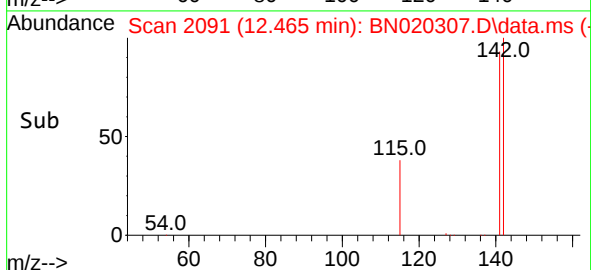
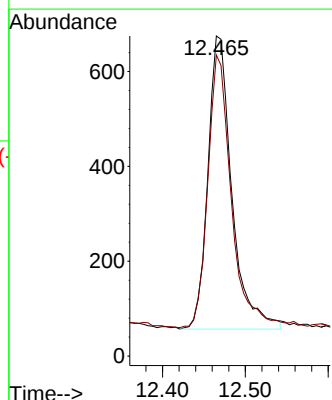
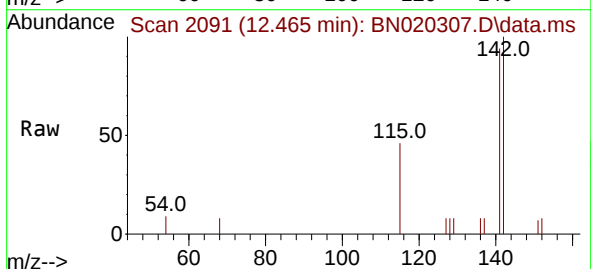
Instrument :
BNA_N
ClientSampleId :
YB7L2MS

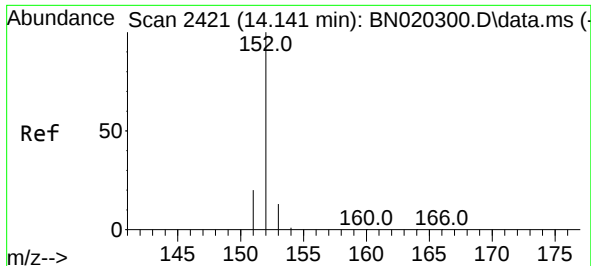
Tgt Ion:142 Resp: 1090
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

Tgt Ion:142 Resp: 1243
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.0

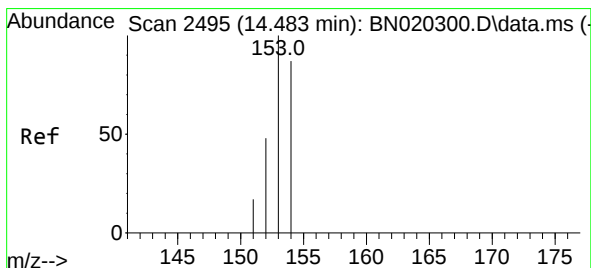
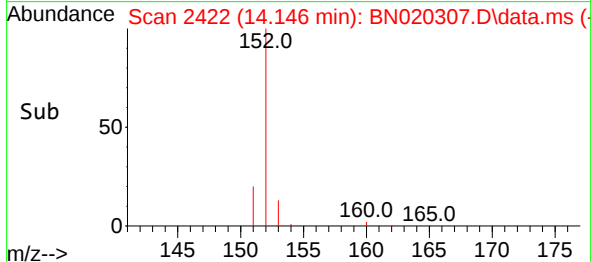
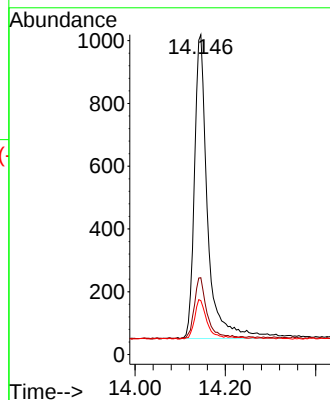
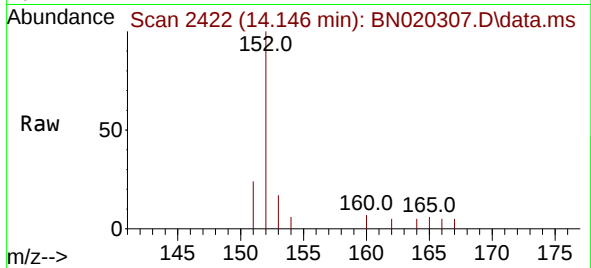




#10
Acenaphthylene
Concen: 0.316 ng/ul
RT: 14.146 min Scan# 2421
Delta R.T. 0.005 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

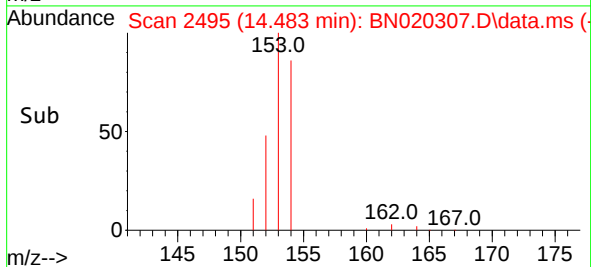
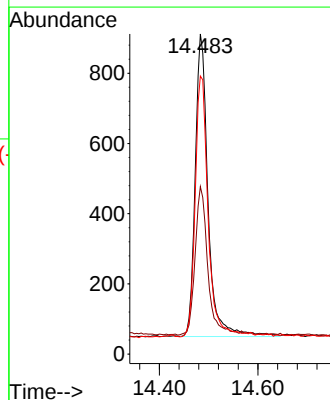
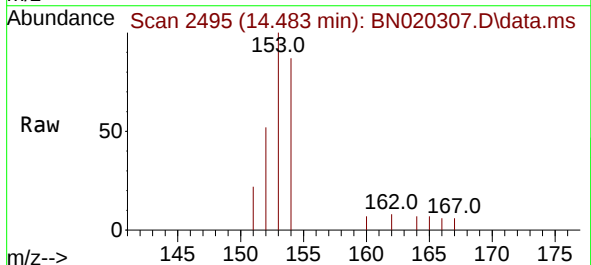
Instrument :
BNA_N
ClientSampleId :
YB7L2MS

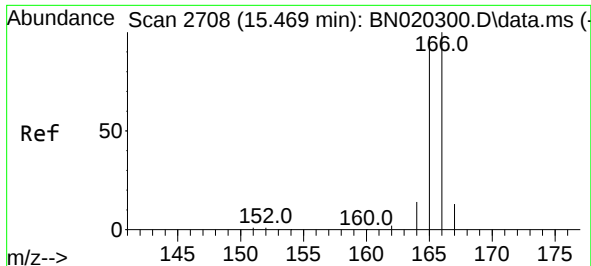
Tgt Ion:152 Resp: 1971
Ion Ratio Lower Upper
152 100
151 24.0 17.2 25.8
153 16.9 11.7 17.5



#11
Acenaphthene
Concen: 0.261 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

Tgt Ion:153 Resp: 1560
Ion Ratio Lower Upper
153 100
152 52.3 39.9 59.9
154 86.8 69.2 103.8

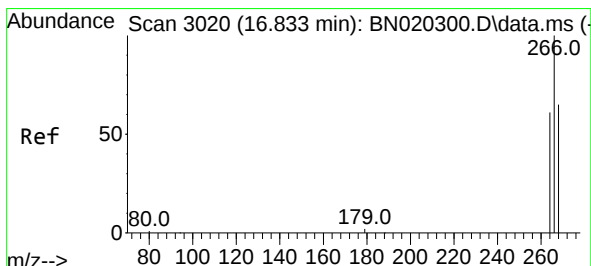
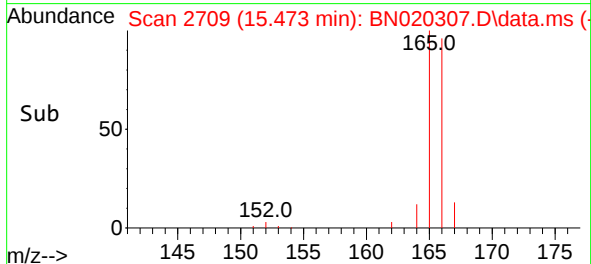
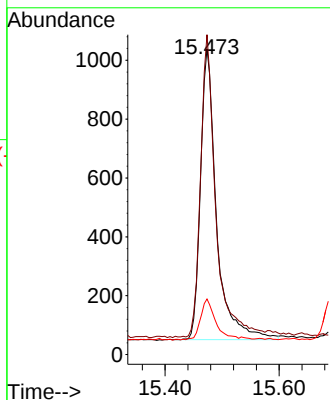
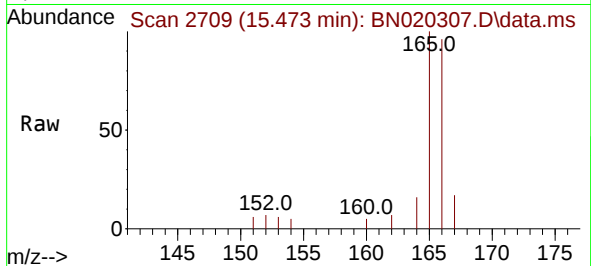




#12
 Fluorene
 Concen: 0.312 ng/ul
 RT: 15.473 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN020307.D
 Acq: 21 Jun 2022 14:50

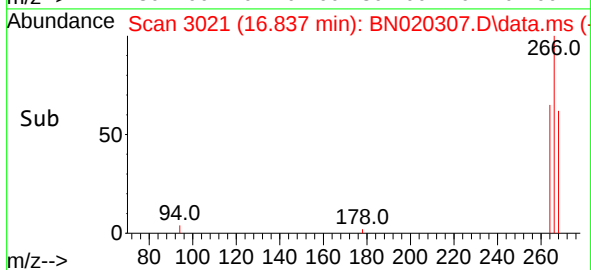
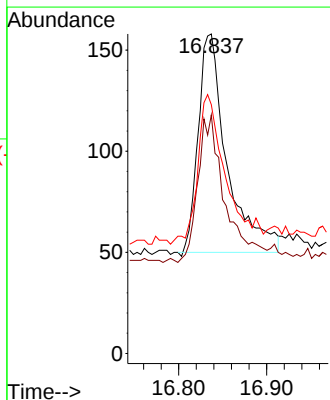
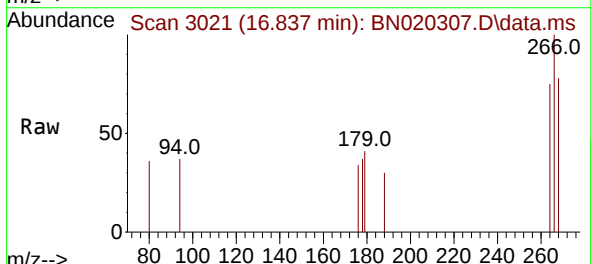
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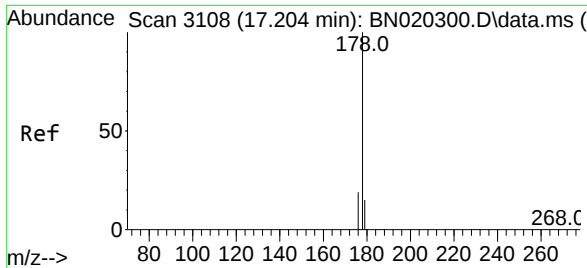
Tgt Ion:166 Resp: 1926
 Ion Ratio Lower Upper
 166 100
 165 104.6 78.2 117.4
 167 18.2 12.1 18.1#



#14
 Pentachlorophenol
 Concen: 0.377 ng/ul
 RT: 16.837 min Scan# 3021
 Delta R.T. -0.000 min
 Lab File: BN020307.D
 Acq: 21 Jun 2022 14:50

Tgt Ion:266 Resp: 246
 Ion Ratio Lower Upper
 266 100
 264 66.7 49.8 74.8
 268 66.7 51.8 77.6

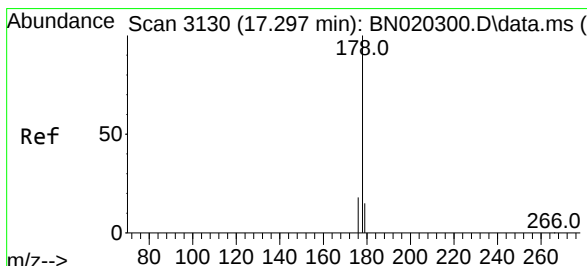
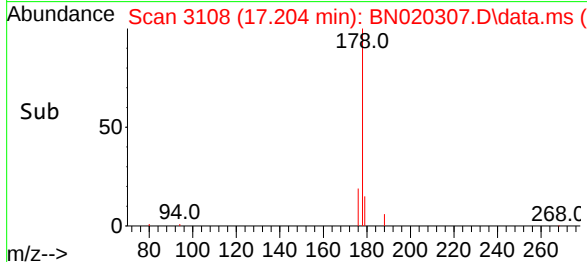
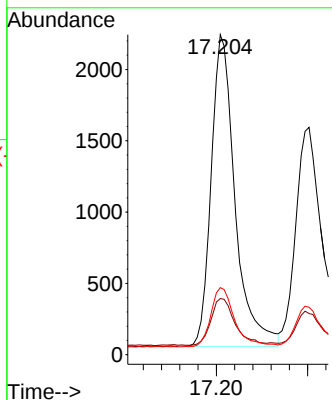
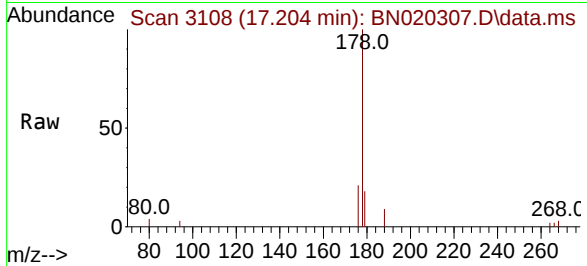




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

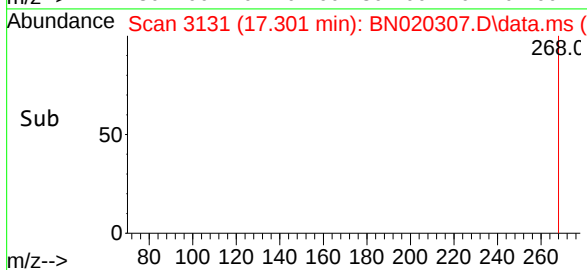
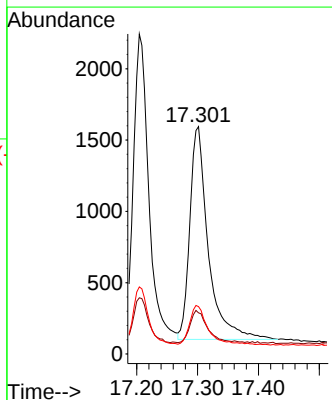
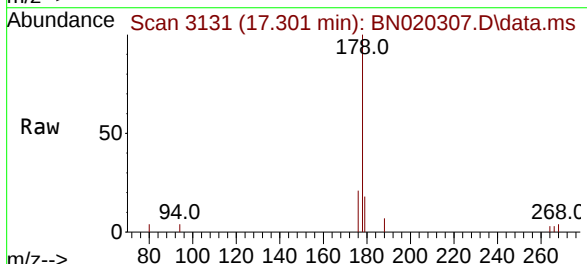
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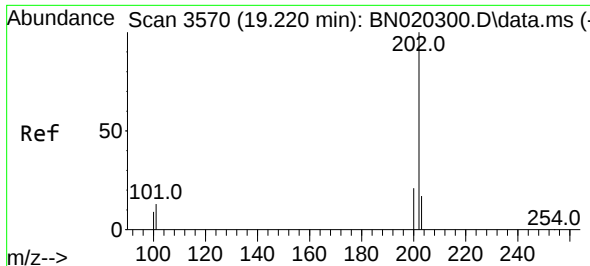
Tgt Ion:	178	Resp:	3953
Ion Ratio	Lower	Upper	
178	100		
179	17.6	13.4	20.0
176	20.9	15.8	23.6



#16
Anthracene
Concen: 0.302 ng/ul
RT: 17.301 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

Tgt Ion:	178	Resp:	3149
Ion Ratio	Lower	Upper	
178	100		
179	18.1	13.8	20.8
176	20.8	15.6	23.4

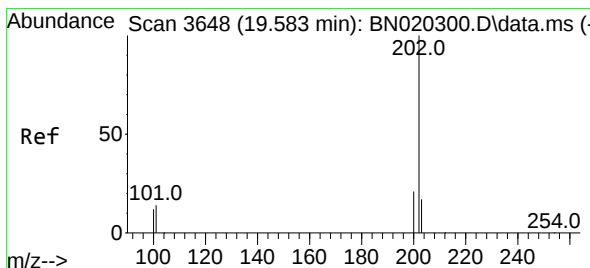
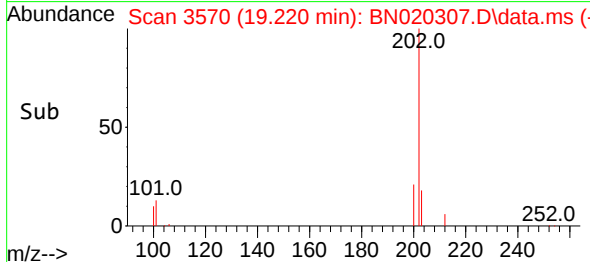
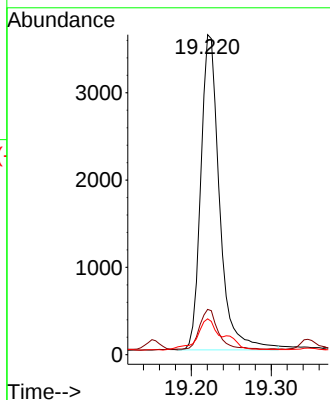
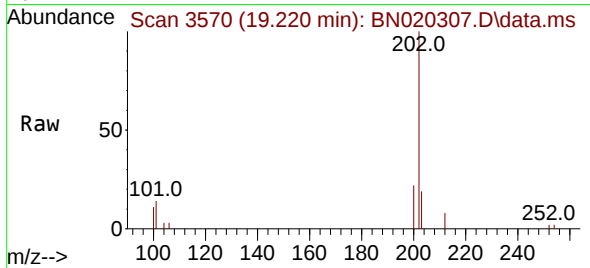




#19
Fluoranthene
Concen: 0.245 ng/ul
RT: 19.220 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

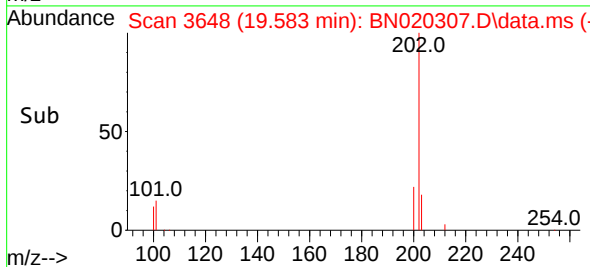
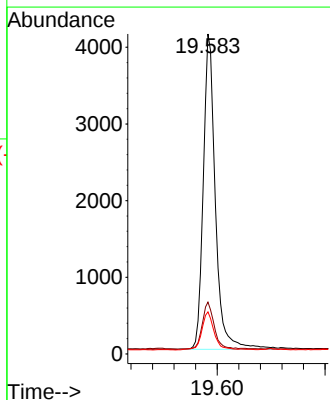
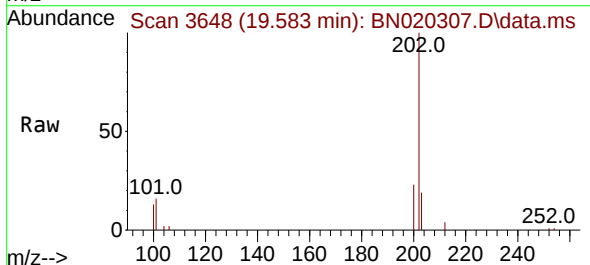
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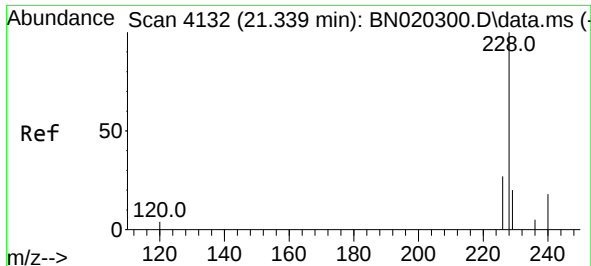
Tgt Ion:	202	Resp:	5885
Ion Ratio	Lower	Upper	
202	100		
101	14.2	9.9	14.9
100	11.2	7.6	11.4



#20
Pyrene
Concen: 0.247 ng/ul
RT: 19.583 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

Tgt Ion:	202	Resp:	6420
Ion Ratio	Lower	Upper	
202	100		
101	16.2	12.6	19.0
100	13.2	10.3	15.5

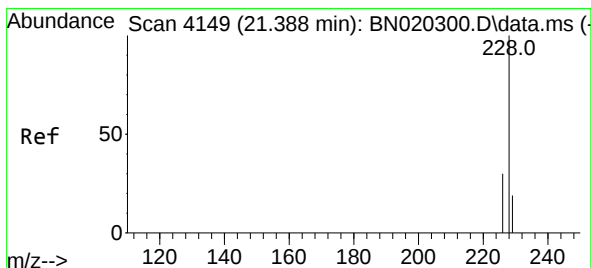
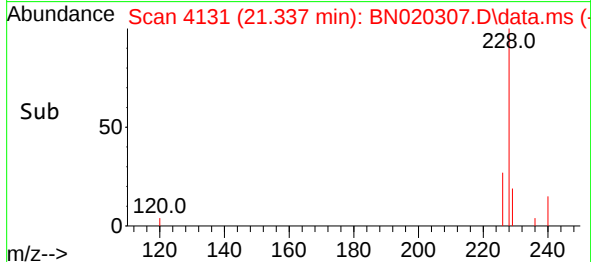
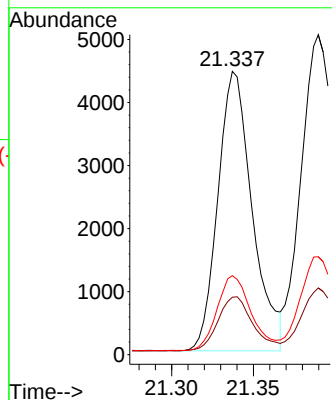
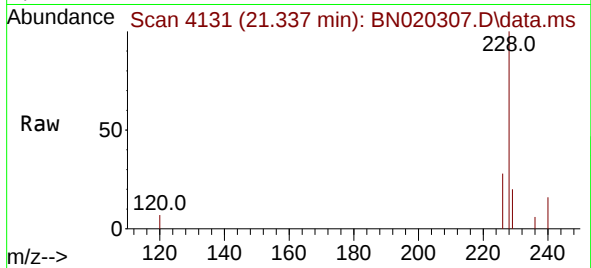




#21
Benzo(a)anthracene
Concen: 0.282 ng/ul
RT: 21.337 min Scan# 4132
Delta R.T. -0.001 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

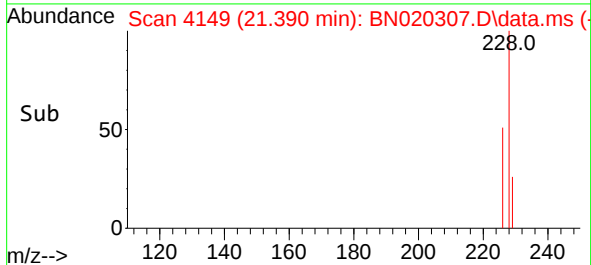
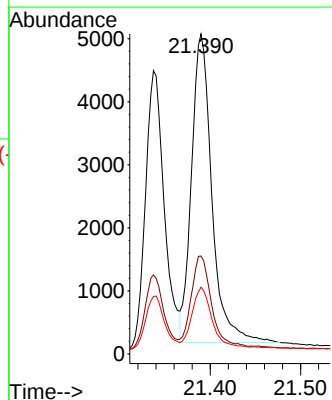
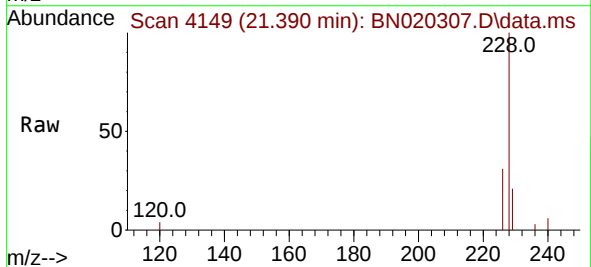
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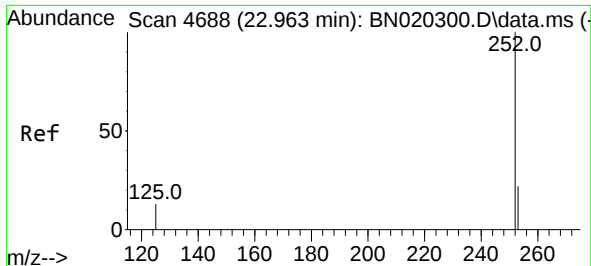
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Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 27.9 21.8 32.6



#22
Chrysene
Concen: 0.267 ng/ul
RT: 21.390 min Scan# 4149
Delta R.T. 0.002 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

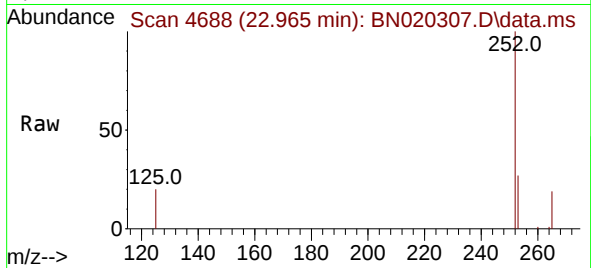
Tgt Ion:228 Resp: 7670
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 20.9 16.0 24.0



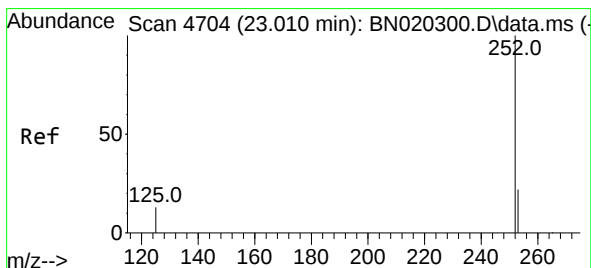
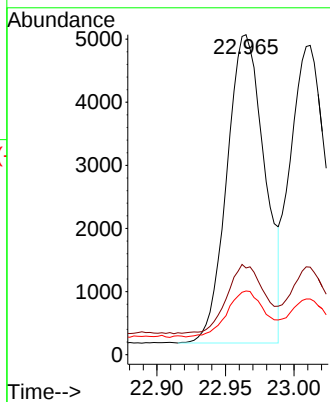
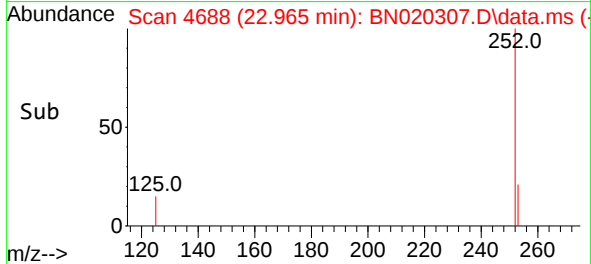


#24
Benzo(b)fluoranthene
Concen: 0.176 ng/ul
RT: 22.965 min Scan# 4688
Delta R.T. -0.001 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

Instrument :
BNA_N
ClientSampleId :
YB7L2MS

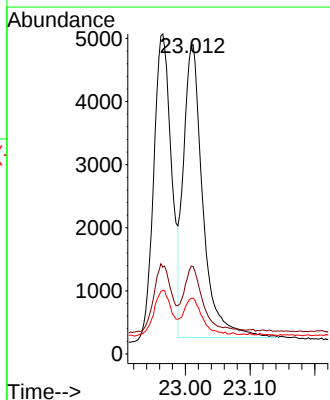
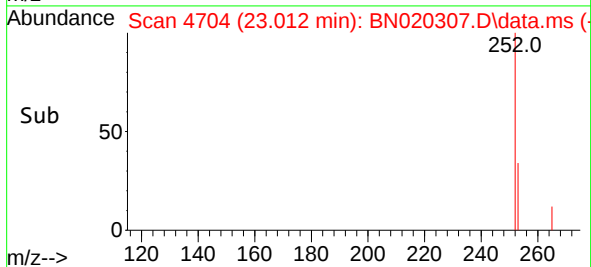
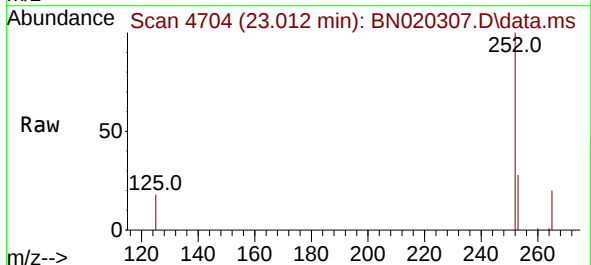


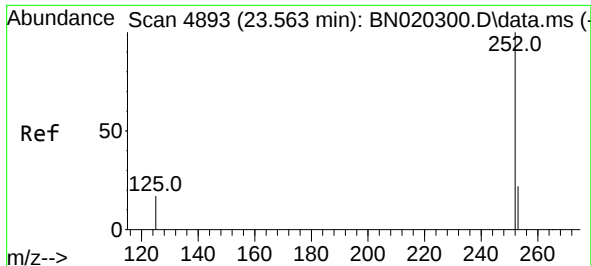
Tgt Ion:	252	Resp:	9390
Ion Ratio	Lower	Upper	
252	100		
253	27.1	0.0	49.4
125	19.9	0.0	33.2



#25
Benzo(k)fluoranthene
Concen: 0.195 ng/ul
RT: 23.012 min Scan# 4704
Delta R.T. 0.002 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

Tgt Ion:	252	Resp:	9650
Ion Ratio	Lower	Upper	
252	100		
253	28.3	20.2	30.4
125	18.0	12.3	18.5

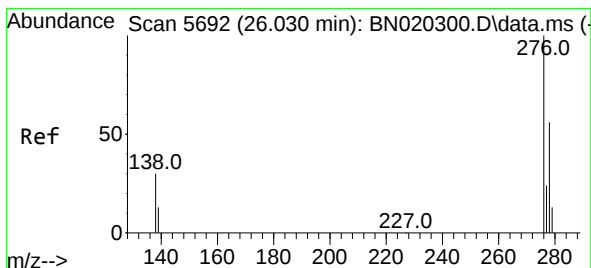
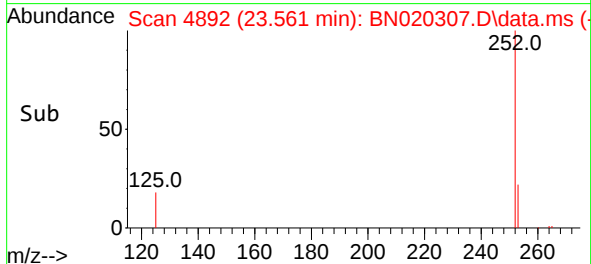
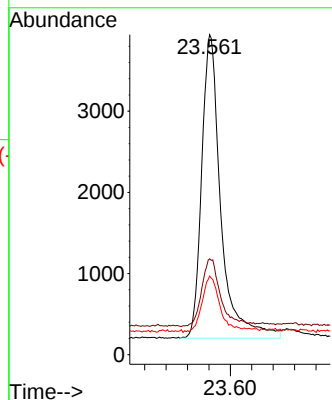
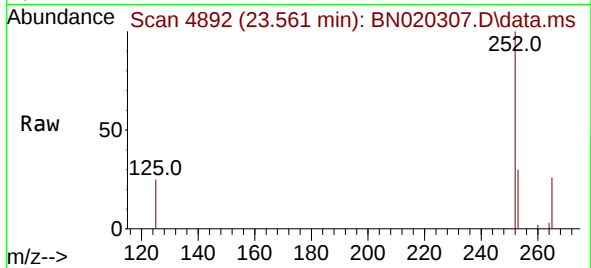




#26
Benzo(a)pyrene
Concen: 0.275 ng/ul
RT: 23.561 min Scan# 4892
Delta R.T. -0.001 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

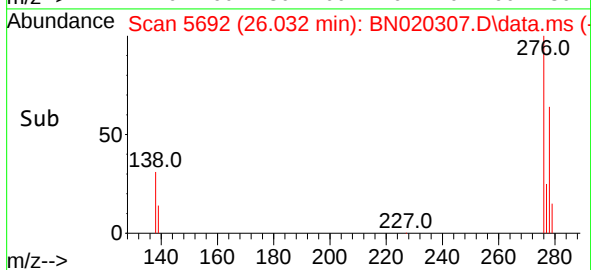
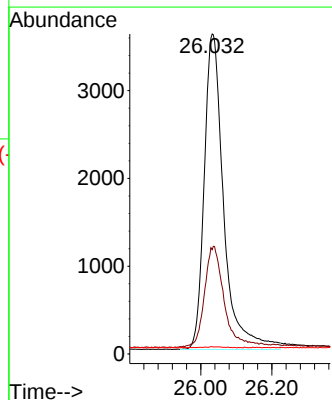
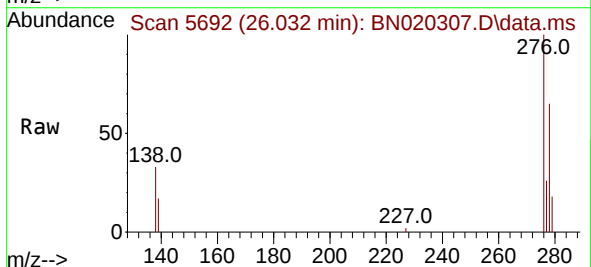
Instrument :
BNA_N
ClientSampleId :
YB7L2MS

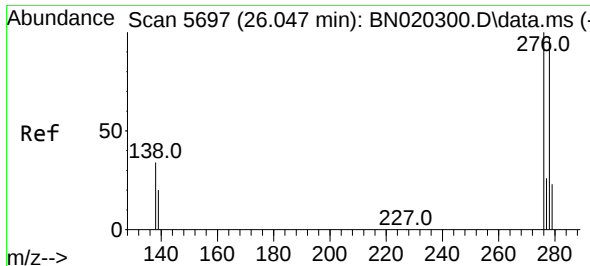
Tgt Ion:252 Resp: 9280
Ion Ratio Lower Upper
252 100
253 30.0 21.7 32.5
125 24.5 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.249 ng/ul
RT: 26.032 min Scan# 5692
Delta R.T. -0.008 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

Tgt Ion:276 Resp: 13639
Ion Ratio Lower Upper
276 100
138 33.4 26.5 39.7
227 0.3 0.0 0.0#

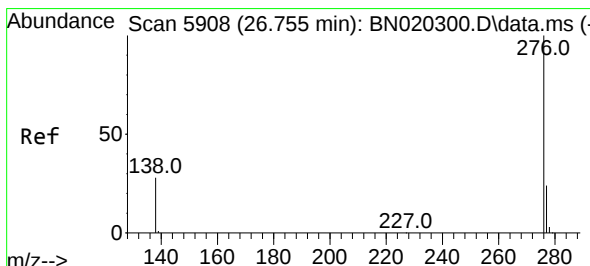
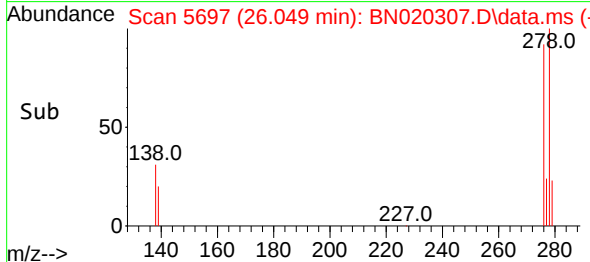
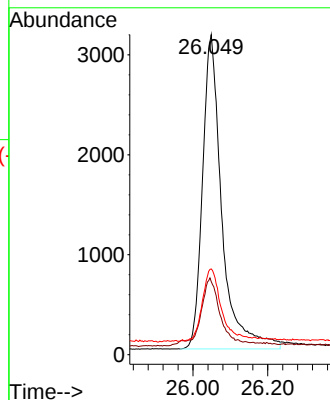
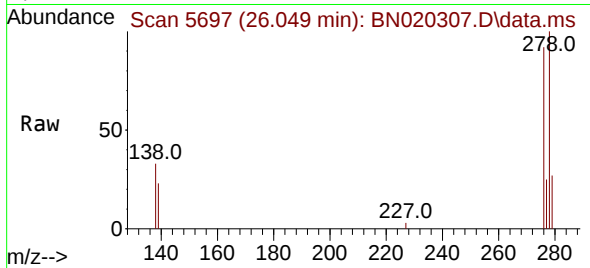




#28
Dibenzo(a,h)anthracene
Concen: 0.258 ng/ul
RT: 26.049 min Scan# 51
Delta R.T. -0.002 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

Instrument :
BNA_N
ClientSampleId :
YB7L2MS

Tgt Ion:278 Resp: 11303
Ion Ratio Lower Upper
278 100
139 22.8 18.2 27.2
279 26.8 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.258 ng/ul
RT: 26.756 min Scan# 5908
Delta R.T. -0.008 min
Lab File: BN020307.D
Acq: 21 Jun 2022 14:50

Tgt Ion:276 Resp: 12502
Ion Ratio Lower Upper
276 100
138 29.3 23.0 34.4
277 25.3 19.7 29.5

