

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071122\
 Data File : BN020703.D
 Acq On : 11 Jul 2022 15:25
 Operator : CG/JU
 Sample : N3577-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YB324MS

Quant Time: Jul 11 18:38:25 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)

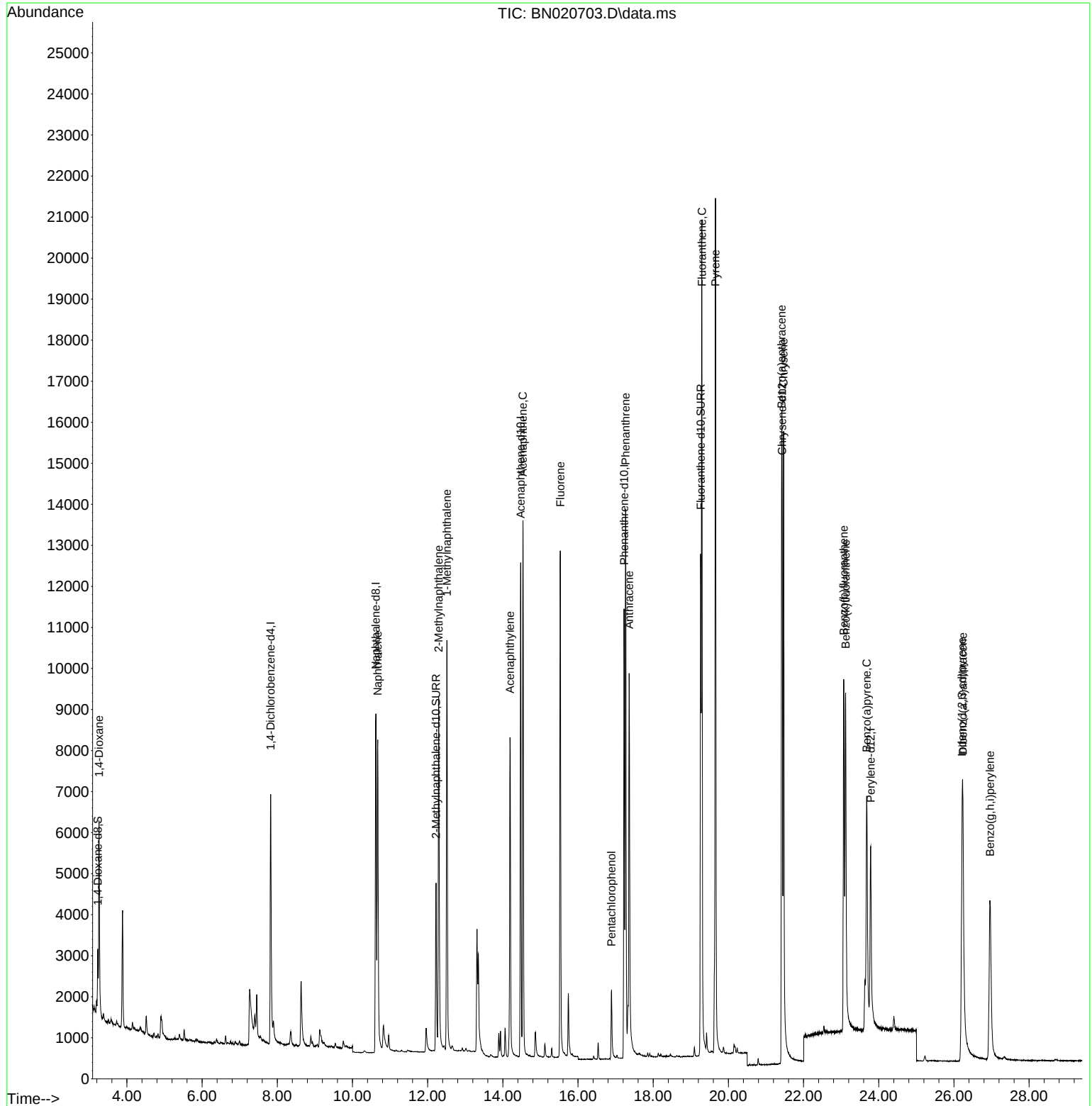
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4013	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	12747	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	7010	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	13383	0.400	ng/ul	0.00
17) Chrysene-d12	21.432	240	9728	0.400	ng/ul	-0.01
23) Perylene-d12	23.785	264	6724	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	1061	0.228	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	6106	0.292	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	14287	0.445	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.260	88	3123	0.658	ng/ul	88
5) Naphthalene	10.672	128	12167	0.309	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	7259	0.276	ng/ul	98
8) 1-Methylnaphthalene	12.514	142	7701	0.308	ng/ul	100
10) Acenaphthylene	14.192	152	9998	0.301	ng/ul	100
11) Acenaphthene	14.534	153	8102	0.305	ng/ul	99
12) Fluorene	15.529	166	8977	0.285	ng/ul	98
14) Pentachlorophenol	16.892	266	1397	0.518	ng/ul	99
15) Phenanthrene	17.268	178	15689	0.337	ng/ul	100
16) Anthracene	17.361	178	12545	0.312	ng/ul	100
19) Fluoranthene	19.295	202	18962	0.427	ng/ul	100
20) Pyrene	19.657	202	19431	0.422	ng/ul	98
21) Benzo(a)anthracene	21.417	228	12467	0.357	ng/ul	100
22) Chrysene	21.470	228	15089	0.388	ng/ul	100
24) Benzo(b)fluoranthene	23.068	252	12238	0.393	ng/ul	99
25) Benzo(k)fluoranthene	23.118	252	12674	0.403	ng/ul	99
26) Benzo(a)pyrene	23.680	252	10806	0.382	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.218	276	11043	0.392	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.238	278	8887	0.391	ng/ul	98
29) Benzo(g,h,i)perylene	26.959	276	10029	0.415	ng/ul	100

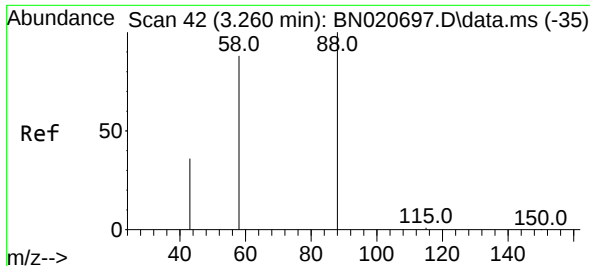
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 02 00:47:40 2022
Response via : Initial Calibration

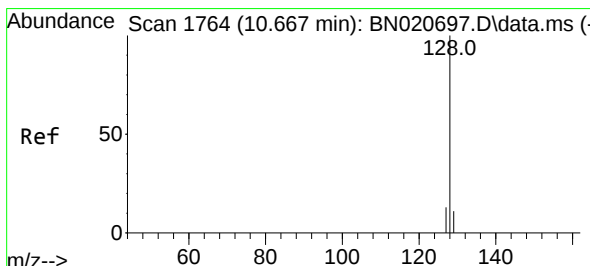
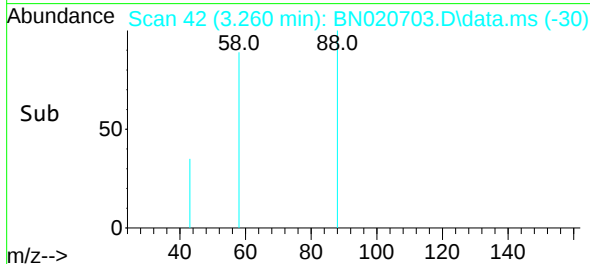
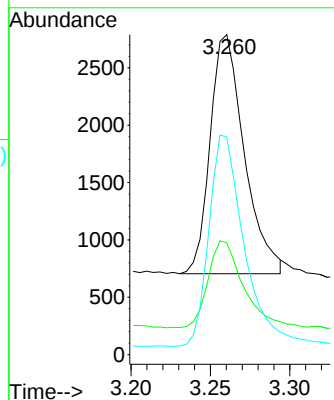
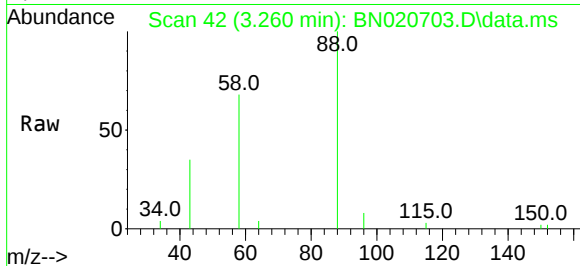




#2
 1,4-Dioxane
 Concen: 0.658 ng/ul
 RT: 3.260 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN020703.D
 Acq: 11 Jul 2022 15:25

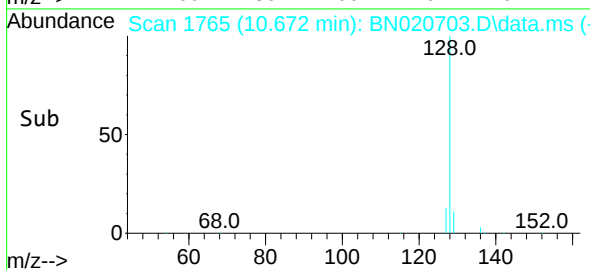
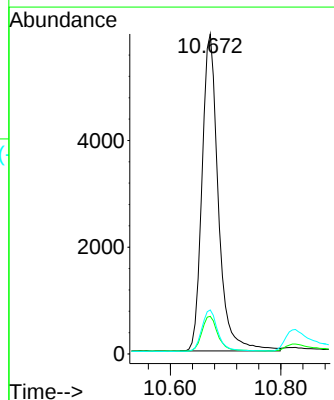
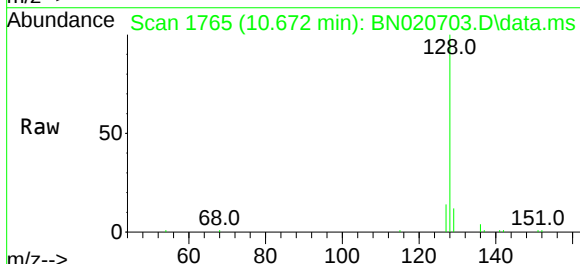
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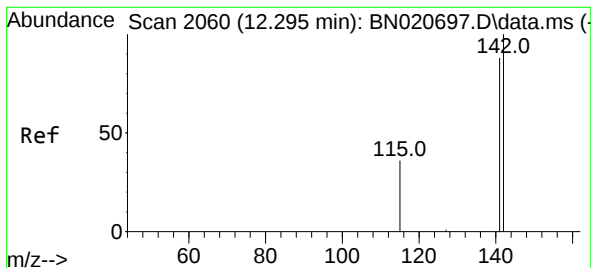
Tgt Ion: 88 Resp: 3123
 Ion Ratio Lower Upper
 88 100
 43 34.9 32.5 48.7
 58 68.0 46.2 69.2



#5
 Naphthalene
 Concen: 0.309 ng/ul
 RT: 10.672 min Scan# 1765
 Delta R.T. -0.006 min
 Lab File: BN020703.D
 Acq: 11 Jul 2022 15:25

Tgt Ion: 128 Resp: 12167
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.5 14.3
 127 13.7 11.3 16.9

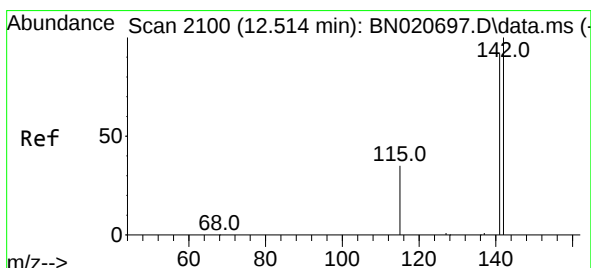
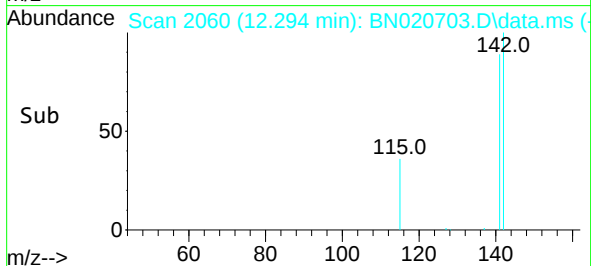
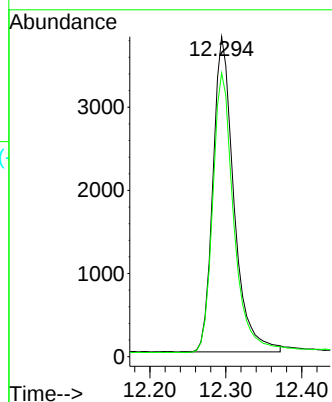
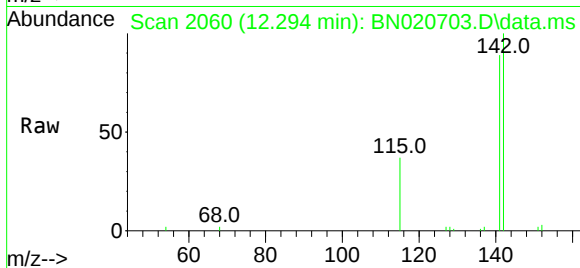




#7
2-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

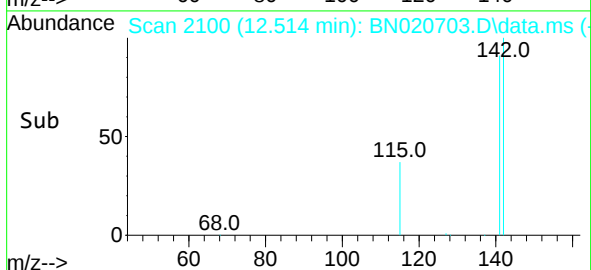
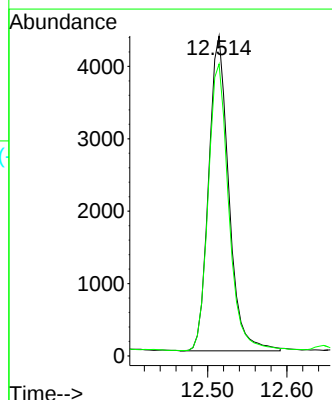
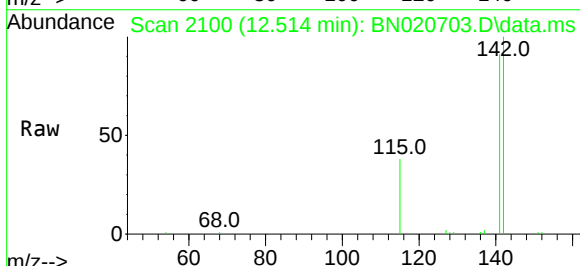
Instrument :
BNA_N
ClientSampleId :
YB324MS

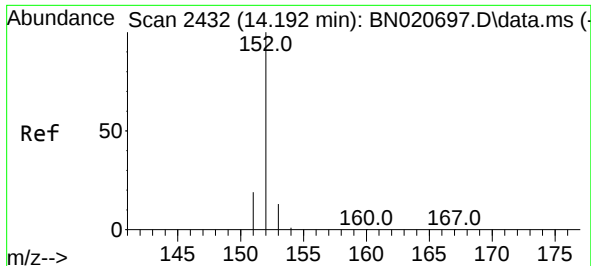
Tgt Ion:142 Resp: 7259
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

Tgt Ion:142 Resp: 7701
Ion Ratio Lower Upper
142 100
141 92.2 73.7 110.5

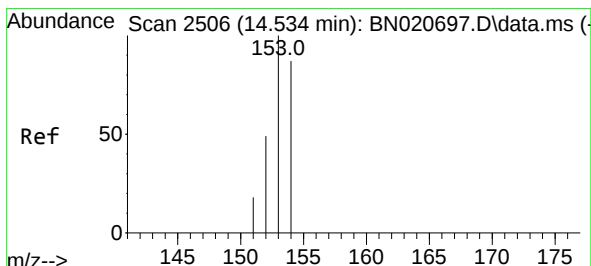
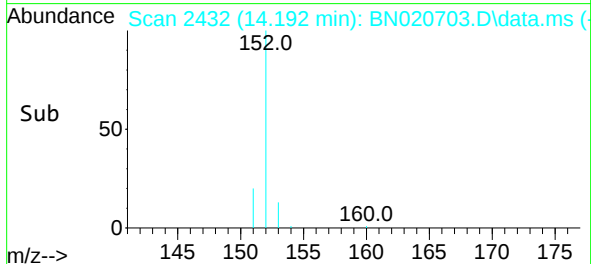
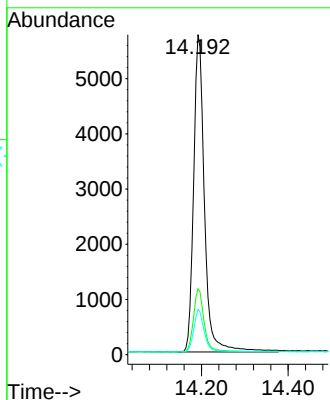
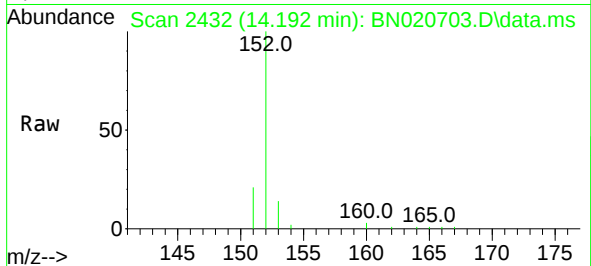




#10
Acenaphthylene
Concen: 0.301 ng/u1
RT: 14.192 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

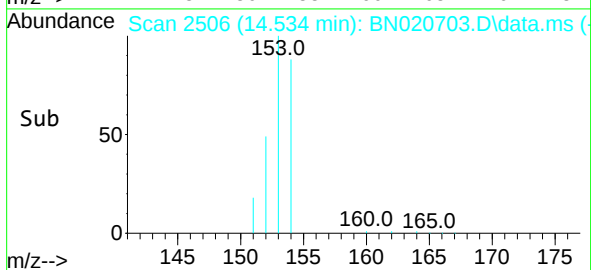
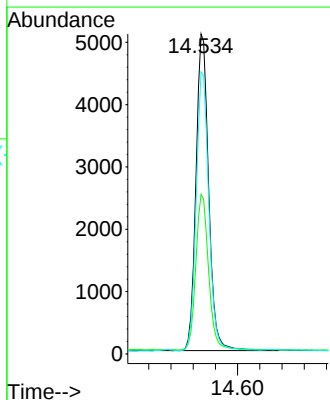
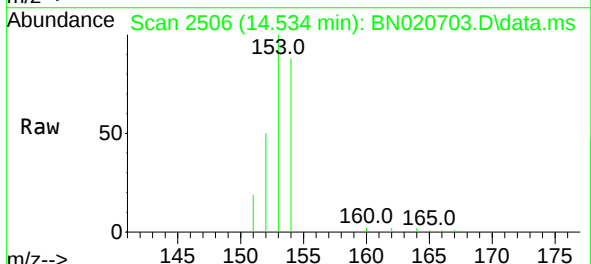
Instrument :
BNA_N
ClientSampleId :
YB324MS

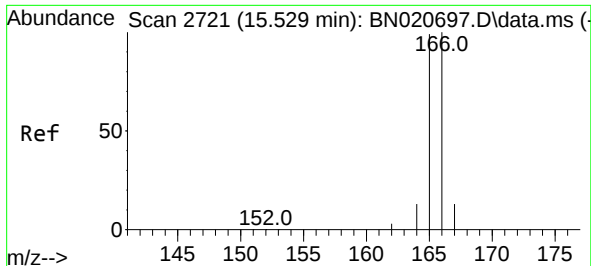
Tgt Ion:152 Resp: 9998
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.305 ng/u1
RT: 14.534 min Scan# 2506
Delta R.T. -0.009 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

Tgt Ion:153 Resp: 8102
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 88.2 70.0 105.0

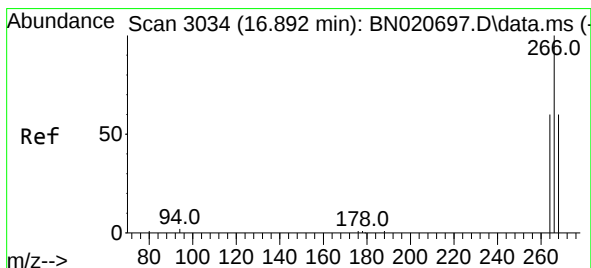
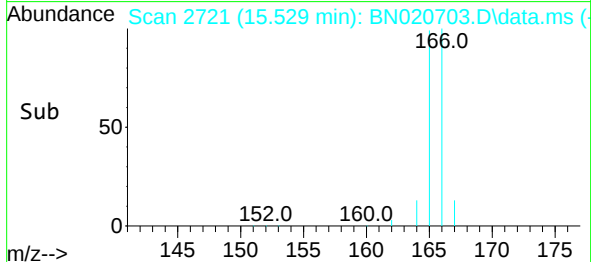
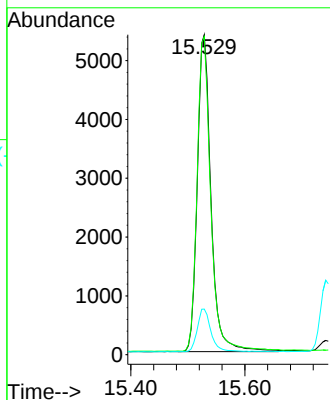
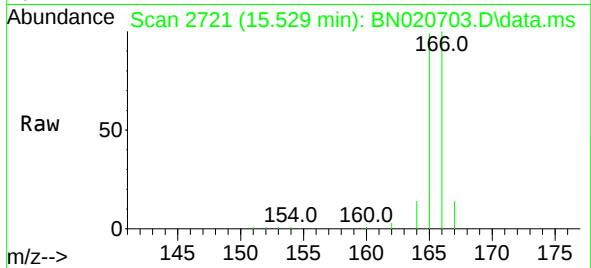




#12
Fluorene
Concen: 0.285 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

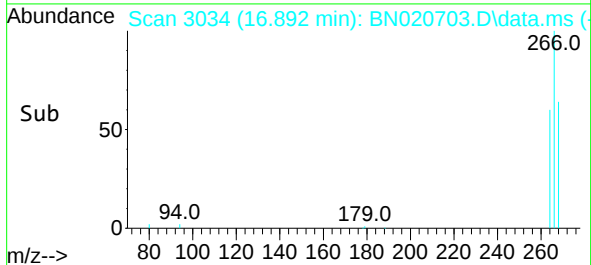
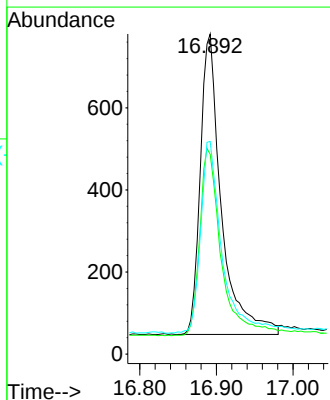
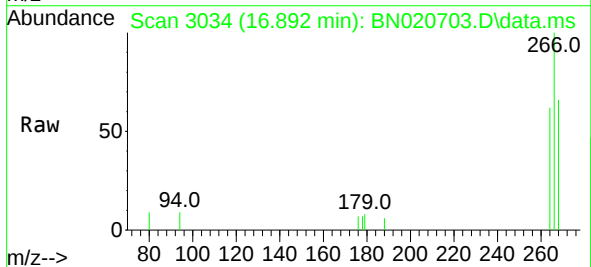
Instrument :
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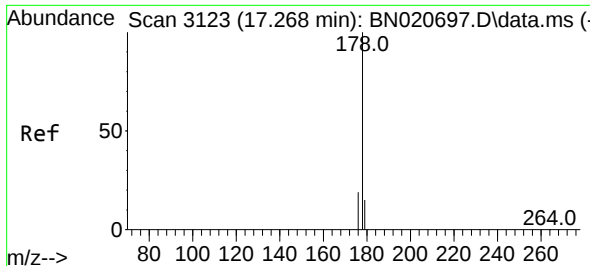
Tgt Ion:166 Resp: 8977
Ion Ratio Lower Upper
166 100
165 99.4 78.2 117.2
167 14.3 11.3 16.9



#14
Pentachlorophenol
Concen: 0.518 ng/ul
RT: 16.892 min Scan# 3034
Delta R.T. -0.013 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

Tgt Ion:266 Resp: 1397
Ion Ratio Lower Upper
266 100
264 63.6 51.6 77.4
268 64.8 51.5 77.3

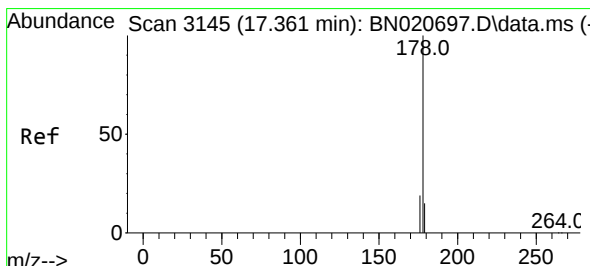
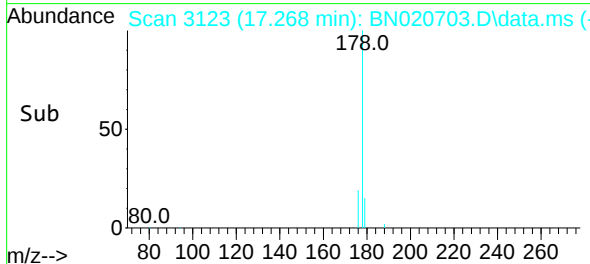
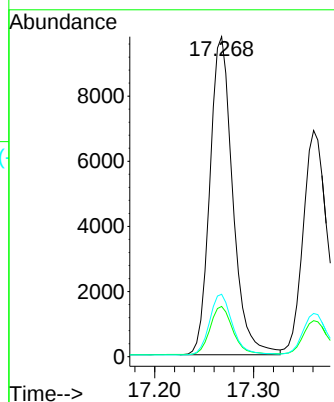
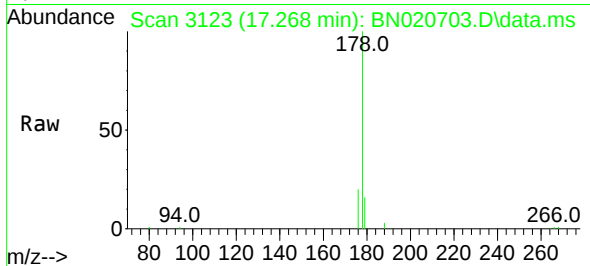




#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.268 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

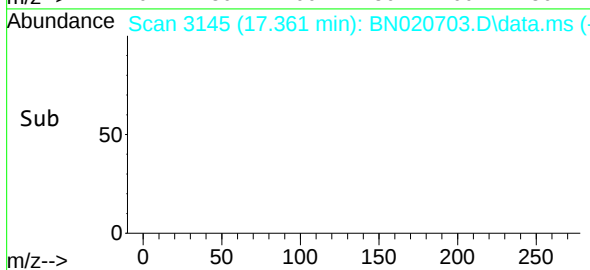
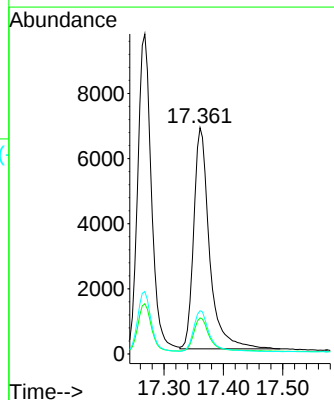
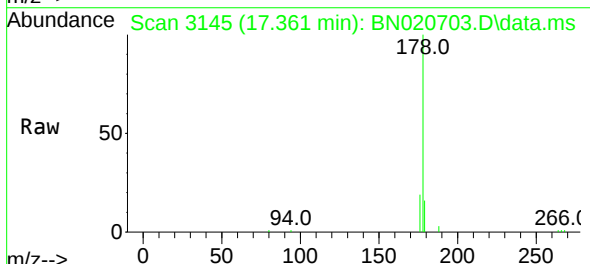
Instrument :
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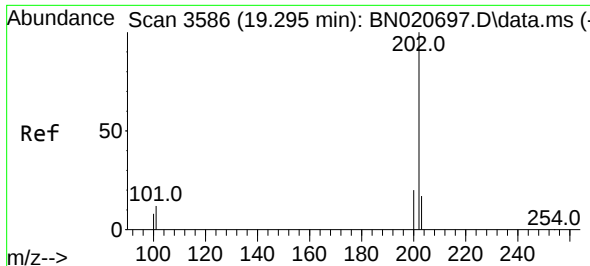
Tgt Ion:	178	Resp:	15689
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	18.8
176	19.5	15.8	23.6



#16
Anthracene
Concen: 0.312 ng/ul
RT: 17.361 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

Tgt Ion:	178	Resp:	12545
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.8	19.2
176	19.1	15.2	22.8

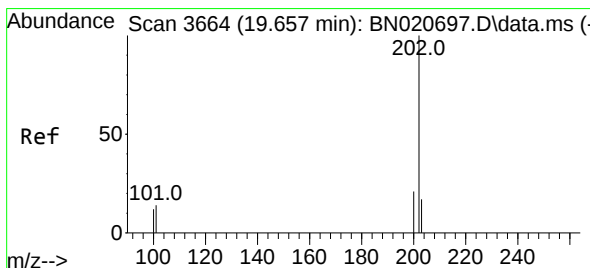
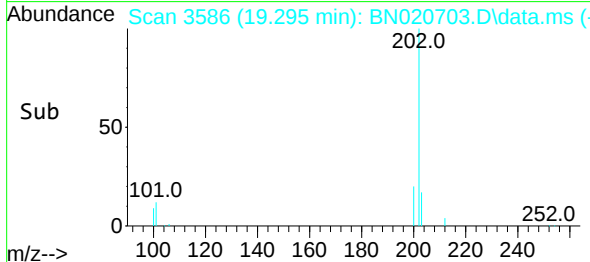
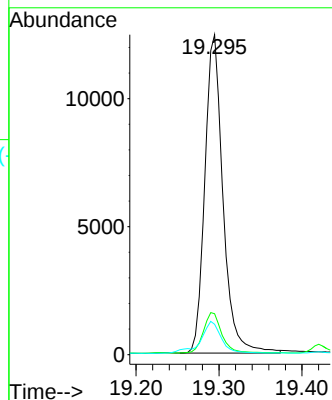
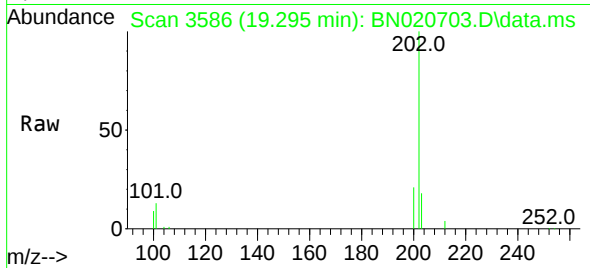




#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.295 min Scan# 3586
Delta R.T. -0.009 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

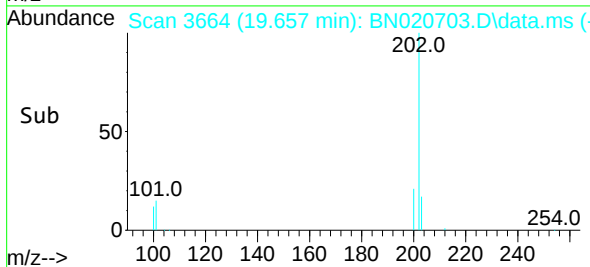
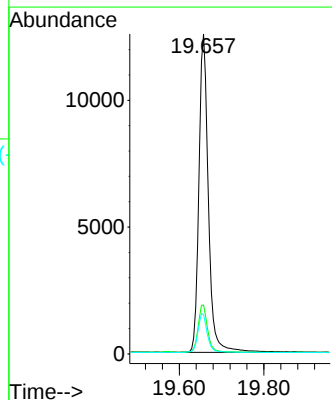
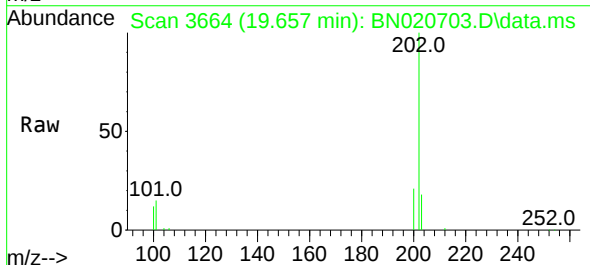
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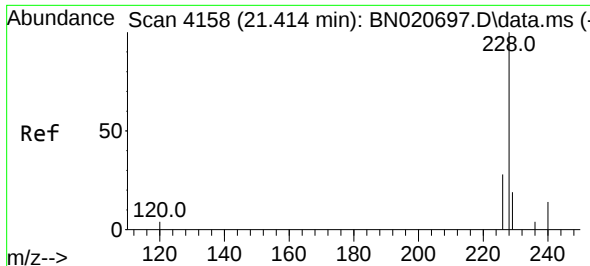
Tgt Ion:202 Resp: 18962
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 9.5 7.8 11.6



#20
Pyrene
Concen: 0.422 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

Tgt Ion:202 Resp: 19431
Ion Ratio Lower Upper
202 100
101 15.3 11.6 17.4
100 12.3 9.2 13.8

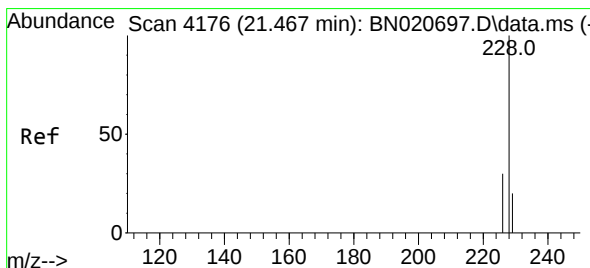
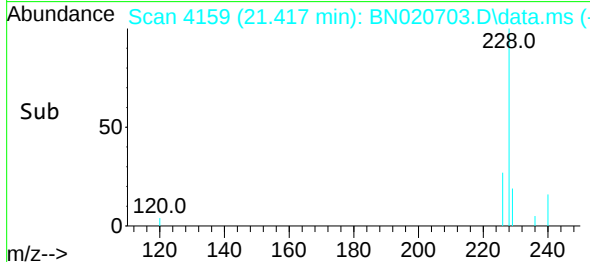
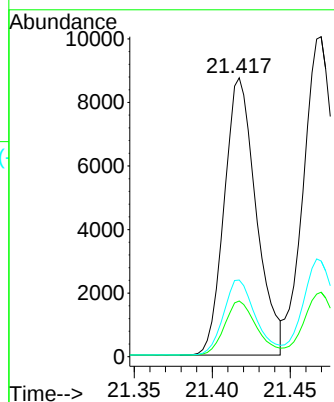
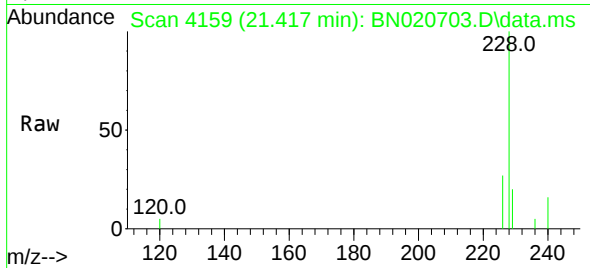




#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.417 min Scan# 4158
Delta R.T. -0.012 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

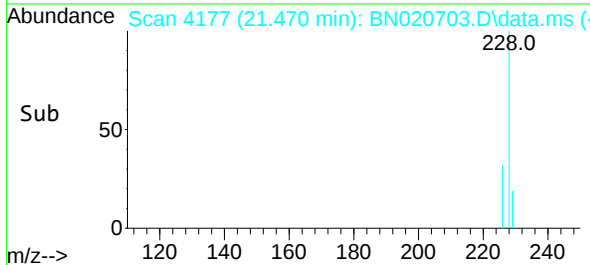
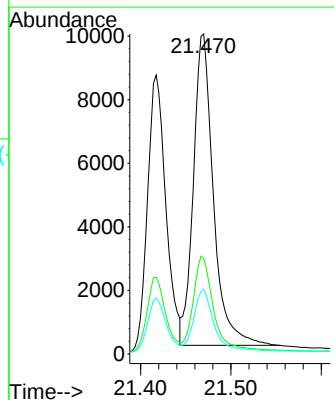
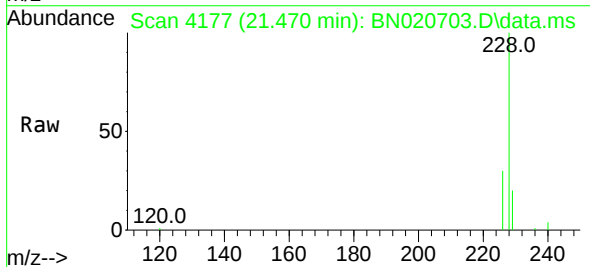
Instrument :
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YB324MS

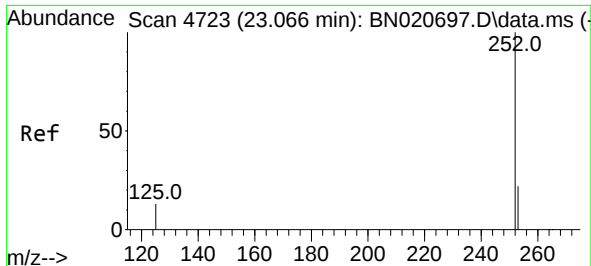
Tgt Ion:228 Resp: 12467
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. -0.009 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

Tgt Ion:228 Resp: 15089
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 20.2 15.8 23.8

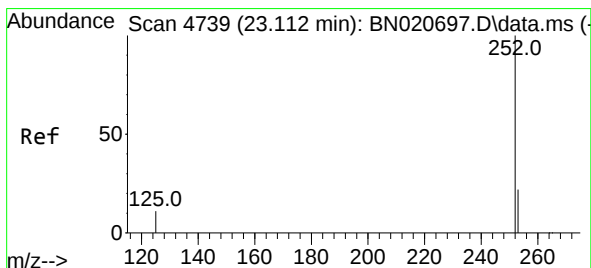
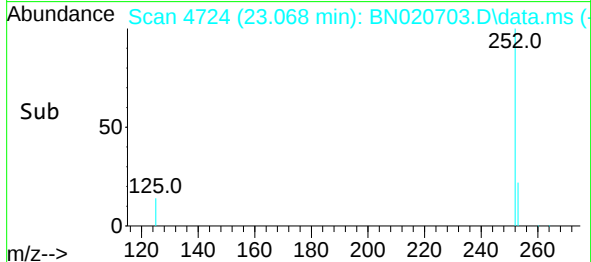
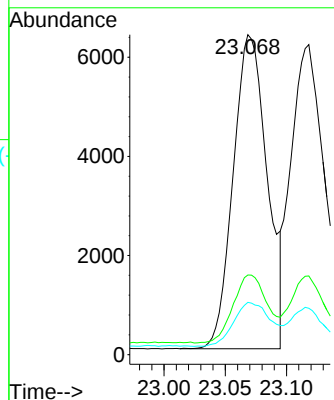
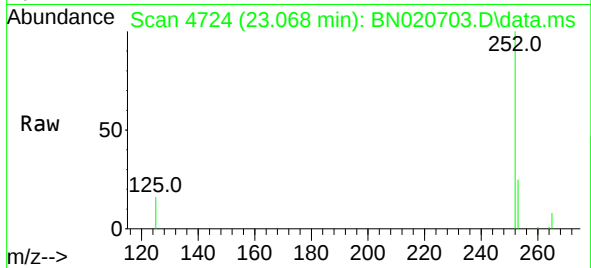




#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 23.068 min Scan# 4711
Delta R.T. -0.015 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

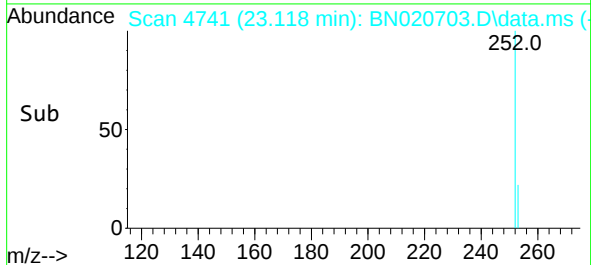
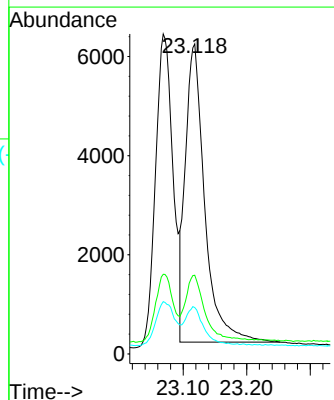
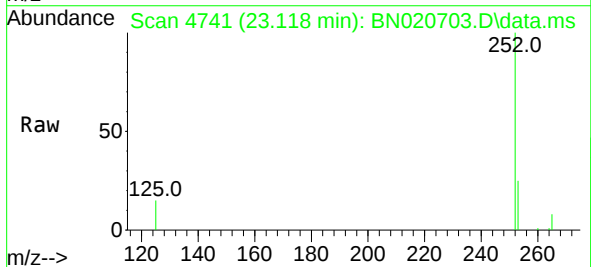
Instrument :
BNA_N
ClientSampleId :
YB324MS

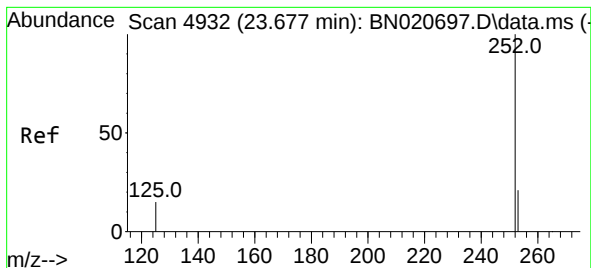
Tgt Ion:252 Resp: 12238
Ion Ratio Lower Upper
252 100
253 24.9 0.0 48.6
125 16.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.403 ng/ul
RT: 23.118 min Scan# 4741
Delta R.T. -0.012 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

Tgt Ion:252 Resp: 12674
Ion Ratio Lower Upper
252 100
253 25.4 19.7 29.5
125 14.9 12.0 18.0





#26

Benzo(a)pyrene

Concen: 0.382 ng/ul

RT: 23.680 min Scan# 4932

Delta R.T. -0.018 min

Lab File: BN020703.D

Acq: 11 Jul 2022 15:25

Instrument :

BNA_N

ClientSampleId :

YB324MS

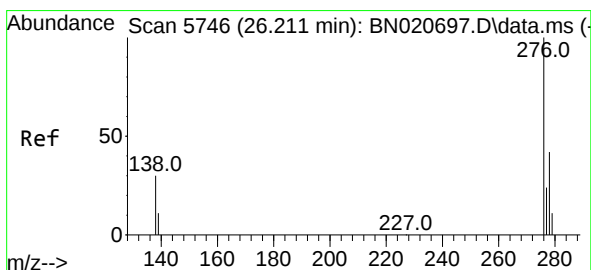
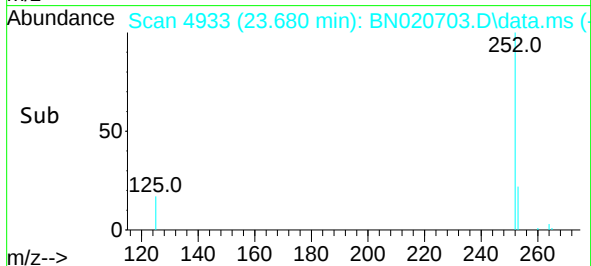
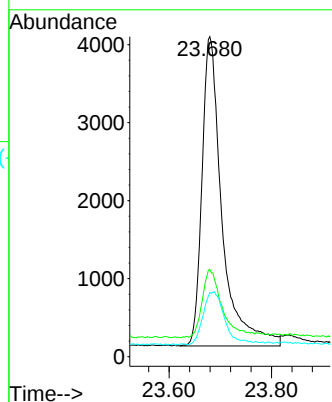
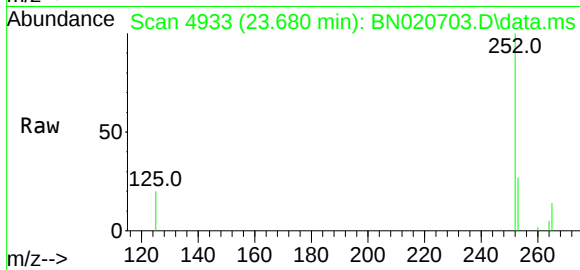
Tgt Ion:252 Resp: 10806

Ion Ratio Lower Upper

252 100

253 27.2 21.0 31.4

125 20.1 18.8 28.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.392 ng/ul

RT: 26.218 min Scan# 5748

Delta R.T. -0.027 min

Lab File: BN020703.D

Acq: 11 Jul 2022 15:25

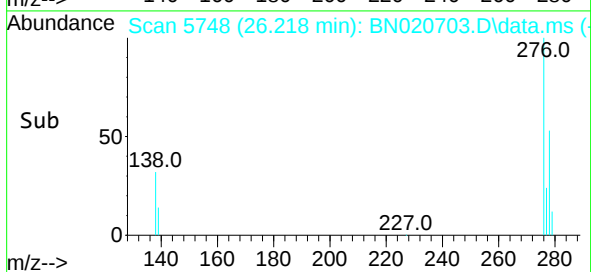
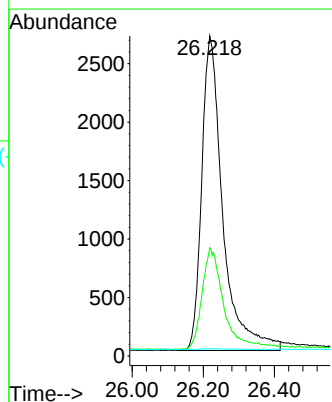
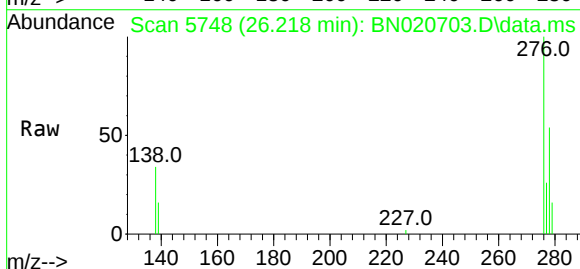
Tgt Ion:276 Resp: 11043

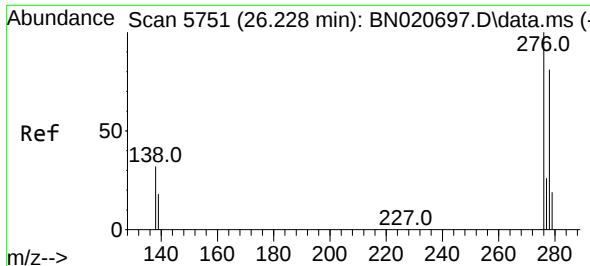
Ion Ratio Lower Upper

276 100

138 33.7 27.4 41.2

227 0.0 0.2 0.2#

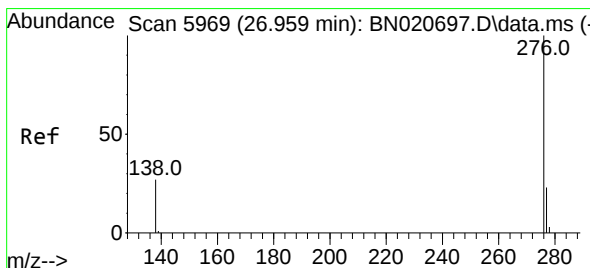
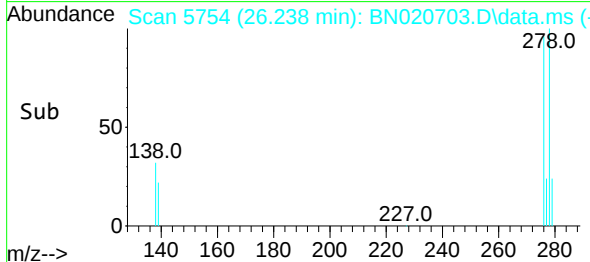
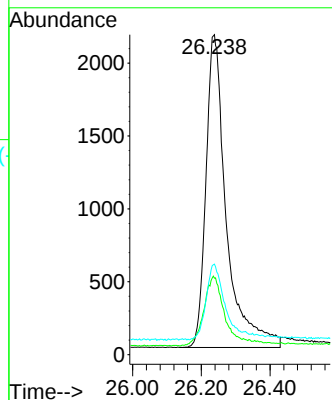
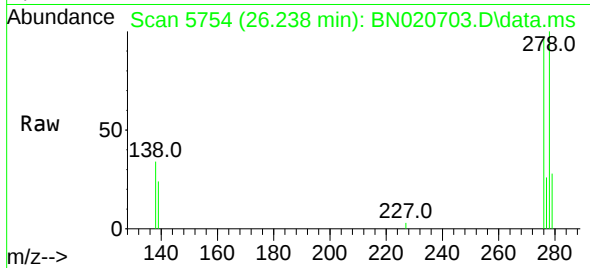




#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 26.238 min Scan# 51
Delta R.T. -0.024 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

Instrument :
BNA_N
ClientSampleId :
YB324MS

Tgt Ion:278 Resp: 8887
Ion Ratio Lower Upper
278 100
139 23.9 18.8 28.2
279 28.3 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.415 ng/ul
RT: 26.959 min Scan# 5969
Delta R.T. -0.030 min
Lab File: BN020703.D
Acq: 11 Jul 2022 15:25

Tgt Ion:276 Resp: 10029
Ion Ratio Lower Upper
276 100
138 29.7 23.5 35.3
277 25.2 20.1 30.1

