

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071122\
 Data File : BN020704.D
 Acq On : 11 Jul 2022 16:02
 Operator : CG/JU
 Sample : N3577-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YB324MSD

Quant Time: Jul 11 18:39:14 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

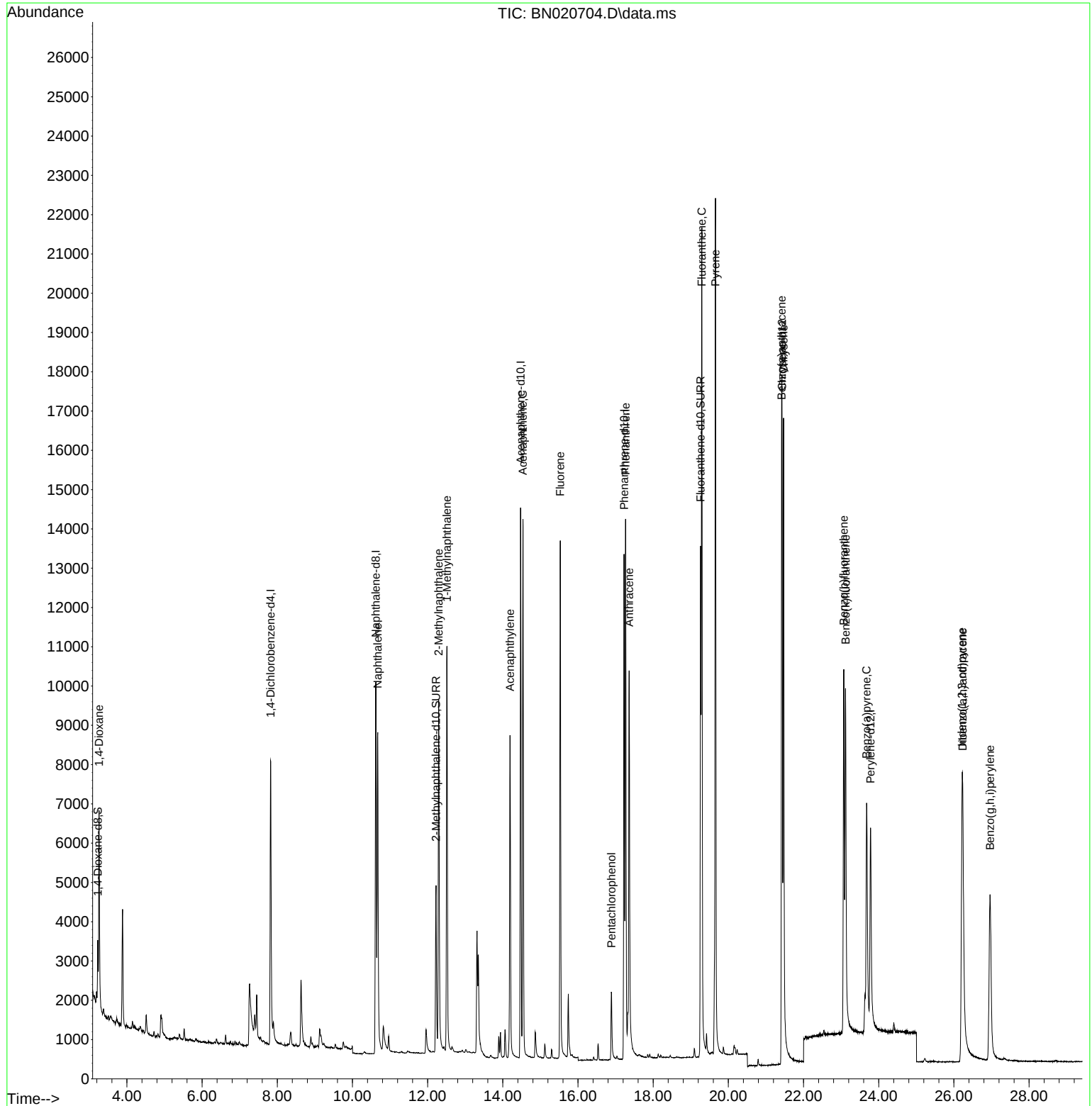
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4625	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	14680	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	8038	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	15507	0.400	ng/ul	0.00
17) Chrysene-d12	21.431	240	11469	0.400	ng/ul	-0.01
23) Perylene-d12	23.784	264	7984	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	1079	0.201	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	6298	0.261	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	15119	0.400	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.260	88	3245	0.593	ng/ul	91
5) Naphthalene	10.672	128	12703	0.280	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	7556	0.249	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	7997	0.278	ng/ul	100
10) Acenaphthylene	14.192	152	10397	0.273	ng/ul	99
11) Acenaphthene	14.534	153	8474	0.278	ng/ul	99
12) Fluorene	15.529	166	9433	0.261	ng/ul	99
14) Pentachlorophenol	16.888	266	1490	0.477	ng/ul	98
15) Phenanthrene	17.268	178	16434	0.305	ng/ul	100
16) Anthracene	17.361	178	13025	0.280	ng/ul	100
19) Fluoranthene	19.295	202	19960	0.381	ng/ul	100
20) Pyrene	19.657	202	20364	0.375	ng/ul	99
21) Benzo(a)anthracene	21.416	228	13552	0.329	ng/ul	100
22) Chrysene	21.469	228	16037	0.350	ng/ul	99
24) Benzo(b)fluoranthene	23.070	252	12917	0.350	ng/ul	99
25) Benzo(k)fluoranthene	23.117	252	13737	0.368	ng/ul	99
26) Benzo(a)pyrene	23.678	252	11311	0.337	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.216	276	11875	0.355	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.237	278	9646	0.357	ng/ul	99
29) Benzo(g,h,i)perylene	26.961	276	10884	0.380	ng/ul	99

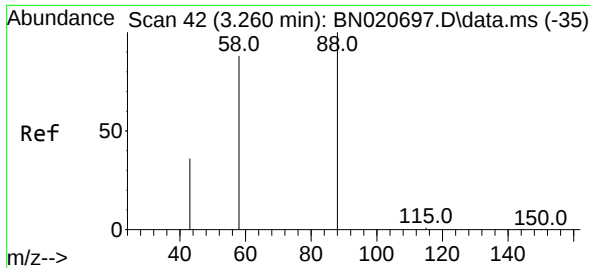
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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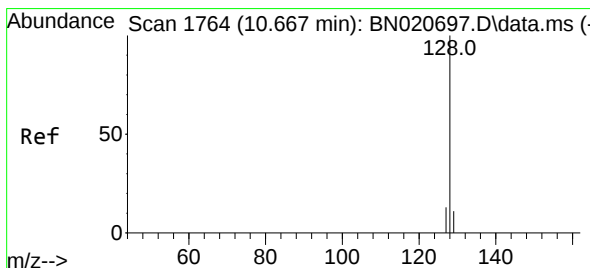
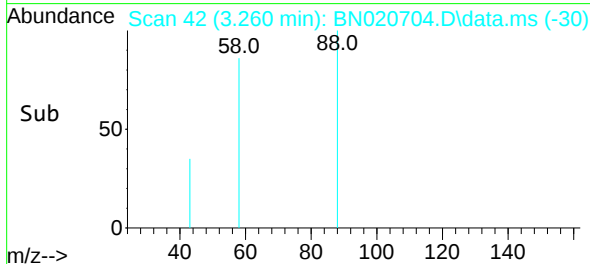
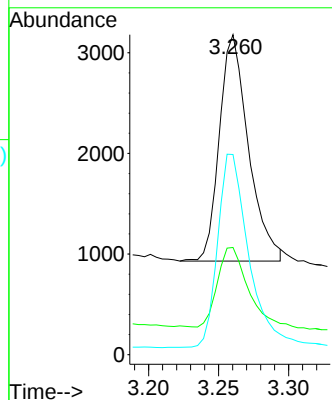
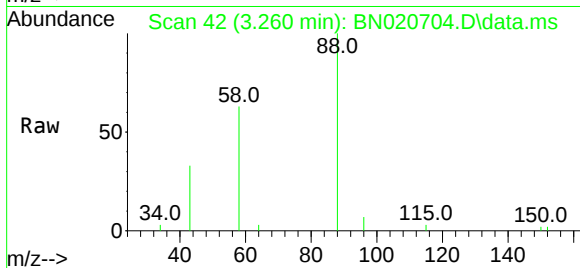




#2
 1,4-Dioxane
 Concen: 0.593 ng/ul
 RT: 3.260 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN020704.D
 Acq: 11 Jul 2022 16:02

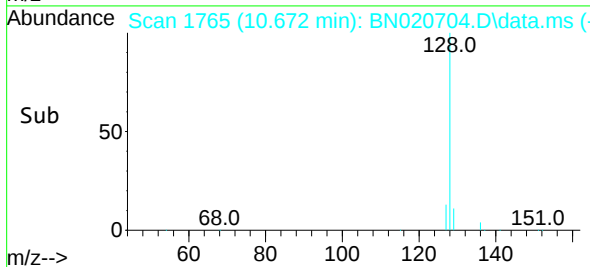
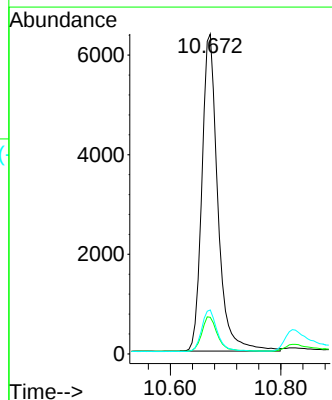
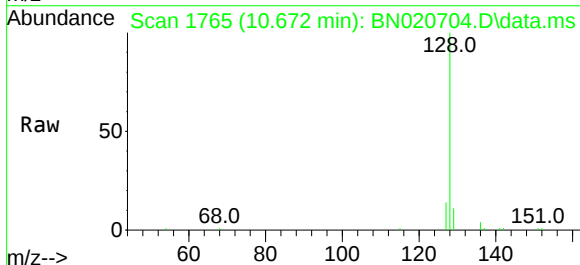
Instrument :
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 ClientSampleId :
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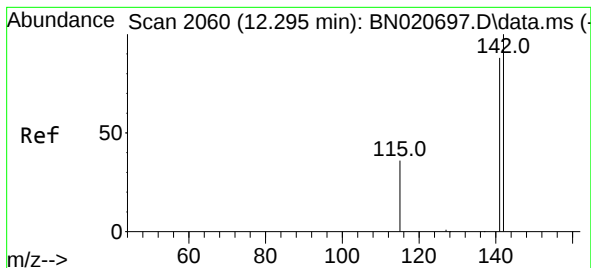
Tgt Ion: 88 Resp: 3245
 Ion Ratio Lower Upper
 88 100
 43 33.5 32.5 48.7
 58 62.5 46.2 69.2



#5
 Naphthalene
 Concen: 0.280 ng/ul
 RT: 10.672 min Scan# 1765
 Delta R.T. -0.006 min
 Lab File: BN020704.D
 Acq: 11 Jul 2022 16:02

Tgt Ion: 128 Resp: 12703
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.5 14.3
 127 13.8 11.3 16.9

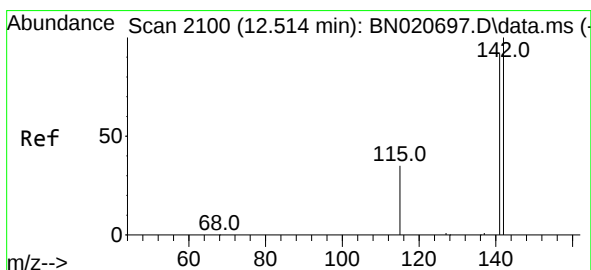
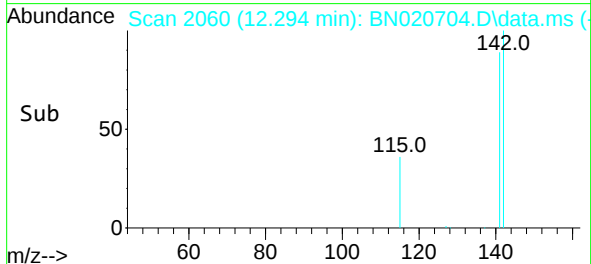
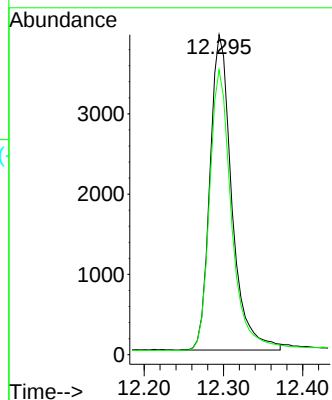
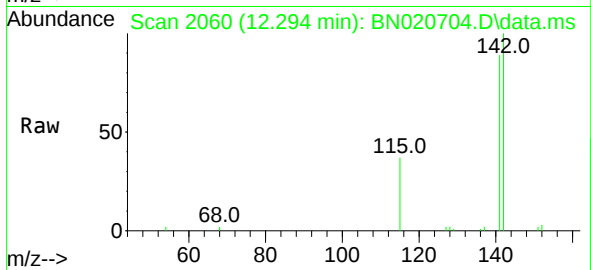




#7
2-Methylnaphthalene
Concen: 0.249 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

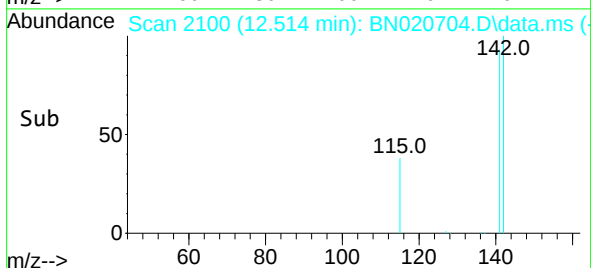
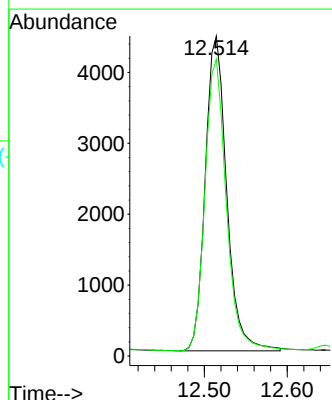
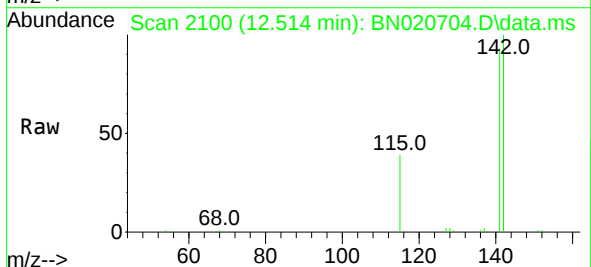
Instrument :
BNA_N
ClientSampleId :
YB324MSD

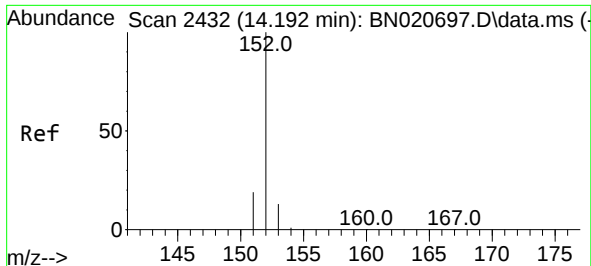
Tgt Ion:142 Resp: 7556
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

Tgt Ion:142 Resp: 7997
Ion Ratio Lower Upper
142 100
141 92.2 73.7 110.5

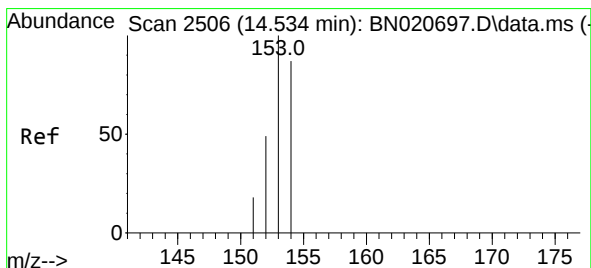
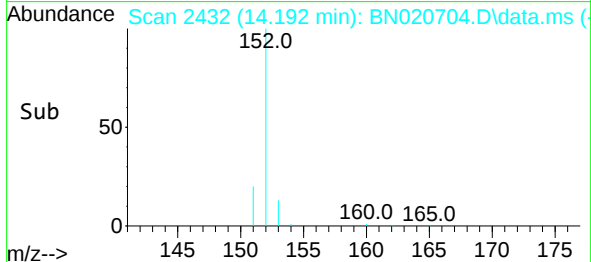
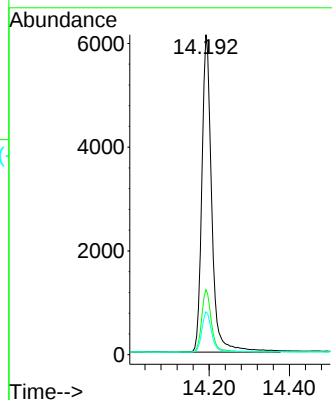
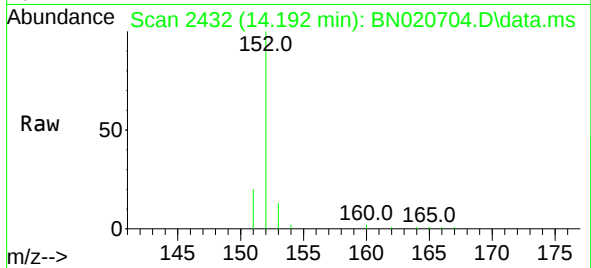




#10
Acenaphthylene
Concen: 0.273 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

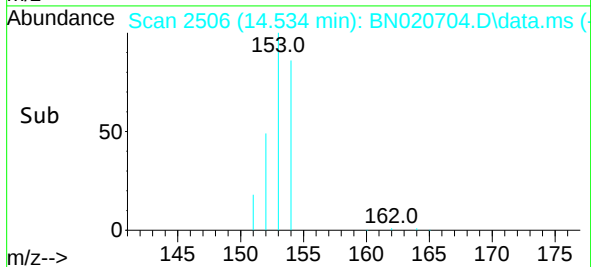
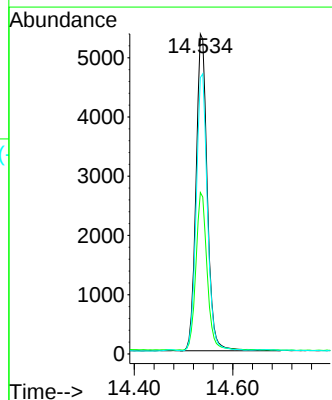
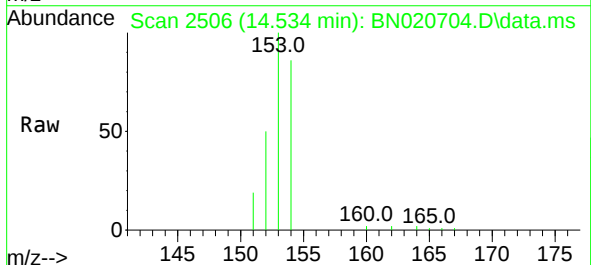
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BNA_N
ClientSampleId :
YB324MSD

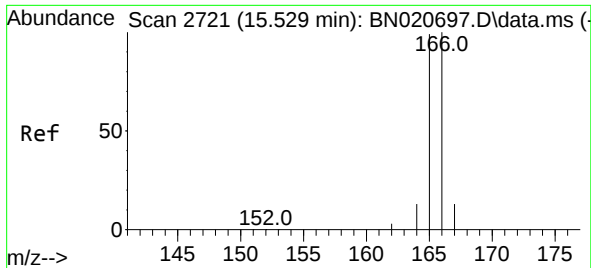
Tgt Ion:152 Resp: 10397
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.278 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.009 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

Tgt Ion:153 Resp: 8474
Ion Ratio Lower Upper
153 100
152 50.5 40.0 60.0
154 86.3 70.0 105.0

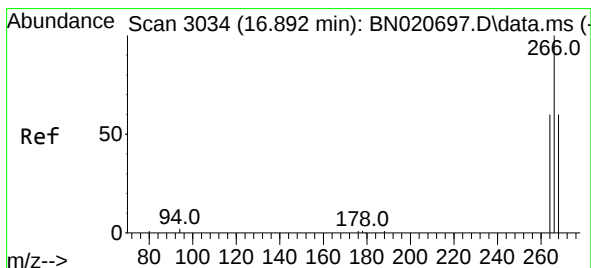
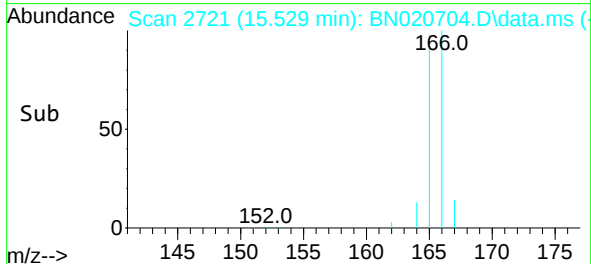
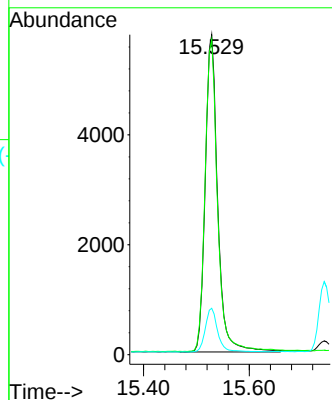
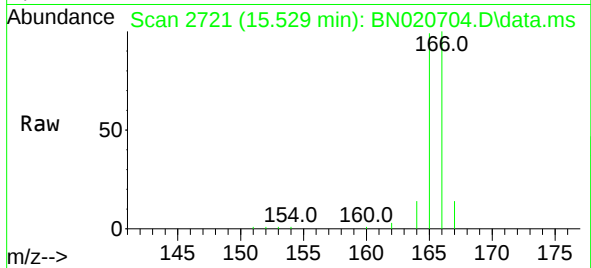




#12
Fluorene
Concen: 0.261 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

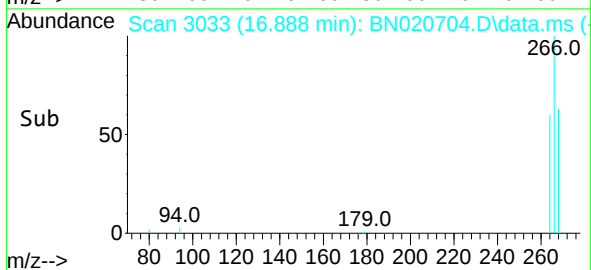
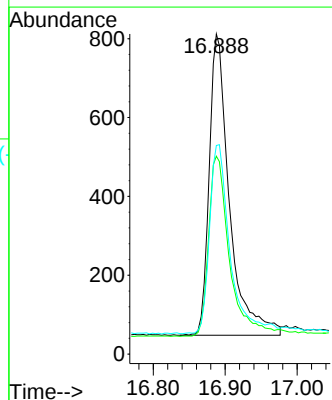
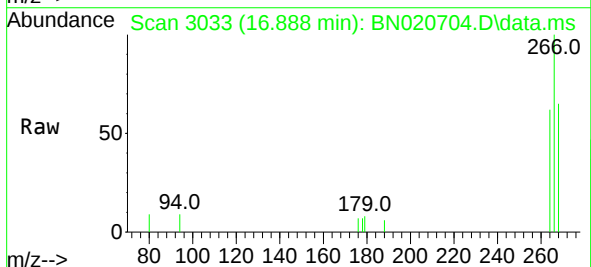
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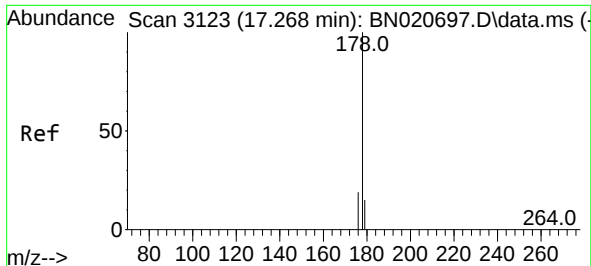
Tgt Ion:166 Resp: 9433
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.2
167 14.5 11.3 16.9



#14
Pentachlorophenol
Concen: 0.477 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. -0.017 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

Tgt Ion:266 Resp: 1490
Ion Ratio Lower Upper
266 100
264 62.5 51.6 77.4
268 64.0 51.5 77.3

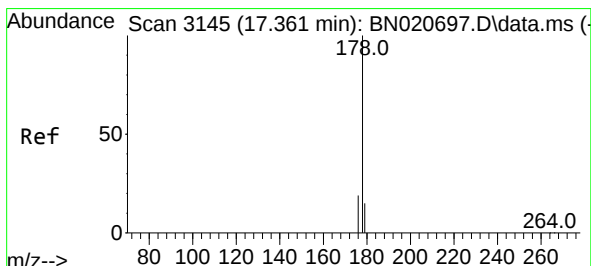
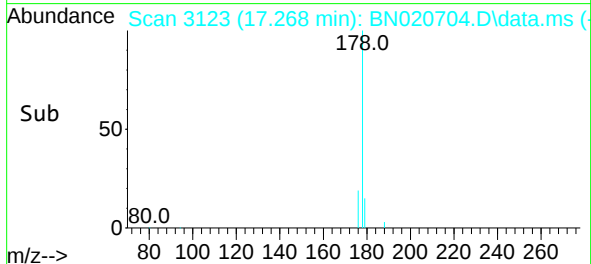
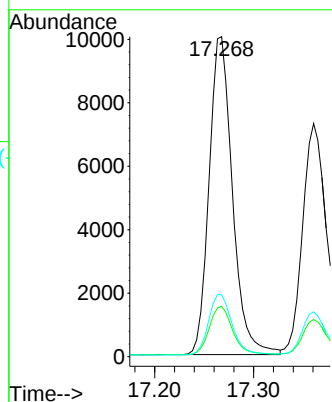
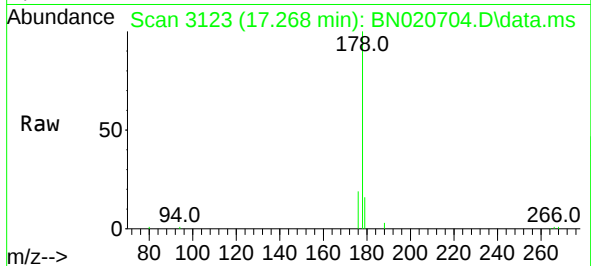




#15
Phenanthrene
Concen: 0.305 ng/u1
RT: 17.268 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

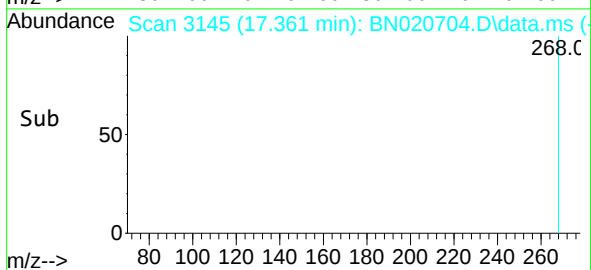
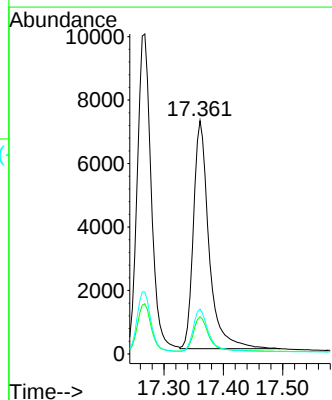
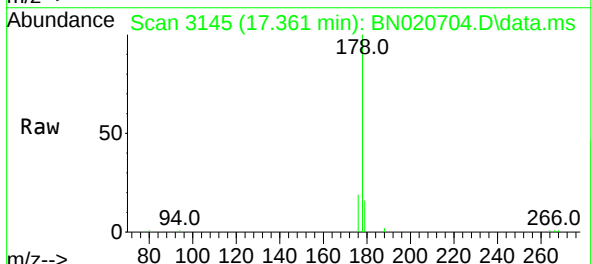
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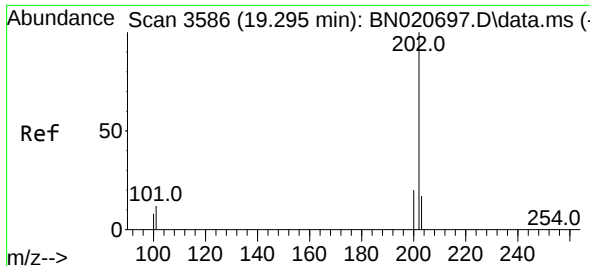
Tgt Ion:	178	Resp:	16434
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	18.8
176	19.4	15.8	23.6



#16
Anthracene
Concen: 0.280 ng/u1
RT: 17.361 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

Tgt Ion:	178	Resp:	13025
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.8	19.2
176	19.2	15.2	22.8

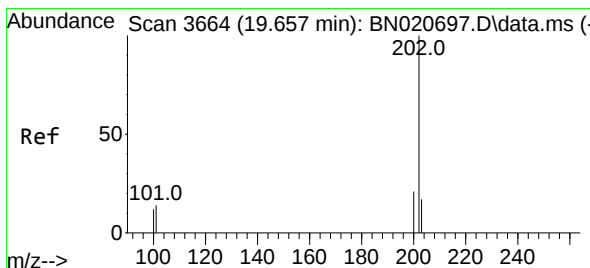
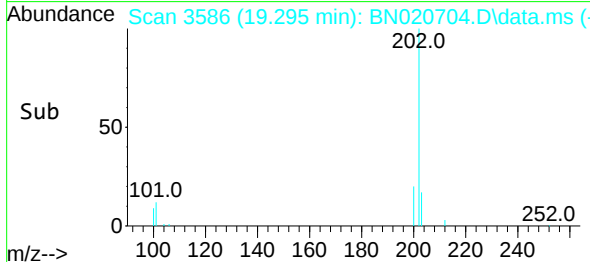
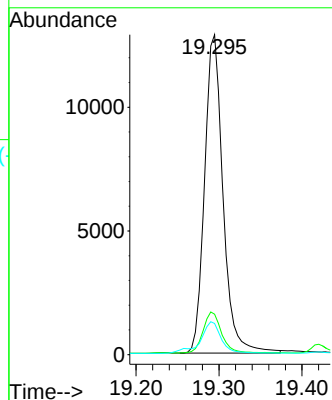
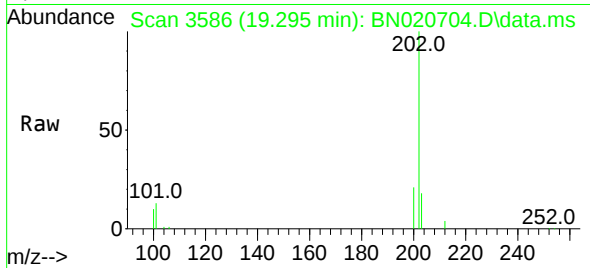




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.295 min Scan# 3586
Delta R.T. -0.009 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

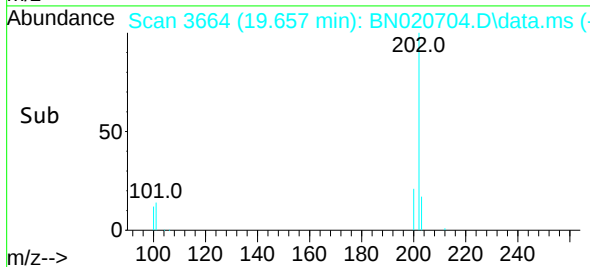
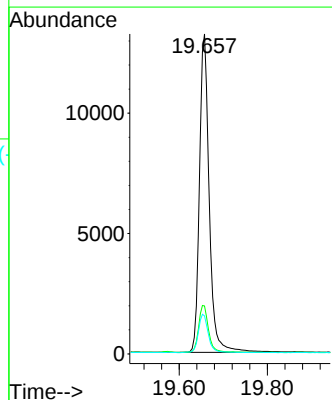
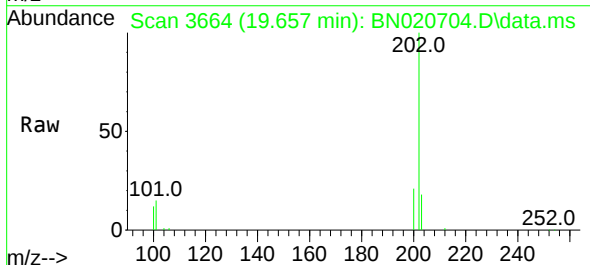
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ClientSampleId :
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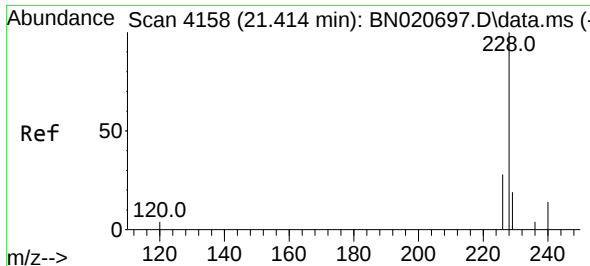
Tgt Ion:202 Resp: 19960
Ion Ratio Lower Upper
202 100
101 12.7 10.3 15.5
100 9.8 7.8 11.6



#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

Tgt Ion:202 Resp: 20364
Ion Ratio Lower Upper
202 100
101 15.0 11.6 17.4
100 11.9 9.2 13.8

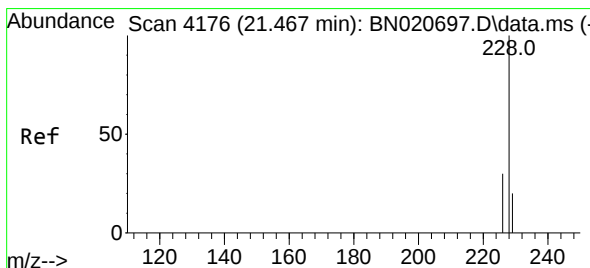
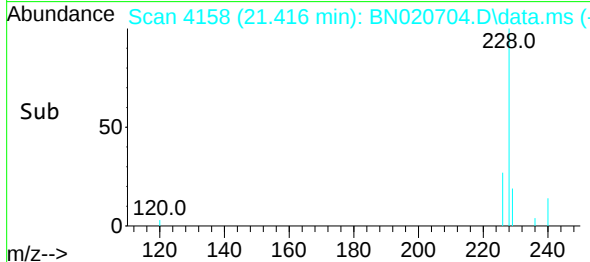
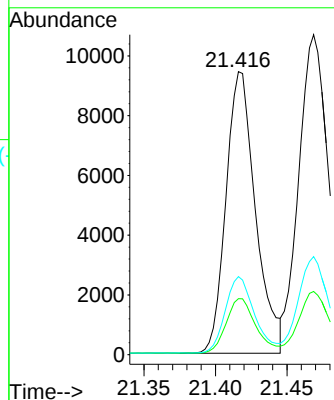
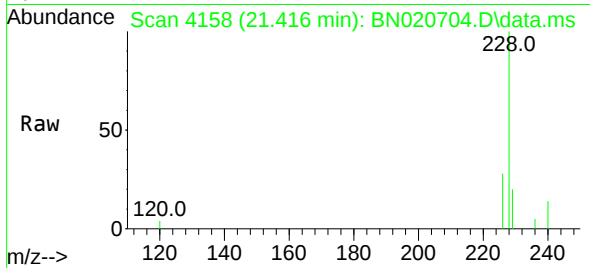




#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.416 min Scan# 4158
Delta R.T. -0.013 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

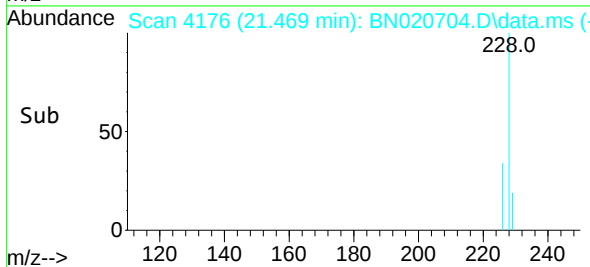
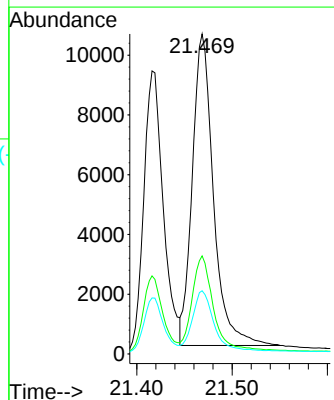
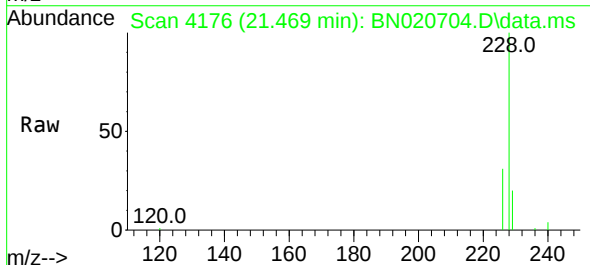
Instrument :
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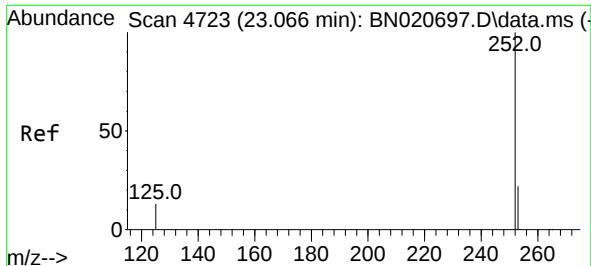
Tgt Ion:228 Resp: 13552
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.469 min Scan# 4176
Delta R.T. -0.010 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

Tgt Ion:228 Resp: 16037
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 19.7 15.8 23.8

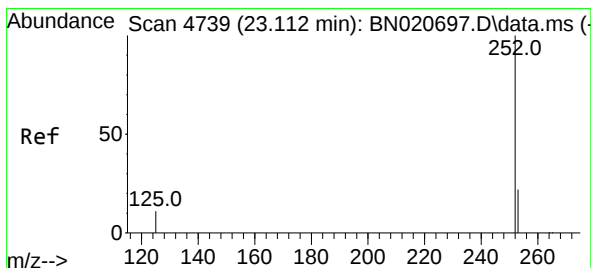
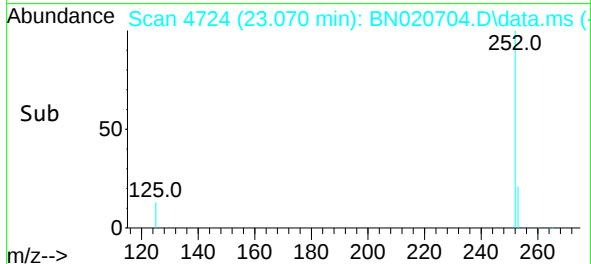
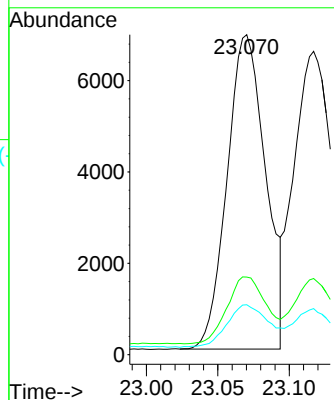
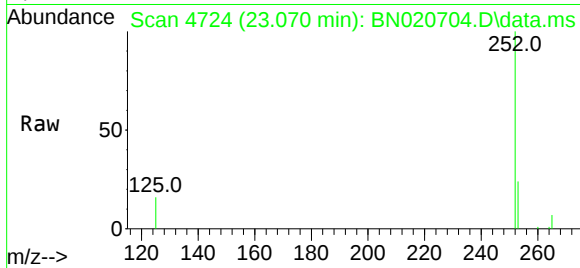




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 23.070 min Scan# 4723
Delta R.T. -0.013 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

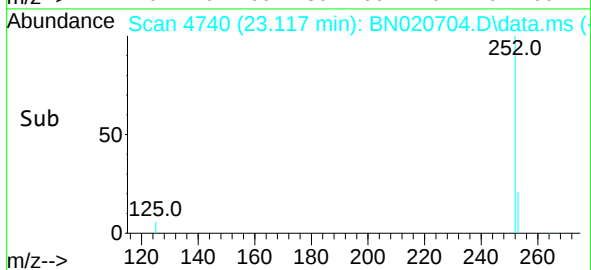
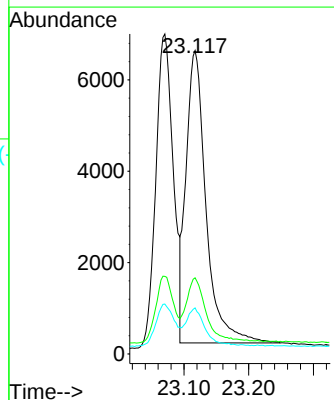
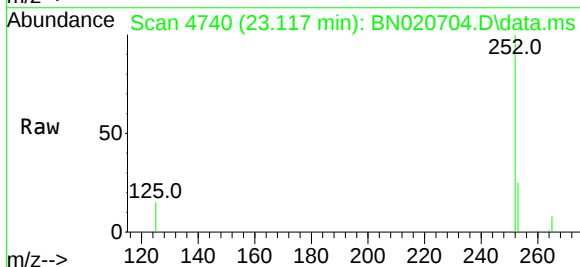
Instrument :
BNA_N
ClientSampleId :
YB324MSD

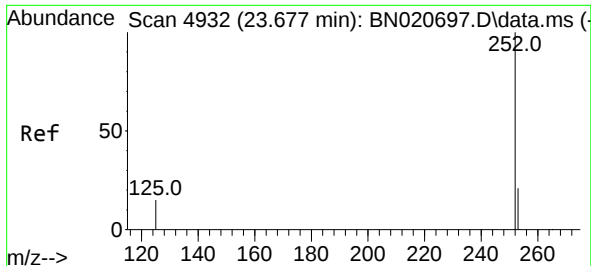
Tgt Ion:252 Resp: 12917
Ion Ratio Lower Upper
252 100
253 24.3 0.0 48.6
125 15.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 23.117 min Scan# 4740
Delta R.T. -0.013 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

Tgt Ion:252 Resp: 13737
Ion Ratio Lower Upper
252 100
253 25.1 19.7 29.5
125 15.2 12.0 18.0

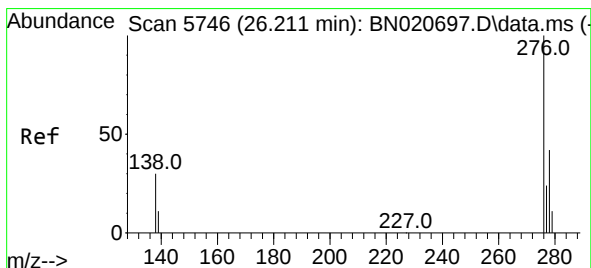
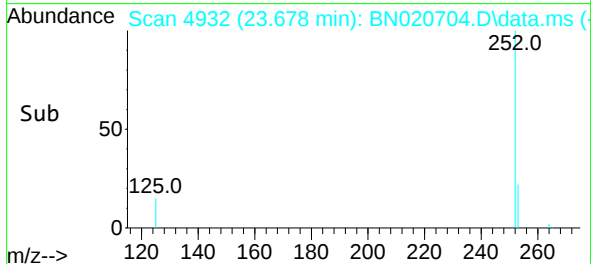
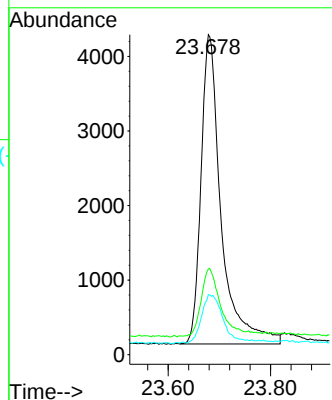
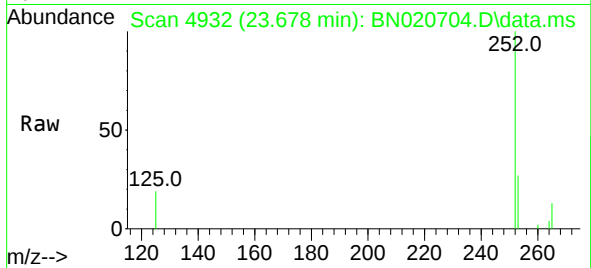




#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.678 min Scan# 4932
Delta R.T. -0.019 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

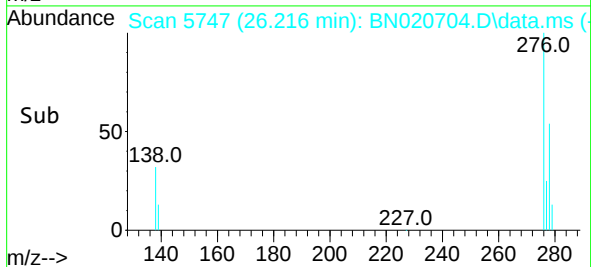
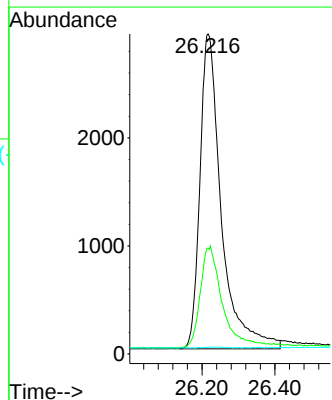
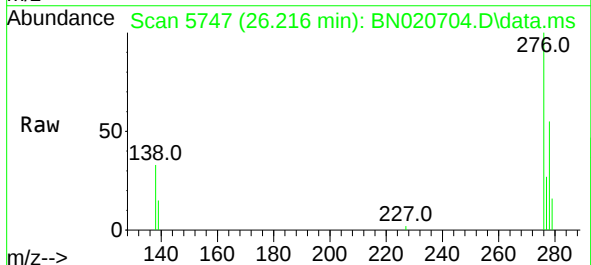
Instrument :
BNA_N
ClientSampleId :
YB324MSD

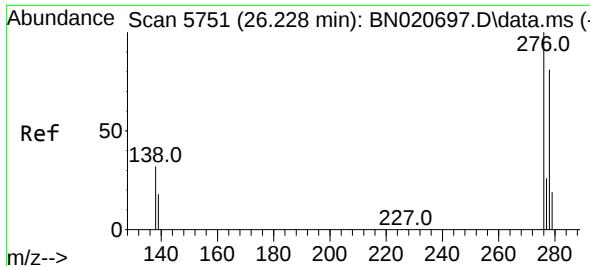
Tgt Ion:252 Resp: 11311
Ion Ratio Lower Upper
252 100
253 26.7 21.0 31.4
125 18.7 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.216 min Scan# 5747
Delta R.T. -0.029 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

Tgt Ion:276 Resp: 11875
Ion Ratio Lower Upper
276 100
138 33.6 27.4 41.2
227 0.1 0.2 0.2#

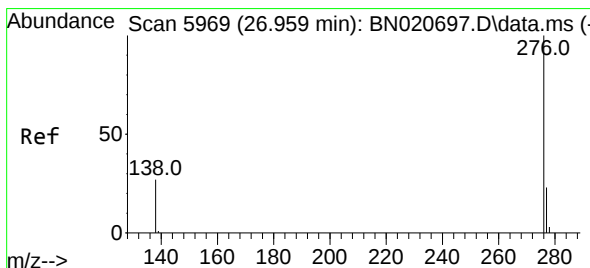
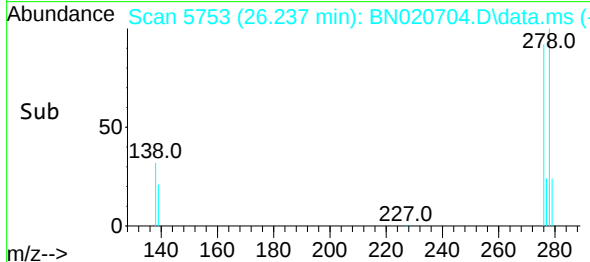
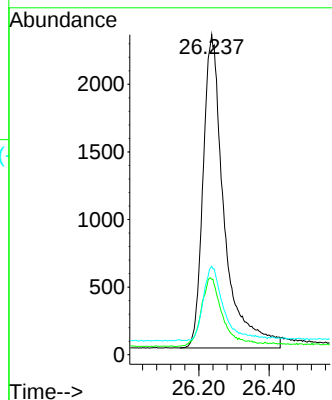
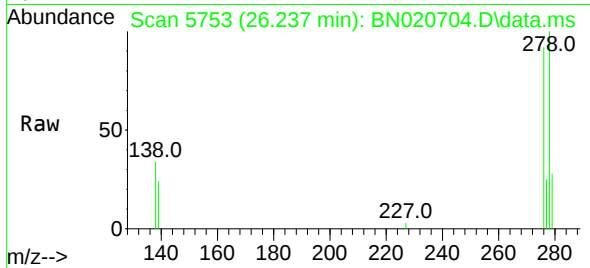




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 26.237 min Scan# 51
Delta R.T. -0.025 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

Instrument :
BNA_N
ClientSampleId :
YB324MSD

Tgt Ion:278 Resp: 9646
Ion Ratio Lower Upper
278 100
139 23.5 18.8 28.2
279 27.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.380 ng/ul
RT: 26.961 min Scan# 5969
Delta R.T. -0.029 min
Lab File: BN020704.D
Acq: 11 Jul 2022 16:02

Tgt Ion:276 Resp: 10884
Ion Ratio Lower Upper
276 100
138 28.9 23.5 35.3
277 24.9 20.1 30.1

