

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071922\
 Data File : BN020771.D
 Acq On : 19 Jul 2022 12:48
 Operator : CG/JU
 Sample : N3753-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBHP4MS

Quant Time: Jul 20 01:04:59 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 : Wed Jul 20 01:02:30 2022
 Response via : Initial Calibration

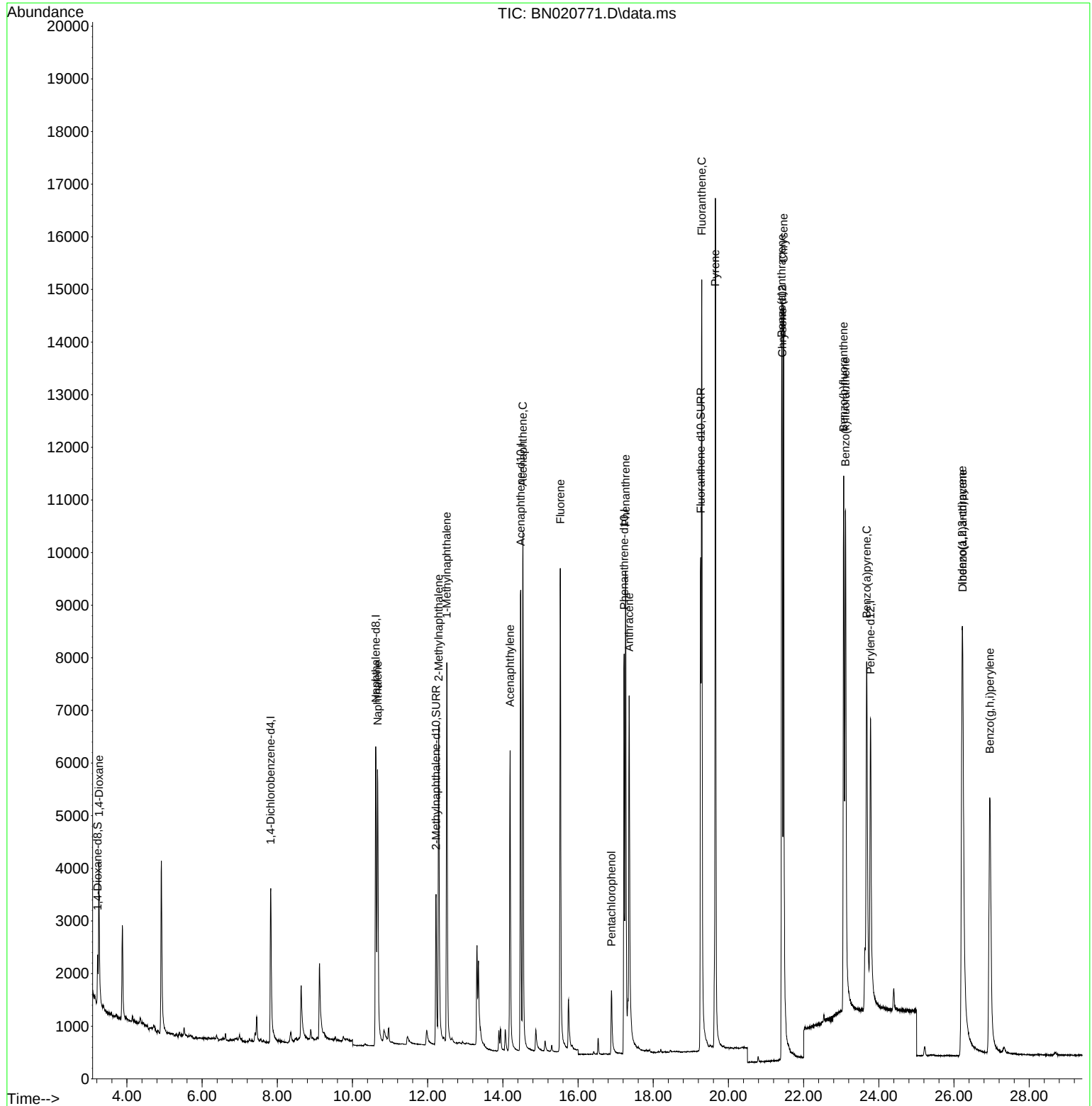
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2214	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	9277	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	5457	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	10073	0.400	ng/ul	0.00
17) Chrysene-d12	21.431	240	9513	0.400	ng/ul	0.00
23) Perylene-d12	23.778	264	8412	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	689	0.269	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	4577	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	11920	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	1816	0.693	ng/ul	94
5) Naphthalene	10.667	128	8678	0.303	ng/ul	100
7) 2-Methylnaphthalene	12.294	142	5328	0.278	ng/ul	99
8) 1-Methylnaphthalene	12.509	142	5741	0.316	ng/ul	100
10) Acenaphthylene	14.192	152	7795	0.301	ng/ul	99
11) Acenaphthene	14.534	153	6415	0.310	ng/ul	99
12) Fluorene	15.529	166	7331	0.299	ng/ul	99
14) Pentachlorophenol	16.888	266	1178	0.580	ng/ul	98
15) Phenanthrene	17.263	178	11262	0.322	ng/ul	100
16) Anthracene	17.360	178	9569	0.317	ng/ul	99
19) Fluoranthene	19.290	202	14672	0.338	ng/ul	99
20) Pyrene	19.652	202	15707	0.349	ng/ul	100
21) Benzo(a)anthracene	21.416	228	11121	0.325	ng/ul	99
22) Chrysene	21.468	228	14318	0.376	ng/ul	98
24) Benzo(b)fluoranthene	23.064	252	14703	0.378	ng/ul	98
25) Benzo(k)fluoranthene	23.114	252	15592	0.397	ng/ul	99
26) Benzo(a)pyrene	23.675	252	13032	0.368	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.220	276	14065	0.400	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.230	278	10894	0.383	ng/ul	98
29) Benzo(g,h,i)perylene	26.951	276	12881	0.426	ng/ul	99

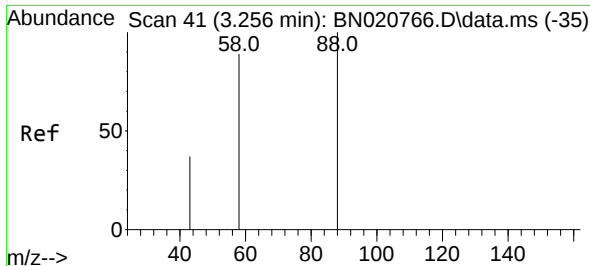
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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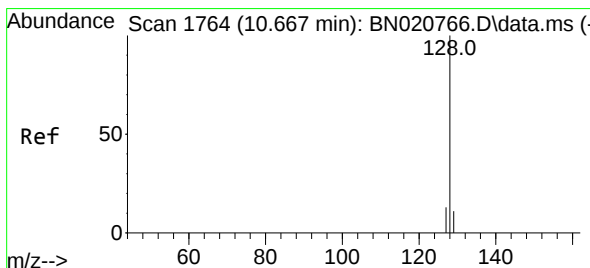
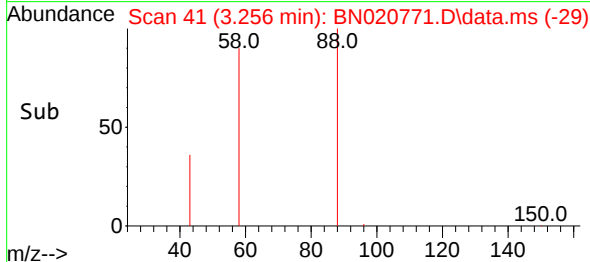
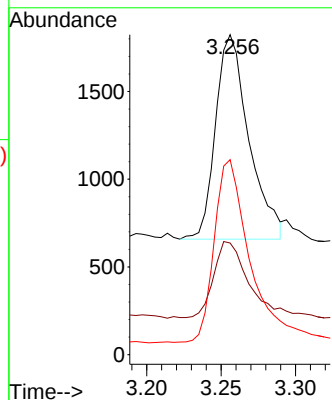
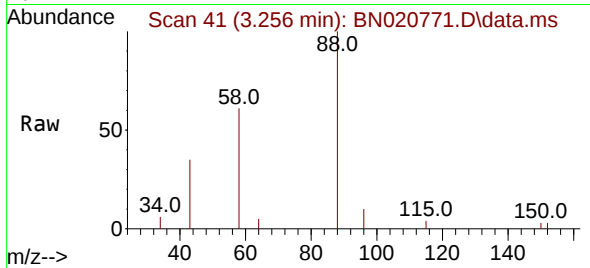




#2
 1,4-Dioxane
 Concen: 0.693 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN020771.D
 Acq: 19 Jul 2022 12:48

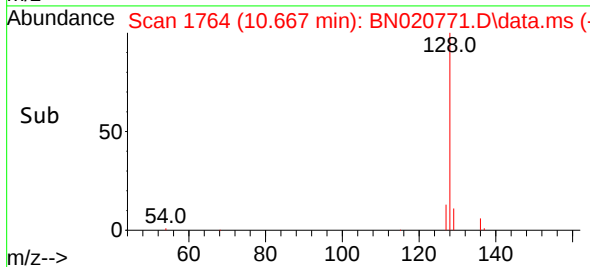
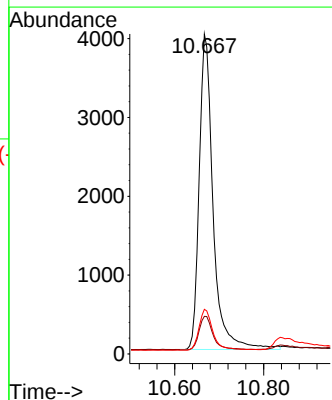
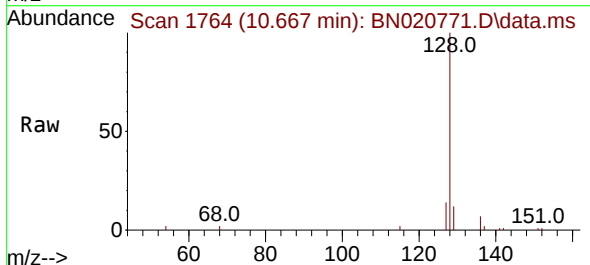
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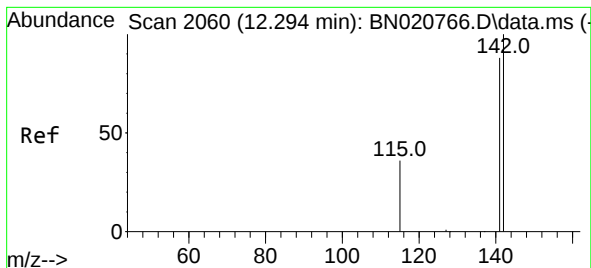
Tgt Ion: 88 Resp: 1816
 Ion Ratio Lower Upper
 88 100
 43 34.9 32.5 48.7
 58 61.0 46.2 69.2



#5
 Naphthalene
 Concen: 0.303 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN020771.D
 Acq: 19 Jul 2022 12:48

Tgt Ion: 128 Resp: 8678
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.5 14.3
 127 14.0 11.3 16.9

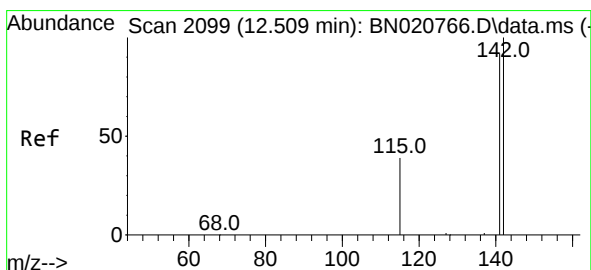
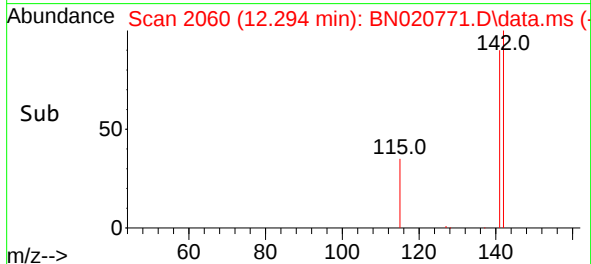
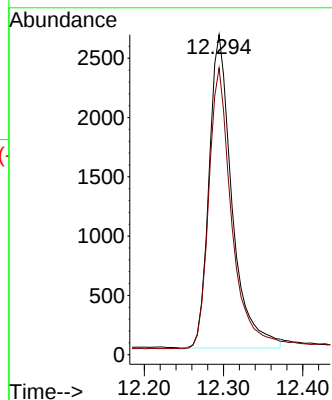
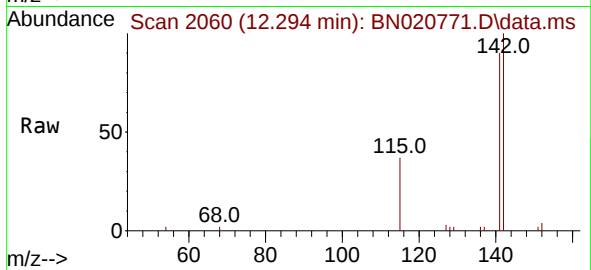




#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

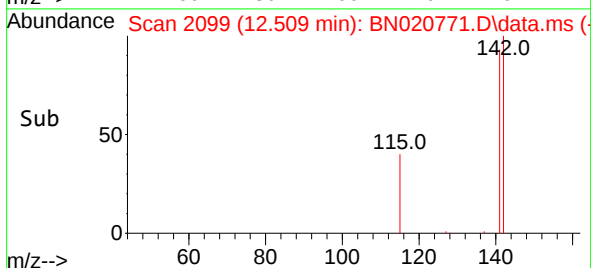
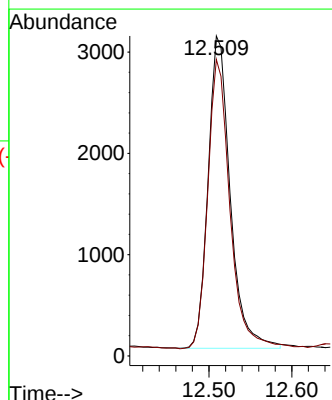
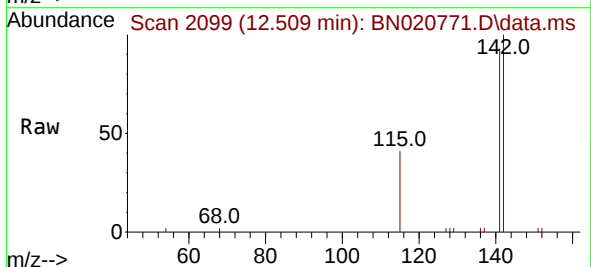
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ClientSampleId :
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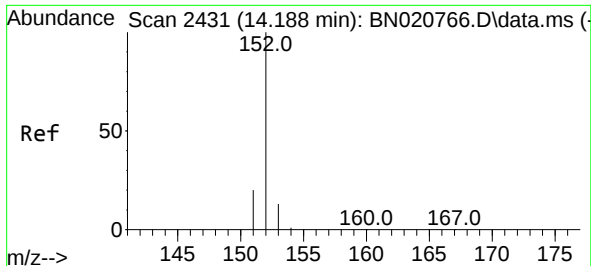
Tgt Ion:142 Resp: 5328
Ion Ratio Lower Upper
142 100
141 89.3 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

Tgt Ion:142 Resp: 5741
Ion Ratio Lower Upper
142 100
141 92.2 73.7 110.5

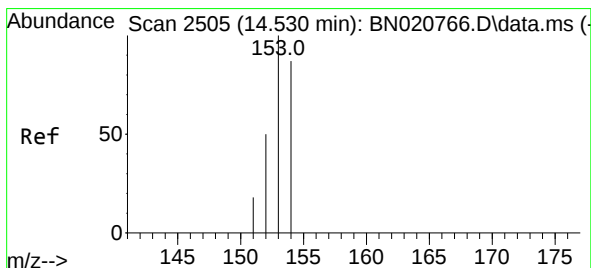
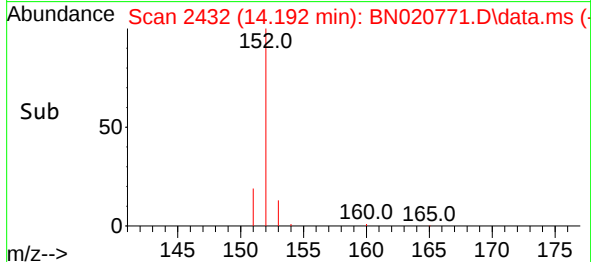
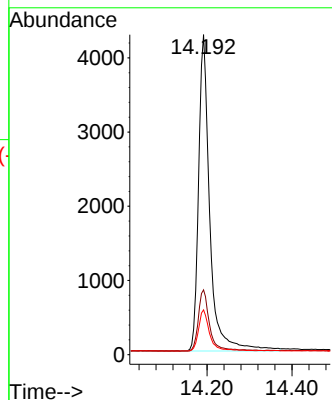
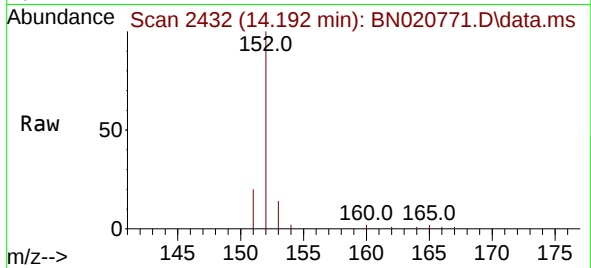




#10
Acenaphthylene
Concen: 0.301 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. 0.004 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

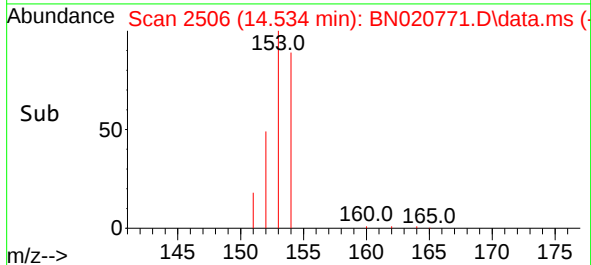
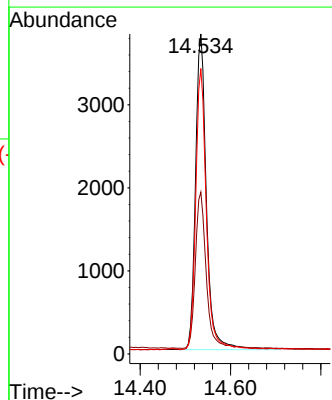
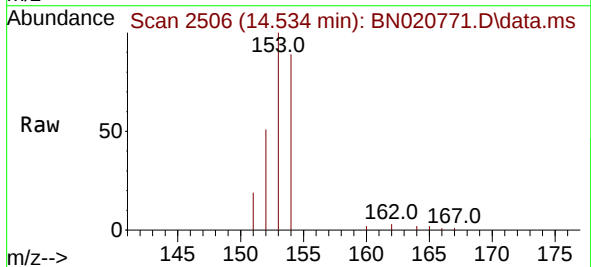
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BNA_N
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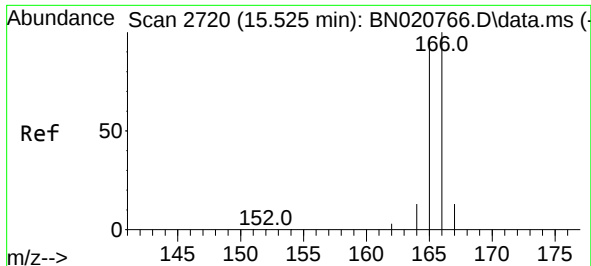
Tgt Ion:152 Resp: 7795
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.310 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. 0.004 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

Tgt Ion:153 Resp: 6415
Ion Ratio Lower Upper
153 100
152 50.6 40.0 60.0
154 89.2 70.0 105.0

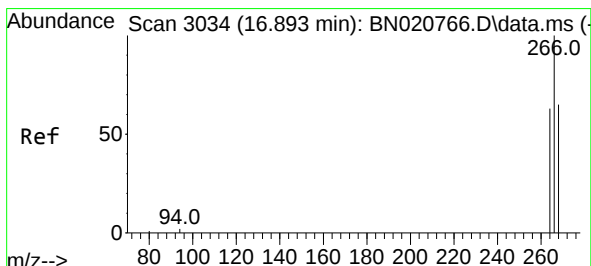
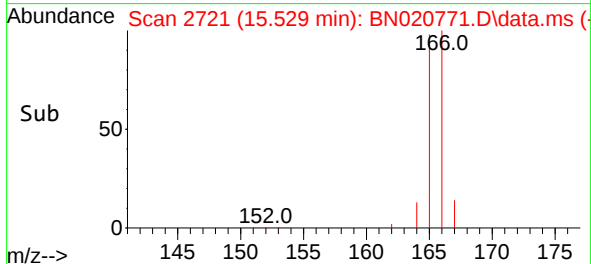
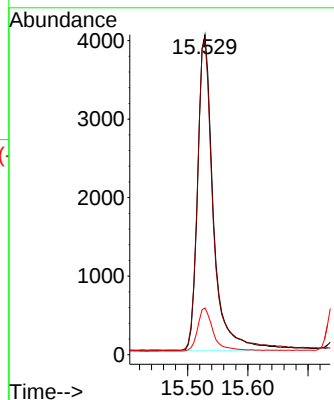
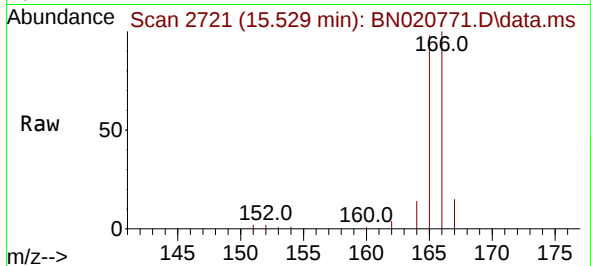




#12
Fluorene
Concen: 0.299 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

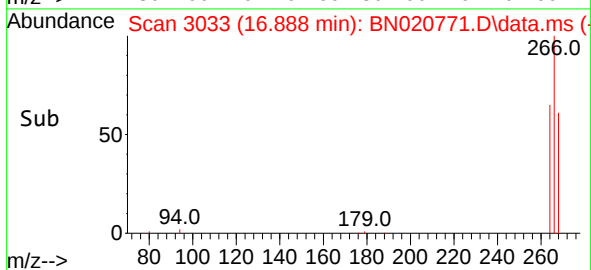
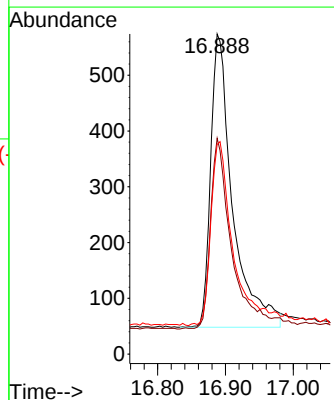
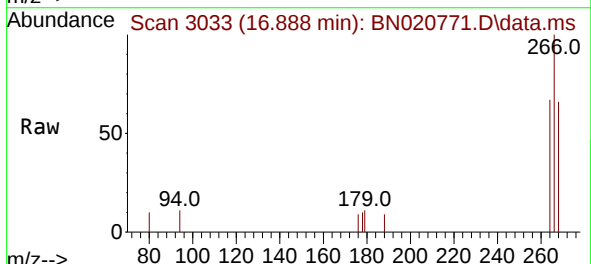
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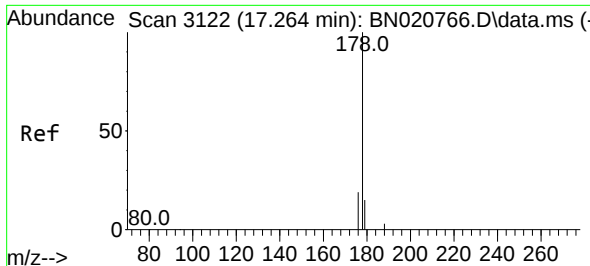
Tgt Ion:166 Resp: 7331
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.2
167 14.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.580 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. -0.005 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

Tgt Ion:266 Resp: 1178
Ion Ratio Lower Upper
266 100
264 62.2 51.6 77.4
268 64.3 51.5 77.3

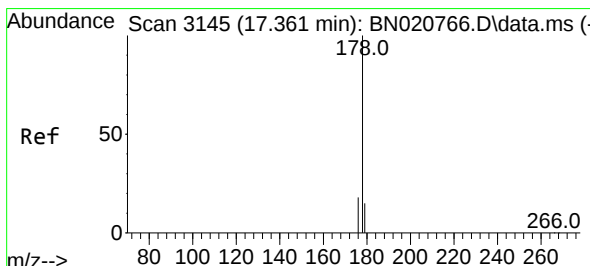
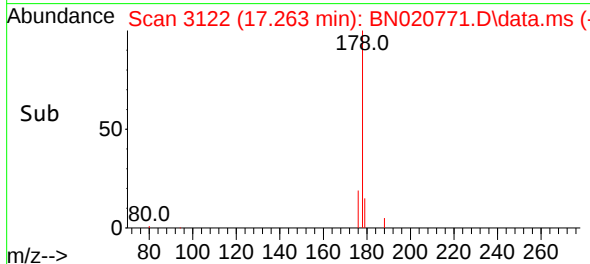
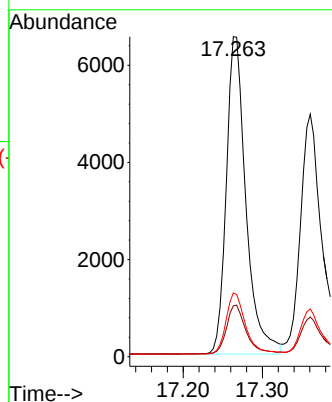
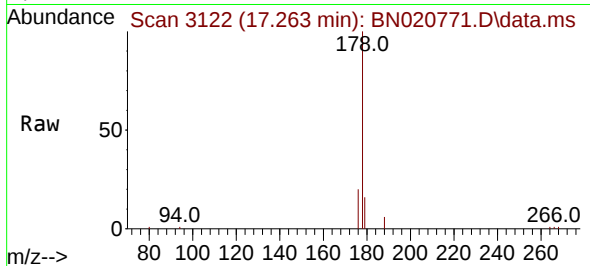




#15
Phenanthrene
Concen: 0.322 ng/ul
RT: 17.263 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

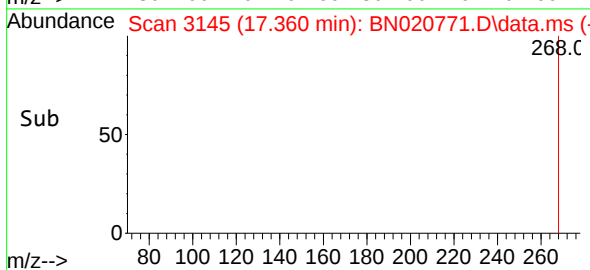
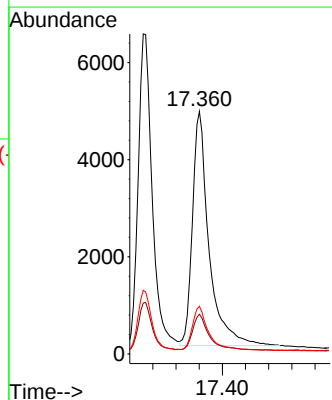
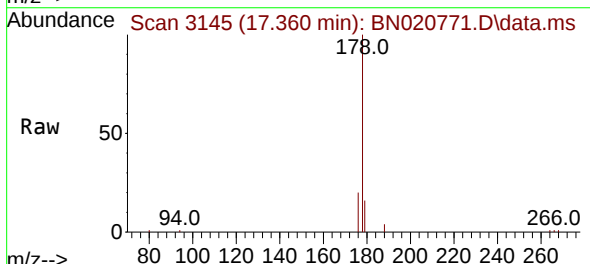
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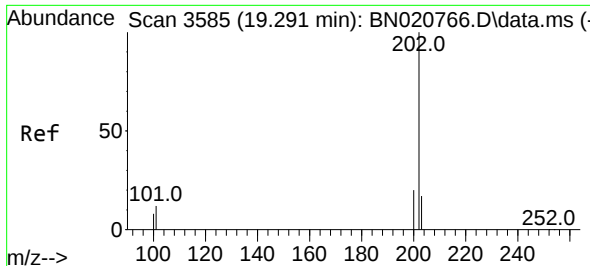
Tgt Ion:	178	Resp:	11262
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	18.8
176	19.9	15.8	23.6



#16
Anthracene
Concen: 0.317 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. -0.001 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

Tgt Ion:	178	Resp:	9569
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.8	19.2
176	19.6	15.2	22.8

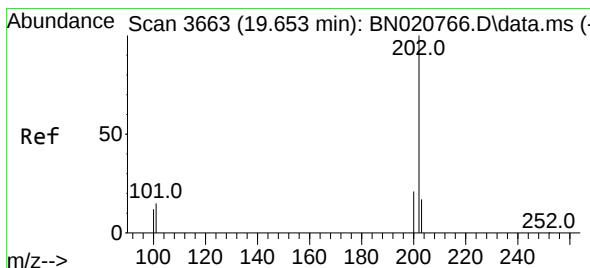
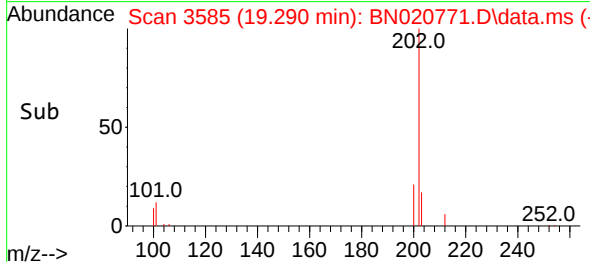
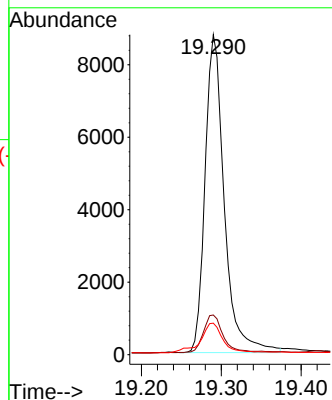
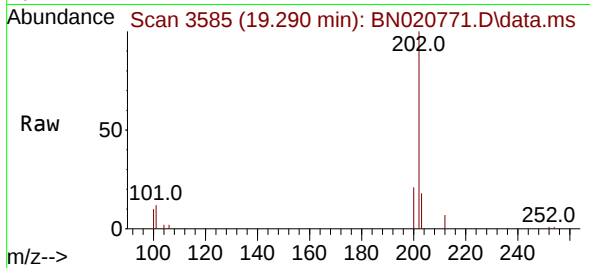




#19
Fluoranthene
Concen: 0.338 ng/ul
RT: 19.290 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

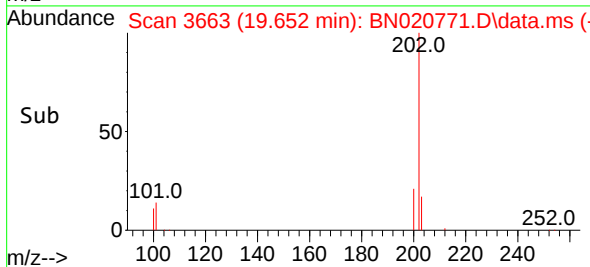
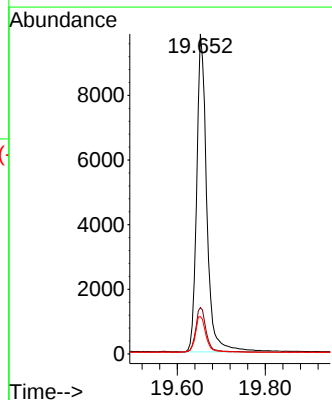
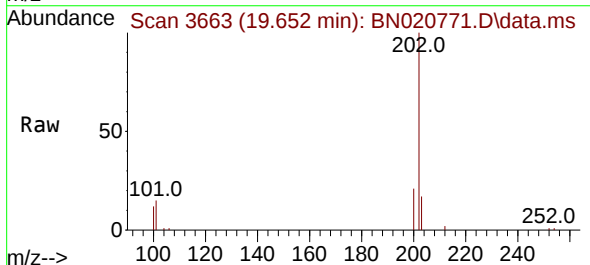
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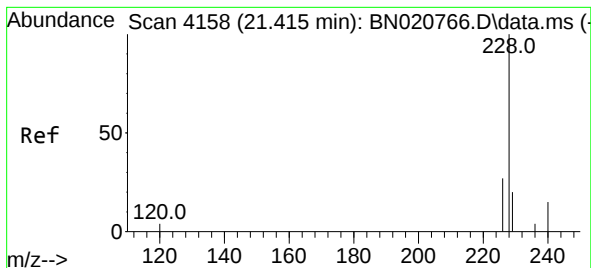
Tgt Ion:202 Resp: 14672
Ion Ratio Lower Upper
202 100
101 12.4 10.3 15.5
100 9.8 7.8 11.6



#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.652 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

Tgt Ion:202 Resp: 15707
Ion Ratio Lower Upper
202 100
101 14.5 11.6 17.4
100 11.7 9.2 13.8





#21

Benzo(a)anthracene

Concen: 0.325 ng/ul

RT: 21.416 min Scan# 4158

Delta R.T. 0.001 min

Lab File: BN020771.D

Acq: 19 Jul 2022 12:48

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BNA_N

ClientSampleId :

GBHP4MS

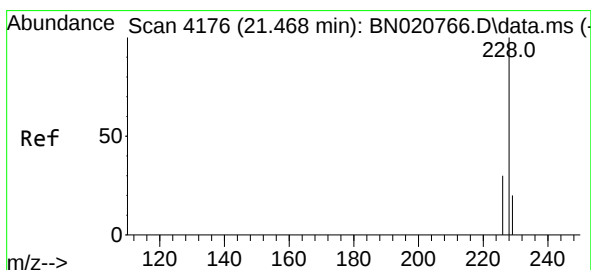
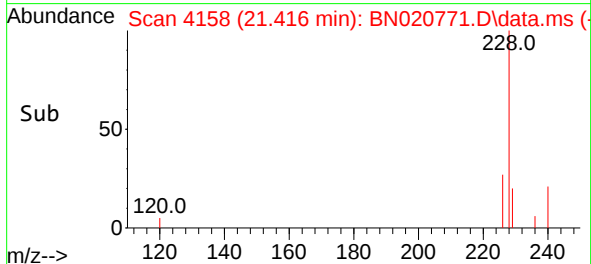
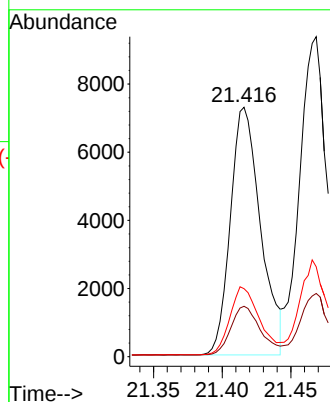
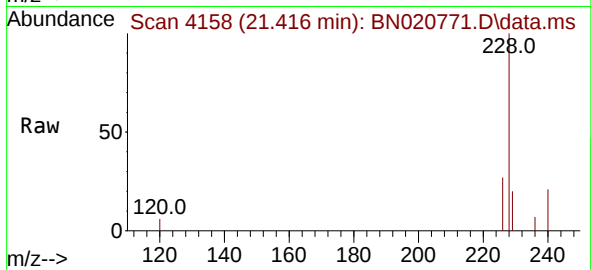
Tgt Ion:228 Resp: 11121

Ion Ratio Lower Upper

228 100

229 20.2 15.9 23.9

226 27.2 22.2 33.2



#22

Chrysene

Concen: 0.376 ng/ul

RT: 21.468 min Scan# 4176

Delta R.T. 0.001 min

Lab File: BN020771.D

Acq: 19 Jul 2022 12:48

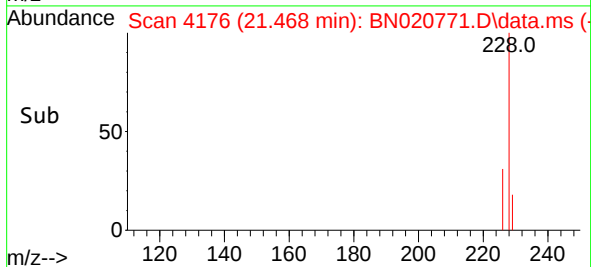
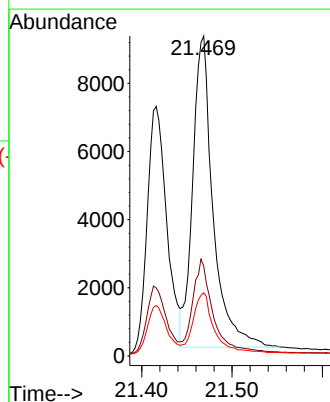
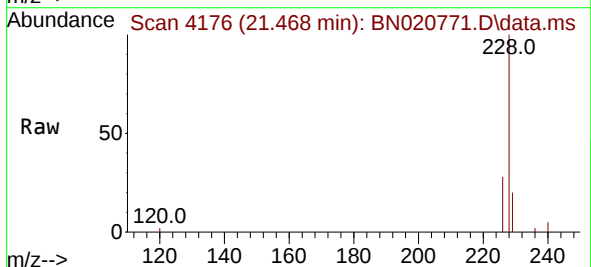
Tgt Ion:228 Resp: 14318

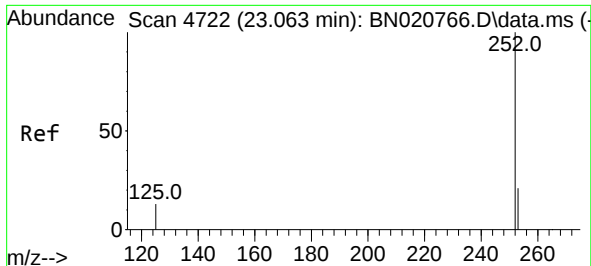
Ion Ratio Lower Upper

228 100

226 28.1 23.9 35.9

229 19.8 15.8 23.8

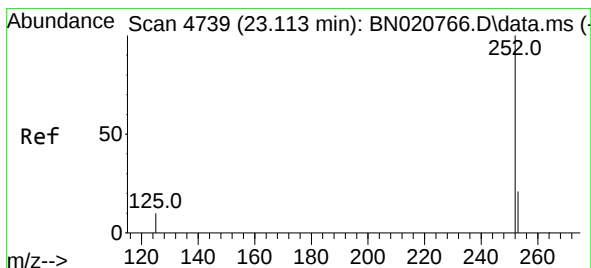
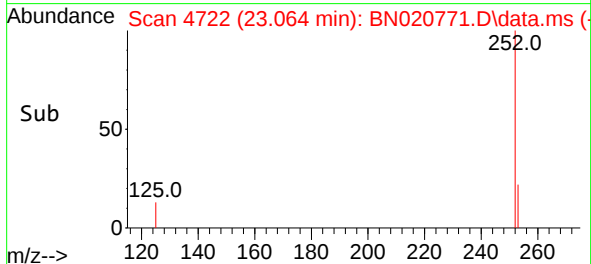
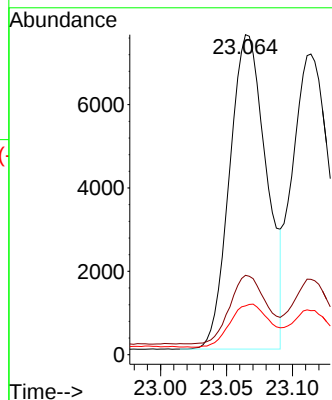
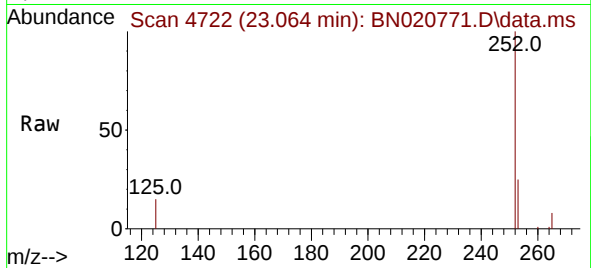




#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.064 min Scan# 4722
Delta R.T. 0.001 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

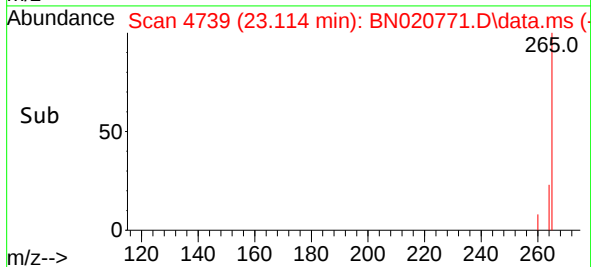
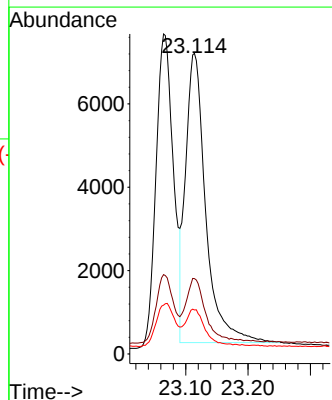
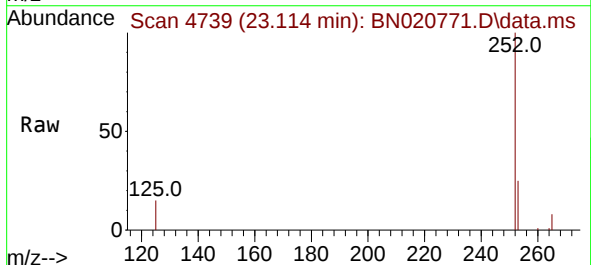
Instrument :
BNA_N
ClientSampleId :
GBHP4MS

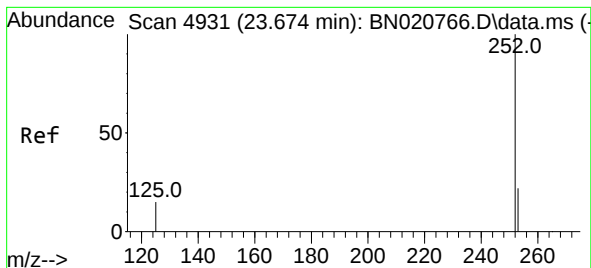
Tgt Ion:252 Resp: 14703
Ion Ratio Lower Upper
252 100
253 24.8 0.0 48.6
125 15.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.114 min Scan# 4739
Delta R.T. 0.001 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

Tgt Ion:252 Resp: 15592
Ion Ratio Lower Upper
252 100
253 25.1 19.7 29.5
125 14.7 12.0 18.0





#26

Benzo(a)pyrene

Concen: 0.368 ng/ul

RT: 23.675 min Scan# 4931

Delta R.T. 0.001 min

Lab File: BN020771.D

Acq: 19 Jul 2022 12:48

Instrument :

BNA_N

ClientSampleId :

GBHP4MS

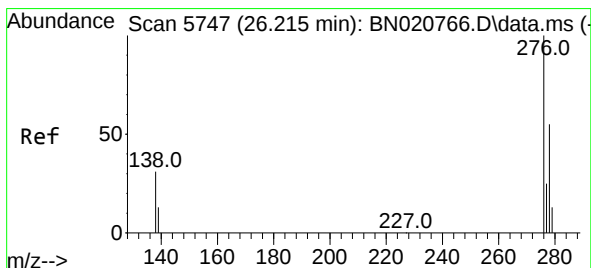
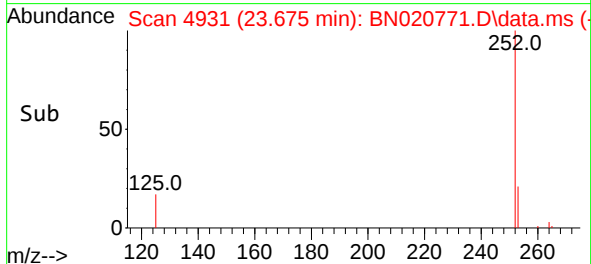
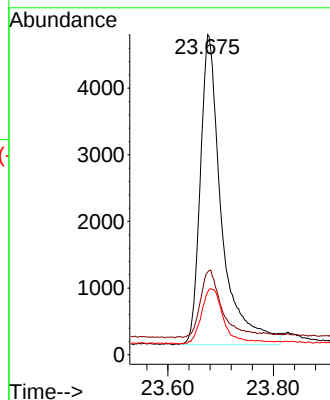
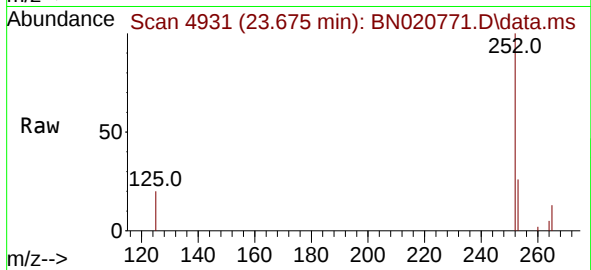
Tgt Ion:252 Resp: 13032

Ion Ratio Lower Upper

252 100

253 25.9 21.0 31.4

125 19.5 18.8 28.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.400 ng/ul

RT: 26.220 min Scan# 5748

Delta R.T. 0.004 min

Lab File: BN020771.D

Acq: 19 Jul 2022 12:48

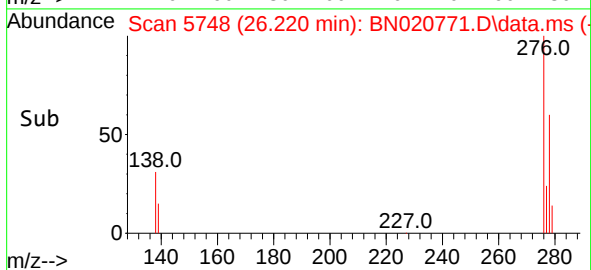
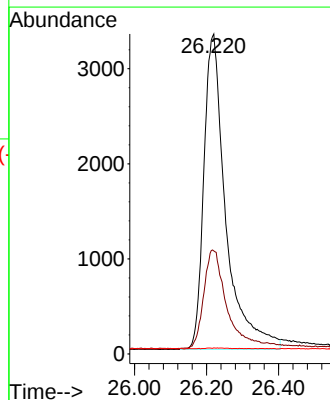
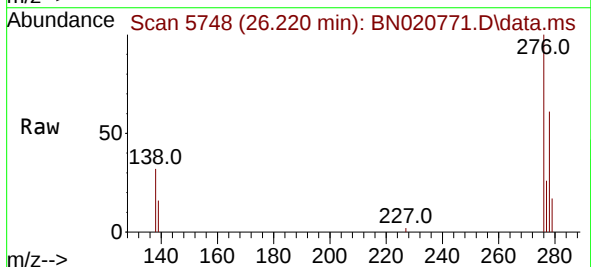
Tgt Ion:276 Resp: 14065

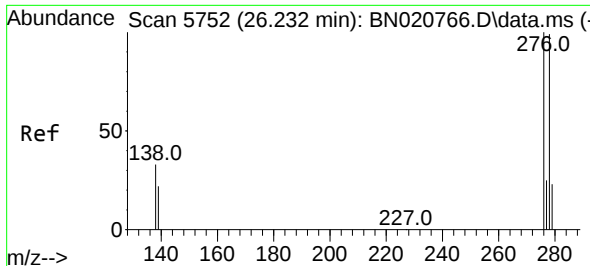
Ion Ratio Lower Upper

276 100

138 33.7 27.4 41.2

227 0.2 0.2 0.2#

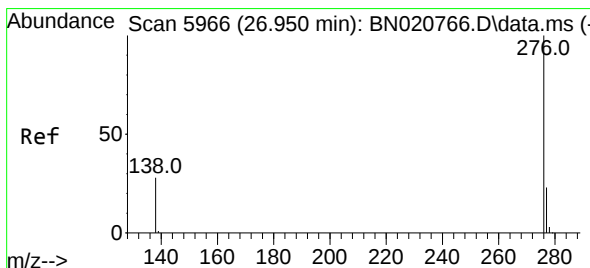
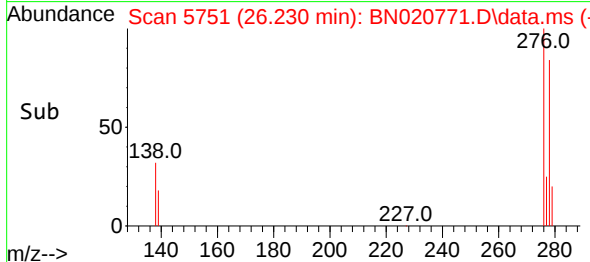
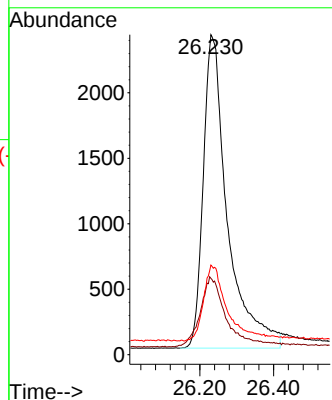
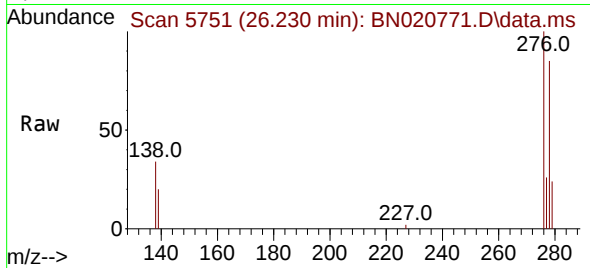




#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 26.230 min Scan# 51
Delta R.T. -0.002 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

Instrument :
BNA_N
ClientSampleId :
GBHP4MS

Tgt Ion:278 Resp: 10894
Ion Ratio Lower Upper
278 100
139 23.9 18.8 28.2
279 28.0 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 26.951 min Scan# 5966
Delta R.T. 0.001 min
Lab File: BN020771.D
Acq: 19 Jul 2022 12:48

Tgt Ion:276 Resp: 12881
Ion Ratio Lower Upper
276 100
138 30.0 23.5 35.3
277 24.6 20.1 30.1

