

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030106.D
 Acq On : 27 Feb 2024 23:45
 Operator : MA/JU
 Sample : P1508-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH3Z5MS

Quant Time: Feb 28 00:51:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 23:49:29 2024
 Response via : Initial Calibration

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

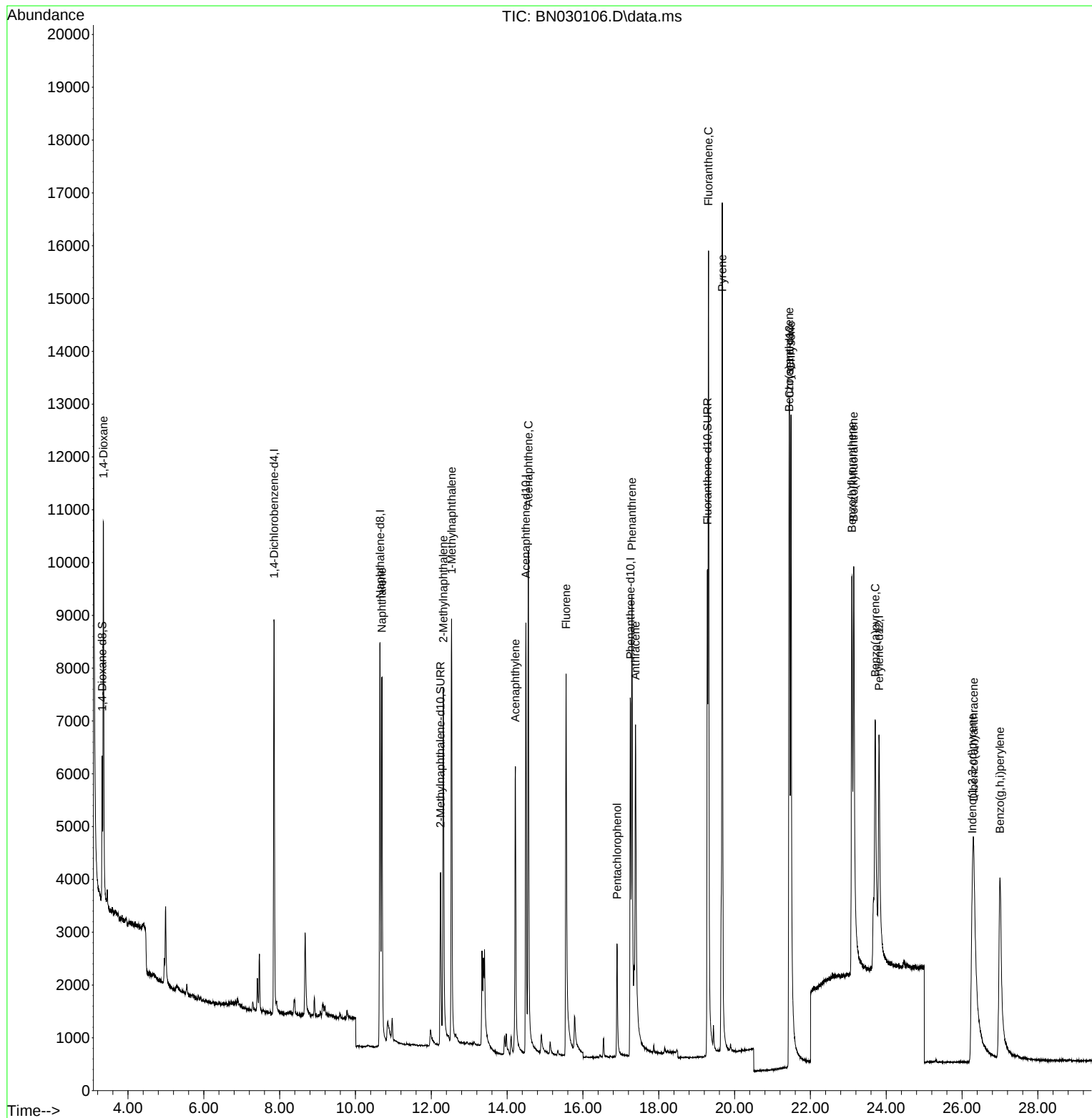
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4203	0.400	ng/ul	0.00
4) Naphthalene-d8	10.649	136	11829	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.496	164	5251	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.254	188	10280	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	8328	0.400	ng/ul	-0.02
23) Perylene-d12	23.812	264	7101	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1824	0.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	5118	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.284	212	11889	0.434	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	4810	0.843	ng/ul	96
5) Naphthalene	10.699	128	10680	0.321	ng/ul	99
7) 2-Methylnaphthalene	12.315	142	5824	0.305	ng/ul	99
8) 1-Methylnaphthalene	12.535	142	6180	0.318	ng/ul	99
10) Acenaphthylene	14.218	152	8148	0.318	ng/ul	98
11) Acenaphthene	14.561	153	6620	0.340	ng/ul	99
12) Fluorene	15.555	166	7054	0.346	ng/ul	98
14) Pentachlorophenol	16.899	266	1762	0.769	ng/ul#	51
15) Phenanthrene	17.292	178	11618	0.362	ng/ul	98
16) Anthracene	17.389	178	9680	0.358	ng/ul	99
19) Fluoranthene	19.312	202	14574	0.381	ng/ul	99
20) Pyrene	19.675	202	15526	0.396	ng/ul	99
21) Benzo(a)anthracene	21.438	228	10840	0.361	ng/ul	100
22) Chrysene	21.488	228	13434	0.409	ng/ul	100
24) Benzo(b)fluoranthene	23.092	252	12030	0.450	ng/ul	99
25) Benzo(k)fluoranthene	23.142	252	14261	0.481	ng/ul	98
26) Benzo(a)pyrene	23.712	252	11024	0.439	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.269	276	12367	0.406	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.309	278	9484	0.396	ng/ul#	92
29) Benzo(g,h,i)perylene	27.000	276	11741	0.424	ng/ul	97

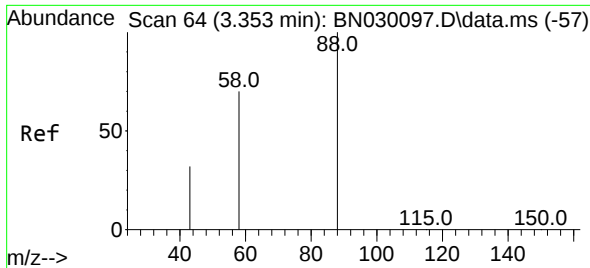
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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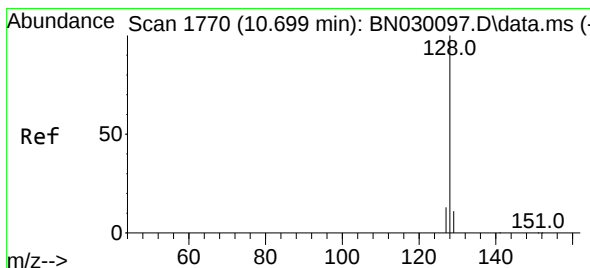
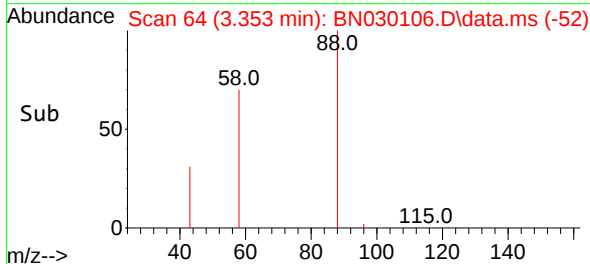
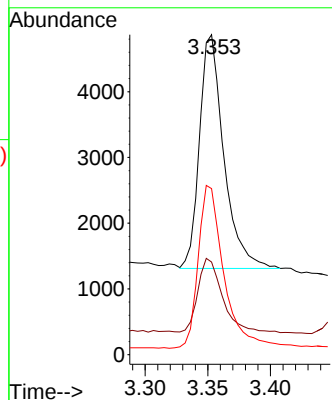
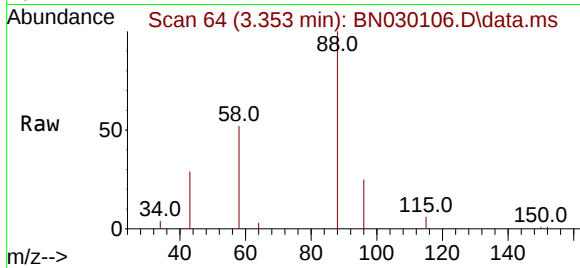




#2
1,4-Dioxane
Concen: 0.843 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

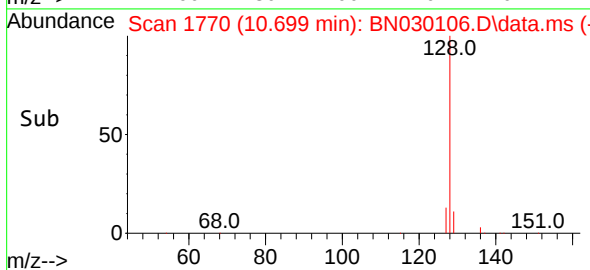
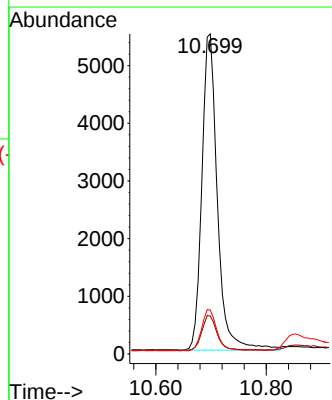
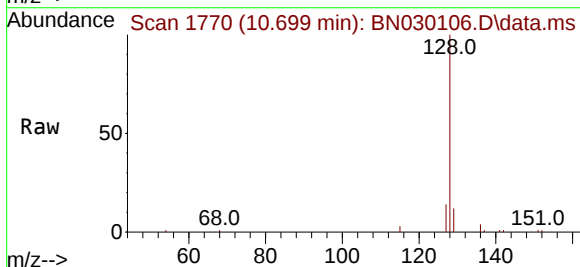
Instrument :
BNA_N
ClientSampleId :
BH3Z5MS

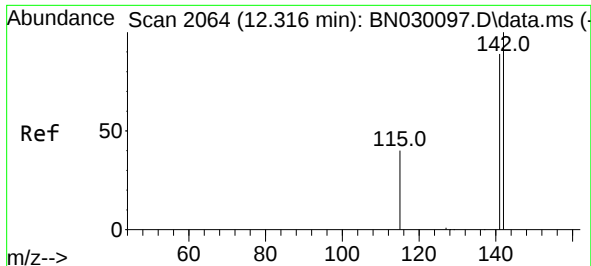
Tgt Ion: 88 Resp: 4810
Ion Ratio Lower Upper
88 100
43 29.0 21.8 32.6
58 51.9 39.3 58.9



#5
Naphthalene
Concen: 0.321 ng/ul
RT: 10.699 min Scan# 1770
Delta R.T. -0.001 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

Tgt Ion:128 Resp: 10680
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.8 11.0 16.6

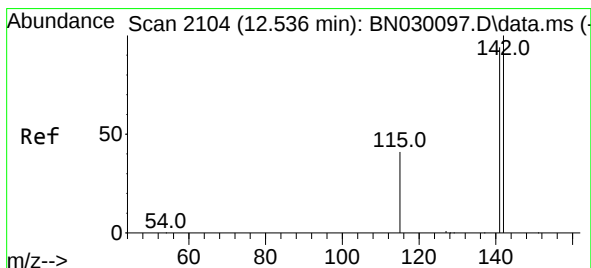
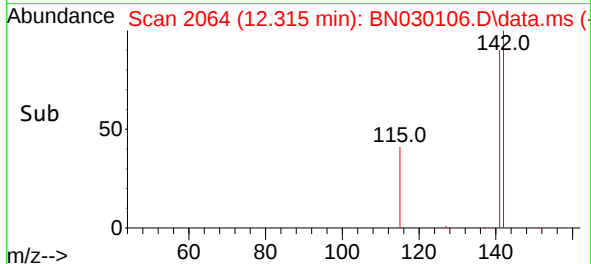
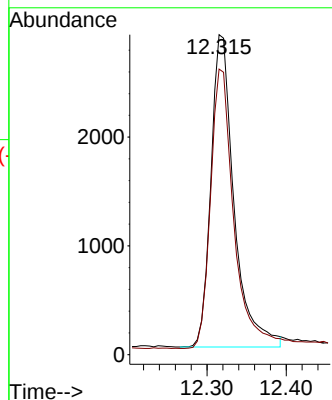
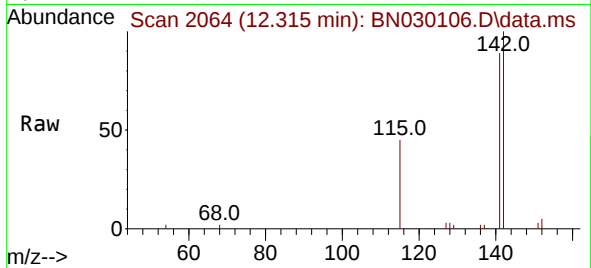




#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.315 min Scan# 2064
Delta R.T. -0.001 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

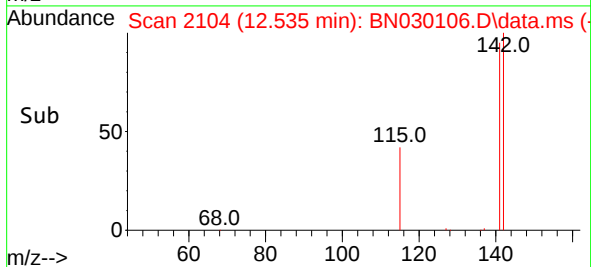
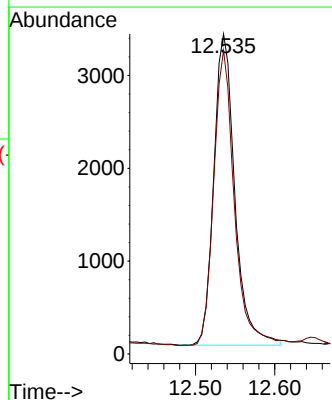
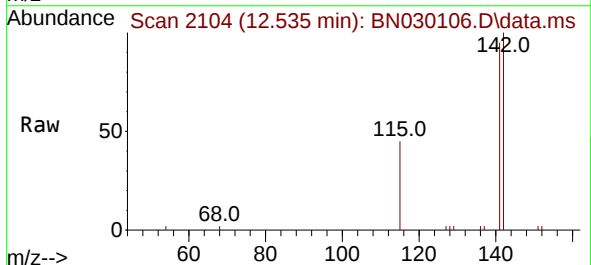
Instrument :
BNA_N
ClientSampleId :
BH3Z5MS

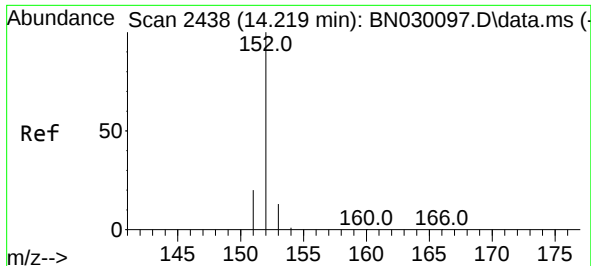
Tgt Ion:142 Resp: 5824
Ion Ratio Lower Upper
142 100
141 90.7 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.535 min Scan# 2104
Delta R.T. -0.001 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

Tgt Ion:142 Resp: 6180
Ion Ratio Lower Upper
142 100
141 93.3 73.9 110.9

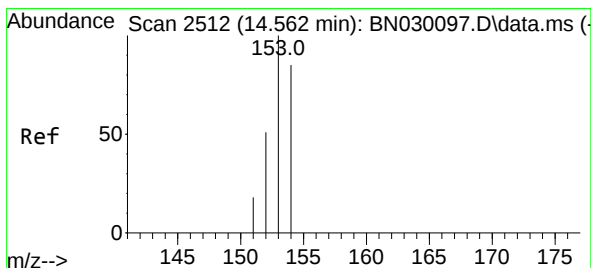
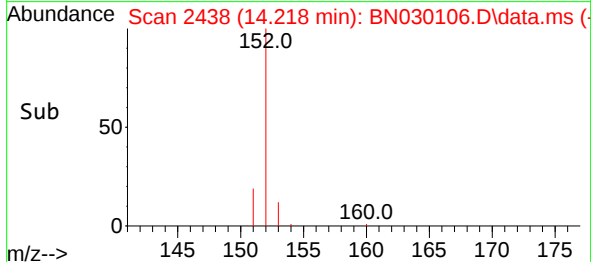
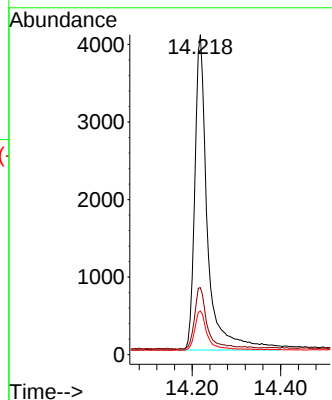
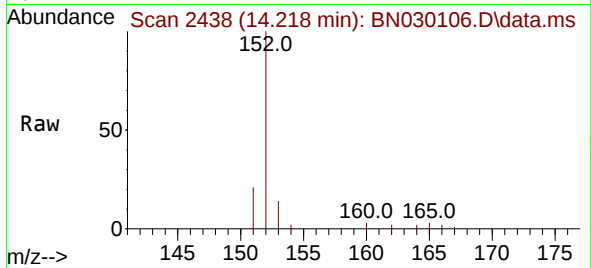




#10
Acenaphthylene
Concen: 0.318 ng/ul
RT: 14.218 min Scan# 2438
Delta R.T. -0.001 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

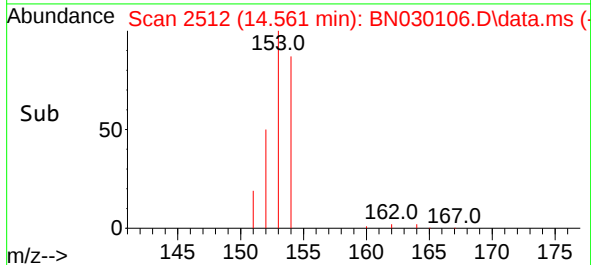
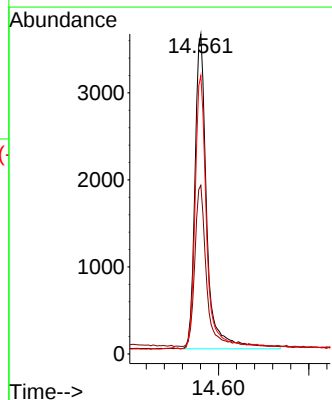
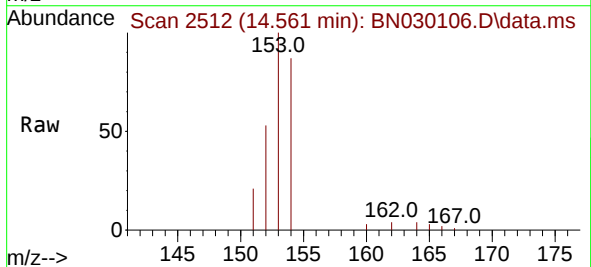
Instrument :
BNA_N
ClientSampleId :
BH3Z5MS

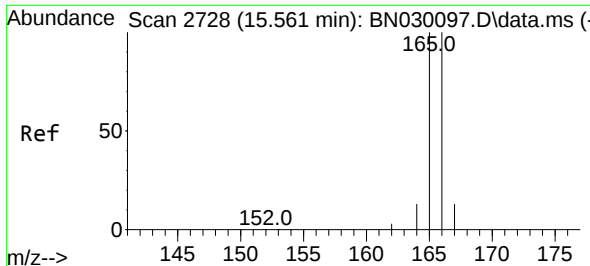
Tgt Ion:152 Resp: 8148
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.8
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.561 min Scan# 2512
Delta R.T. -0.001 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

Tgt Ion:153 Resp: 6620
Ion Ratio Lower Upper
153 100
152 52.7 41.5 62.3
154 87.0 70.9 106.3

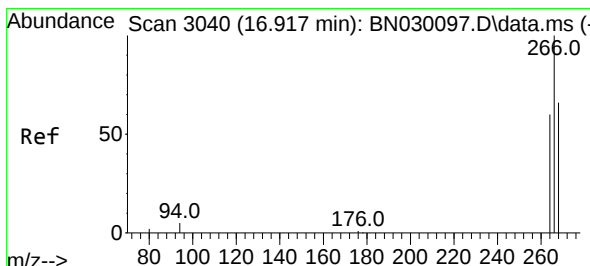
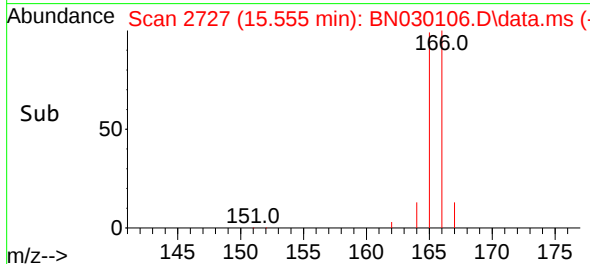
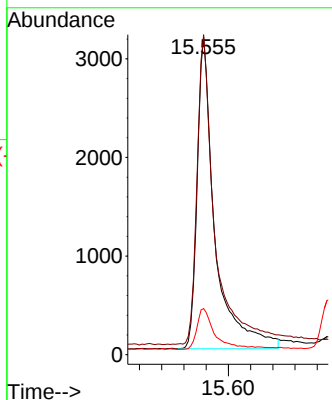
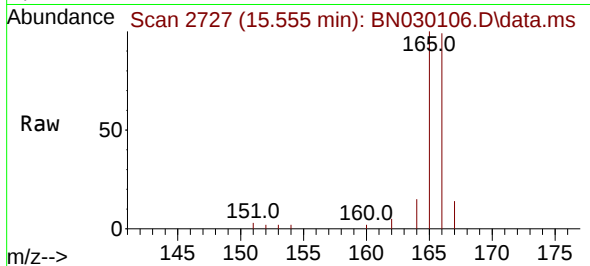




#12
 Fluorene
 Concen: 0.346 ng/ul
 RT: 15.555 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN030106.D
 Acq: 27 Feb 2024 23:45

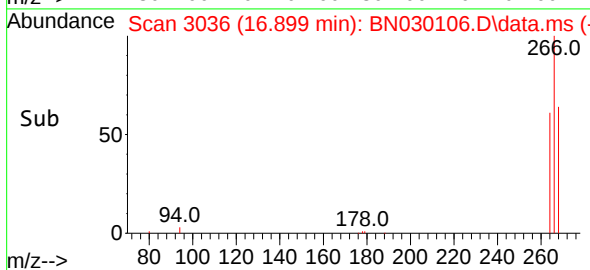
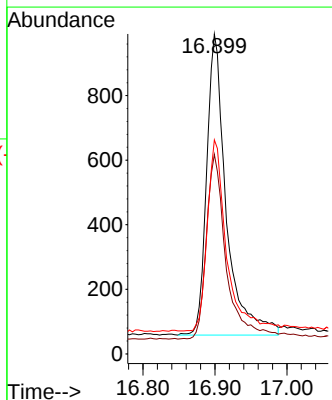
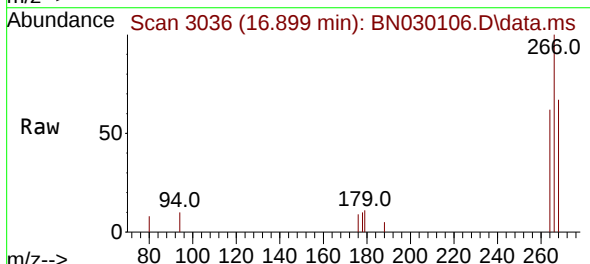
Instrument :
 BNA_N
 ClientSampleId :
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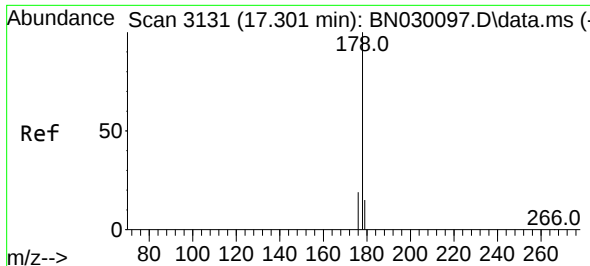
Tgt Ion:	166	Resp:	7054
Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.6	117.8
167	14.5	11.5	17.3



#14
 Pentachlorophenol
 Concen: 0.769 ng/ul
 RT: 16.899 min Scan# 3036
 Delta R.T. -0.018 min
 Lab File: BN030106.D
 Acq: 27 Feb 2024 23:45

Tgt Ion:	266	Resp:	1762
Ion	Ratio	Lower	Upper
266	100		
264	62.2	0.0	0.0#
268	62.7	0.2	0.2#

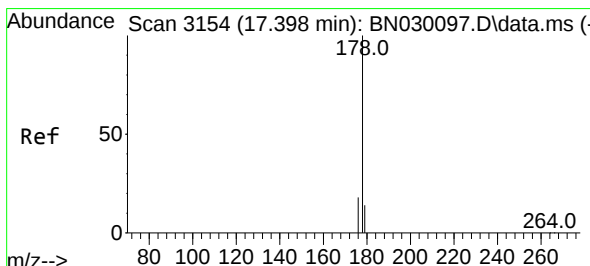
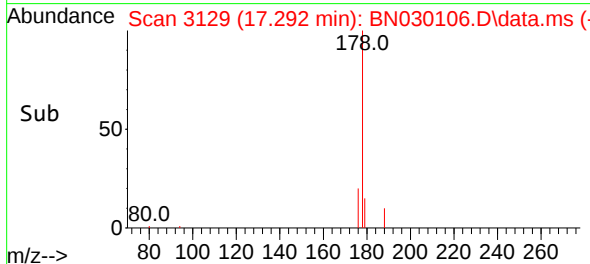
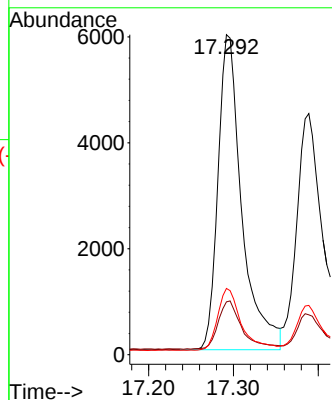
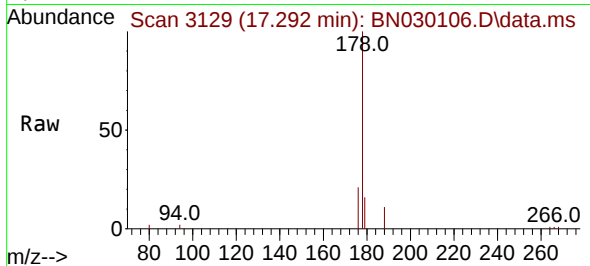




#15
Phenanthrene
Concen: 0.362 ng/ul
RT: 17.292 min Scan# 311
Delta R.T. -0.009 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

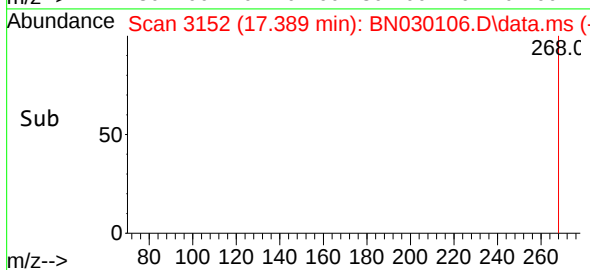
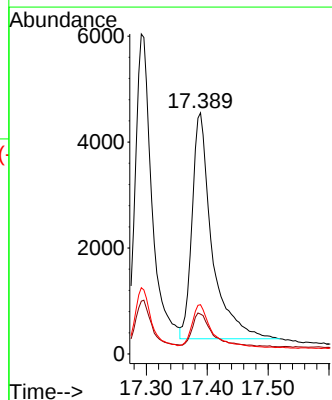
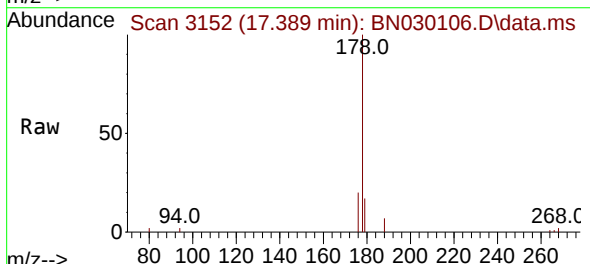
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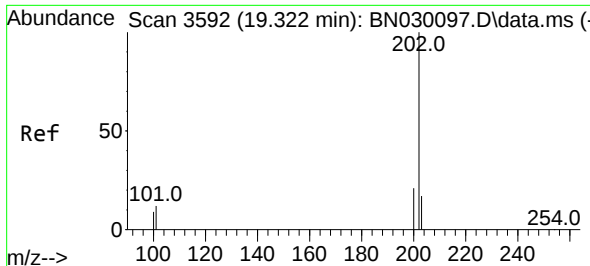
Tgt Ion:178 Resp: 11618
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 20.7 15.7 23.5



#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.389 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

Tgt Ion:178 Resp: 9680
Ion Ratio Lower Upper
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179 16.5 12.9 19.3
176 20.5 15.8 23.8

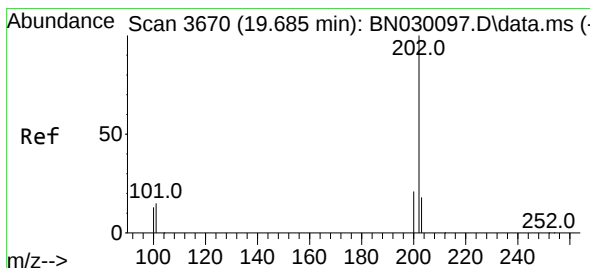
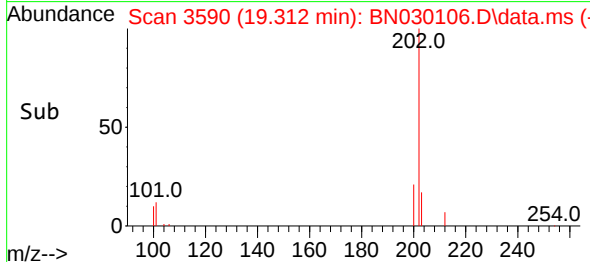
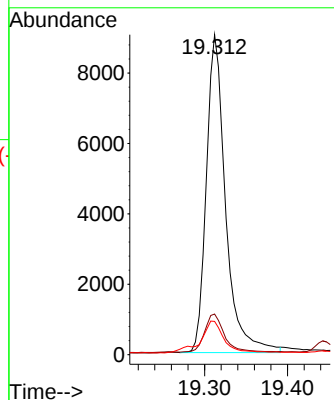
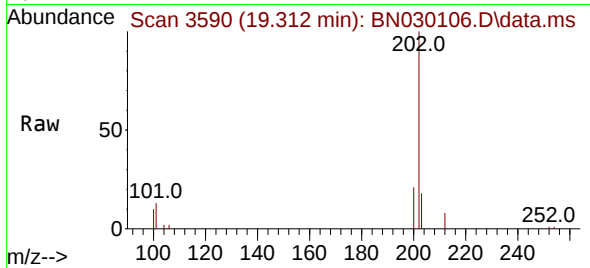




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.312 min Scan# 3590
Delta R.T. -0.010 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

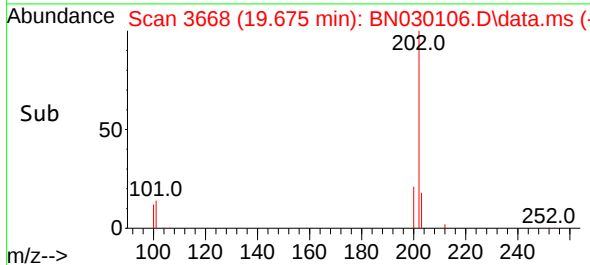
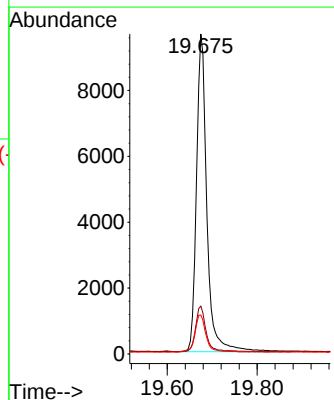
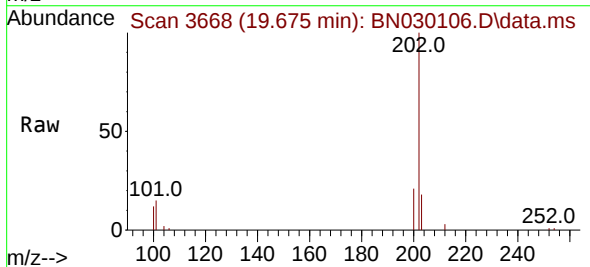
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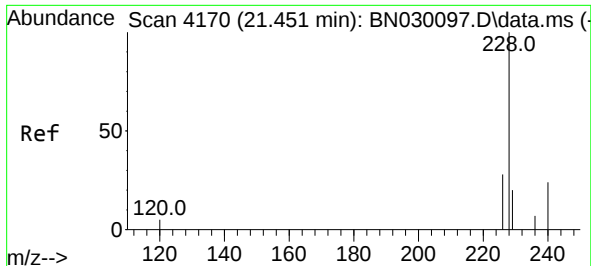
Tgt Ion:202 Resp: 14574
Ion Ratio Lower Upper
202 100
101 12.7 10.4 15.6
100 10.4 8.5 12.7



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.675 min Scan# 3668
Delta R.T. -0.010 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

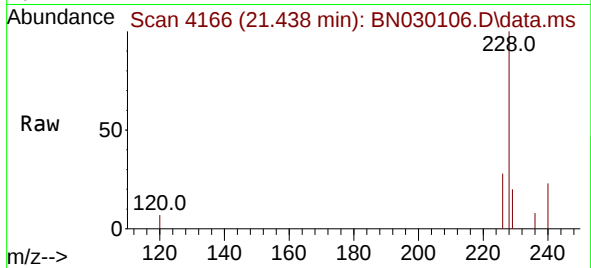
Tgt Ion:202 Resp: 15526
Ion Ratio Lower Upper
202 100
101 15.0 12.5 18.7
100 12.1 10.0 15.0



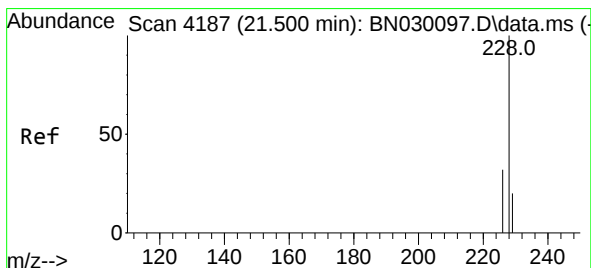
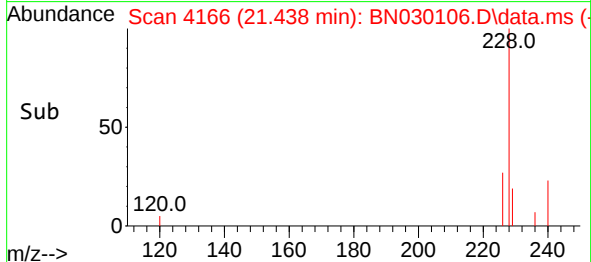
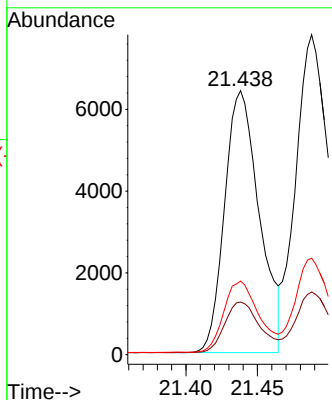


#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. -0.013 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

Instrument :
BNA_N
ClientSampleId :
BH3Z5MS

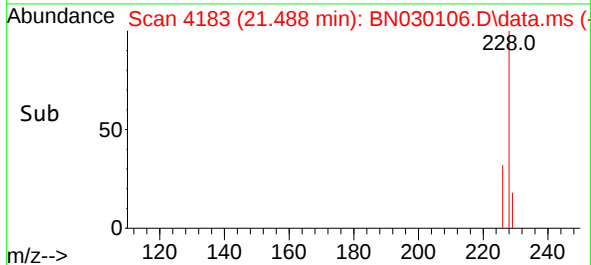
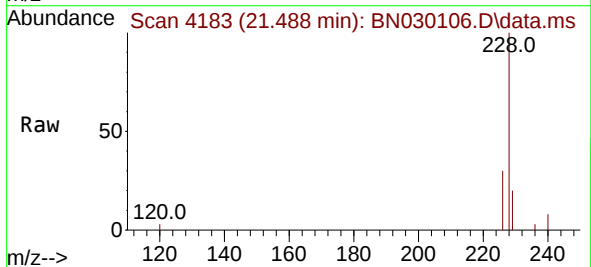
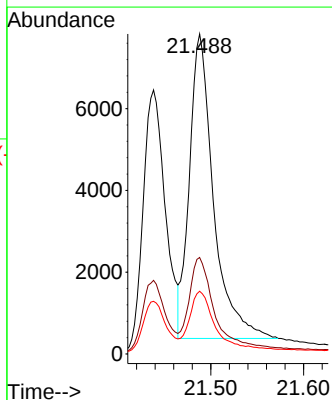


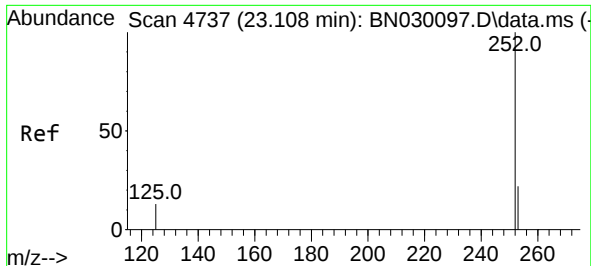
Tgt Ion:228 Resp: 10840
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.9 22.2 33.4



#22
Chrysene
Concen: 0.409 ng/ul
RT: 21.488 min Scan# 4183
Delta R.T. -0.013 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

Tgt Ion:228 Resp: 13434
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.6 15.7 23.5

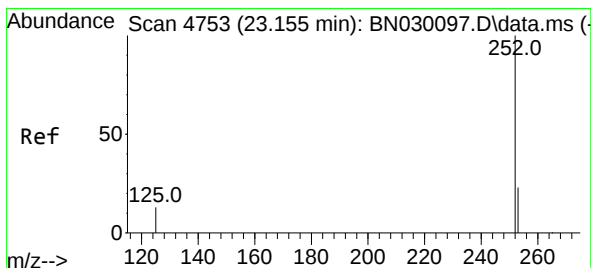
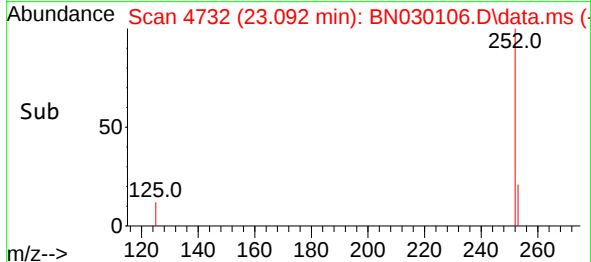
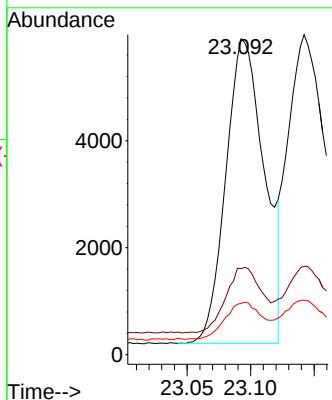
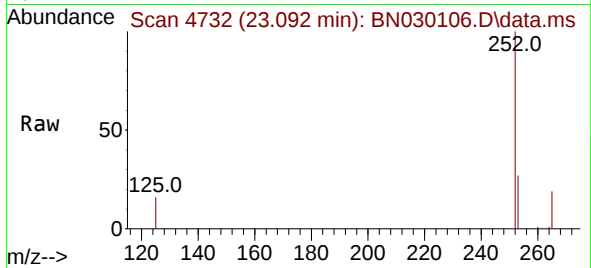




#24
Benzo(b)fluoranthene
Concen: 0.450 ng/ul
RT: 23.092 min Scan# 4732
Delta R.T. -0.016 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

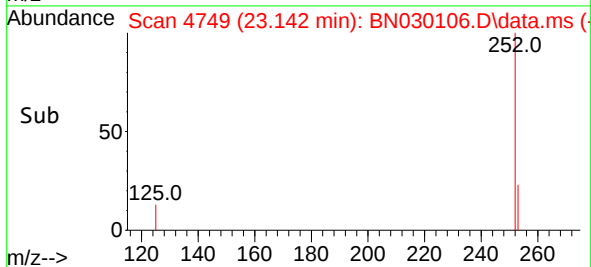
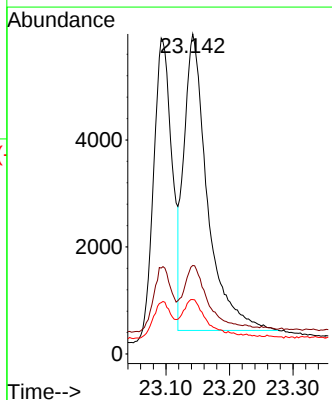
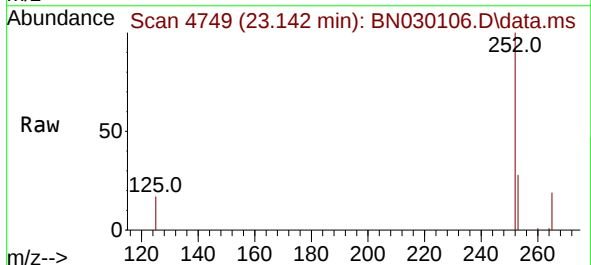
Instrument :
BNA_N
ClientSampleId :
BH3Z5MS

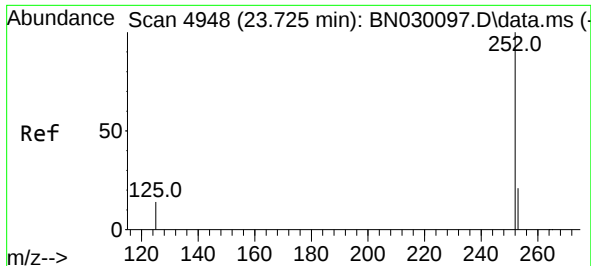
Tgt Ion:252 Resp: 12030
Ion Ratio Lower Upper
252 100
253 27.2 0.0 56.8
125 16.3 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.481 ng/ul
RT: 23.142 min Scan# 4749
Delta R.T. -0.013 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

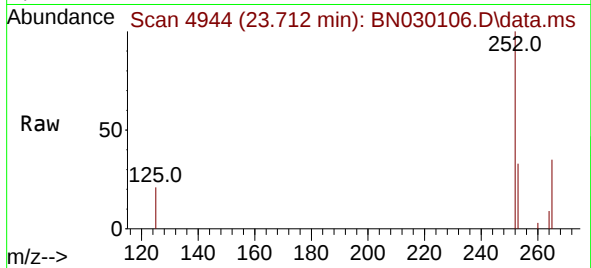
Tgt Ion:252 Resp: 14261
Ion Ratio Lower Upper
252 100
253 27.7 22.6 33.8
125 17.0 15.3 22.9



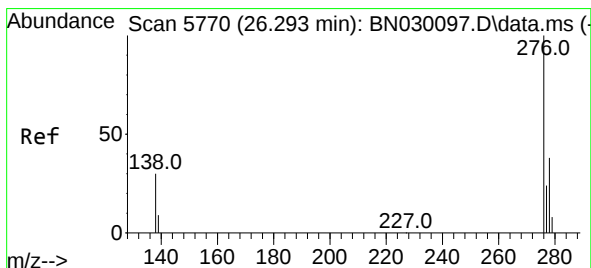
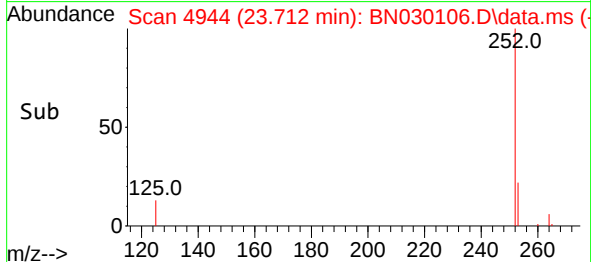
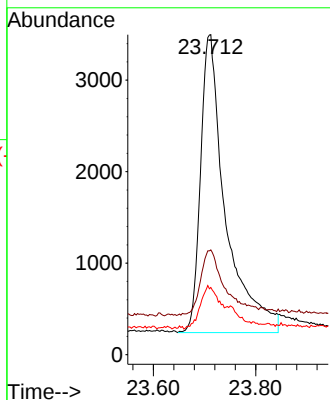


#26
Benzo(a)pyrene
Concen: 0.439 ng/ul
RT: 23.712 min Scan# 4948
Delta R.T. -0.013 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

Instrument :
BNA_N
ClientSampleId :
BH3Z5MS

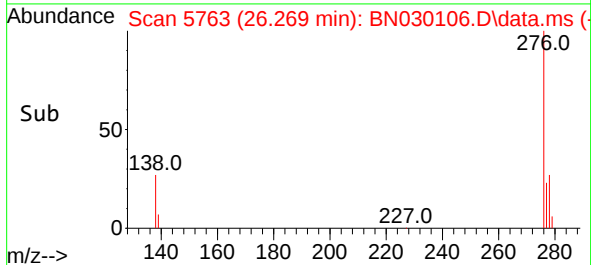
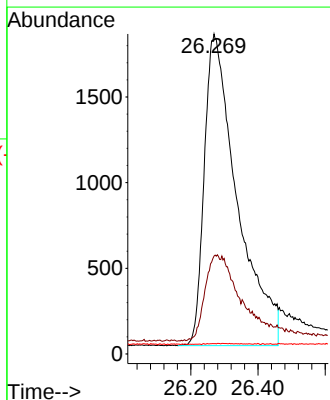
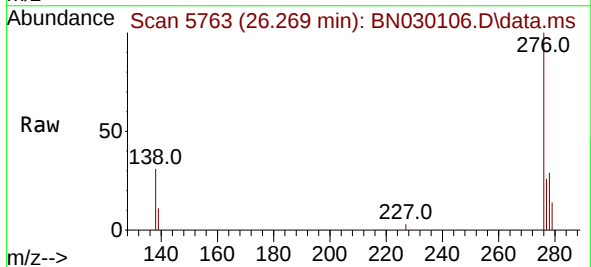


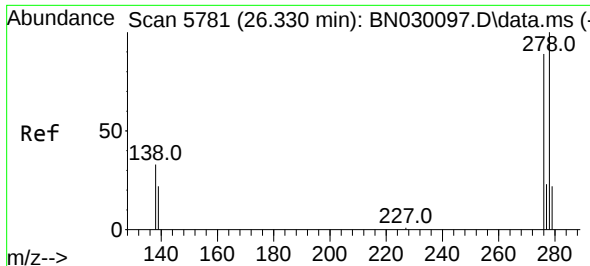
Tgt Ion:252 Resp: 11024
Ion Ratio Lower Upper
252 100
253 32.7 25.4 38.0
125 21.0 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.269 min Scan# 5763
Delta R.T. -0.024 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

Tgt Ion:276 Resp: 12367
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.0 0.0 0.0#

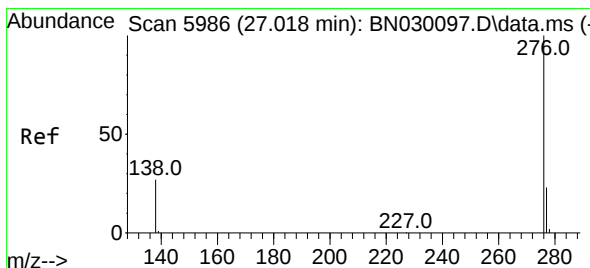
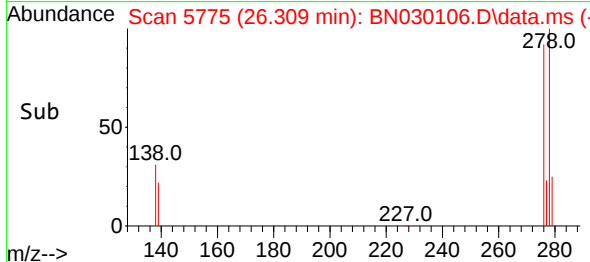
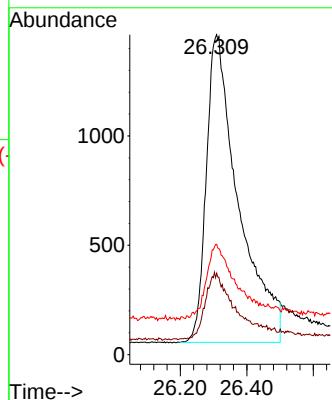
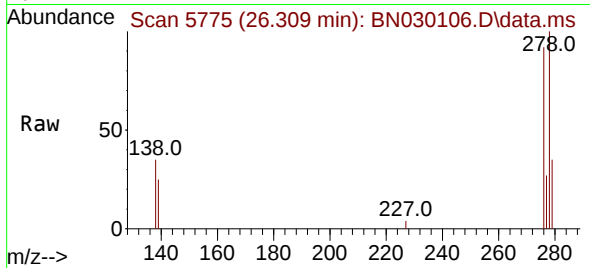




#28
Dibenzo(a,h)anthracene
Concen: 0.396 ng/ul
RT: 26.309 min Scan# 51
Delta R.T. -0.021 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

Instrument :
BNA_N
ClientSampleId :
BH3Z5MS

Tgt Ion:278 Resp: 9484
Ion Ratio Lower Upper
278 100
139 25.4 19.0 28.4
279 34.5 22.6 34.0#



#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 27.000 min Scan# 5981
Delta R.T. -0.018 min
Lab File: BN030106.D
Acq: 27 Feb 2024 23:45

Tgt Ion:276 Resp: 11741
Ion Ratio Lower Upper
276 100
138 28.8 24.6 37.0
277 25.6 19.7 29.5

