

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070723\
 Data File : BN026370.D
 Acq On : 07 Jul 2023 22:34
 Operator : MA/JU
 Sample : 03237-04MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW77MS

Quant Time: Jul 08 04:47:12 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 14:46:07 2023
 Response via : Initial Calibration

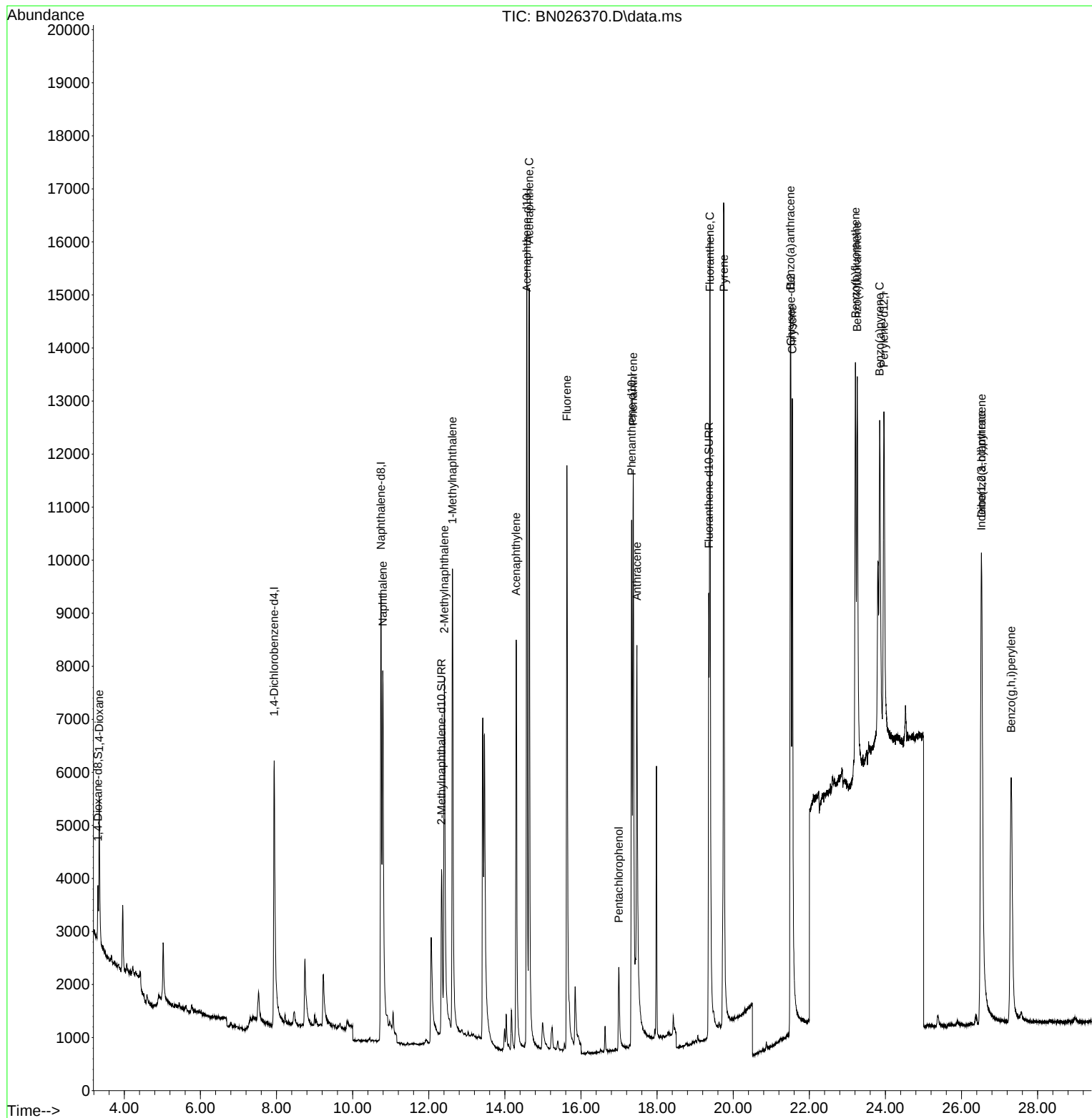
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	4671	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	17116	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	10385	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	15569	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	9905	0.400	ng/ul	-0.01
23) Perylene-d12	23.961	264	10254	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	858	0.163	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	6129	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	11737	0.311	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	2123	0.380	ng/ul	96
5) Naphthalene	10.792	128	12577	0.256	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	6935	0.222	ng/ul	98
8) 1-Methylnaphthalene	12.624	142	7691	0.238	ng/ul	99
10) Acenaphthylene	14.297	152	12042	0.248	ng/ul	99
11) Acenaphthene	14.640	153	10702	0.269	ng/ul	96
12) Fluorene	15.630	166	10202	0.224	ng/ul	100
14) Pentachlorophenol	16.997	266	1598	0.286	ng/ul	99
15) Phenanthrene	17.372	178	14737	0.287	ng/ul	98
16) Anthracene	17.469	178	12223	0.267	ng/ul	96
19) Fluoranthene	19.387	202	16220	0.307	ng/ul	99
20) Pyrene	19.754	202	17135	0.311	ng/ul	97
21) Benzo(a)anthracene	21.503	228	11721	0.287	ng/ul	98
22) Chrysene	21.552	228	13247	0.312	ng/ul	98
24) Benzo(b)fluoranthene	23.213	252	12302	0.281	ng/ul	91
25) Benzo(k)fluoranthene	23.259	252	12716	0.289	ng/ul#	91
26) Benzo(a)pyrene	23.850	252	11429	0.301	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.517	276	15146	0.365	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.527	278	11534	0.367	ng/ul	96
29) Benzo(g,h,i)perylene	27.305	276	13591	0.368	ng/ul	98

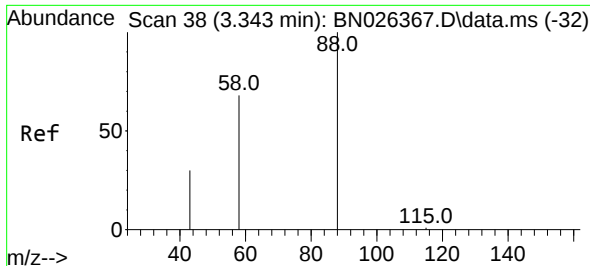
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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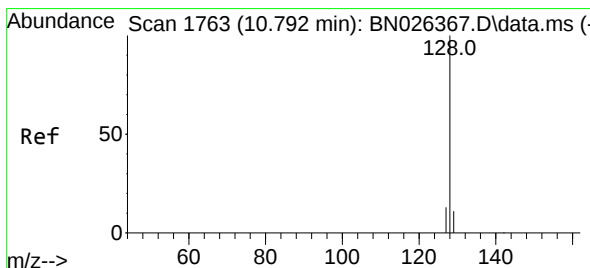
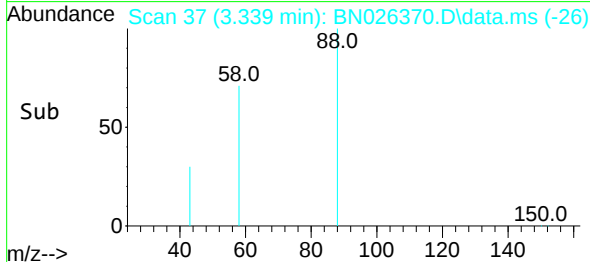
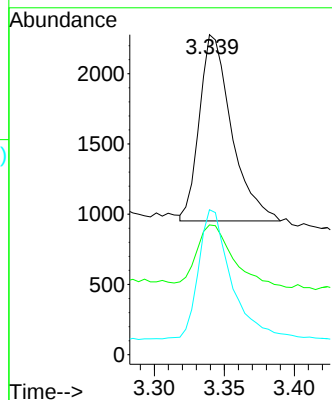
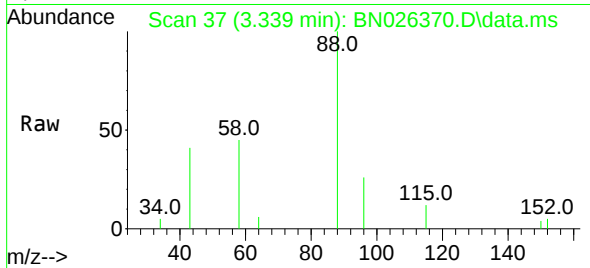




#2
1,4-Dioxane
Concen: 0.380 ng/ul
RT: 3.339 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

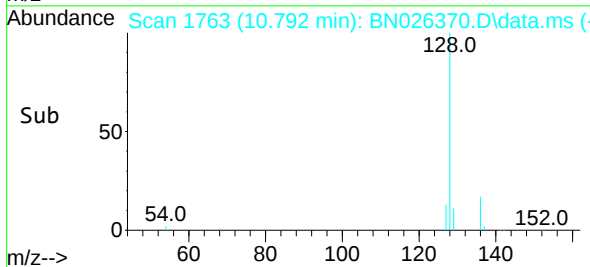
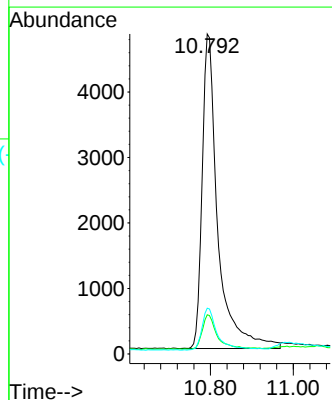
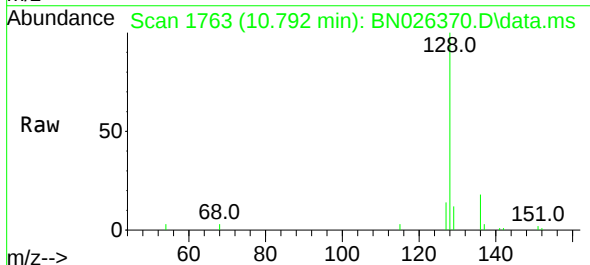
Instrument :
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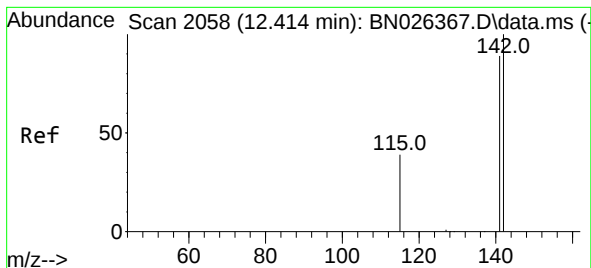
Tgt Ion: 88 Resp: 2123
Ion Ratio Lower Upper
88 100
43 40.6 29.5 44.3
58 45.3 37.4 56.2



#5
Naphthalene
Concen: 0.256 ng/ul
RT: 10.792 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

Tgt Ion: 128 Resp: 12577
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 14.3 10.7 16.1

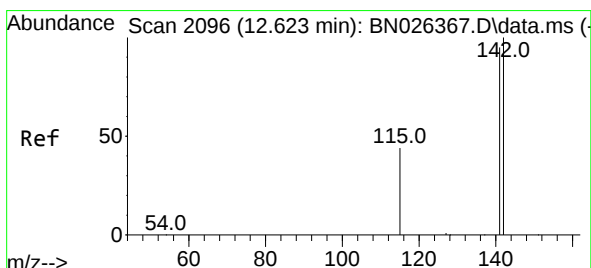
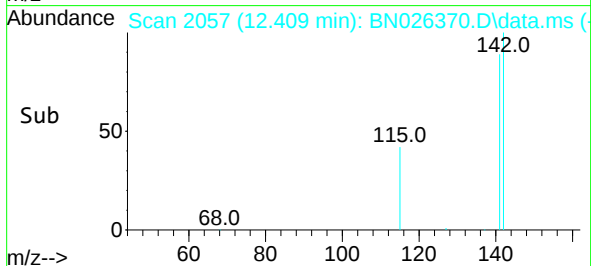
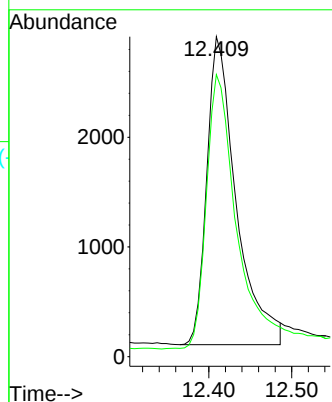
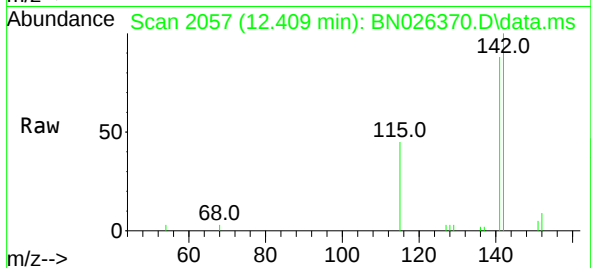




#7
2-Methylnaphthalene
Concen: 0.222 ng/ul
RT: 12.409 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

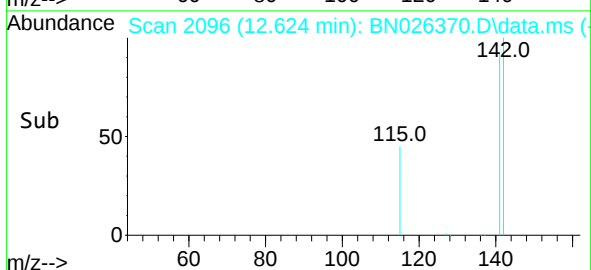
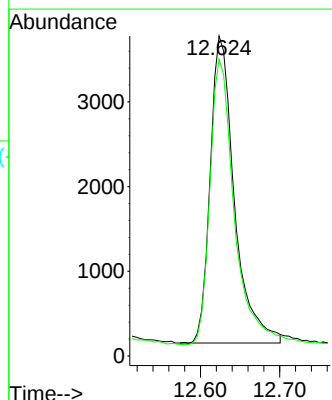
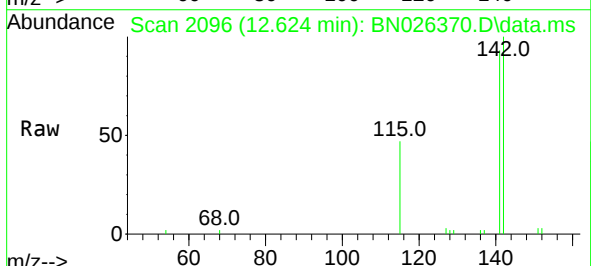
Instrument :
BNA_N
ClientSampleId :
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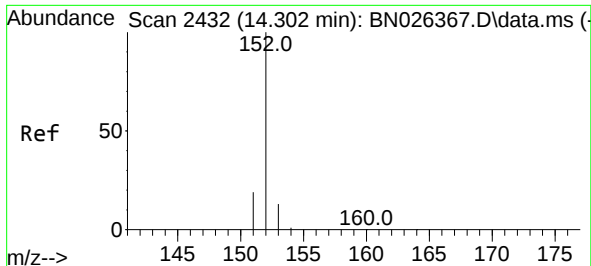
Tgt Ion:142 Resp: 6935
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 12.624 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

Tgt Ion:142 Resp: 7691
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.4

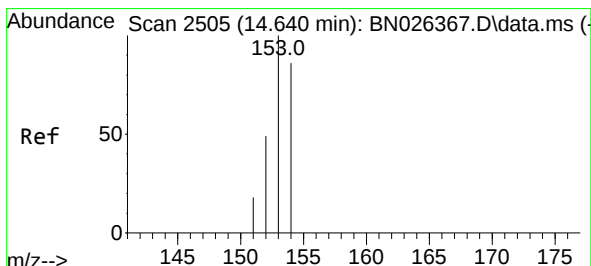
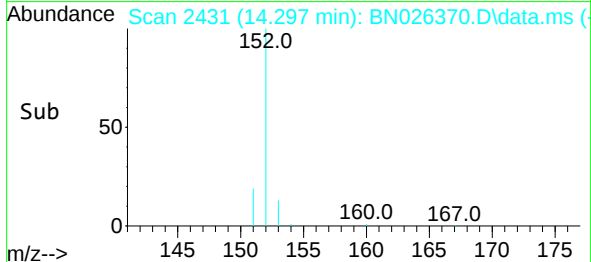
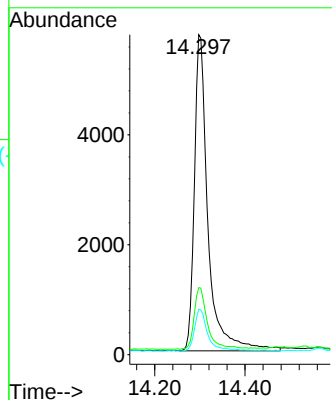
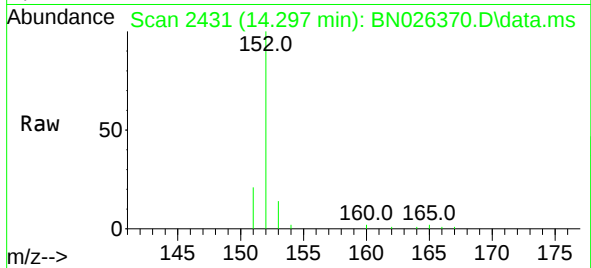




#10
Acenaphthylene
Concen: 0.248 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

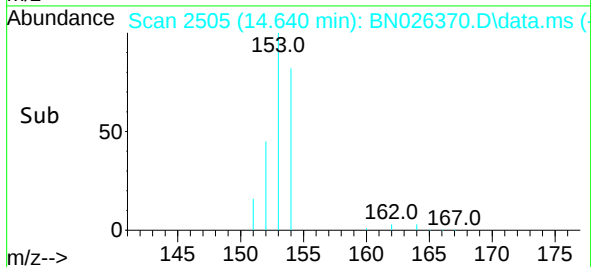
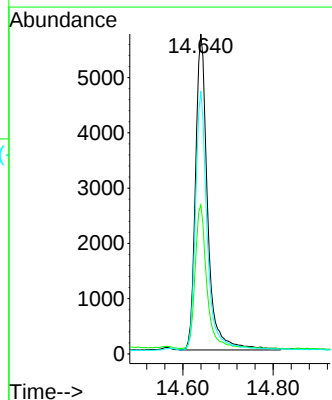
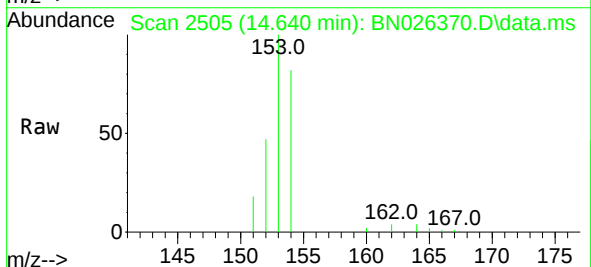
Instrument :
BNA_N
ClientSampleId :
YBW77MS

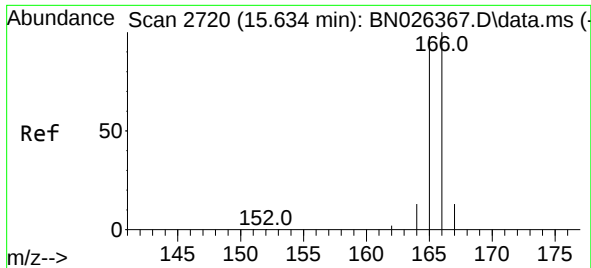
Tgt Ion:152 Resp: 12042
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 14.2 10.9 16.3



#11
Acenaphthene
Concen: 0.269 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

Tgt Ion:153 Resp: 10702
Ion Ratio Lower Upper
153 100
152 46.6 39.4 59.0
154 82.2 68.9 103.3

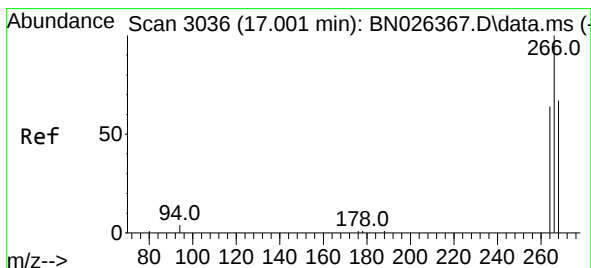
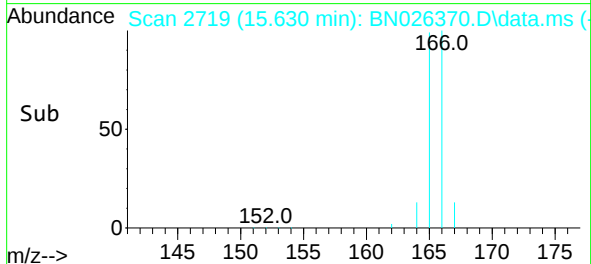
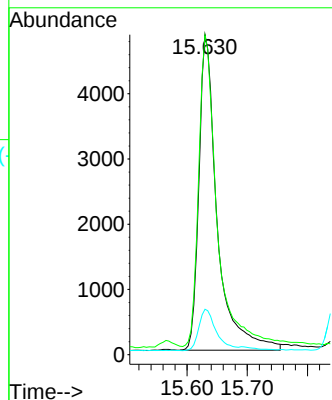
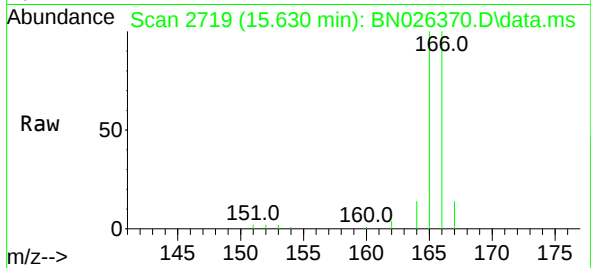




#12
 Fluorene
 Concen: 0.224 ng/ul
 RT: 15.630 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN026370.D
 Acq: 07 Jul 2023 22:34

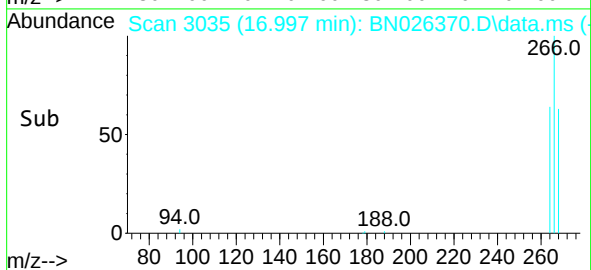
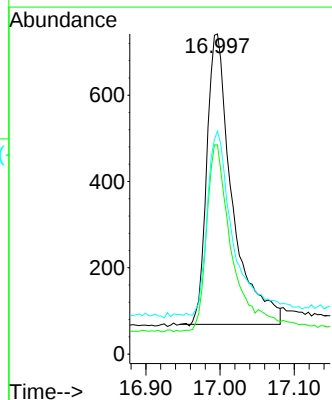
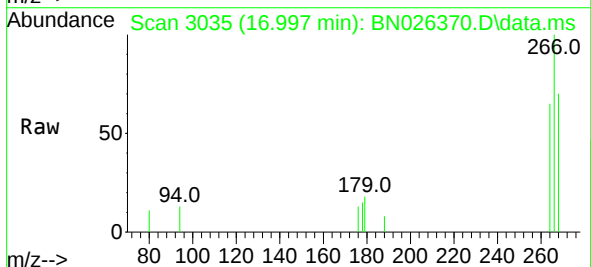
Instrument :
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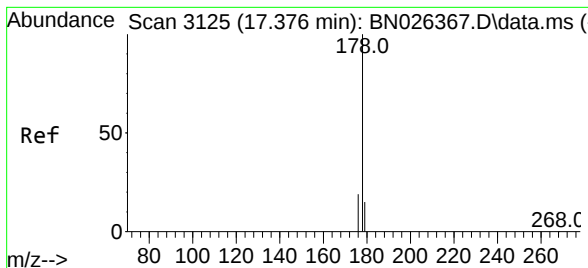
Tgt Ion:166 Resp: 10202
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.9 119.9
 167 14.2 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.286 ng/ul
 RT: 16.997 min Scan# 3035
 Delta R.T. -0.004 min
 Lab File: BN026370.D
 Acq: 07 Jul 2023 22:34

Tgt Ion:266 Resp: 1598
 Ion Ratio Lower Upper
 266 100
 264 64.1 50.5 75.7
 268 64.3 51.6 77.4





#15

Phenanthrene

Concen: 0.287 ng/ul

RT: 17.372 min Scan# 3125

Delta R.T. -0.004 min

Lab File: BN026370.D

Acq: 07 Jul 2023 22:34

Instrument :

BNA_N

ClientSampleId :

YBW77MS

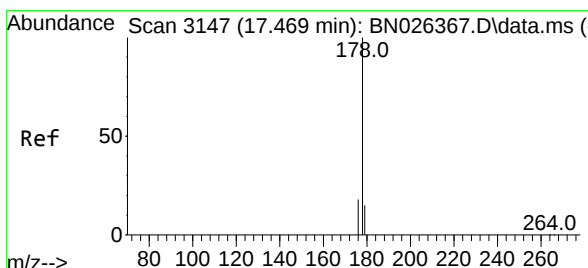
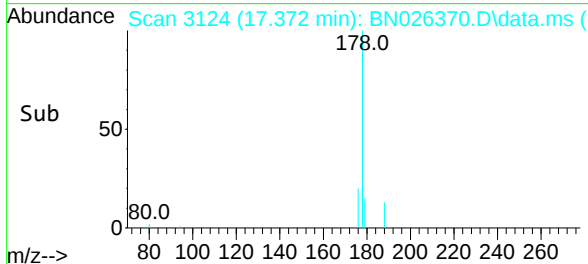
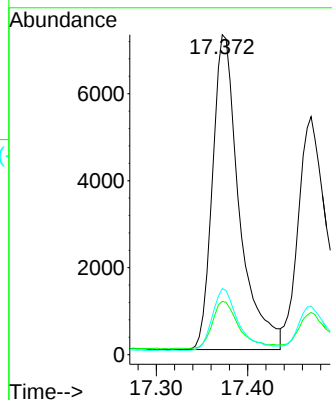
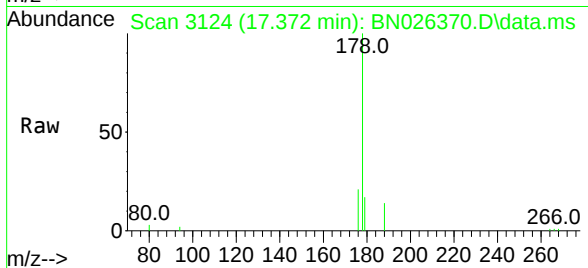
Tgt Ion:178 Resp: 14737

Ion Ratio Lower Upper

178 100

179 16.6 12.6 19.0

176 20.6 15.8 23.6



#16

Anthracene

Concen: 0.267 ng/ul

RT: 17.469 min Scan# 3147

Delta R.T. -0.004 min

Lab File: BN026370.D

Acq: 07 Jul 2023 22:34

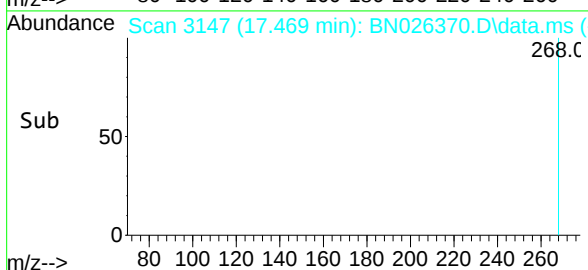
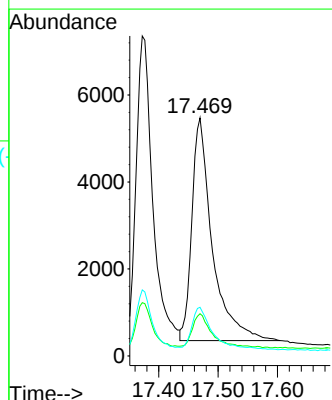
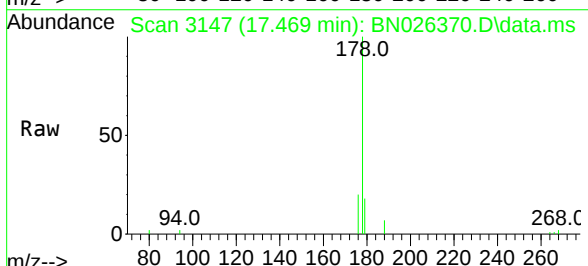
Tgt Ion:178 Resp: 12223

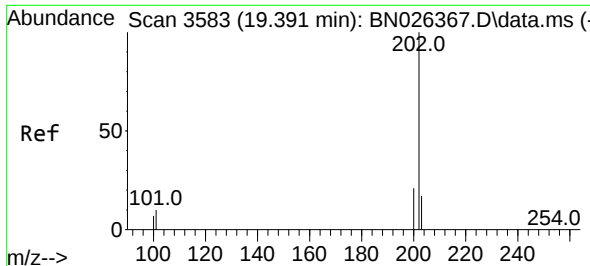
Ion Ratio Lower Upper

178 100

179 17.8 12.6 18.8

176 20.4 15.1 22.7

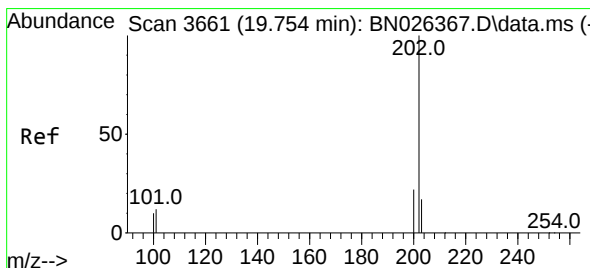
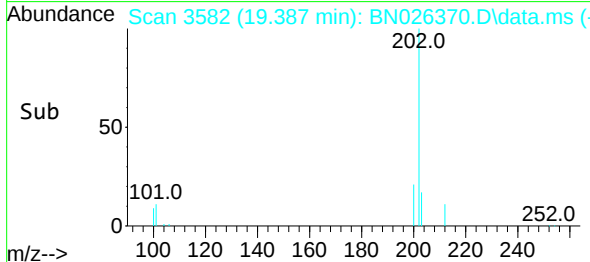
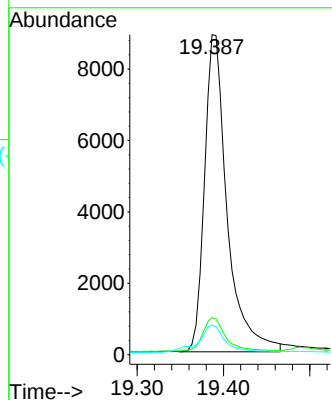
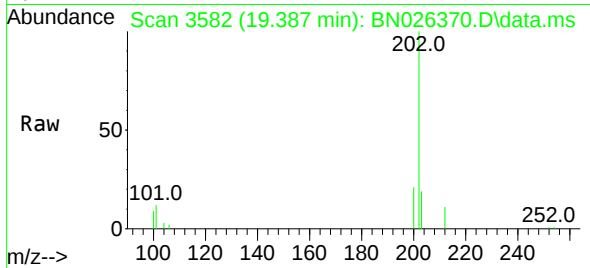




#19
Fluoranthene
Concen: 0.307 ng/ul
RT: 19.387 min Scan# 3582
Delta R.T. -0.009 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

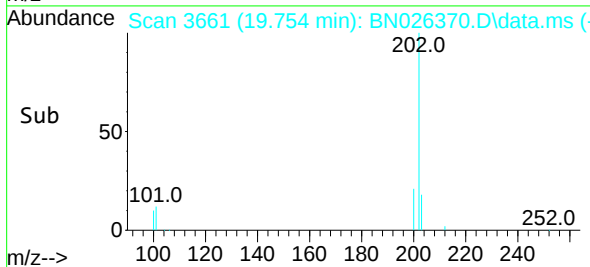
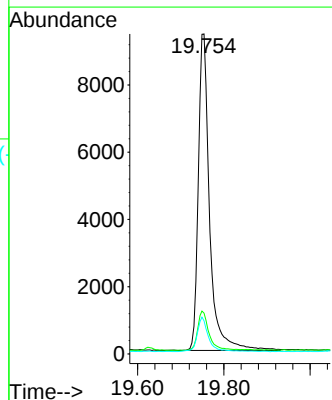
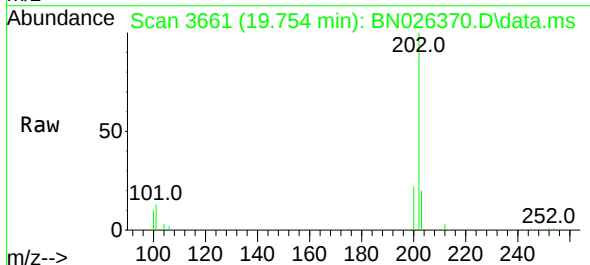
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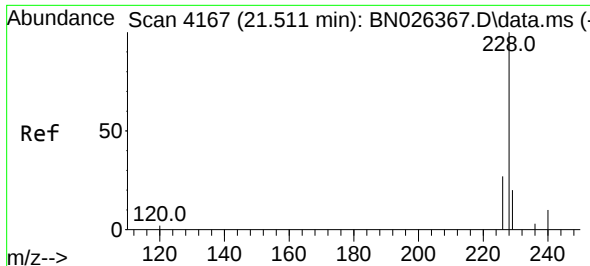
Tgt Ion:202 Resp: 16220
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.311 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

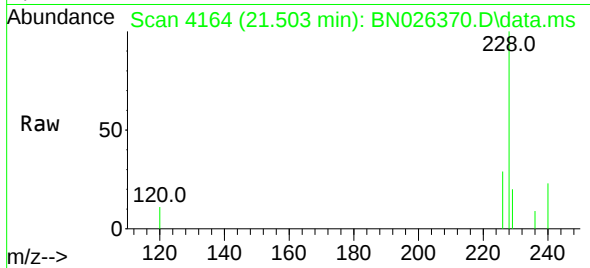
Tgt Ion:202 Resp: 17135
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.3 9.1 13.7



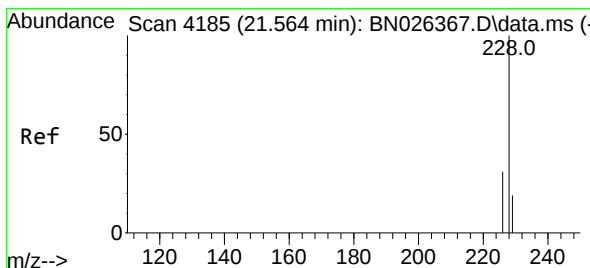
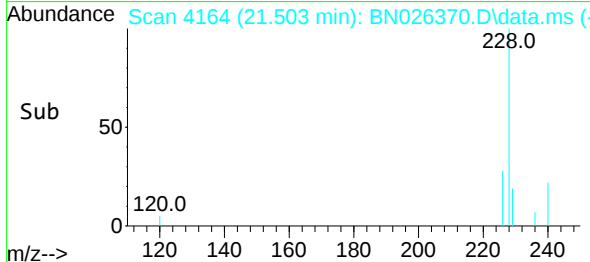
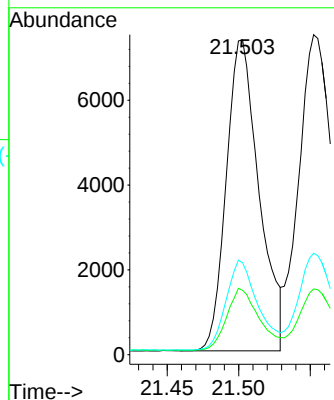


#21
Benzo(a)anthracene
Concen: 0.287 ng/ul
RT: 21.503 min Scan# 4167
Delta R.T. -0.012 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

Instrument :
BNA_N
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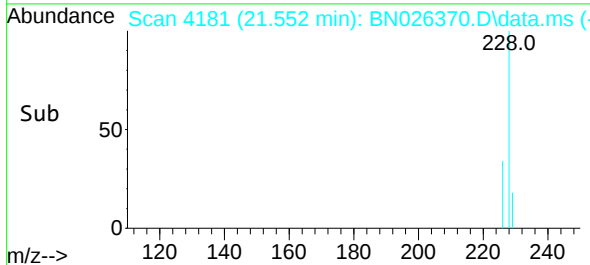
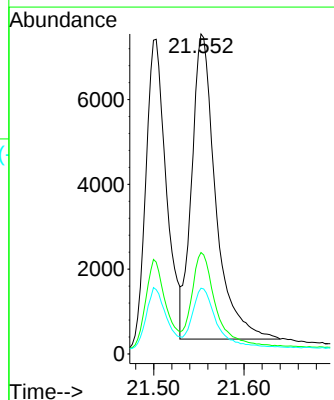
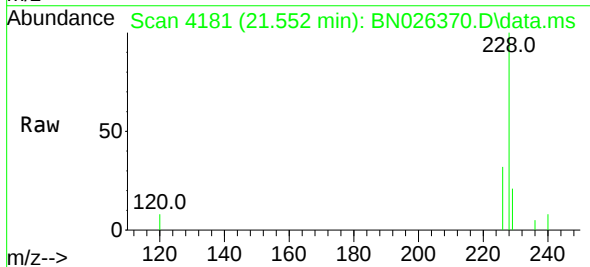


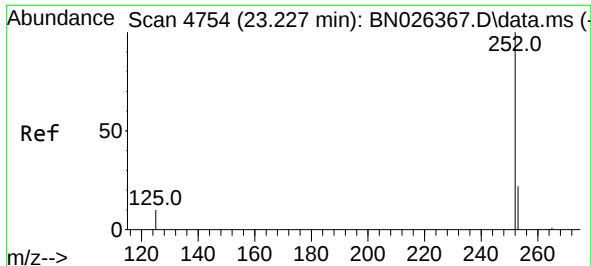
Tgt Ion:228 Resp: 11721
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 29.2 22.5 33.7



#22
Chrysene
Concen: 0.312 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.012 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

Tgt Ion:228 Resp: 13247
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 20.5 15.7 23.5

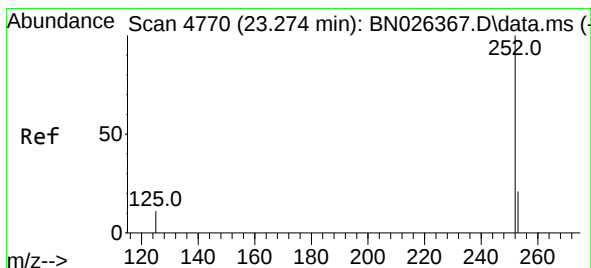
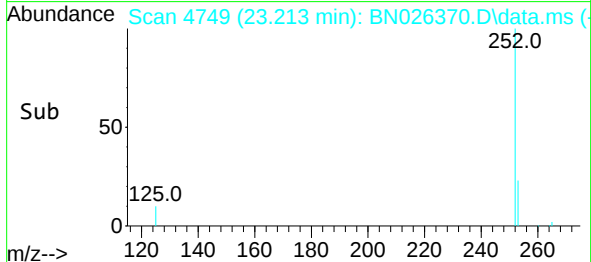
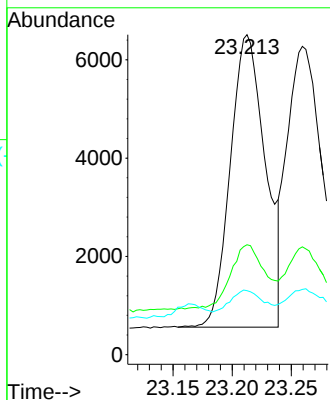
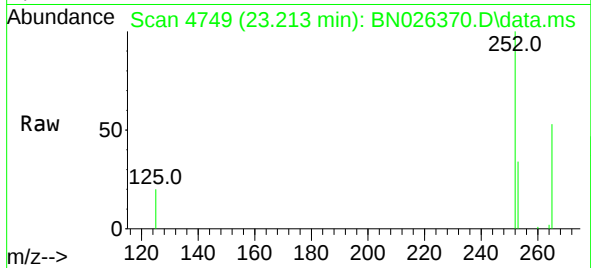




#24
Benzo(b)fluoranthene
Concen: 0.281 ng/ul
RT: 23.213 min Scan# 4749
Delta R.T. -0.026 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

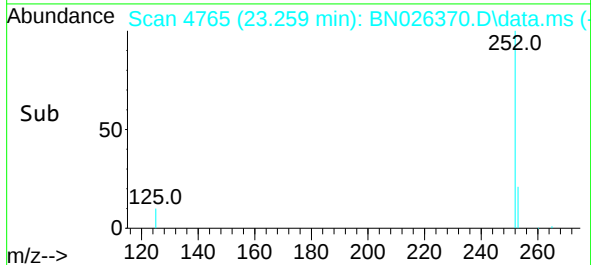
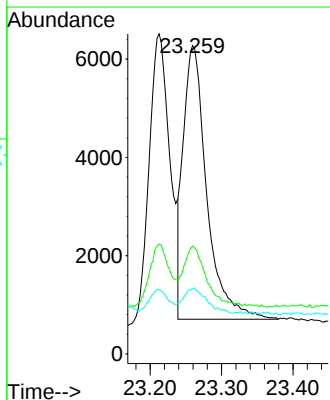
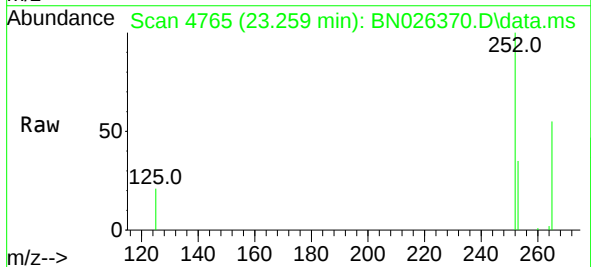
Instrument :
BNA_N
ClientSampleId :
YBW77MS

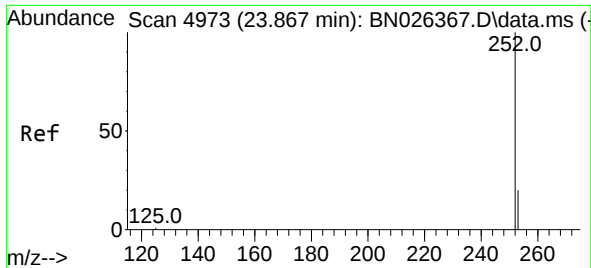
Tgt Ion:252 Resp: 12302
Ion Ratio Lower Upper
252 100
253 34.4 0.0 55.6
125 20.0 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.289 ng/ul
RT: 23.259 min Scan# 4765
Delta R.T. -0.026 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

Tgt Ion:252 Resp: 12716
Ion Ratio Lower Upper
252 100
253 35.0 23.2 34.8#
125 21.2 15.0 22.4

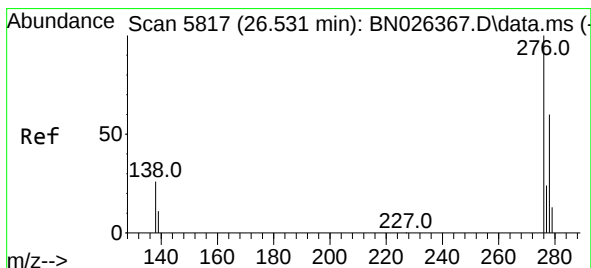
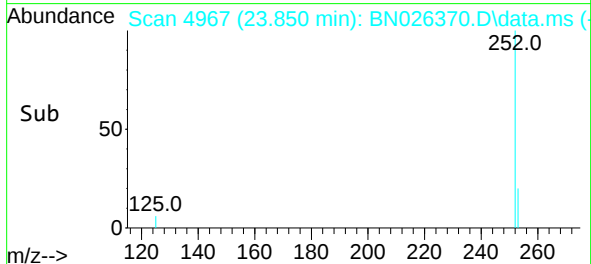
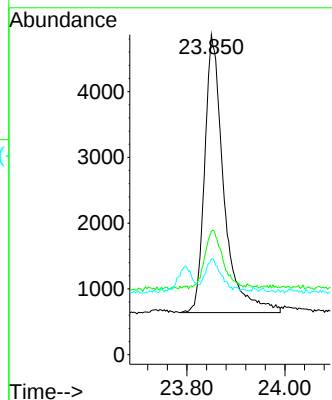
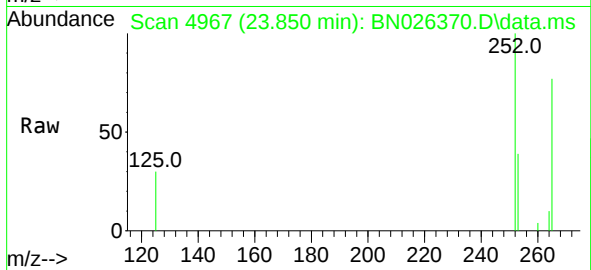




#26
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 23.850 min Scan# 4973
Delta R.T. -0.035 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

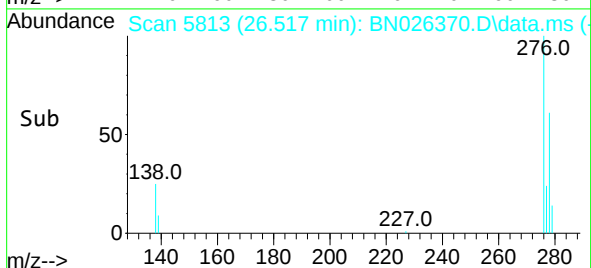
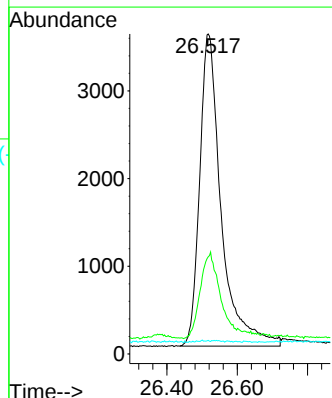
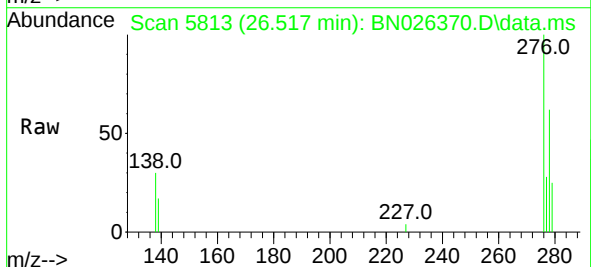
Instrument :
BNA_N
ClientSampleId :
YBW77MS

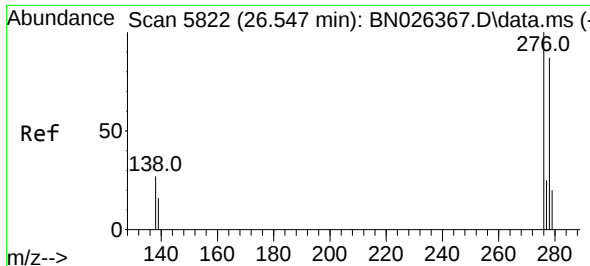
Tgt Ion:252 Resp: 11429
Ion Ratio Lower Upper
252 100
253 38.6 26.0 39.0
125 29.8 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.517 min Scan# 5813
Delta R.T. -0.054 min
Lab File: BN026370.D
Acq: 07 Jul 2023 22:34

Tgt Ion:276 Resp: 15146
Ion Ratio Lower Upper
276 100
138 27.2 24.5 36.7
227 0.1 0.0 0.0#

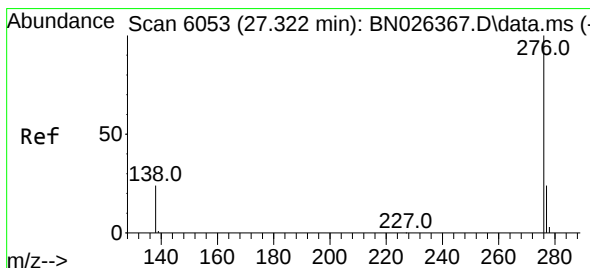
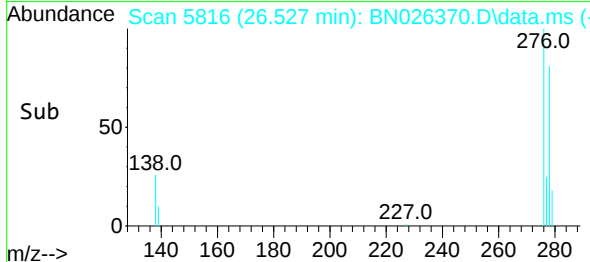
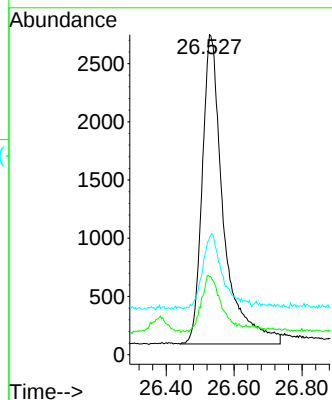
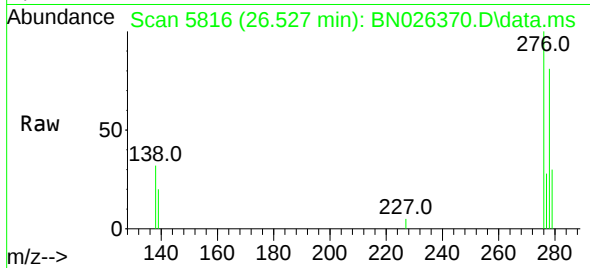




#28
 Dibenzo(a,h)anthracene
 Concen: 0.367 ng/ul
 RT: 26.527 min Scan# 5816
 Delta R.T. -0.057 min
 Lab File: BN026370.D
 Acq: 07 Jul 2023 22:34

Instrument :
 BNA_N
 ClientSampleId :
 YBW77MS

Tgt Ion:278 Resp: 11534
 Ion Ratio Lower Upper
 278 100
 139 24.4 19.0 28.4
 279 36.4 26.7 40.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.368 ng/ul
 RT: 27.305 min Scan# 6048
 Delta R.T. -0.067 min
 Lab File: BN026370.D
 Acq: 07 Jul 2023 22:34

Tgt Ion:276 Resp: 13591
 Ion Ratio Lower Upper
 276 100
 138 28.3 23.4 35.0
 277 26.5 20.0 30.0

