

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
 Data File : BN029675.D
 Acq On : 11 Feb 2024 08:41
 Operator : MA/JU
 Sample : PB158930BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS930

Quant Time: Feb 11 23:25:40 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 : Sun Feb 11 23:18:17 2024
 Response via : Initial Calibration

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

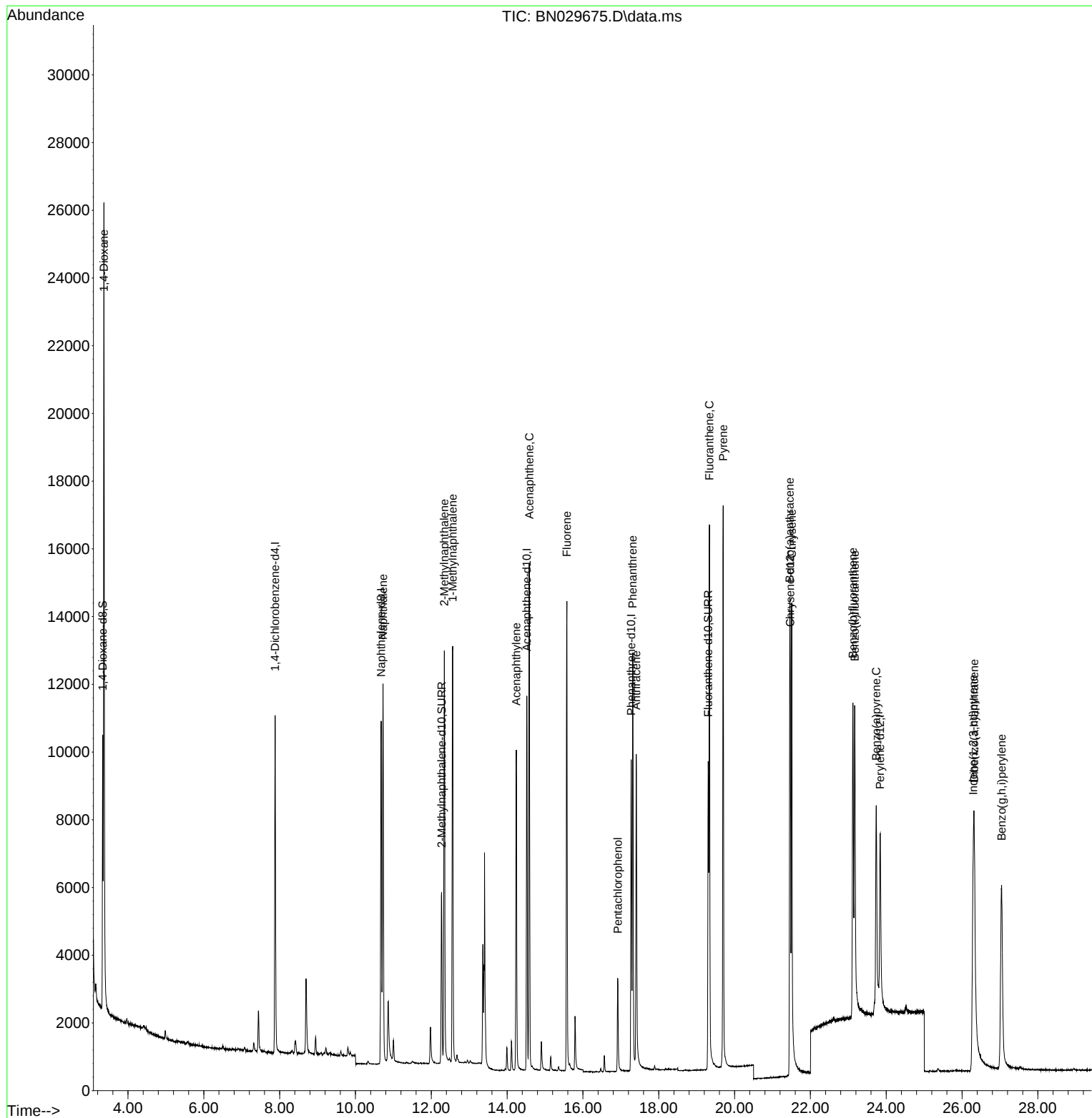
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	5270	0.400	ng/ul	0.00
4) Naphthalene-d8	10.678	136	14311	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.520	164	6150	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	11178	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	8113	0.400	ng/ul	0.00
23) Perylene-d12	23.840	264	7933	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	5042	0.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.272	152	7084	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	10384	0.389	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	16207	2.266	ng/ul#	88
5) Naphthalene	10.727	128	15869	0.394	ng/ul	99
7) 2-Methylnaphthalene	12.344	142	8952	0.388	ng/ul	99
8) 1-Methylnaphthalene	12.564	142	8833	0.376	ng/ul	100
10) Acenaphthylene	14.243	152	11706	0.390	ng/ul	99
11) Acenaphthene	14.585	153	9006	0.395	ng/ul	99
12) Fluorene	15.575	166	9300	0.390	ng/ul	98
14) Pentachlorophenol	16.917	266	2025	0.812	ng/ul#	50
15) Phenanthrene	17.314	178	13681	0.392	ng/ul	100
16) Anthracene	17.407	178	11606	0.395	ng/ul	99
19) Fluoranthene	19.336	202	14277	0.383	ng/ul	99
20) Pyrene	19.699	202	14643	0.383	ng/ul	99
21) Benzo(a)anthracene	21.455	228	11778	0.403	ng/ul	99
22) Chrysene	21.508	228	13173	0.411	ng/ul	100
24) Benzo(b)fluoranthene	23.121	252	12966	0.434	ng/ul	100
25) Benzo(k)fluoranthene	23.168	252	14504	0.438	ng/ul	98
26) Benzo(a)pyrene	23.738	252	11695	0.417	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.295	276	14961	0.439	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.322	278	11706	0.438	ng/ul	97
29) Benzo(g,h,i)perylene	27.043	276	13744	0.444	ng/ul	98

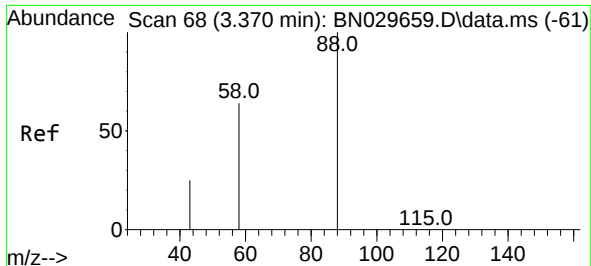
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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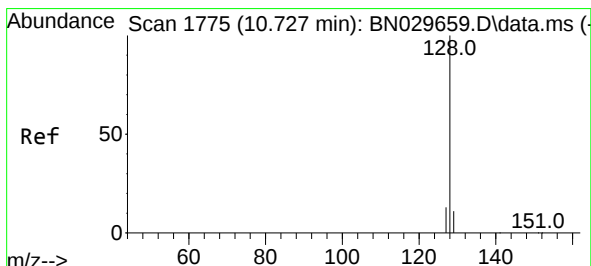
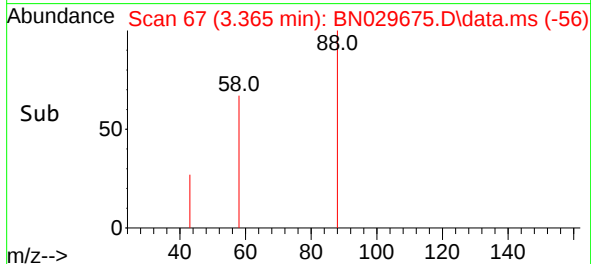
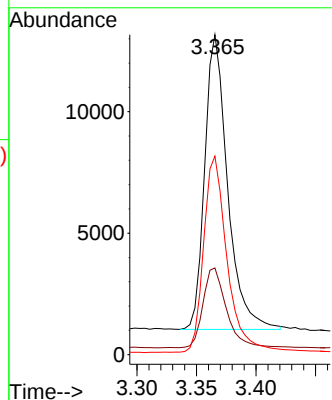
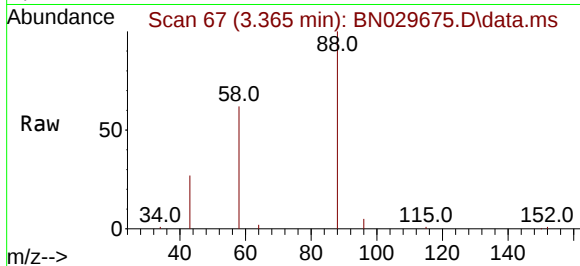




#2
1,4-Dioxane
Concen: 2.266 ng/ul
RT: 3.365 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

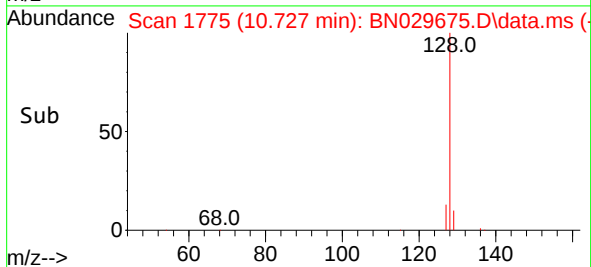
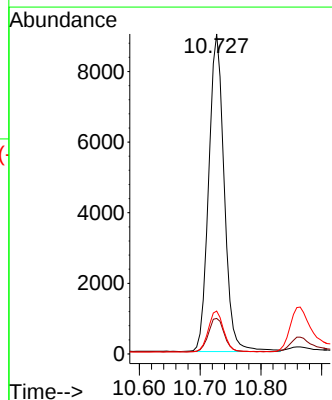
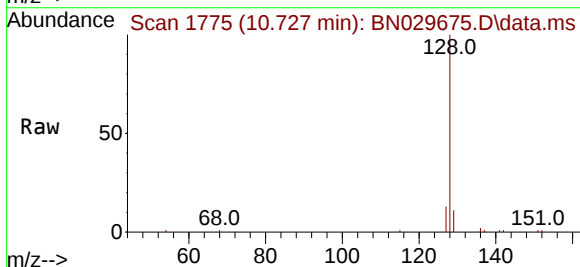
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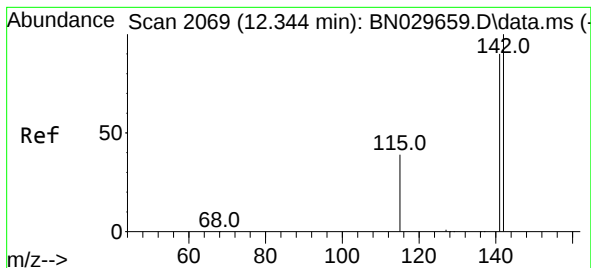
Tgt Ion: 88 Resp: 16207
Ion Ratio Lower Upper
88 100
43 27.1 21.8 32.6
58 62.1 39.3 58.9#



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.727 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

Tgt Ion:128 Resp: 15869
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.4 11.0 16.6

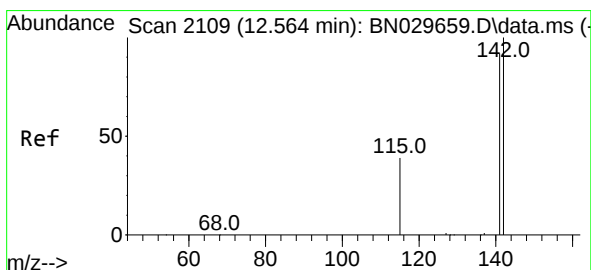
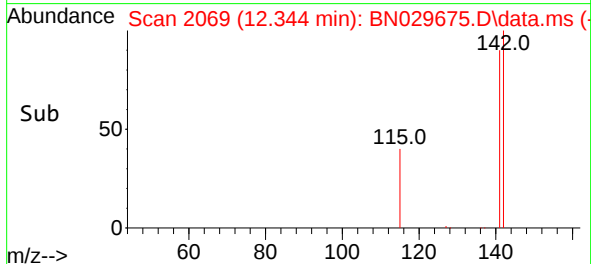
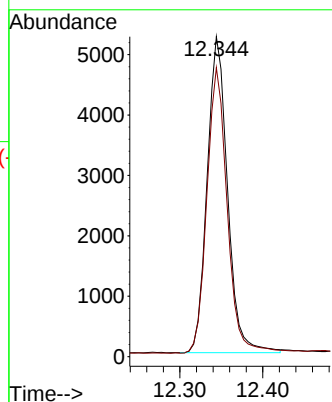
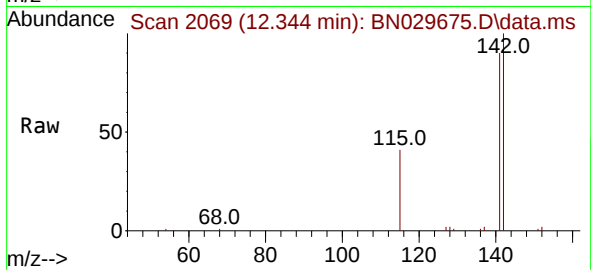




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.344 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

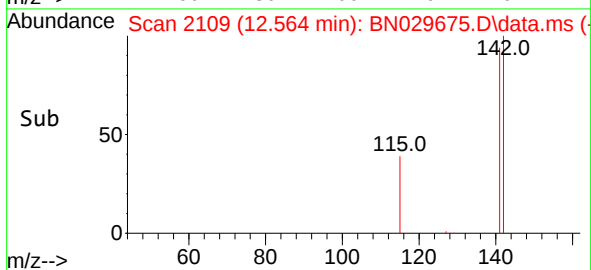
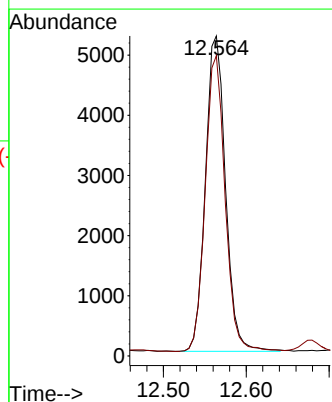
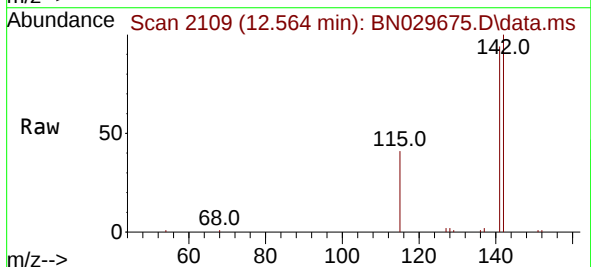
Instrument :
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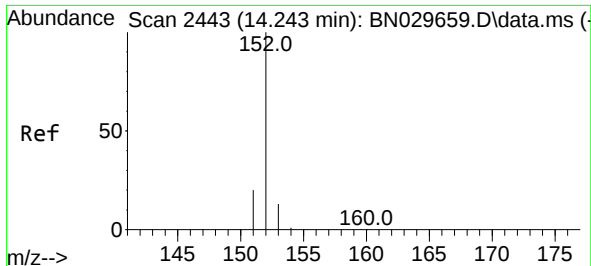
Tgt Ion:142 Resp: 8952
Ion Ratio Lower Upper
142 100
141 90.1 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.564 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

Tgt Ion:142 Resp: 8833
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9

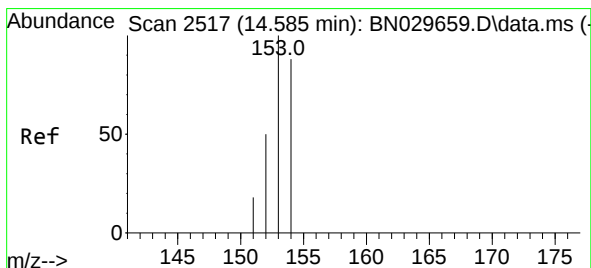
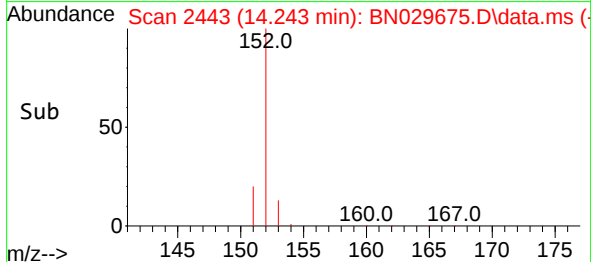
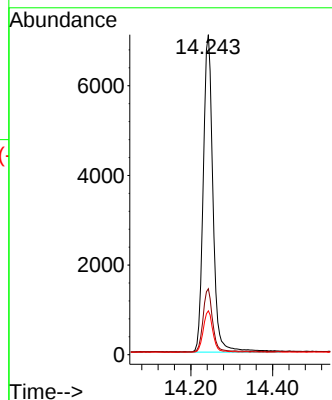
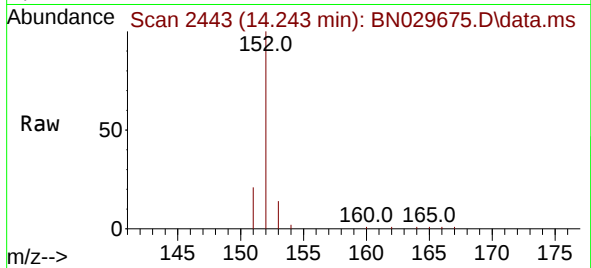




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.243 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

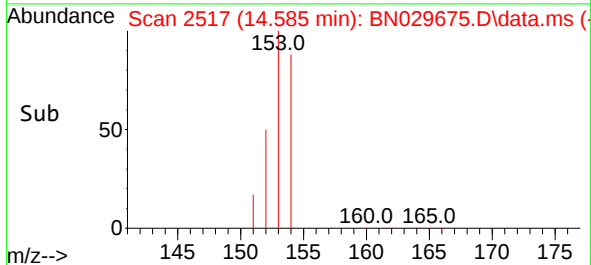
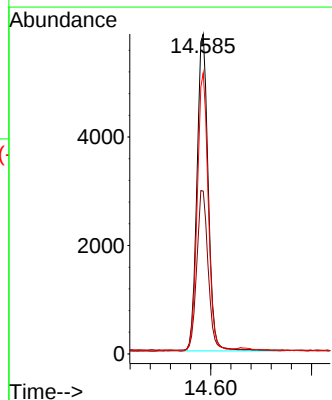
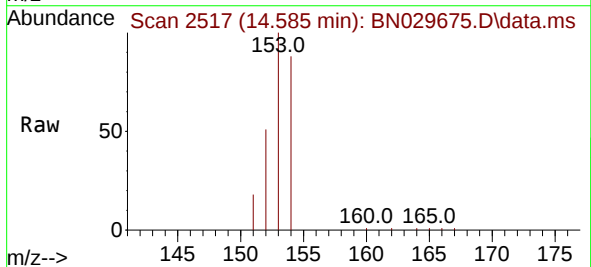
Instrument :
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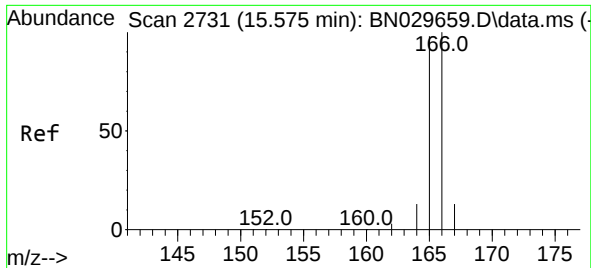
Tgt Ion:152 Resp: 11706
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.585 min Scan# 2517
Delta R.T. -0.000 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

Tgt Ion:153 Resp: 9006
Ion Ratio Lower Upper
153 100
152 50.9 41.5 62.3
154 87.8 70.9 106.3

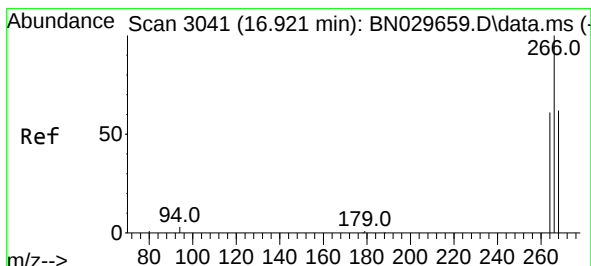
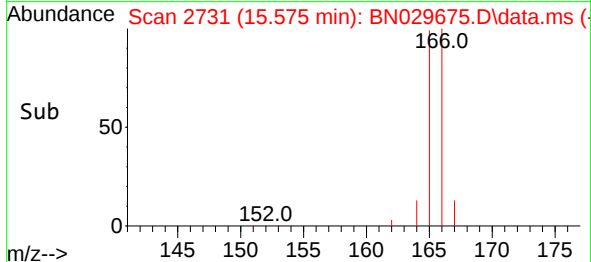
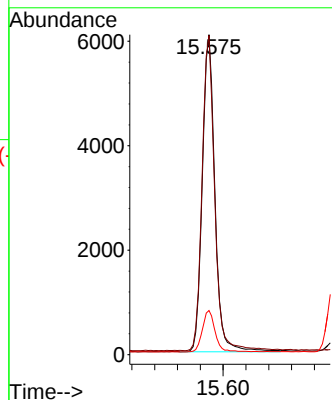
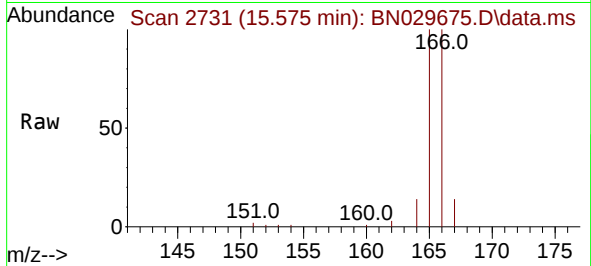




#12
 Fluorene
 Concen: 0.390 ng/ul
 RT: 15.575 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN029675.D
 Acq: 11 Feb 2024 08:41

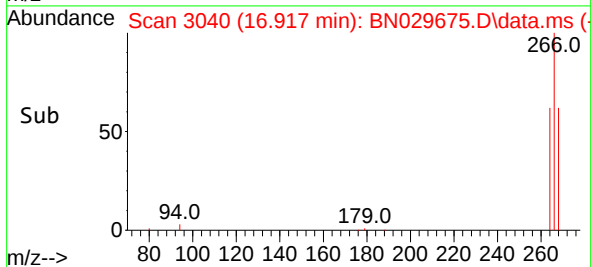
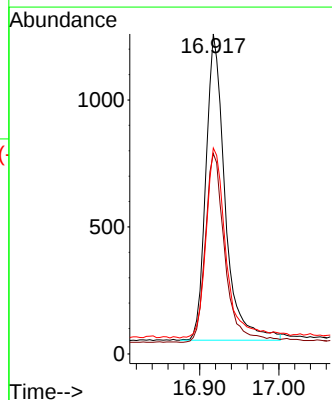
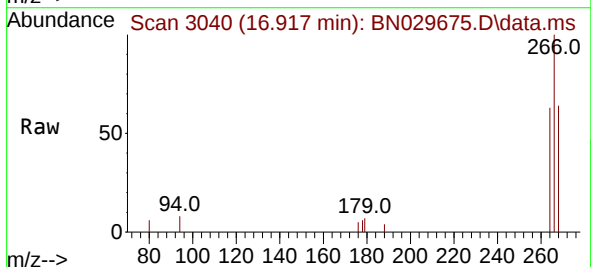
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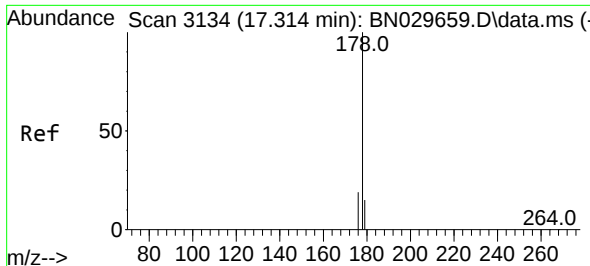
Tgt Ion:166 Resp: 9300
 Ion Ratio Lower Upper
 166 100
 165 99.7 78.6 117.8
 167 13.8 11.5 17.3



#14
 Pentachlorophenol
 Concen: 0.812 ng/ul
 RT: 16.917 min Scan# 3040
 Delta R.T. -0.004 min
 Lab File: BN029675.D
 Acq: 11 Feb 2024 08:41

Tgt Ion:266 Resp: 2025
 Ion Ratio Lower Upper
 266 100
 264 63.0 0.0 0.0#
 268 64.6 0.2 0.2#

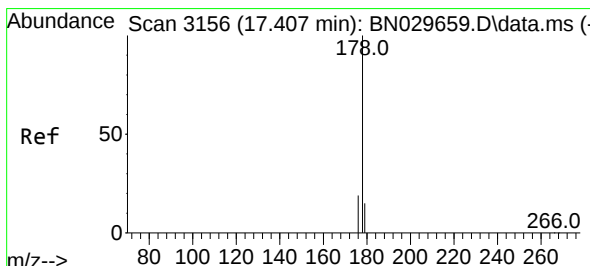
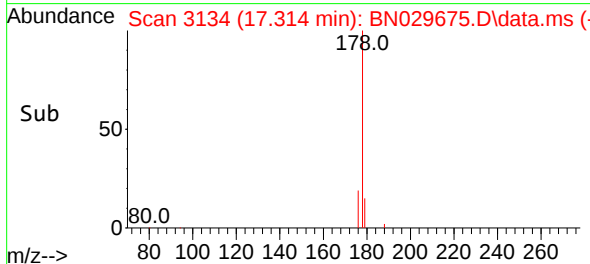
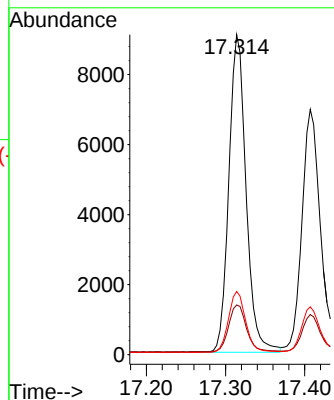
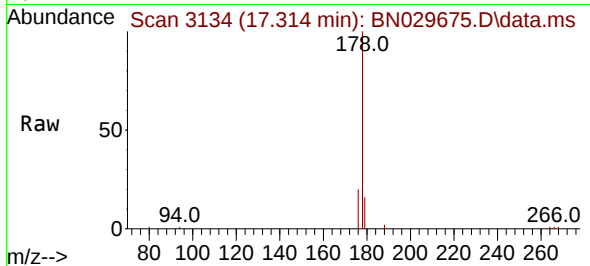




#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.314 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

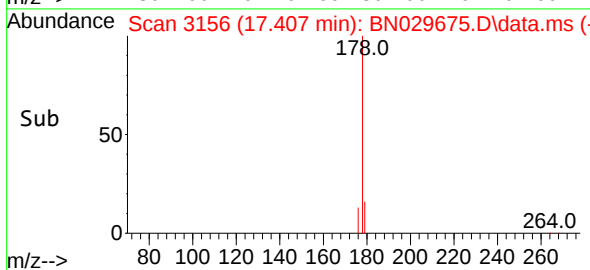
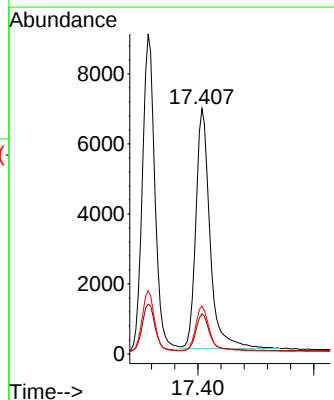
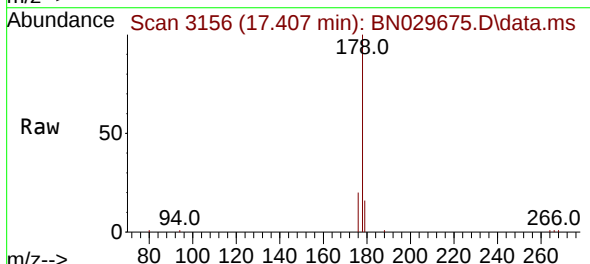
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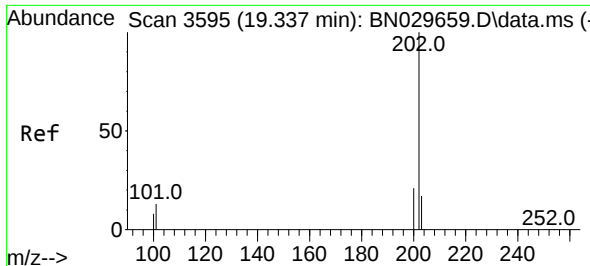
Tgt Ion:178	Resp:	13681
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.6 18.8
176	19.8	15.7 23.5



#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.407 min Scan# 3156
Delta R.T. -0.000 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

Tgt Ion:178	Resp:	11606
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.9 19.3
176	19.5	15.8 23.8

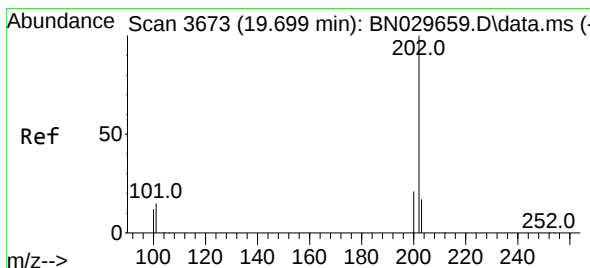
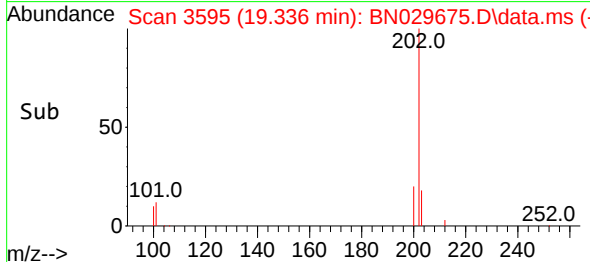
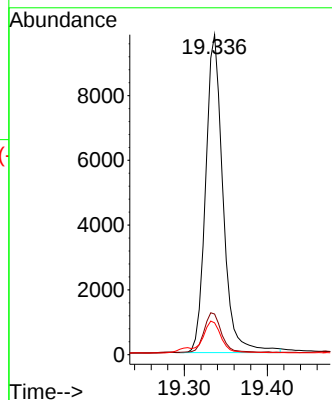
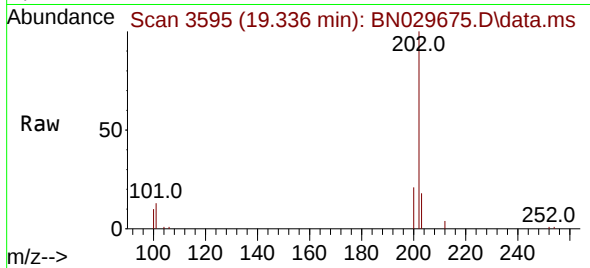




#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.336 min Scan# 3595
Delta R.T. -0.000 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

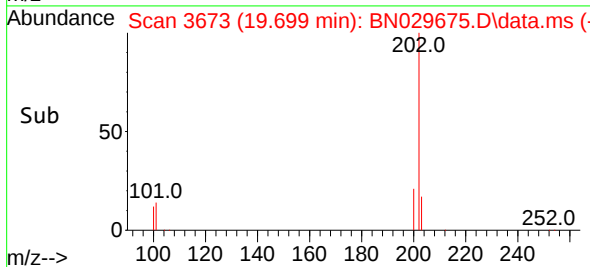
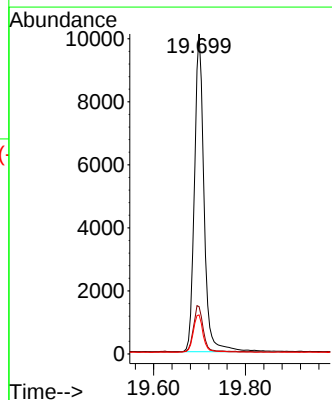
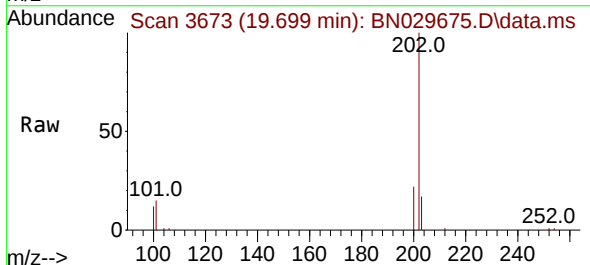
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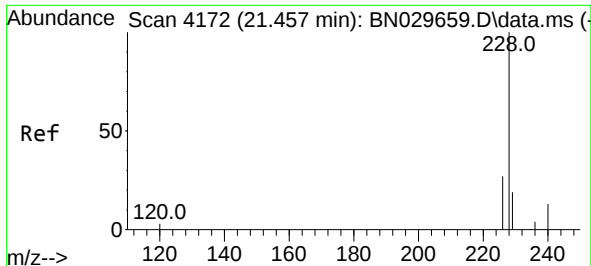
Tgt Ion:202 Resp: 14277
Ion Ratio Lower Upper
202 100
101 12.7 10.4 15.6
100 10.0 8.5 12.7



#20
Pyrene
Concen: 0.383 ng/ul
RT: 19.699 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

Tgt Ion:202 Resp: 14643
Ion Ratio Lower Upper
202 100
101 14.8 12.5 18.7
100 12.2 10.0 15.0

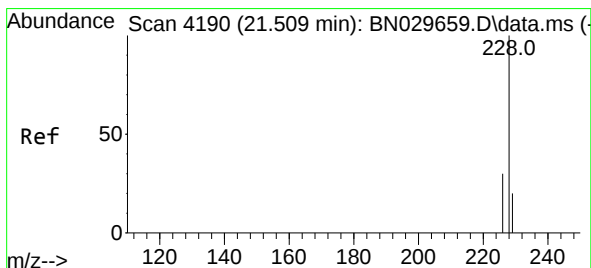
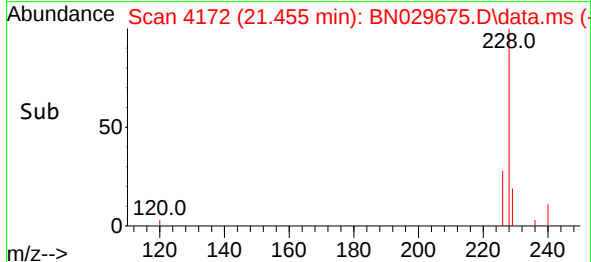
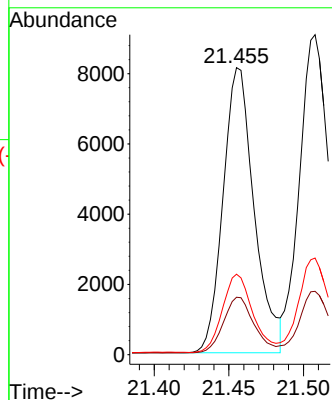
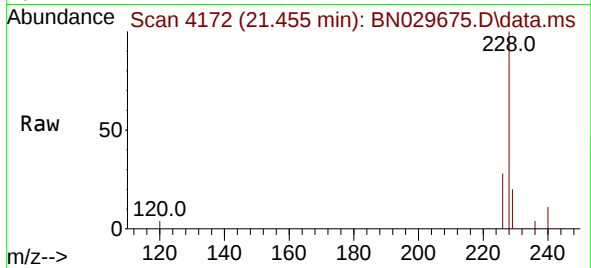




#21
Benzo(a)anthracene
Concen: 0.403 ng/ul
RT: 21.455 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

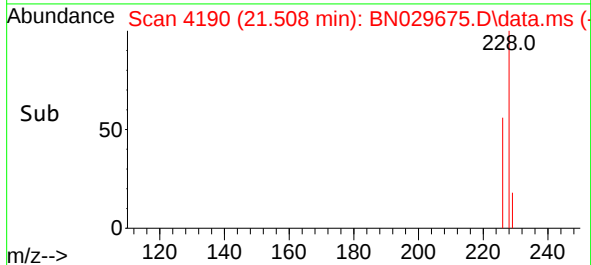
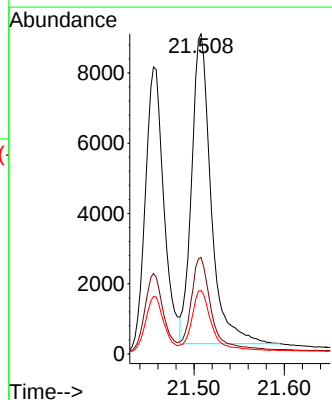
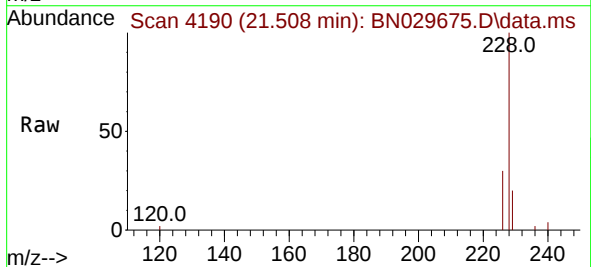
Instrument :
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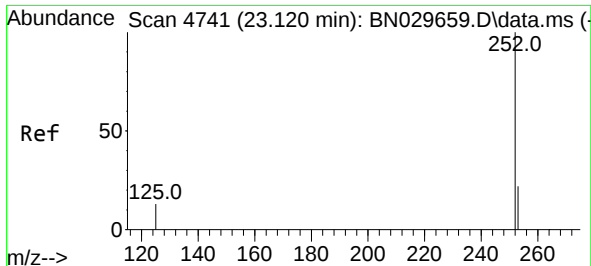
Tgt Ion:228 Resp: 11778
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 28.0 22.2 33.4



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

Tgt Ion:228 Resp: 13173
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.8 15.7 23.5

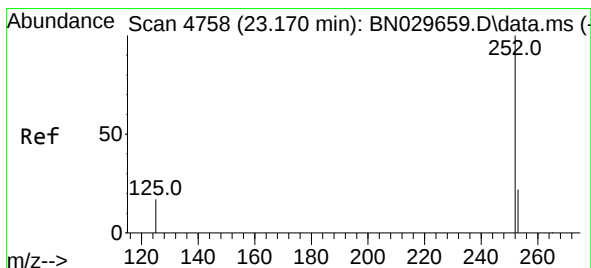
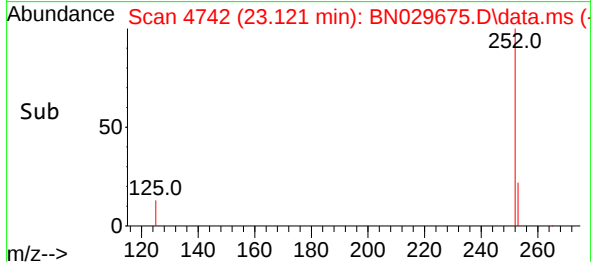
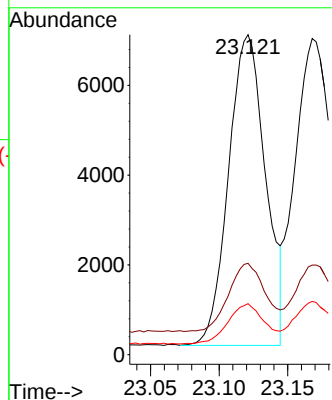
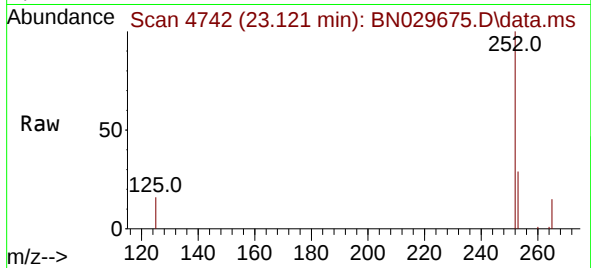




#24
Benzo(b)fluoranthene
Concen: 0.434 ng/ul
RT: 23.121 min Scan# 4741
Delta R.T. 0.001 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

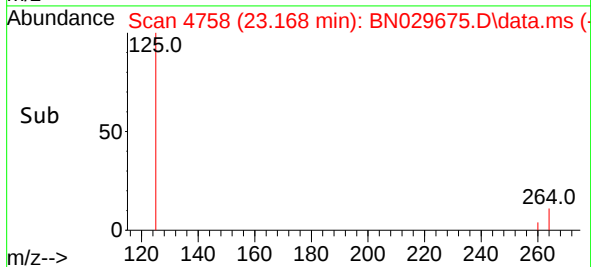
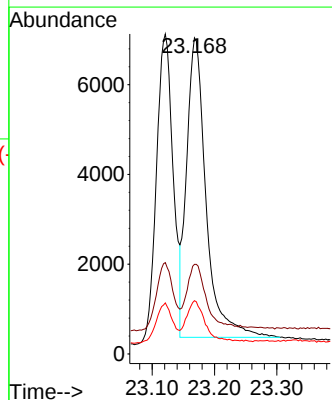
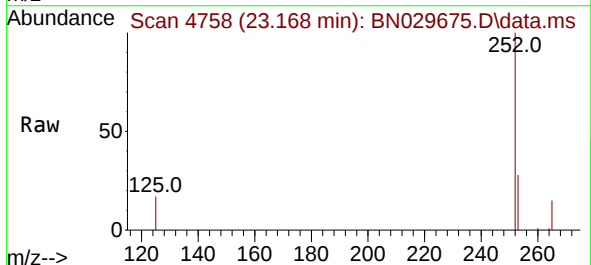
Instrument :
BNA_N
ClientSampleId :
SLCS930

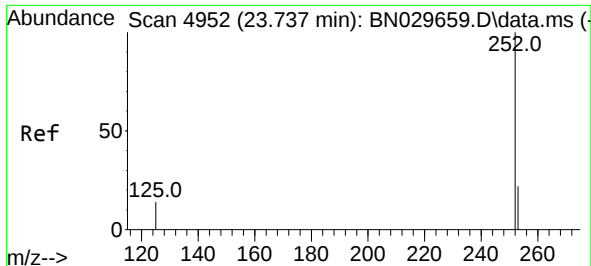
Tgt Ion:252 Resp: 12966
Ion Ratio Lower Upper
252 100
253 28.5 0.0 56.8
125 16.0 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.438 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. -0.002 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

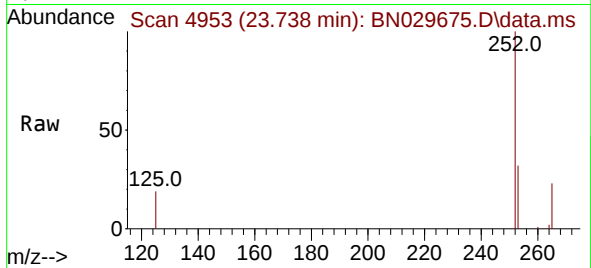
Tgt Ion:252 Resp: 14504
Ion Ratio Lower Upper
252 100
253 28.3 22.6 33.8
125 16.8 15.3 22.9



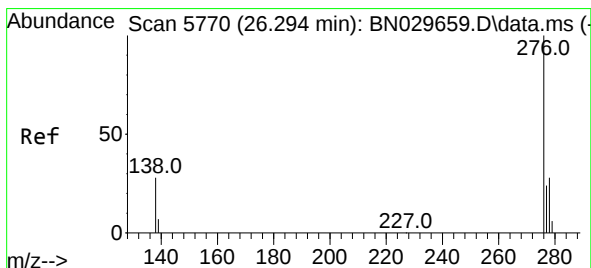
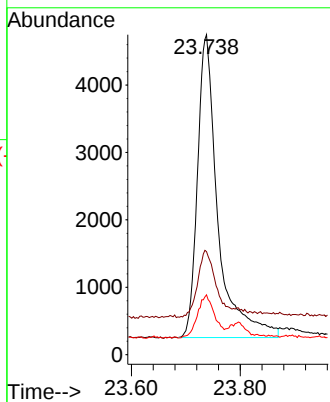
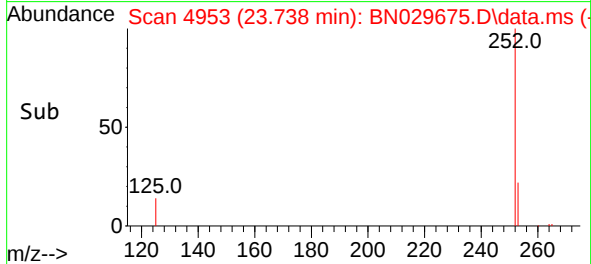


#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.738 min Scan# 4952
Delta R.T. 0.001 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

Instrument :
BNA_N
ClientSampleId :
SLCS930

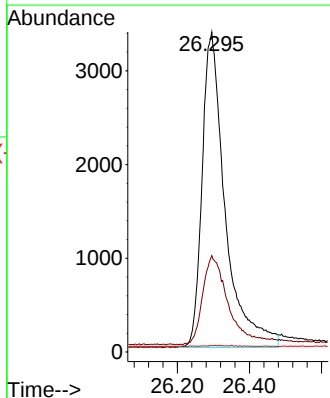
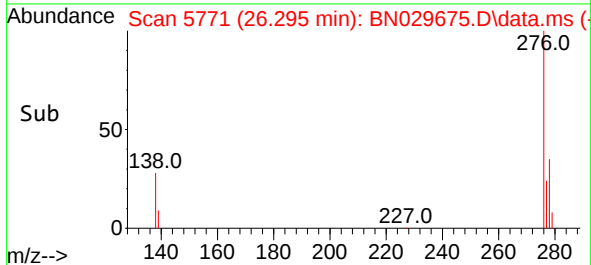
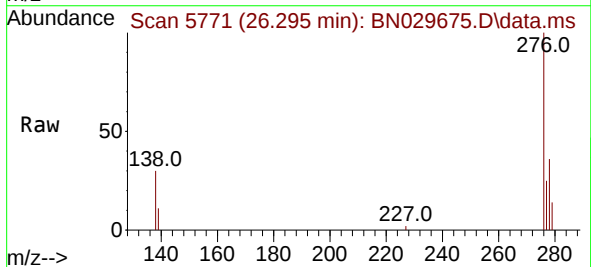


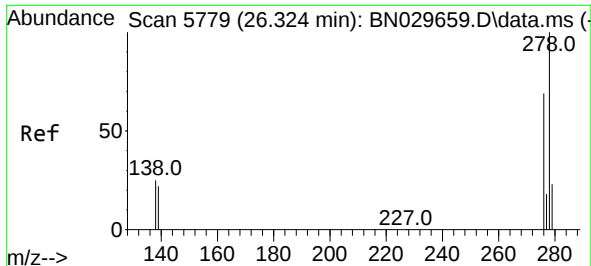
Tgt Ion:252 Resp: 11695
Ion Ratio Lower Upper
252 100
253 32.2 25.4 38.0
125 18.7 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 26.295 min Scan# 5771
Delta R.T. 0.002 min
Lab File: BN029675.D
Acq: 11 Feb 2024 08:41

Tgt Ion:276 Resp: 14961
Ion Ratio Lower Upper
276 100
138 31.7 0.0 0.0#
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.438 ng/ul

RT: 26.322 min Scan# 51

Delta R.T. -0.002 min

Lab File: BN029675.D

Acq: 11 Feb 2024 08:41

Instrument :

BNA_N

ClientSampleId :

SLCS930

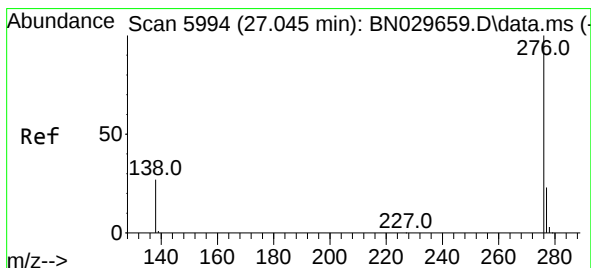
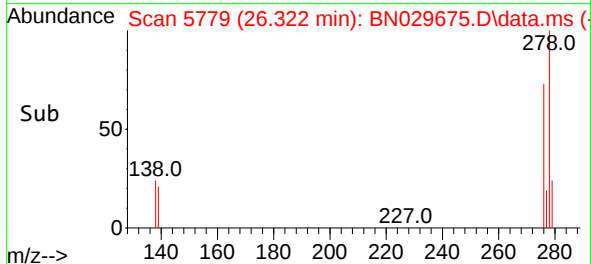
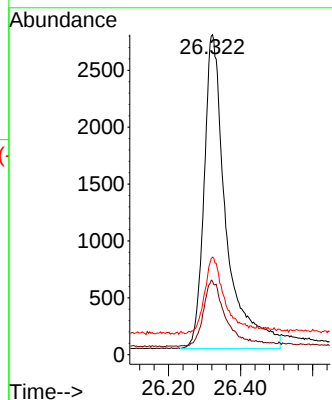
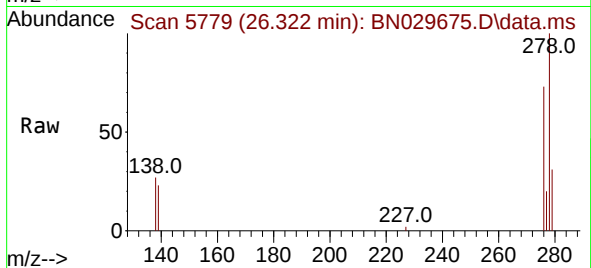
Tgt Ion:278 Resp: 11706

Ion Ratio Lower Upper

278 100

139 23.0 19.0 28.4

279 30.5 22.6 34.0



#29

Benzo(g,h,i)perylene

Concen: 0.444 ng/ul

RT: 27.043 min Scan# 5994

Delta R.T. -0.002 min

Lab File: BN029675.D

Acq: 11 Feb 2024 08:41

Tgt Ion:276 Resp: 13744

Ion Ratio Lower Upper

276 100

138 28.7 24.6 37.0

277 24.6 19.7 29.5

