

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040124\
 Data File : BN030579.D
 Acq On : 31 Mar 2024 14:50
 Operator : MA/JU
 Sample : PB159893BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS893

Quant Time: Mar 31 15:50:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 15:11:42 2024
 Response via : Initial Calibration

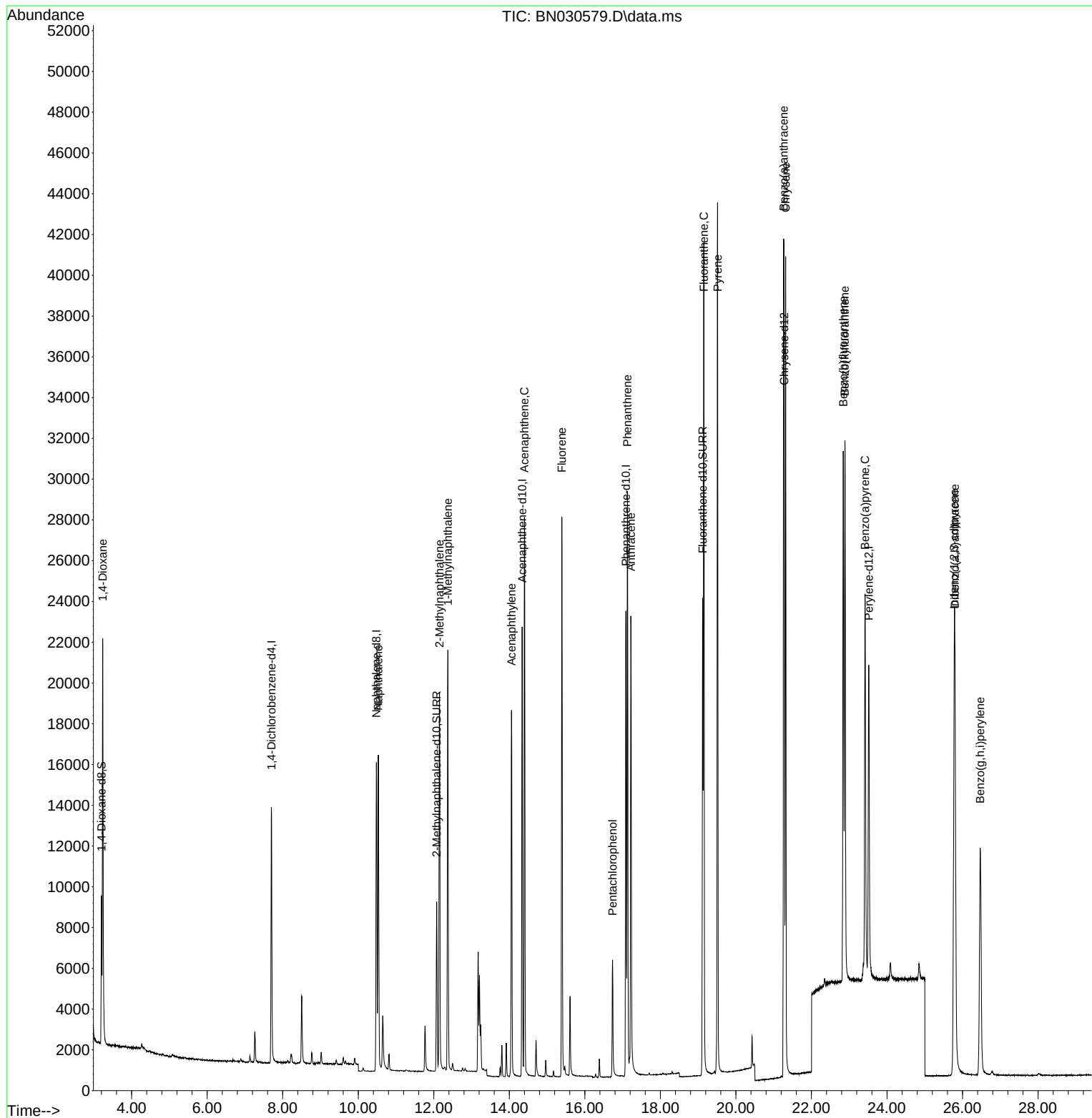
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	7001	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.481	136	21519	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.341	164	12191	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.088	188	26863	0.400	ng/ul	-0.02
17) Chrysene-d12	21.281	240	23275	0.400	ng/ul	-0.02
23) Perylene-d12	23.517	264	21330	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	5068	0.661	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.076	152	11288	0.348	ng/ul	-0.03
18) Fluoranthene-d10	19.120	212	25760	0.358	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.236	88	14300	1.840	ng/ul#	86
5) Naphthalene	10.530	128	21202	0.361	ng/ul	100
7) 2-Methylnaphthalene	12.152	142	13770	0.355	ng/ul	100
8) 1-Methylnaphthalene	12.372	142	14213	0.347	ng/ul	100
10) Acenaphthylene	14.059	152	20723	0.377	ng/ul	99
11) Acenaphthene	14.401	153	15720	0.367	ng/ul	99
12) Fluorene	15.391	166	17905	0.355	ng/ul	99
14) Pentachlorophenol	16.733	266	4049	0.824	ng/ul	100
15) Phenanthrene	17.130	178	30362	0.377	ng/ul	100
16) Anthracene	17.218	178	25978	0.383	ng/ul	99
19) Fluoranthene	19.152	202	35133	0.366	ng/ul	99
20) Pyrene	19.515	202	35908	0.380	ng/ul	100
21) Benzo(a)anthracene	21.264	228	32215	0.401	ng/ul	100
22) Chrysene	21.316	228	34302	0.387	ng/ul	99
24) Benzo(b)fluoranthene	22.842	252	32443	0.373	ng/ul	99
25) Benzo(k)fluoranthene	22.886	252	34574	0.378	ng/ul	100
26) Benzo(a)pyrene	23.421	252	28611	0.406	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.780	276	30869	0.387	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.800	278	24782	0.391	ng/ul	98
29) Benzo(g,h,i)perylene	26.468	276	24042	0.355	ng/ul	99

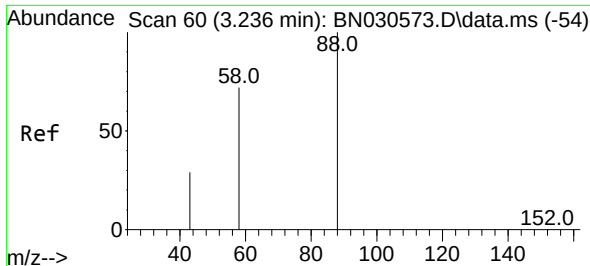
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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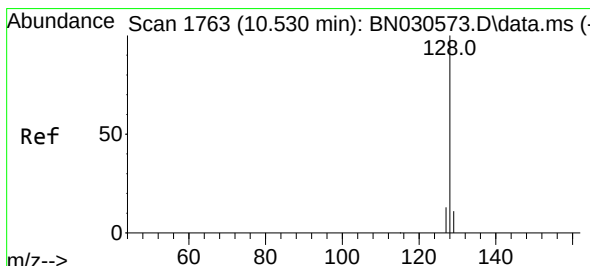
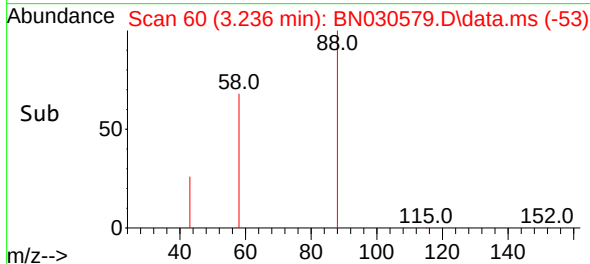
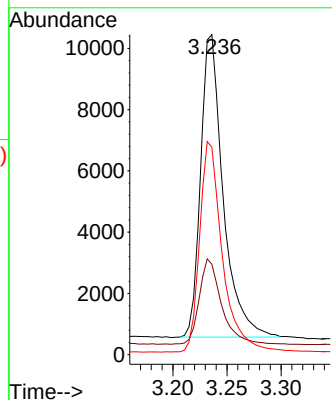
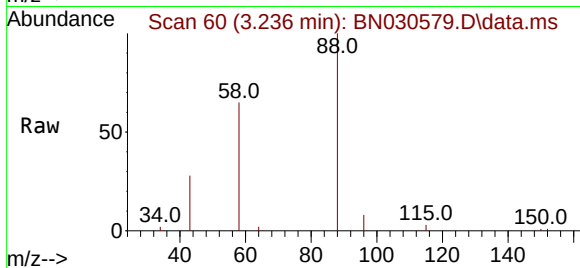




#2
1,4-Dioxane
Concen: 1.840 ng/ul
RT: 3.236 min Scan# 60
Delta R.T. -0.020 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

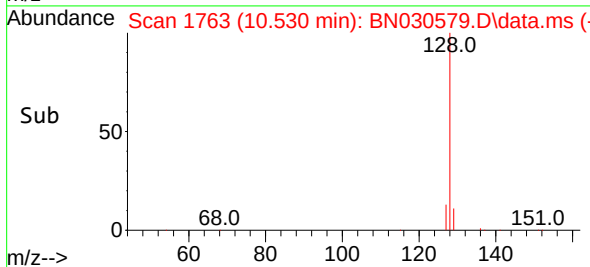
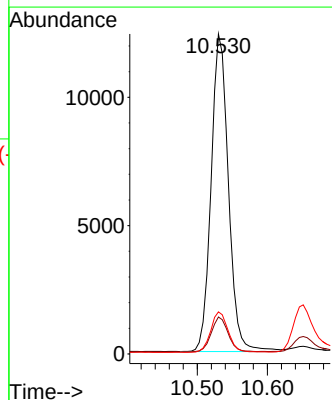
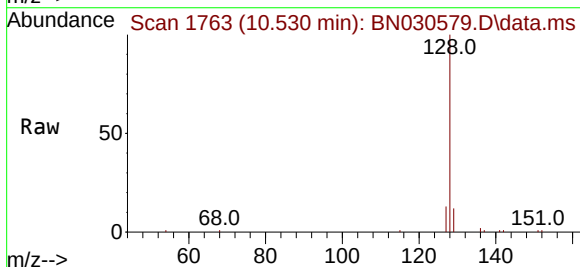
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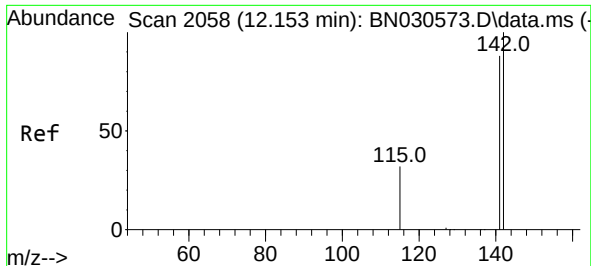
Tgt Ion: 88 Resp: 14300
Ion Ratio Lower Upper
88 100
43 28.2 22.9 34.3
58 64.8 40.3 60.5#



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.530 min Scan# 1763
Delta R.T. -0.025 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

Tgt Ion: 128 Resp: 21202
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.1 10.7 16.1

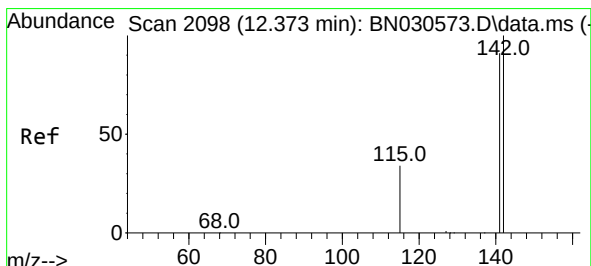
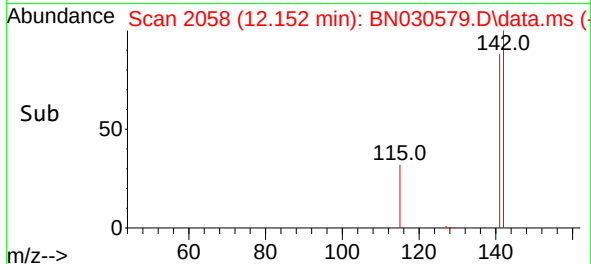
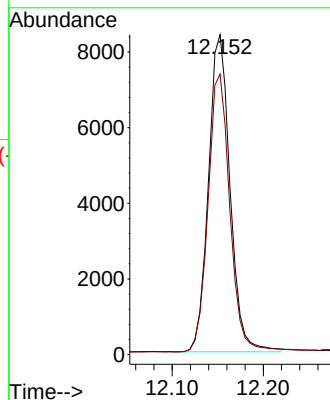
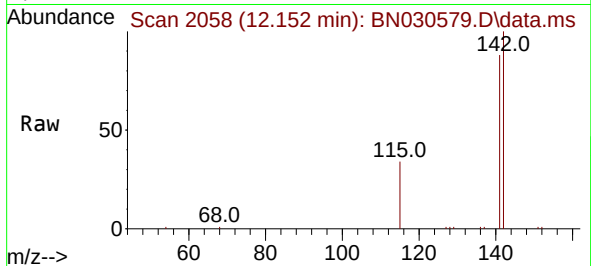




#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. -0.020 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

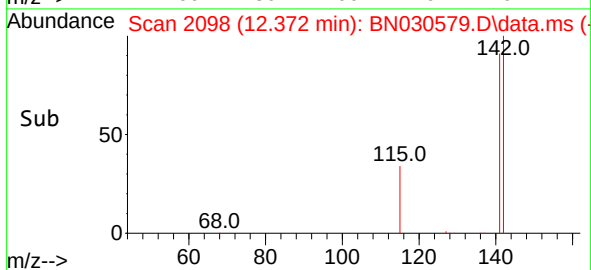
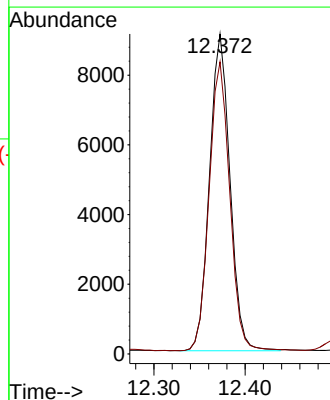
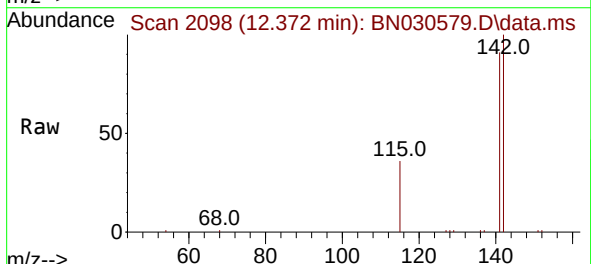
Instrument :
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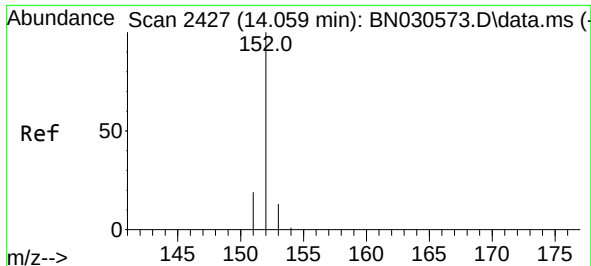
Tgt Ion:142 Resp: 13770
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.372 min Scan# 2098
Delta R.T. -0.020 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

Tgt Ion:142 Resp: 14213
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9

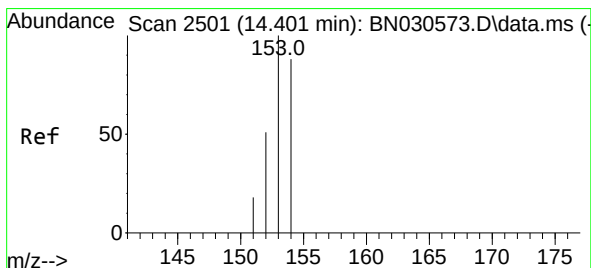
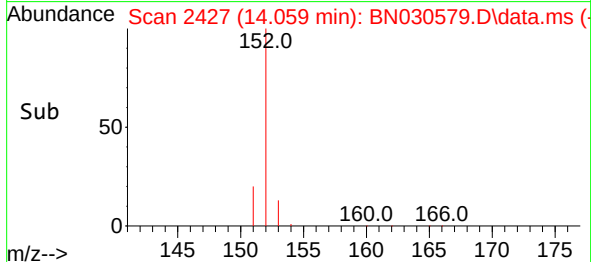
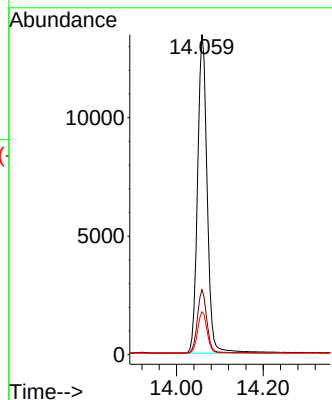
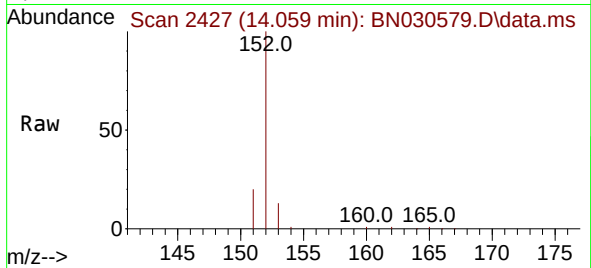




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.059 min Scan# 2427
Delta R.T. -0.021 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

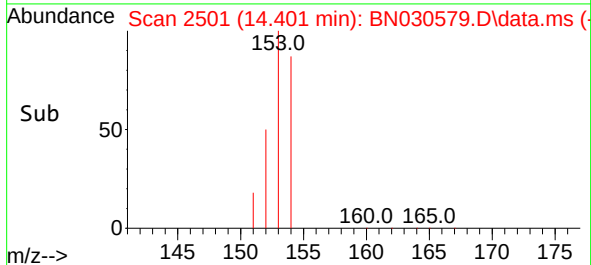
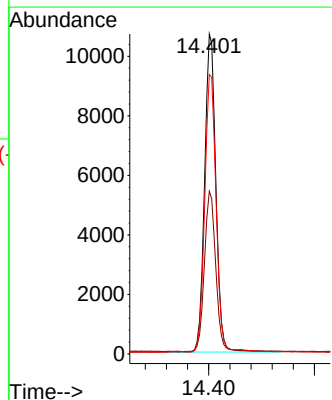
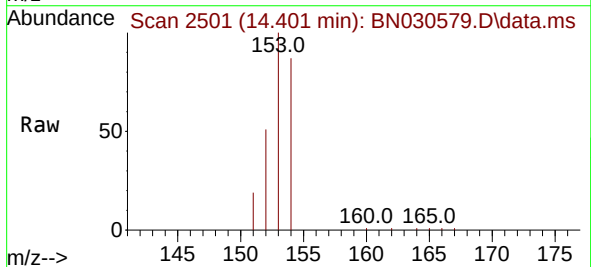
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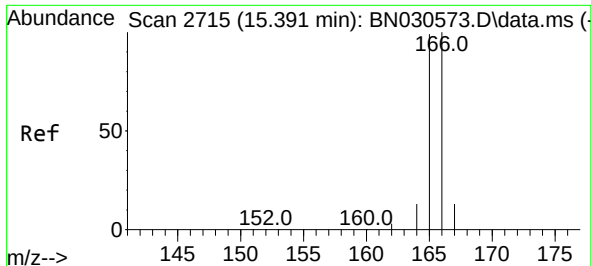
Tgt Ion:152 Resp: 20723
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.401 min Scan# 2501
Delta R.T. -0.021 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

Tgt Ion:153 Resp: 15720
Ion Ratio Lower Upper
153 100
152 50.9 42.9 64.3
154 87.3 69.8 104.8

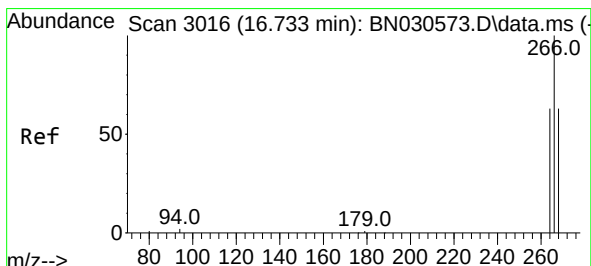
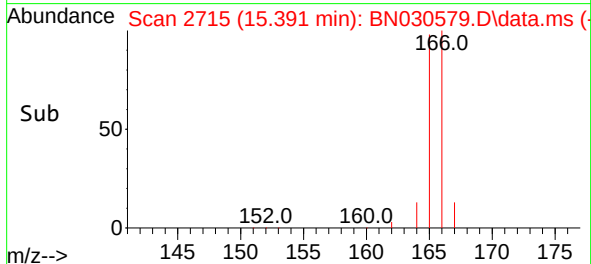
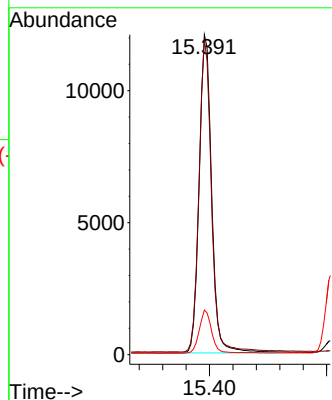
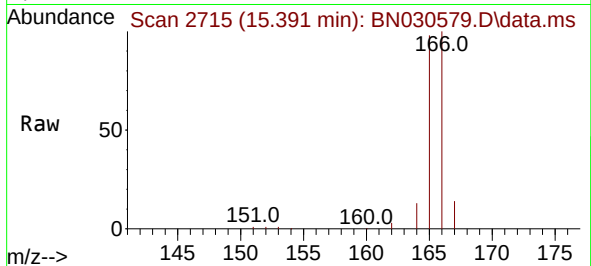




#12
Fluorene
Concen: 0.355 ng/ul
RT: 15.391 min Scan# 2715
Delta R.T. -0.021 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

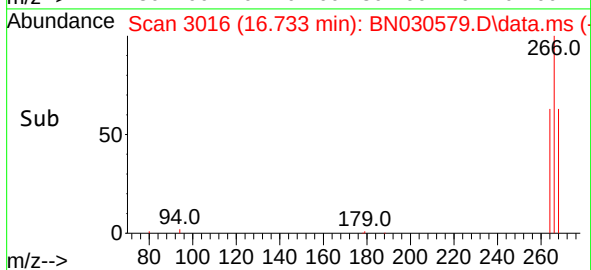
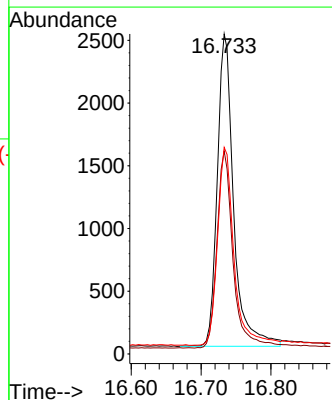
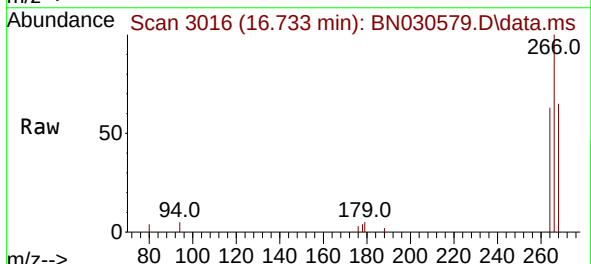
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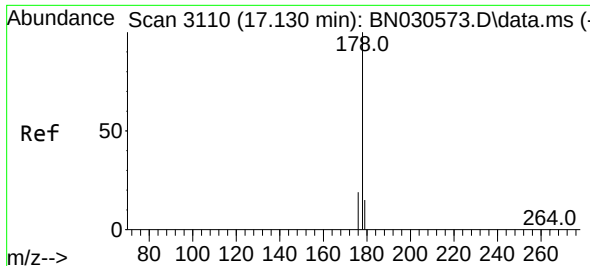
Tgt Ion:166 Resp: 17905
Ion Ratio Lower Upper
166 100
165 98.3 77.5 116.3
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.824 ng/ul
RT: 16.733 min Scan# 3016
Delta R.T. -0.015 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

Tgt Ion:266 Resp: 4049
Ion Ratio Lower Upper
266 100
264 62.3 50.0 75.0
268 64.1 51.0 76.6

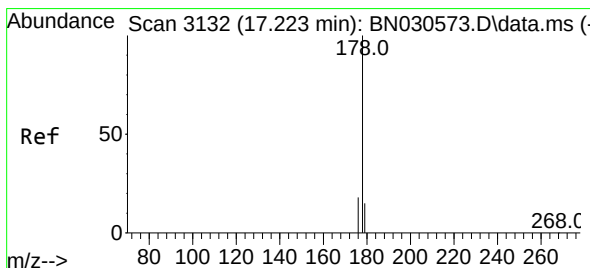
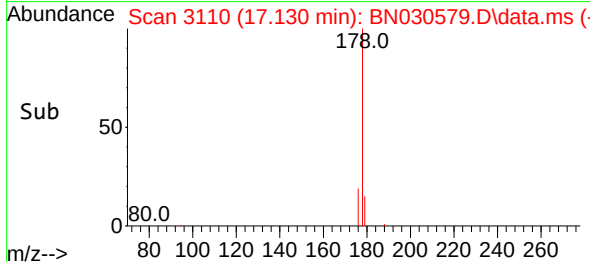
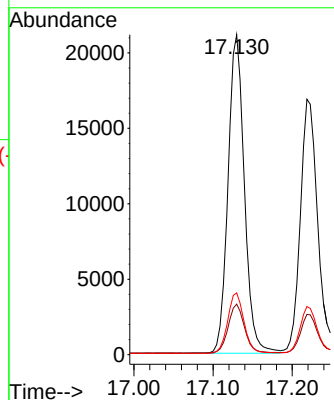
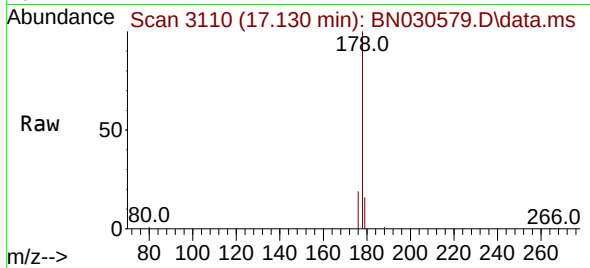




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.130 min Scan# 3110
Delta R.T. -0.019 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

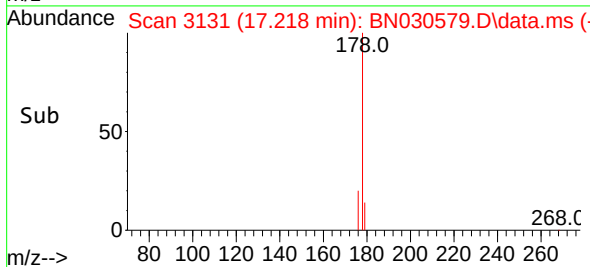
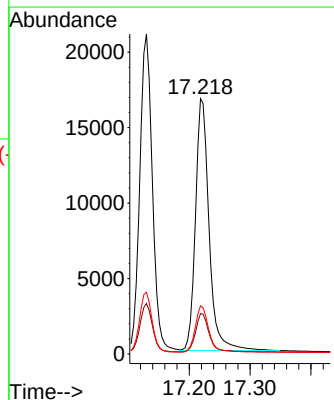
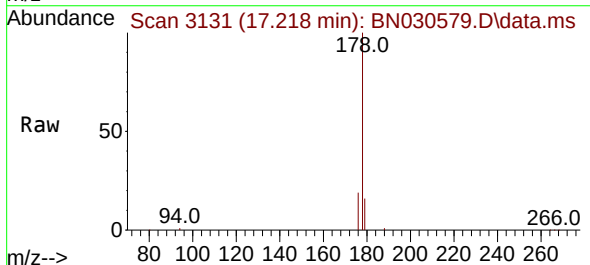
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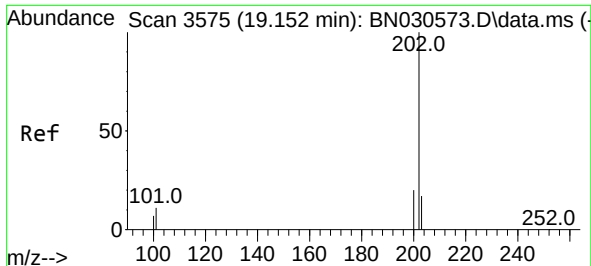
Tgt Ion:178 Resp: 30362
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.3 15.4 23.0



#16
Anthracene
Concen: 0.383 ng/ul
RT: 17.218 min Scan# 3131
Delta R.T. -0.019 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

Tgt Ion:178 Resp: 25978
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 18.9 15.3 22.9

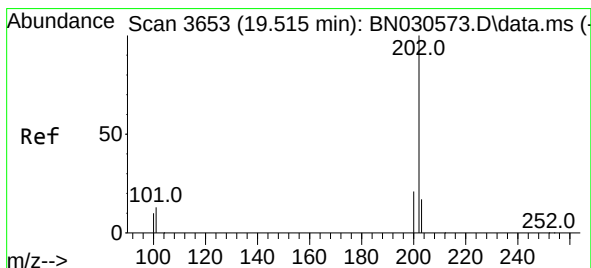
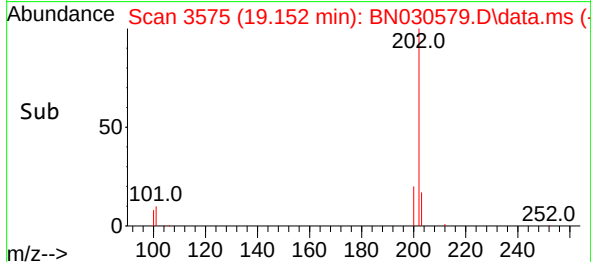
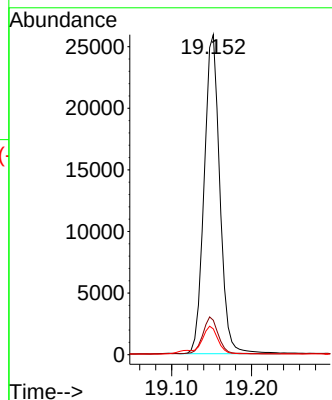
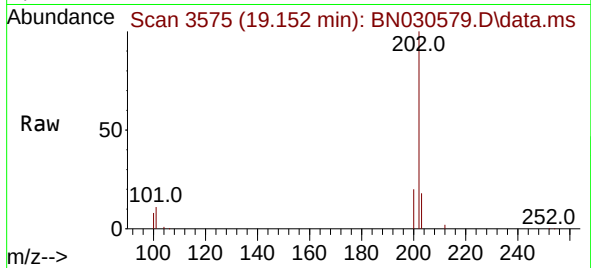




#19
Fluoranthene
Concen: 0.366 ng/u1
RT: 19.152 min Scan# 3575
Delta R.T. -0.017 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

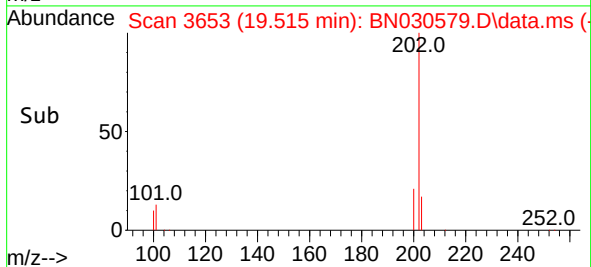
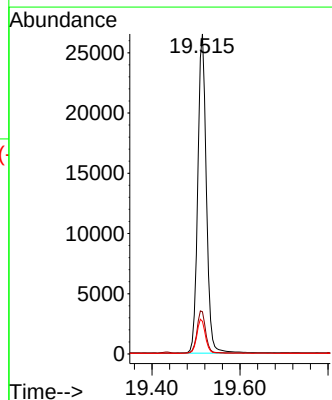
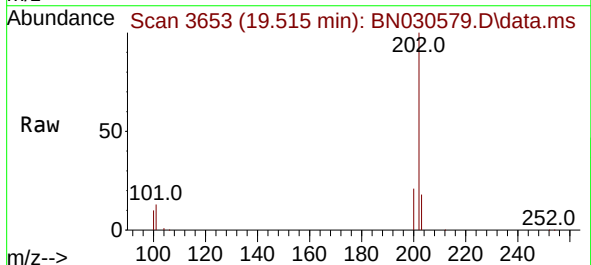
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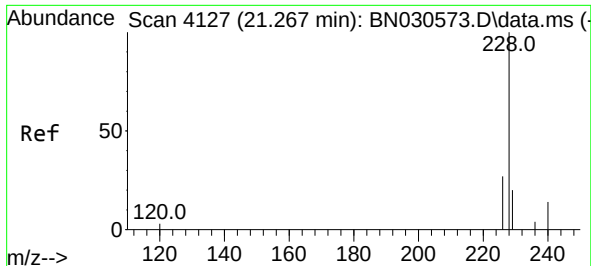
Tgt Ion:202 Resp: 35133
Ion Ratio Lower Upper
202 100
101 10.7 8.8 13.2
100 8.0 6.6 9.8



#20
Pyrene
Concen: 0.380 ng/u1
RT: 19.515 min Scan# 3653
Delta R.T. -0.017 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

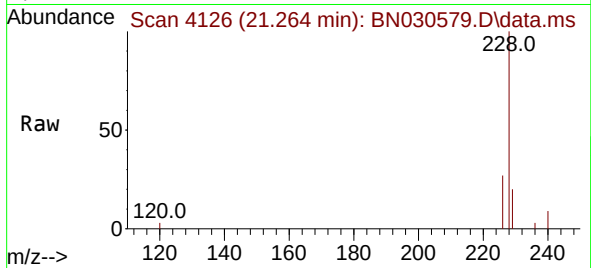
Tgt Ion:202 Resp: 35908
Ion Ratio Lower Upper
202 100
101 13.2 10.3 15.5
100 10.2 8.2 12.2



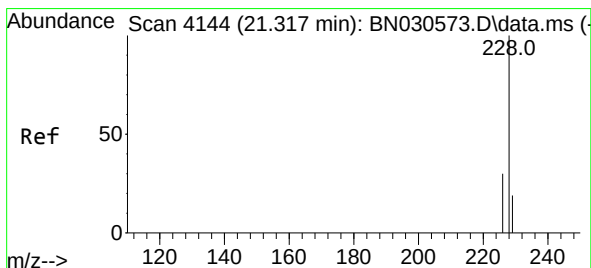
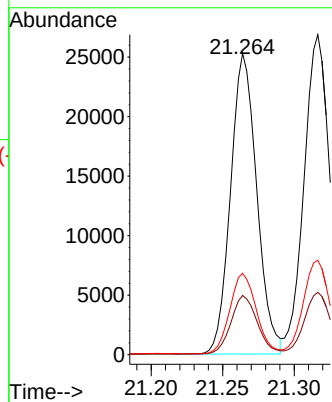
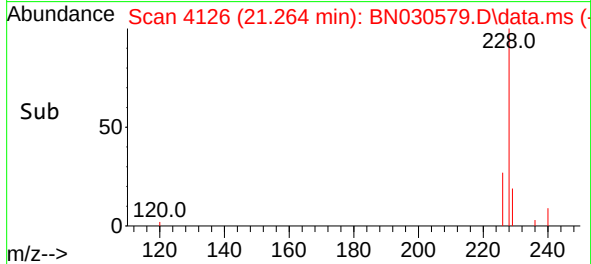


#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.264 min Scan# 4126
Delta R.T. -0.020 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

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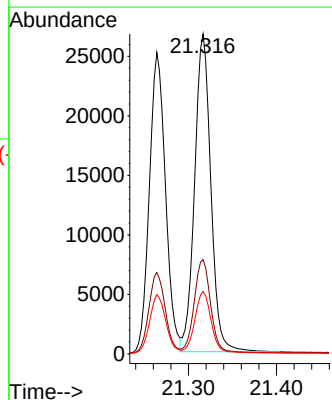
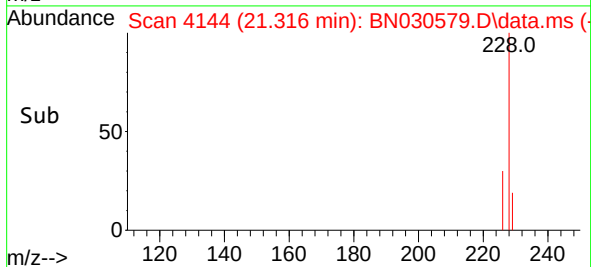
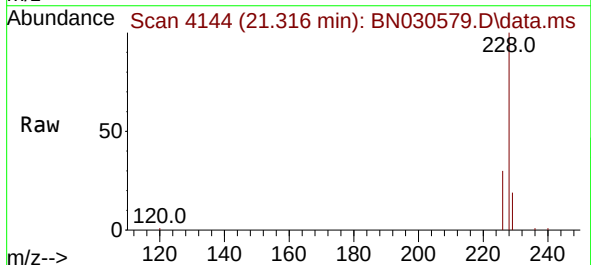


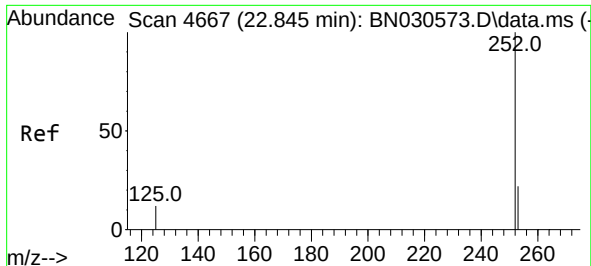
Tgt Ion:228 Resp: 32215
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.0 21.5 32.3



#22
Chrysene
Concen: 0.387 ng/ul
RT: 21.316 min Scan# 4144
Delta R.T. -0.017 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

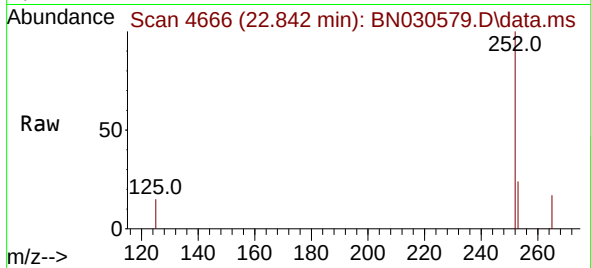
Tgt Ion:228 Resp: 34302
Ion Ratio Lower Upper
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226 29.5 24.1 36.1
229 19.5 15.6 23.4



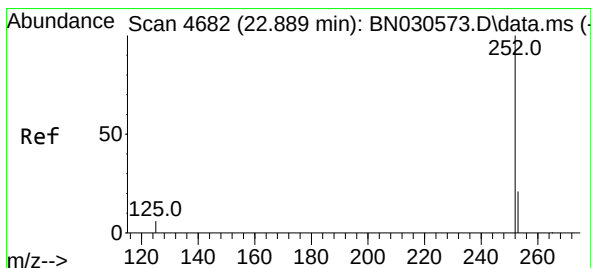
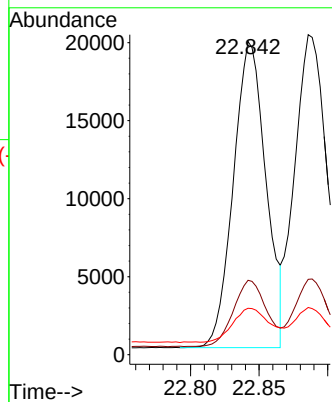
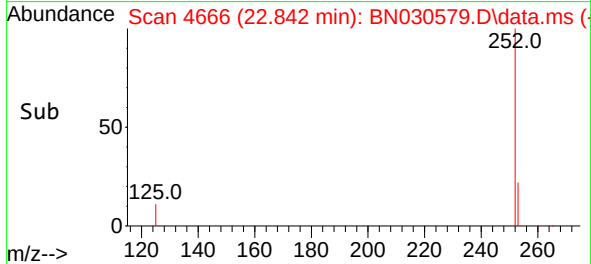


#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 22.842 min Scan# 4666
Delta R.T. -0.026 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

Instrument :
BNA_N
ClientSampleId :
SLCS893

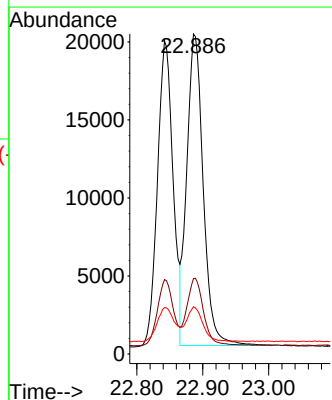
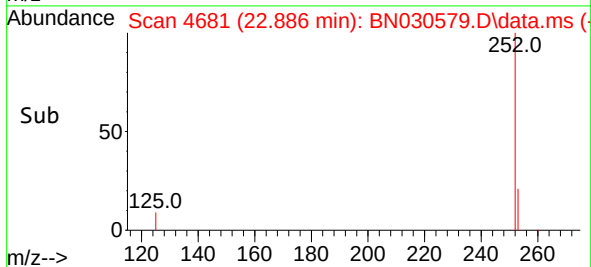
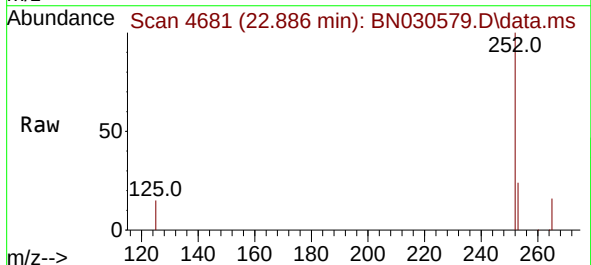


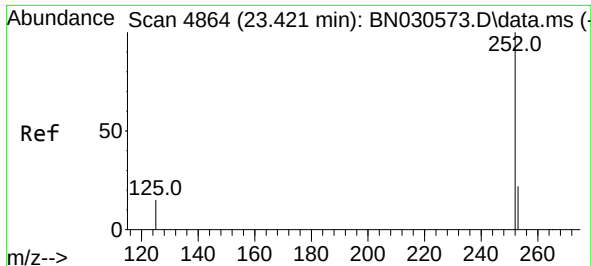
Tgt Ion:252 Resp: 32443
Ion Ratio Lower Upper
252 100
253 23.7 0.0 47.4
125 14.8 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.886 min Scan# 4681
Delta R.T. -0.029 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

Tgt Ion:252 Resp: 34574
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.4
125 14.8 11.6 17.4

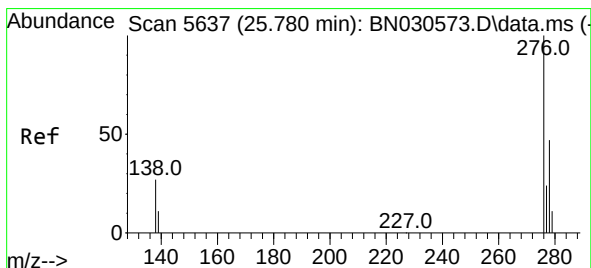
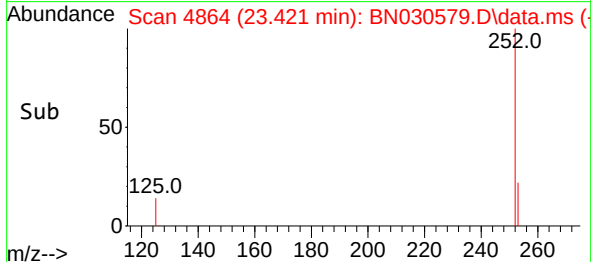
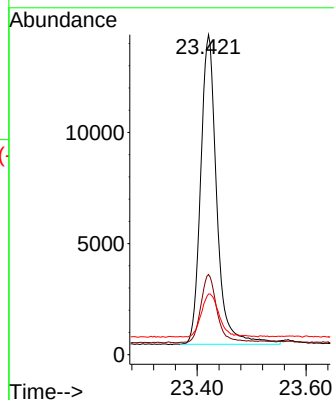
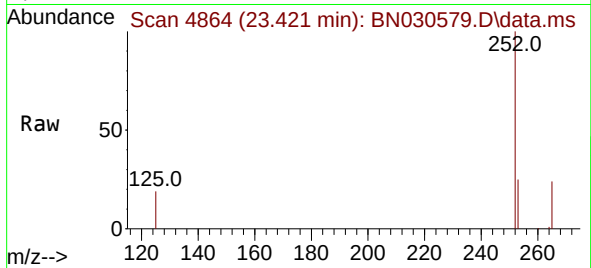




#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.421 min Scan# 4864
Delta R.T. -0.026 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

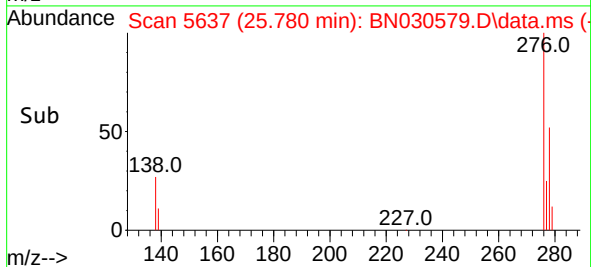
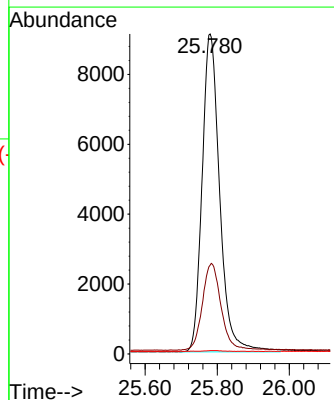
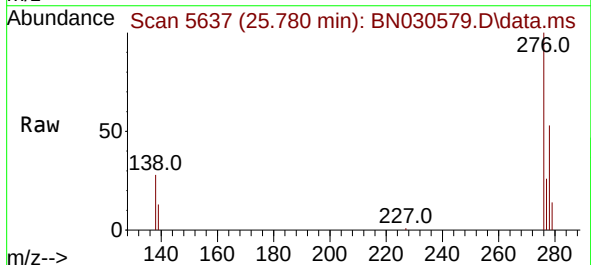
Instrument :
BNA_N
ClientSampleId :
SLCS893

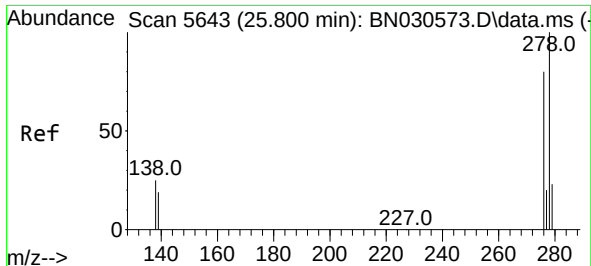
Tgt Ion:252	Resp:	28611
Ion Ratio	Lower	Upper
252	100	
253	25.0	19.6 29.4
125	19.0	14.3 21.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 25.780 min Scan# 5637
Delta R.T. -0.040 min
Lab File: BN030579.D
Acq: 31 Mar 2024 14:50

Tgt Ion:276	Resp:	30869
Ion Ratio	Lower	Upper
276	100	
138	29.0	23.3 34.9
227	0.3	0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.391 ng/ul

RT: 25.800 min Scan# 5643

Delta R.T. -0.043 min

Lab File: BN030579.D

Acq: 31 Mar 2024 14:50

Instrument :

BNA_N

ClientSampleId :

SLCS893

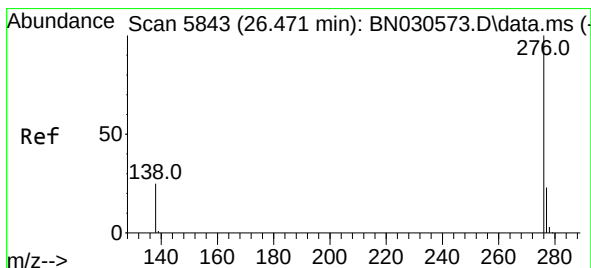
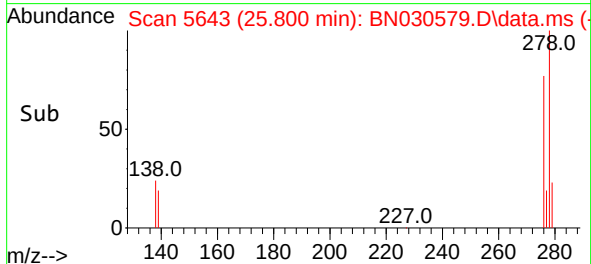
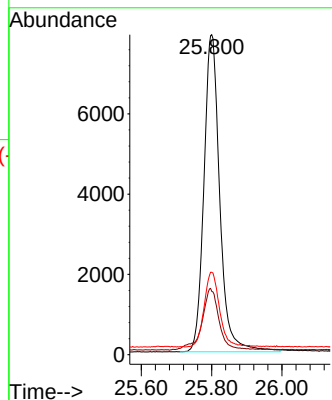
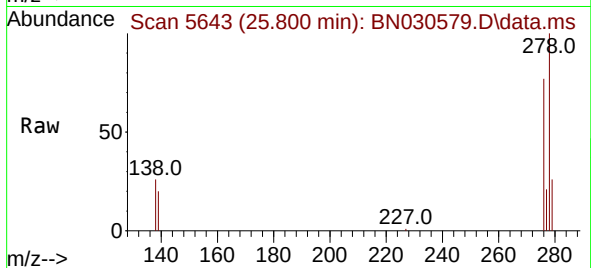
Tgt Ion:278 Resp: 24782

Ion Ratio Lower Upper

278 100

139 19.8 16.5 24.7

279 25.8 21.6 32.4



#29

Benzo(g,h,i)perylene

Concen: 0.355 ng/ul

RT: 26.468 min Scan# 5842

Delta R.T. -0.047 min

Lab File: BN030579.D

Acq: 31 Mar 2024 14:50

Tgt Ion:276 Resp: 24042

Ion Ratio Lower Upper

276 100

138 25.9 21.1 31.7

277 24.7 19.8 29.8

