

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072922\
 Data File : BN020923.D
 Acq On : 29 Jul 2022 15:39
 Operator : CG/JU
 Sample : PB146502BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS502

Quant Time: Jul 29 17:48:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 18:06:54 2022
 Response via : Initial Calibration

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

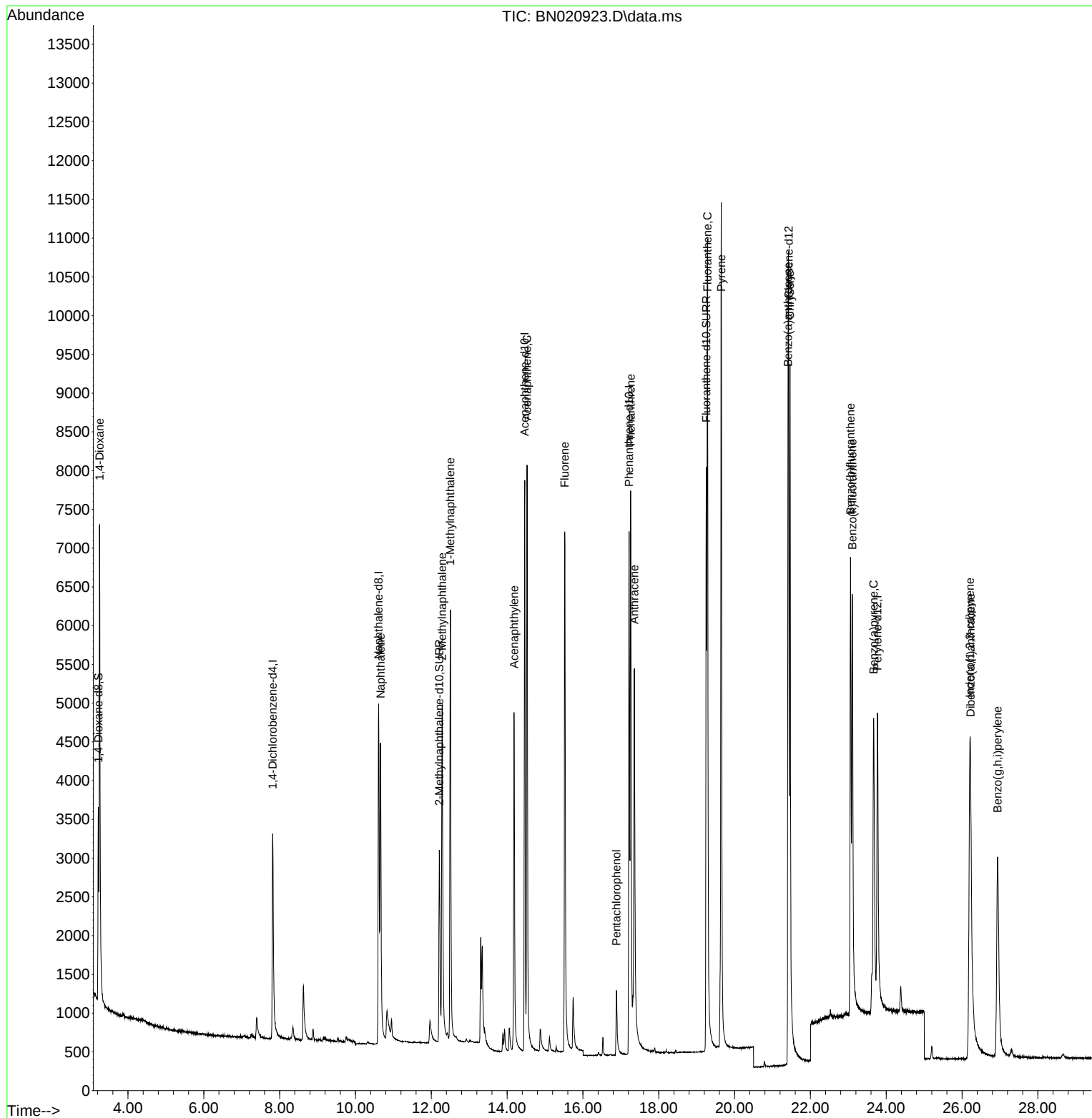
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	2094	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	7187	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	4560	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	9495	0.400	ng/ul	0.00
17) Chrysene-d12	21.426	240	7509	0.400	ng/ul	0.00
23) Perylene-d12	23.770	264	6036	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1783	0.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	4108	0.376	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	9773	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4167	1.612	ng/ul#	82
5) Naphthalene	10.661	128	6440	0.286	ng/ul	99
7) 2-Methylnaphthalene	12.289	142	4090	0.287	ng/ul	100
8) 1-Methylnaphthalene	12.503	142	4468	0.324	ng/ul	100
10) Acenaphthylene	14.183	152	6286	0.277	ng/ul	99
11) Acenaphthene	14.525	153	5009	0.273	ng/ul	99
12) Fluorene	15.520	166	5604	0.278	ng/ul	99
14) Pentachlorophenol	16.883	266	811	0.567	ng/ul	99
15) Phenanthrene	17.259	178	9283	0.267	ng/ul	99
16) Anthracene	17.356	178	7579	0.272	ng/ul	98
19) Fluoranthene	19.285	202	10656	0.303	ng/ul	99
20) Pyrene	19.648	202	11060	0.301	ng/ul	99
21) Benzo(a)anthracene	21.408	228	7436	0.300	ng/ul	99
22) Chrysene	21.461	228	9227	0.289	ng/ul	99
24) Benzo(b)fluoranthene	23.057	252	8267	0.289	ng/ul	97
25) Benzo(k)fluoranthene	23.104	252	8582	0.290	ng/ul	97
26) Benzo(a)pyrene	23.668	252	7477	0.284	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.205	276	7775	0.280	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.225	278	6005	0.284	ng/ul	94
29) Benzo(g,h,i)perylene	26.939	276	7133	0.285	ng/ul	97

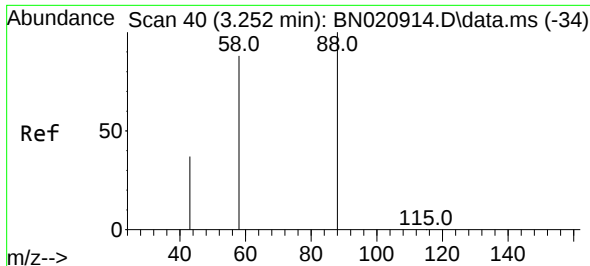
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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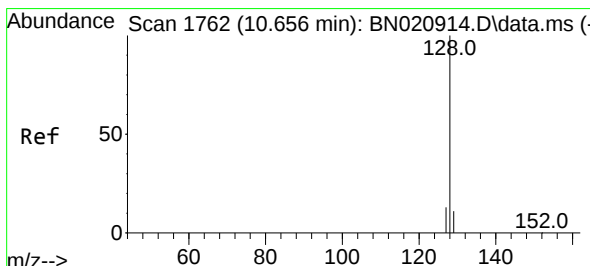
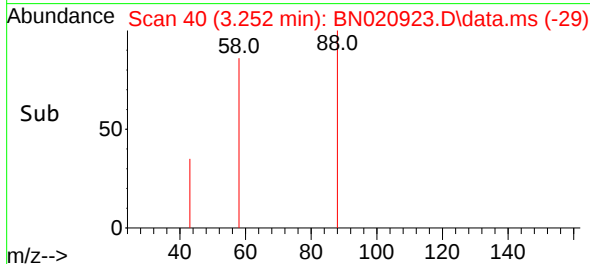
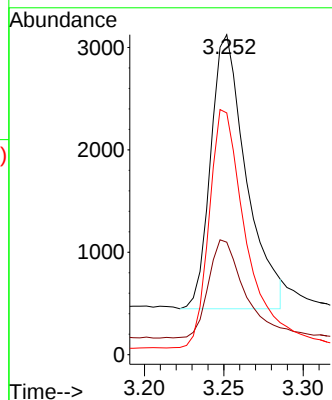
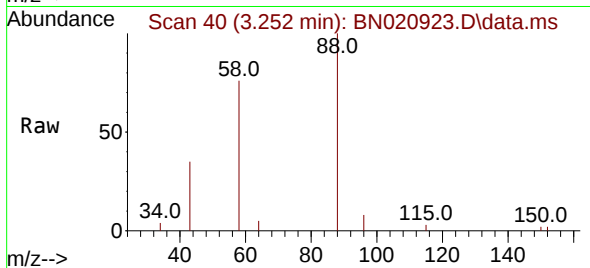




#2
1,4-Dioxane
Concen: 1.612 ng/ul
RT: 3.252 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

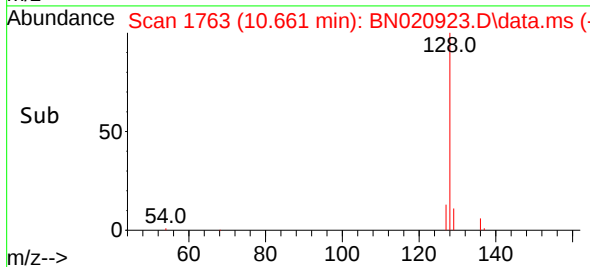
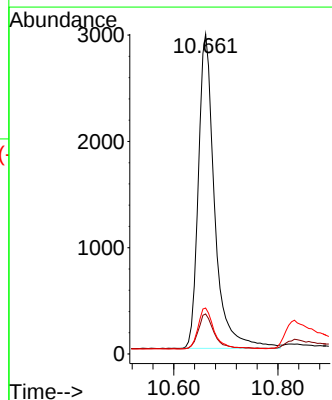
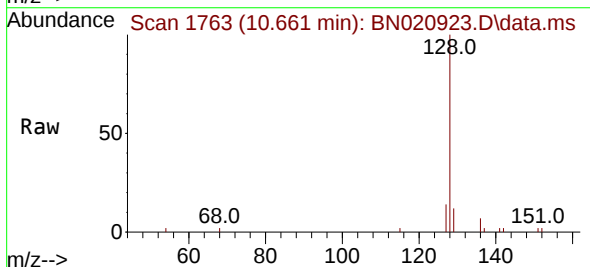
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BNA_N
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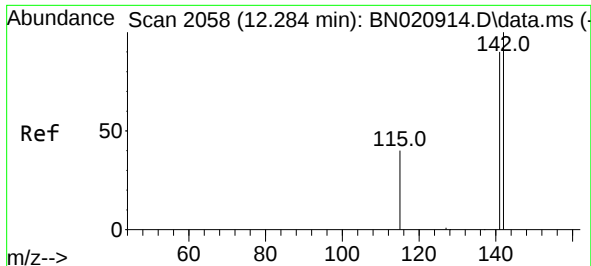
Tgt Ion: 88 Resp: 4167
Ion Ratio Lower Upper
88 100
43 35.2 32.5 48.7
58 75.6 46.2 69.2#



#5
Naphthalene
Concen: 0.286 ng/ul
RT: 10.661 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

Tgt Ion: 128 Resp: 6440
Ion Ratio Lower Upper
128 100
129 12.5 9.5 14.3
127 14.3 11.3 16.9

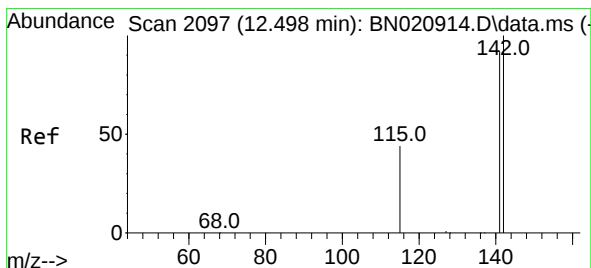
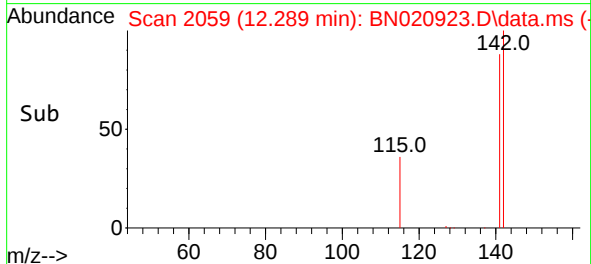
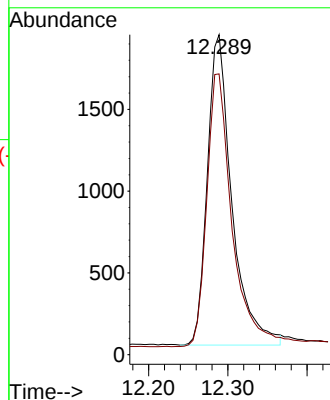
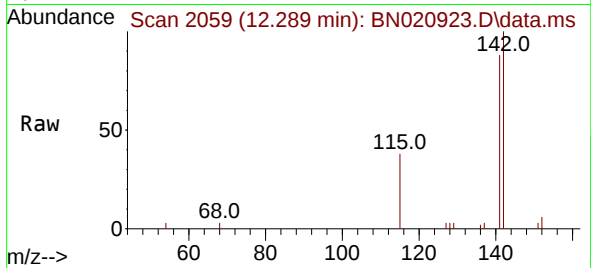




#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.289 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

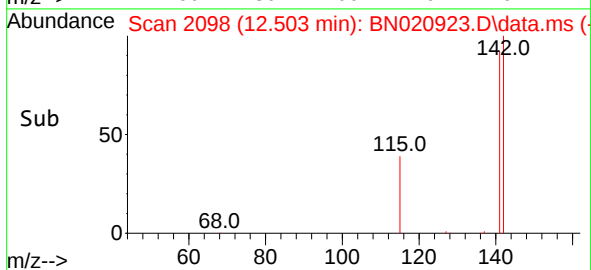
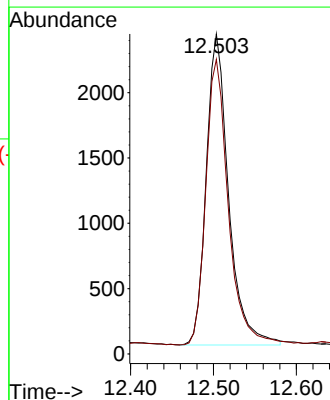
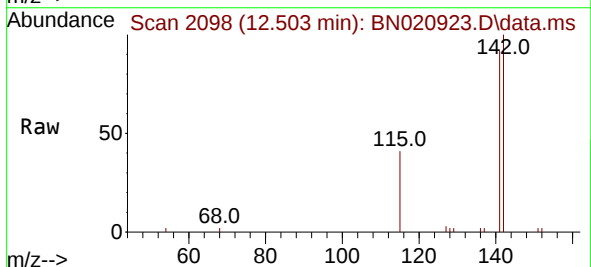
Instrument :
BNA_N
ClientSampleId :
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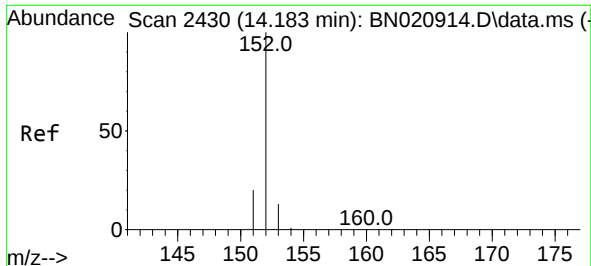
Tgt Ion:142 Resp: 4090
Ion Ratio Lower Upper
142 100
141 90.1 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.503 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

Tgt Ion:142 Resp: 4468
Ion Ratio Lower Upper
142 100
141 92.2 73.7 110.5

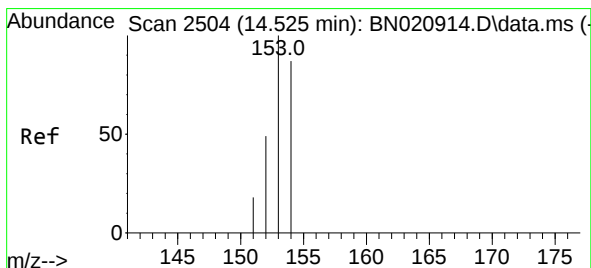
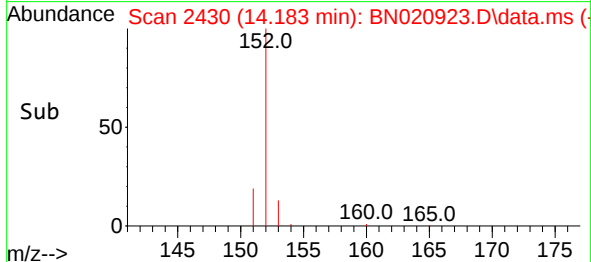
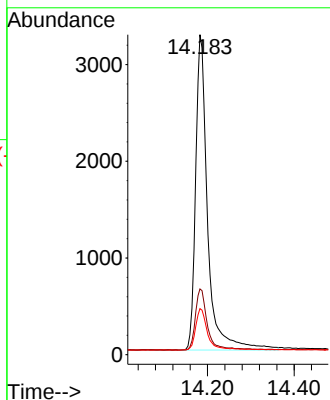
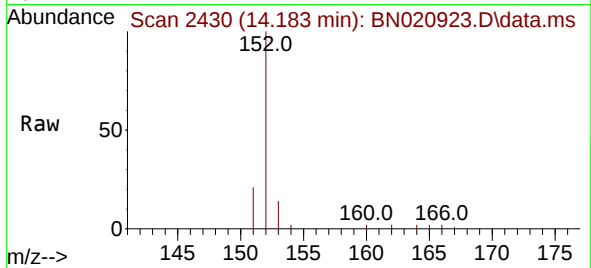




#10
Acenaphthylene
Concen: 0.277 ng/ul
RT: 14.183 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

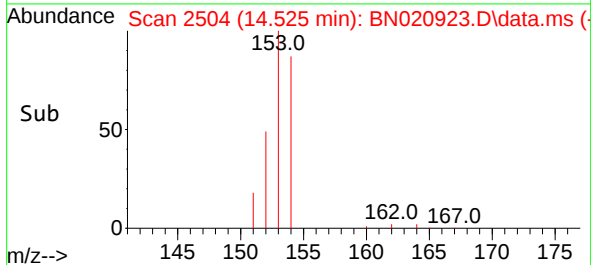
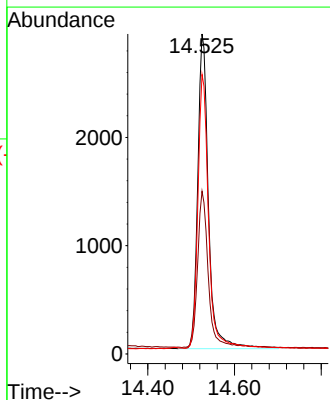
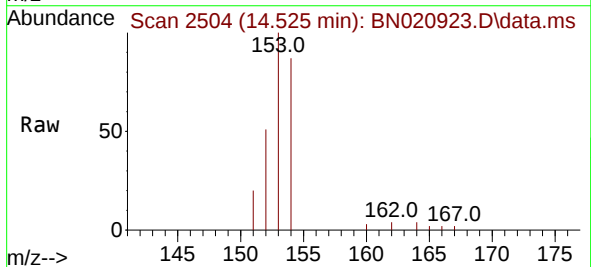
Instrument :
BNA_N
ClientSampleId :
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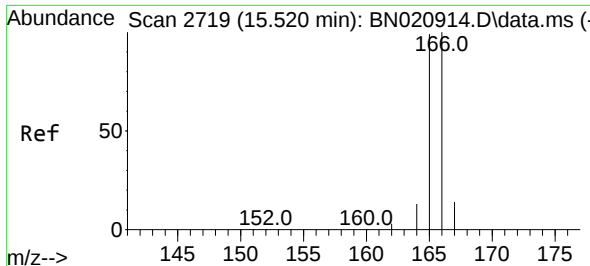
Tgt Ion:152 Resp: 6286
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 14.4 11.1 16.7



#11
Acenaphthene
Concen: 0.273 ng/ul
RT: 14.525 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

Tgt Ion:153 Resp: 5009
Ion Ratio Lower Upper
153 100
152 50.8 40.0 60.0
154 87.3 70.0 105.0

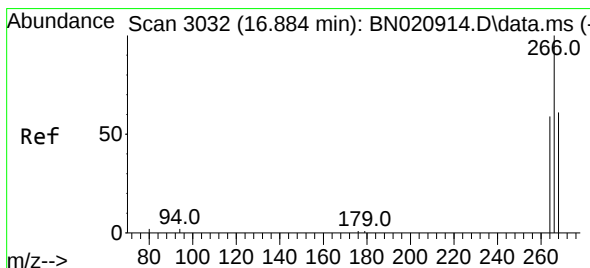
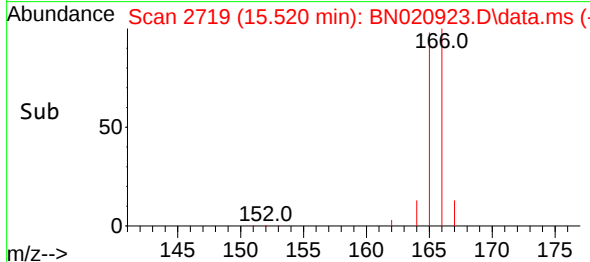
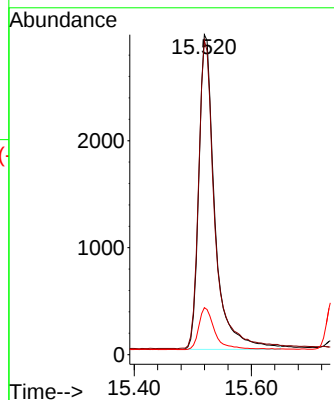
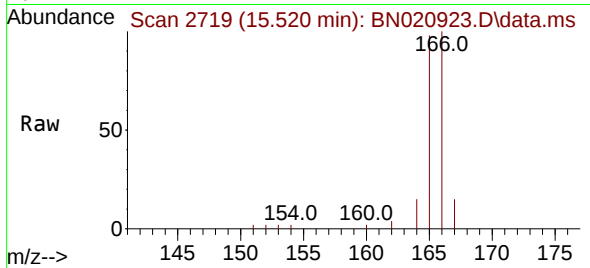




#12
Fluorene
Concen: 0.278 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

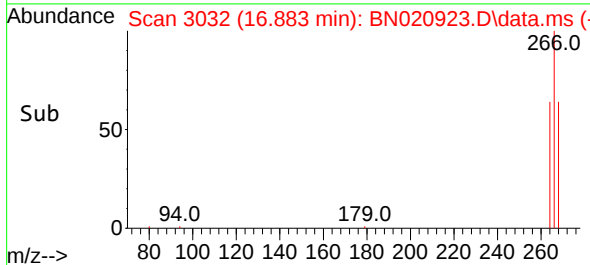
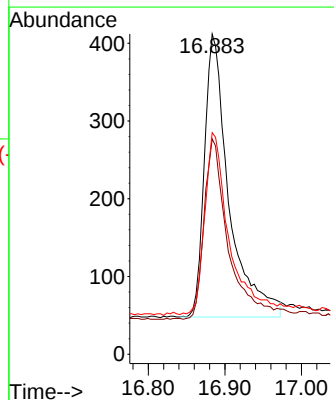
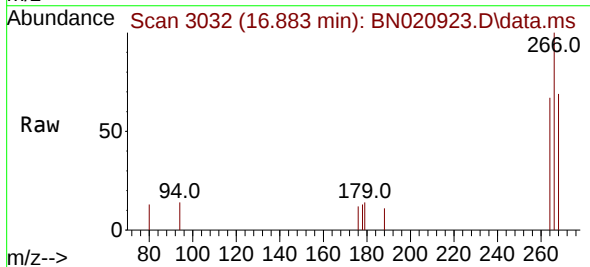
Instrument :
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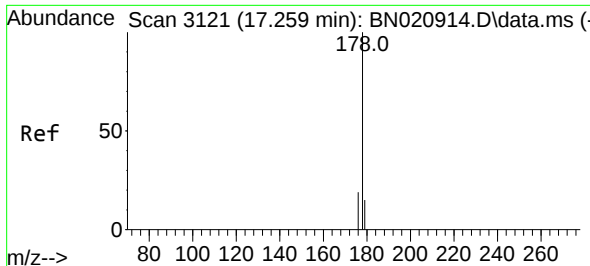
Tgt Ion:166 Resp: 5604
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 14.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.567 ng/ul
RT: 16.883 min Scan# 3032
Delta R.T. -0.008 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

Tgt Ion:266 Resp: 811
Ion Ratio Lower Upper
266 100
264 63.1 51.6 77.4
268 63.9 51.5 77.3

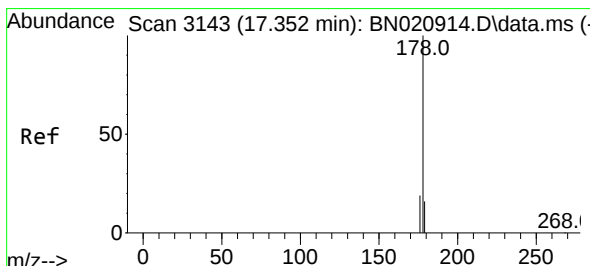
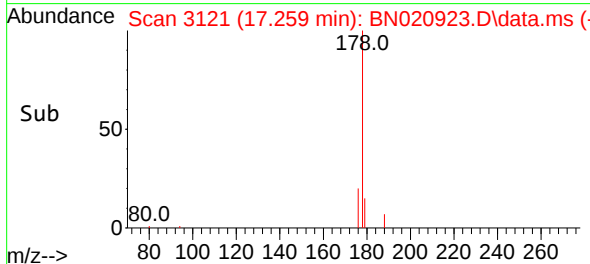
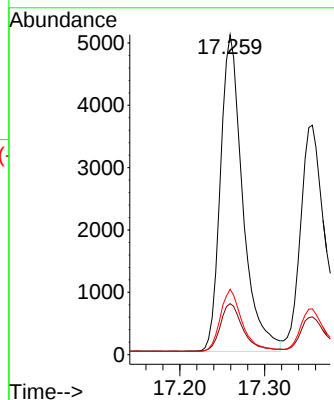
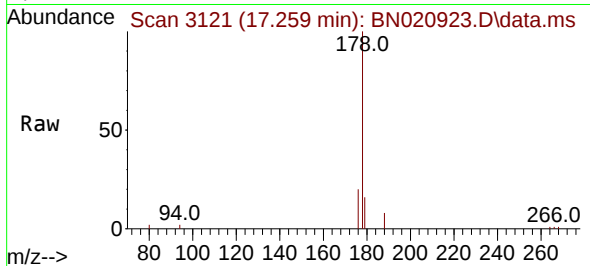




#15
Phenanthrene
Concen: 0.267 ng/ul
RT: 17.259 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

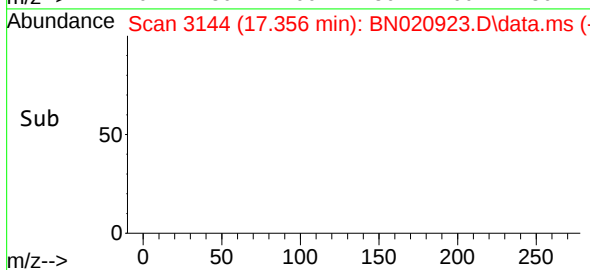
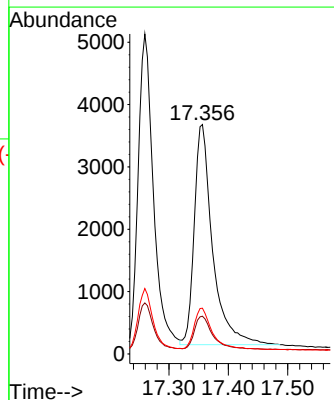
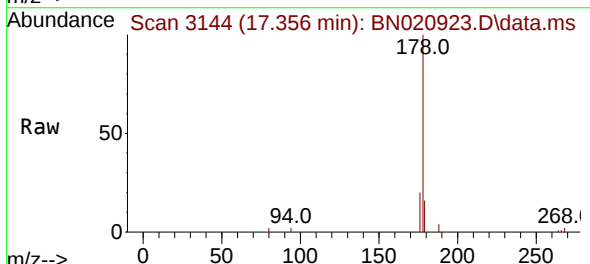
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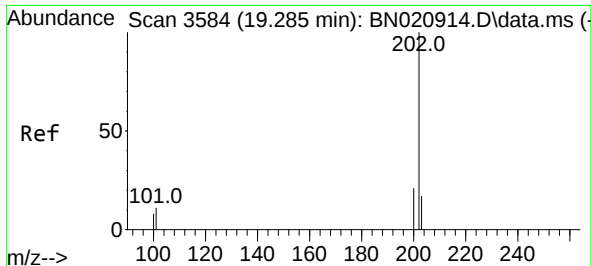
Tgt Ion:178 Resp: 9283
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 20.4 15.8 23.6



#16
Anthracene
Concen: 0.272 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

Tgt Ion:178 Resp: 7579
Ion Ratio Lower Upper
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179 16.5 12.8 19.2
176 20.0 15.2 22.8

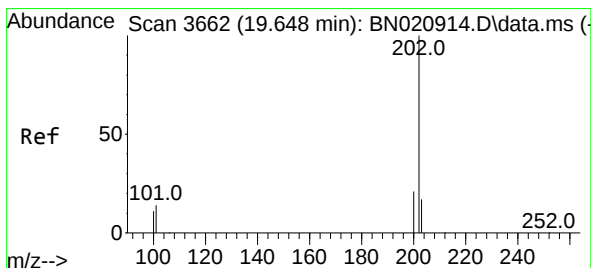
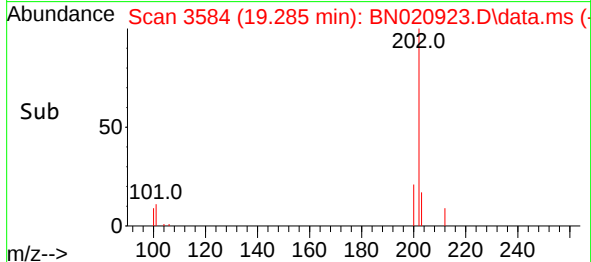
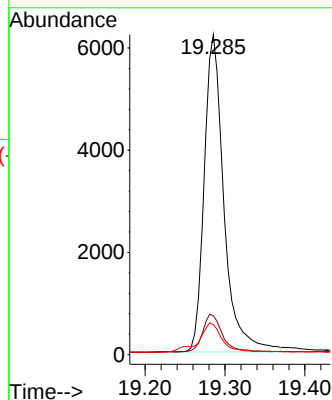
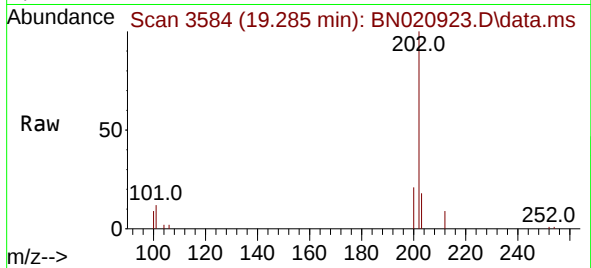




#19
Fluoranthene
Concen: 0.303 ng/ul
RT: 19.285 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

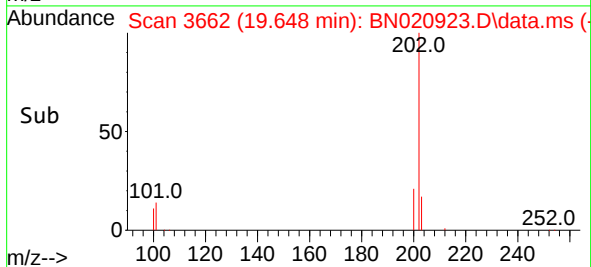
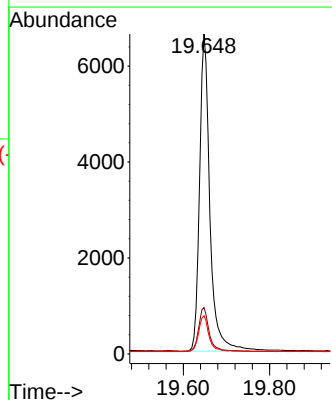
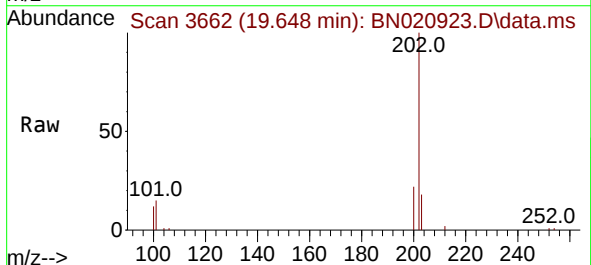
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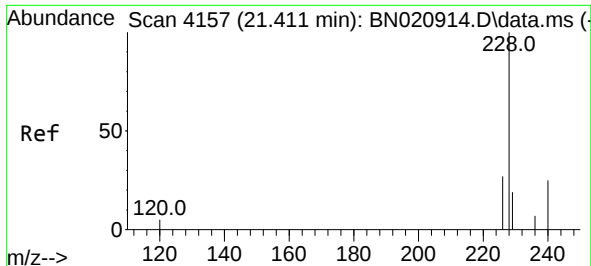
Tgt Ion:202 Resp: 10656
Ion Ratio Lower Upper
202 100
101 12.2 10.3 15.5
100 9.4 7.8 11.6



#20
Pyrene
Concen: 0.301 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

Tgt Ion:202 Resp: 11060
Ion Ratio Lower Upper
202 100
101 14.5 11.6 17.4
100 12.0 9.2 13.8

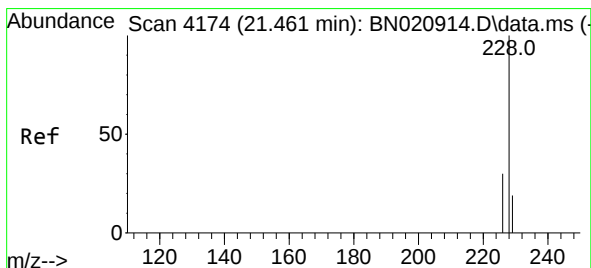
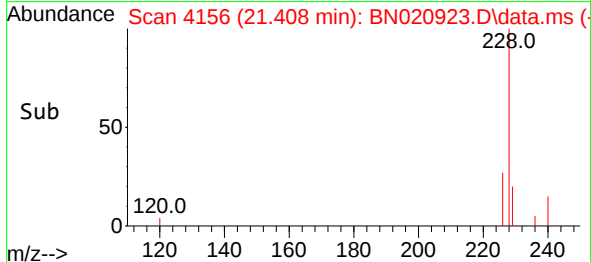
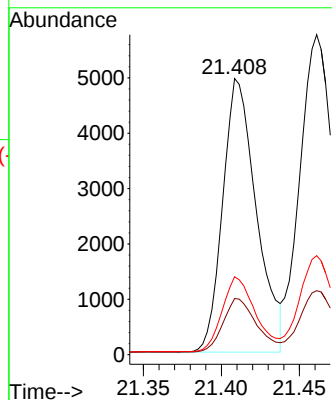
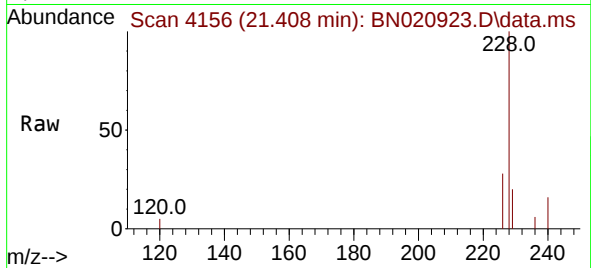




#21
Benzo(a)anthracene
Concen: 0.300 ng/ul
RT: 21.408 min Scan# 4156
Delta R.T. -0.008 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

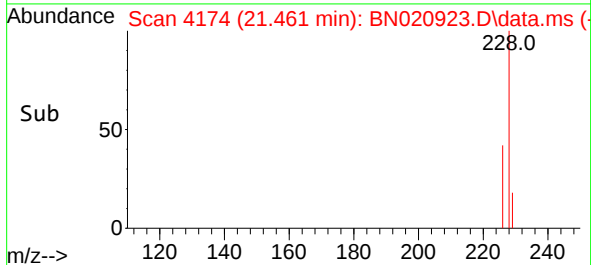
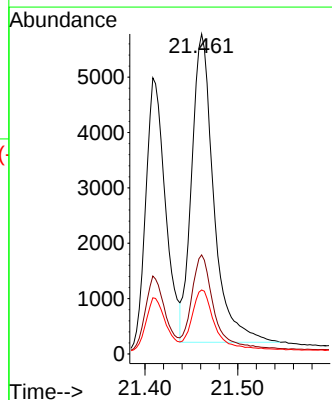
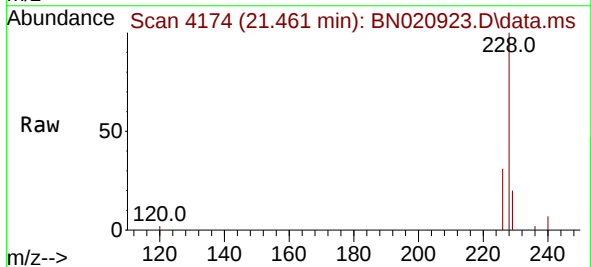
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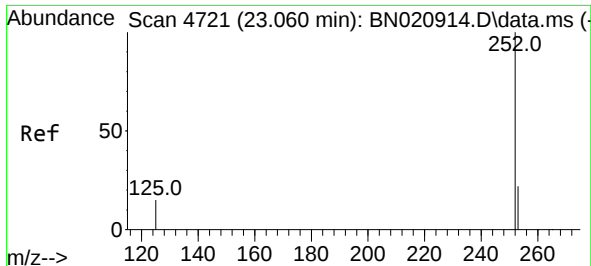
Tgt Ion:228 Resp: 7436
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 28.2 22.2 33.2



#22
Chrysene
Concen: 0.289 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

Tgt Ion:228 Resp: 9227
Ion Ratio Lower Upper
228 100
226 31.0 23.9 35.9
229 20.0 15.8 23.8

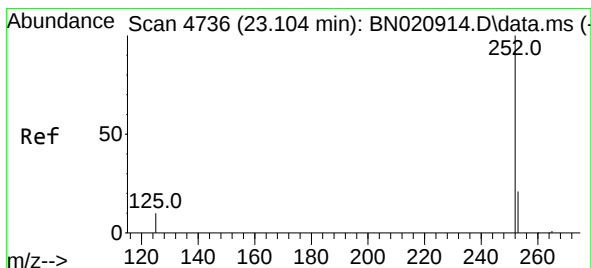
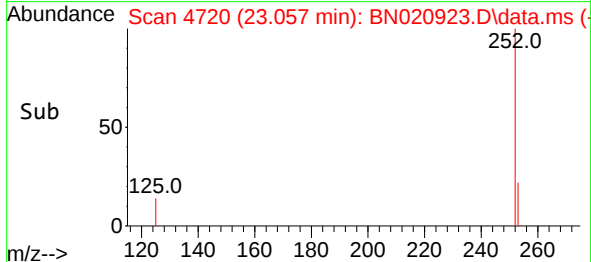
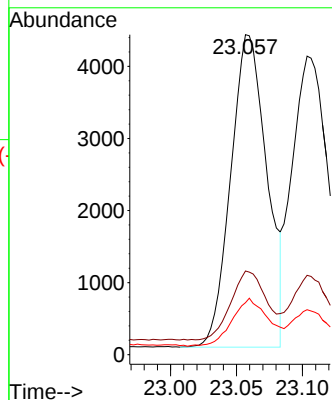
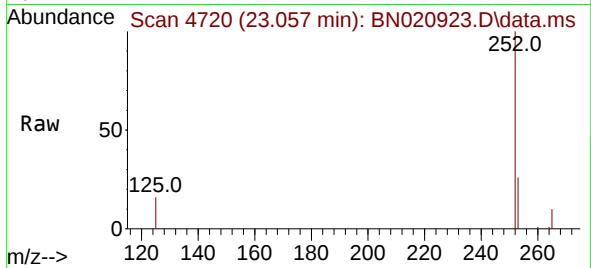




#24
Benzo(b)fluoranthene
Concen: 0.289 ng/ul
RT: 23.057 min Scan# 4720
Delta R.T. -0.008 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

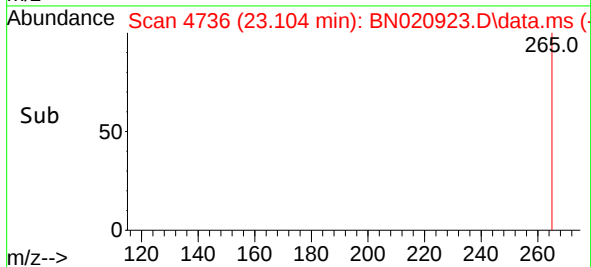
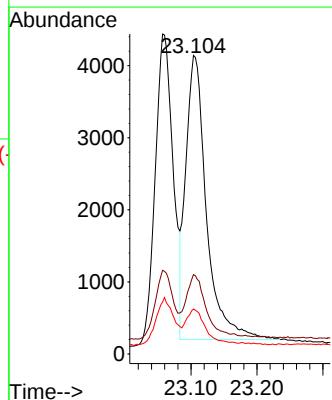
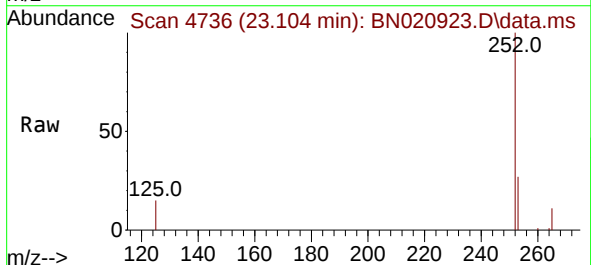
Instrument :
BNA_N
ClientSampleId :
SLCS502

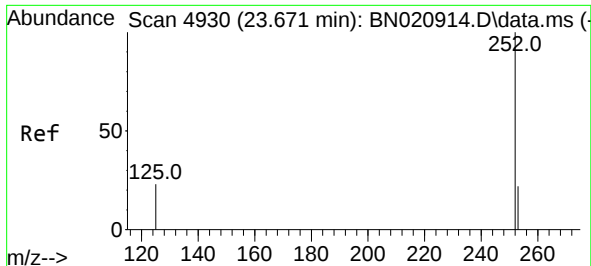
Tgt Ion:252 Resp: 8267
Ion Ratio Lower Upper
252 100
253 26.2 0.0 48.6
125 16.2 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.290 ng/ul
RT: 23.104 min Scan# 4736
Delta R.T. -0.005 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

Tgt Ion:252 Resp: 8582
Ion Ratio Lower Upper
252 100
253 26.6 19.7 29.5
125 15.1 12.0 18.0

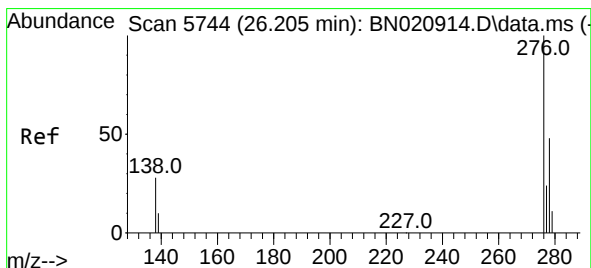
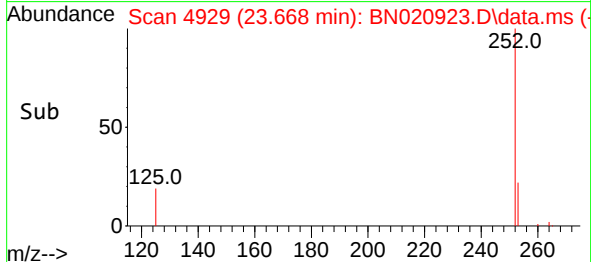
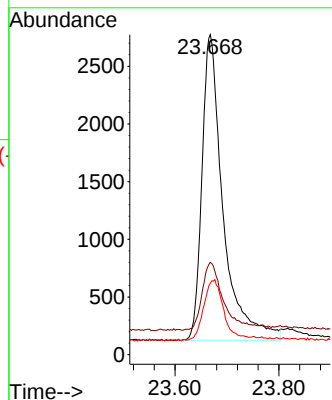
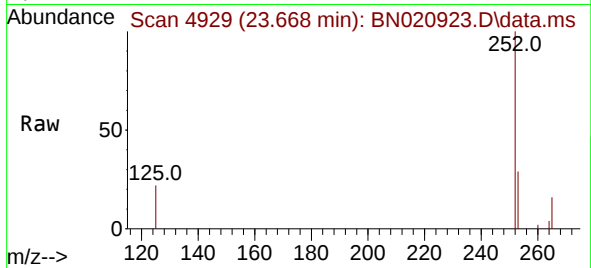




#26
Benzo(a)pyrene
Concen: 0.284 ng/ul
RT: 23.668 min Scan# 4929
Delta R.T. -0.008 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

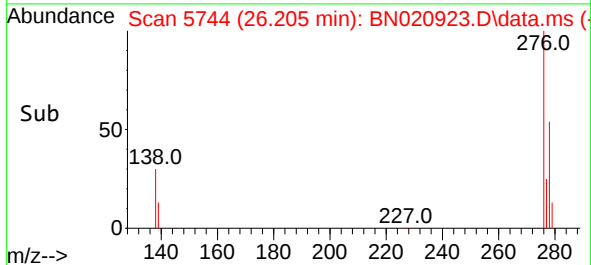
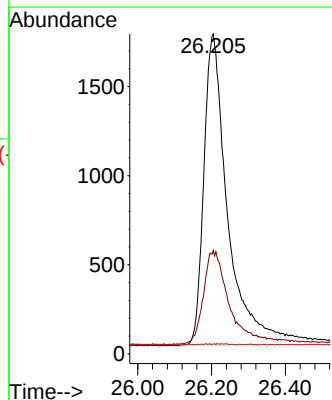
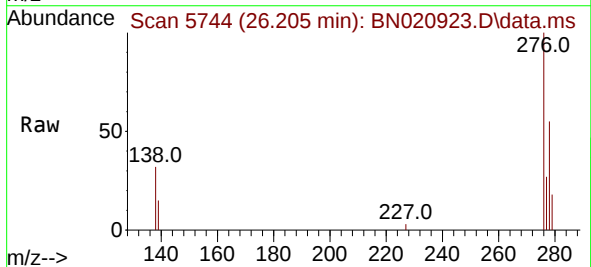
Instrument :
BNA_N
ClientSampleId :
SLCS502

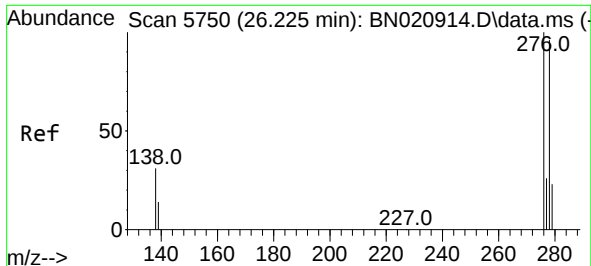
Tgt Ion:	252	Resp:	7477
Ion Ratio	Lower	Upper	
252	100		
253	28.9	21.0	31.4
125	22.3	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng/ul
RT: 26.205 min Scan# 5744
Delta R.T. -0.005 min
Lab File: BN020923.D
Acq: 29 Jul 2022 15:39

Tgt Ion:	276	Resp:	7775
Ion Ratio	Lower	Upper	
276	100		
138	32.7	27.4	41.2
227	0.0	0.2	0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.284 ng/ul

RT: 26.225 min Scan# 51

Delta R.T. -0.005 min

Lab File: BN020923.D

Acq: 29 Jul 2022 15:39

Instrument :

BNA_N

ClientSampleId :

SLCS502

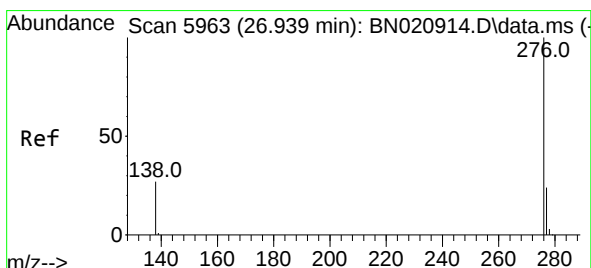
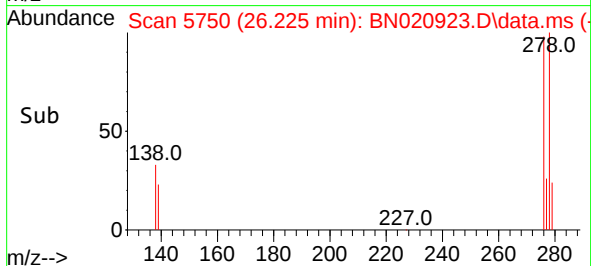
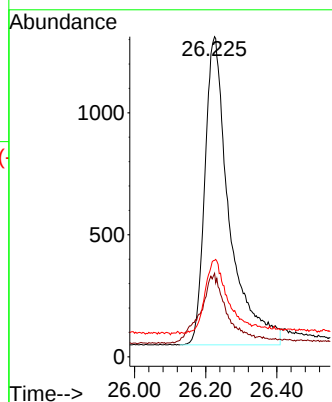
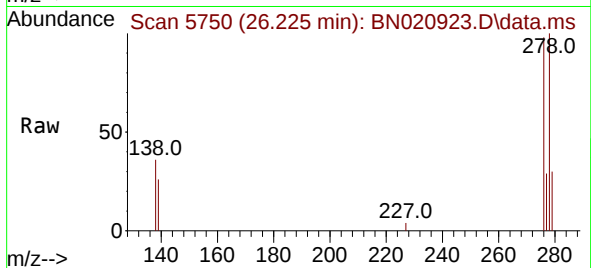
Tgt Ion:278 Resp: 6005

Ion Ratio Lower Upper

278 100

139 26.1 18.8 28.2

279 30.1 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.285 ng/ul

RT: 26.939 min Scan# 5963

Delta R.T. -0.008 min

Lab File: BN020923.D

Acq: 29 Jul 2022 15:39

Tgt Ion:276 Resp: 7133

Ion Ratio Lower Upper

276 100

138 31.1 23.5 35.3

277 26.2 20.1 30.1

