

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
 Data File : BN020315.D
 Acq On : 21 Jun 2022 19:40
 Operator : CG/JU
 Sample : PB145574BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS574

Quant Time: Jun 22 00:08:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:13:51 2022
 Response via : Initial Calibration

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

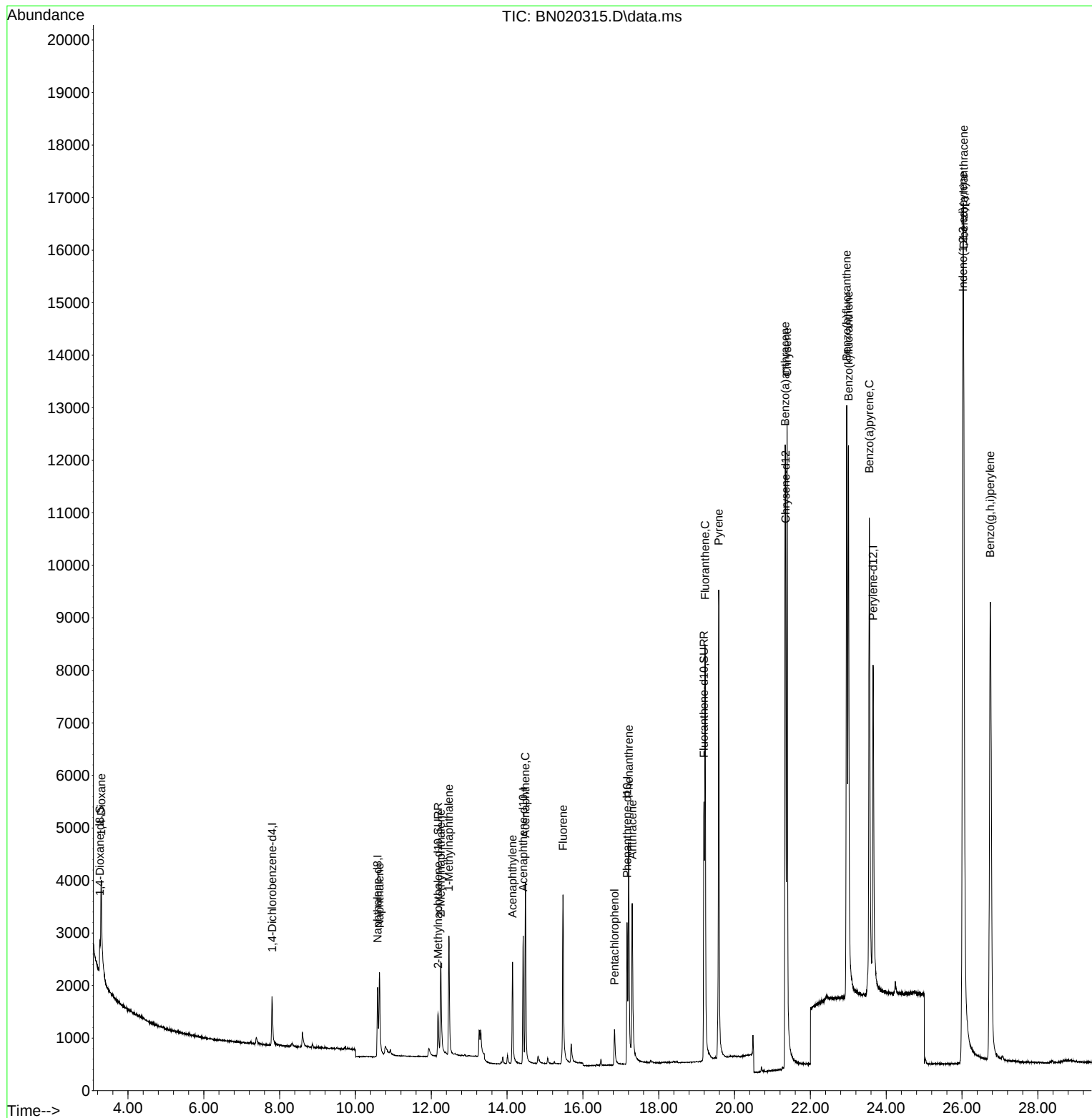
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	709	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	2261	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	1555	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	3941	0.400	ng/ul	0.00
17) Chrysene-d12	21.349	240	7082	0.400	ng/ul	0.00
23) Perylene-d12	23.655	264	9267	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	572	0.707	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	1521	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	6302	0.431	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.294	88	1310	1.681	ng/ul#	83
5) Naphthalene	10.634	128	2886	0.399	ng/ul	99
7) 2-Methylnaphthalene	12.250	142	1704	0.364	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	1909	0.415	ng/ul	99
10) Acenaphthylene	14.145	152	2910	0.391	ng/ul	98
11) Acenaphthene	14.483	153	2351	0.331	ng/ul	97
12) Fluorene	15.473	166	2800	0.380	ng/ul	99
14) Pentachlorophenol	16.833	266	649	0.857	ng/ul	100
15) Phenanthrene	17.208	178	5409	0.379	ng/ul	98
16) Anthracene	17.301	178	4637	0.384	ng/ul	98
19) Fluoranthene	19.220	202	8056	0.282	ng/ul	97
20) Pyrene	19.583	202	8942	0.289	ng/ul	99
21) Benzo(a)anthracene	21.334	228	9827	0.357	ng/ul	100
22) Chrysene	21.384	228	12078	0.353	ng/ul	100
24) Benzo(b)fluoranthene	22.959	252	15662	0.237	ng/ul	99
25) Benzo(k)fluoranthene	23.006	252	15587	0.253	ng/ul	100
26) Benzo(a)pyrene	23.555	252	15721	0.375	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.025	276	22701	0.333	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.042	278	18315	0.337	ng/ul	100
29) Benzo(g,h,i)perylene	26.746	276	21003	0.349	ng/ul	100

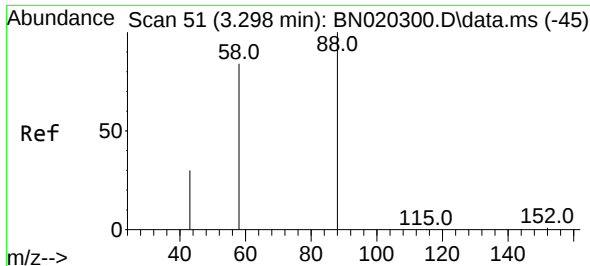
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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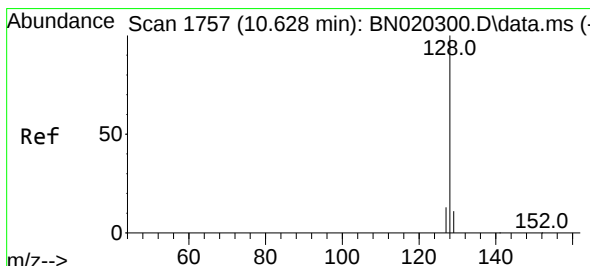
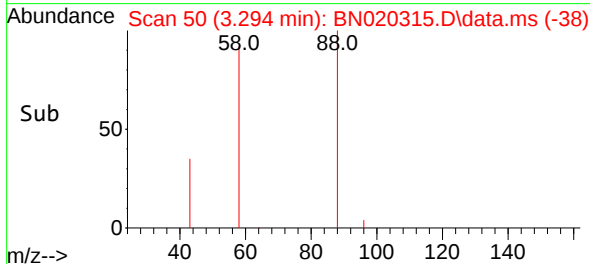
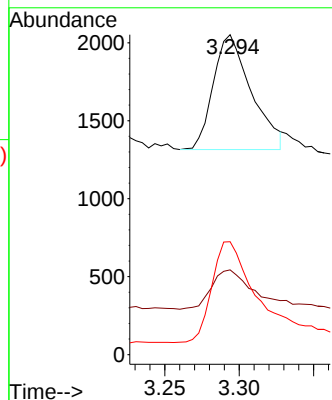
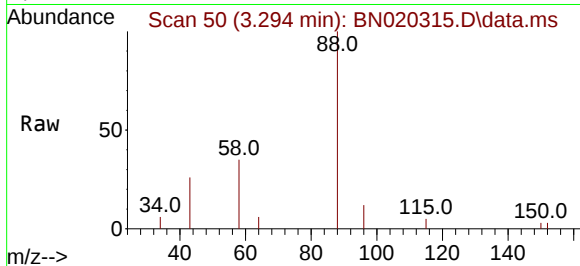




#2
 1,4-Dioxane
 Concen: 1.681 ng/ul
 RT: 3.294 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN020315.D
 Acq: 21 Jun 2022 19:40

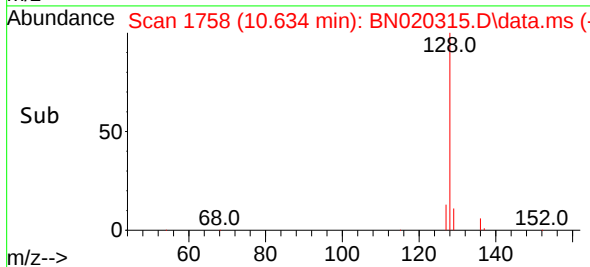
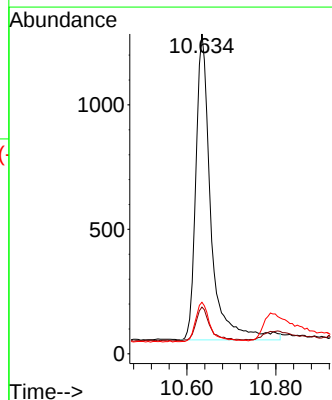
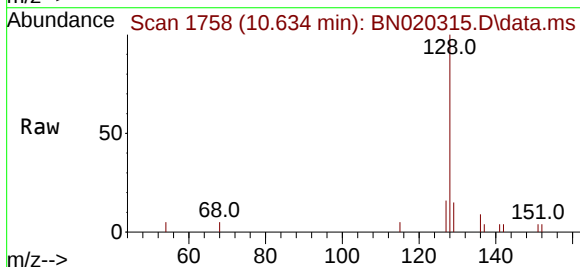
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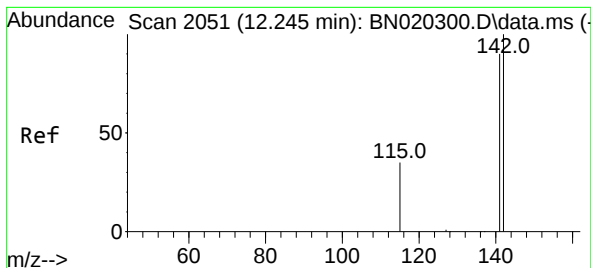
Tgt Ion: 88 Resp: 1310
 Ion Ratio Lower Upper
 88 100
 43 26.5 31.6 47.4#
 58 35.3 23.8 35.6



#5
 Naphthalene
 Concen: 0.399 ng/ul
 RT: 10.634 min Scan# 1758
 Delta R.T. -0.000 min
 Lab File: BN020315.D
 Acq: 21 Jun 2022 19:40

Tgt Ion: 128 Resp: 2886
 Ion Ratio Lower Upper
 128 100
 129 14.6 11.0 16.4
 127 16.1 12.8 19.2





#7

2-Methylnaphthalene

Concen: 0.364 ng/ul

RT: 12.250 min Scan# 2051

Delta R.T. -0.000 min

Lab File: BN020315.D

Acq: 21 Jun 2022 19:40

Instrument :

BNA_N

ClientSampleId :

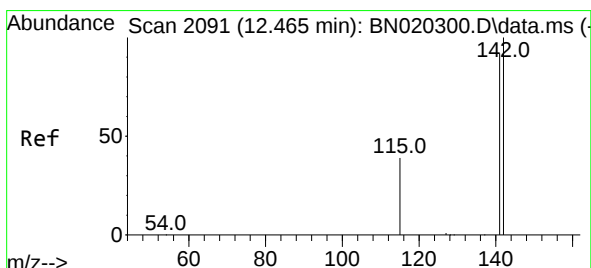
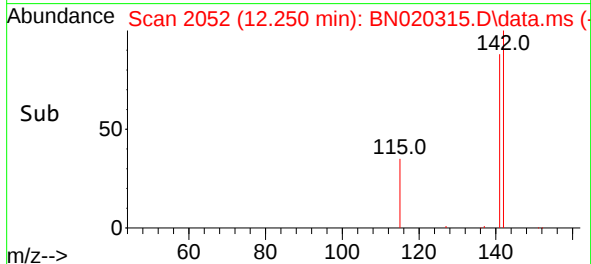
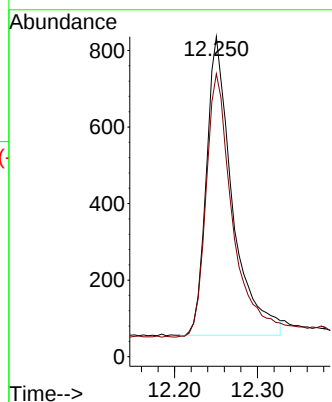
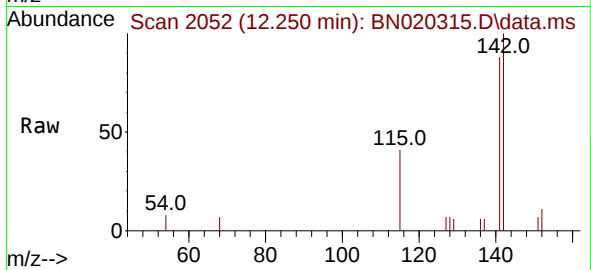
SLCS574

Tgt Ion:142 Resp: 1704

Ion Ratio Lower Upper

142 100

141 90.7 71.8 107.8



#8

1-Methylnaphthalene

Concen: 0.415 ng/ul

RT: 12.465 min Scan# 2091

Delta R.T. -0.000 min

Lab File: BN020315.D

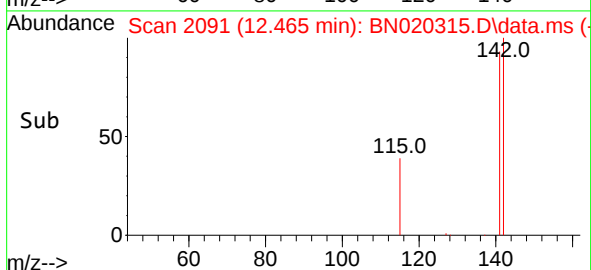
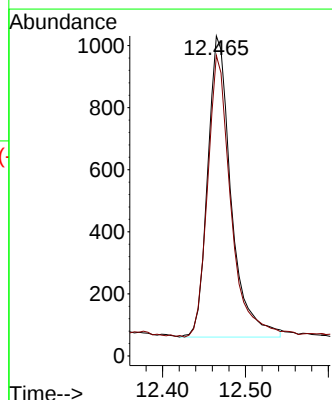
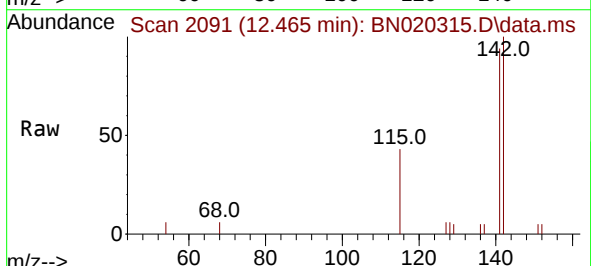
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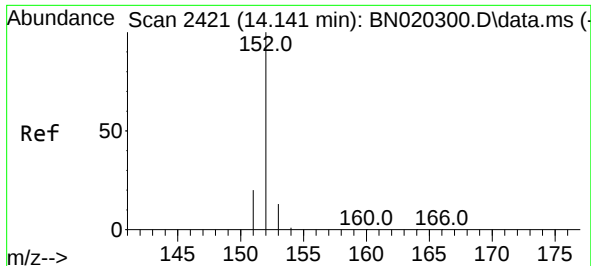
Tgt Ion:142 Resp: 1909

Ion Ratio Lower Upper

142 100

141 92.5 73.4 110.0

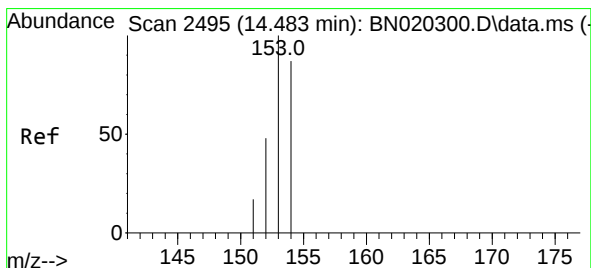
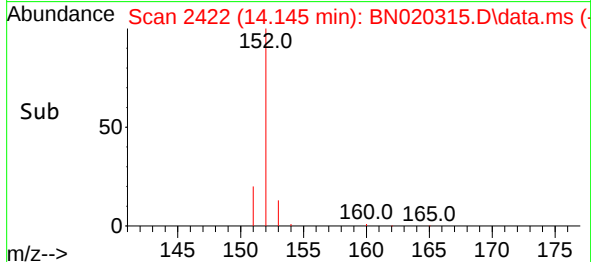
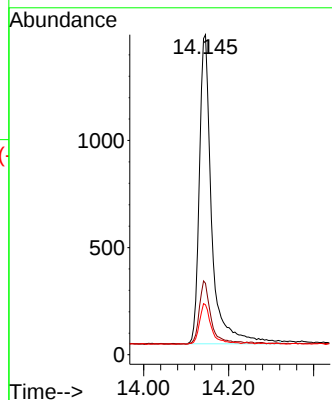
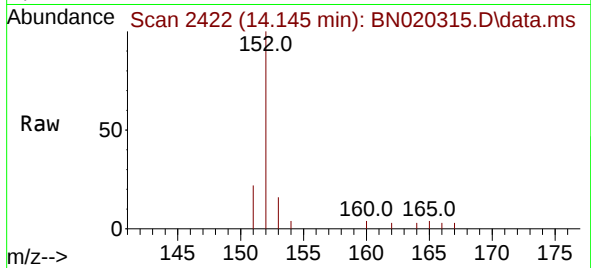




#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.145 min Scan# 2421
Delta R.T. 0.004 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

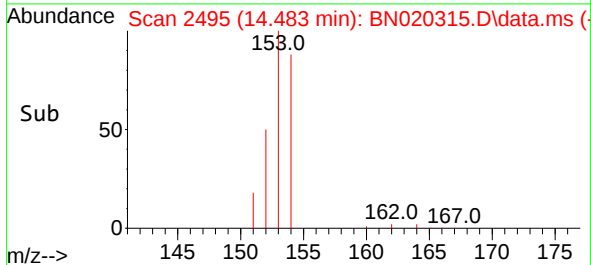
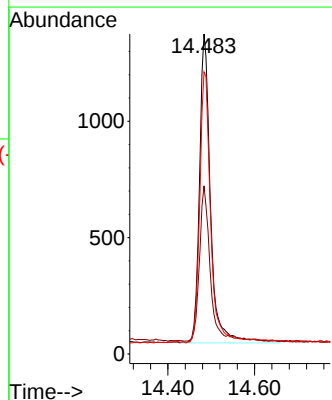
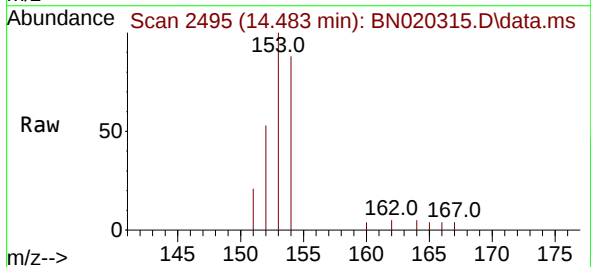
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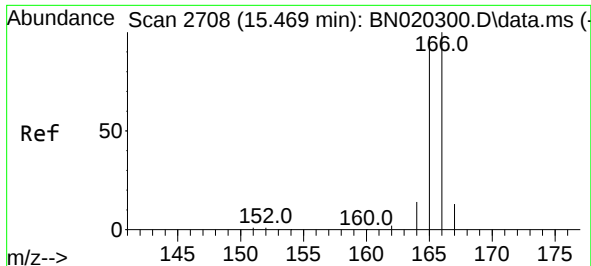
Tgt Ion:152 Resp: 2910
Ion Ratio Lower Upper
152 100
151 22.3 17.2 25.8
153 15.6 11.7 17.5



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

Tgt Ion:153 Resp: 2351
Ion Ratio Lower Upper
153 100
152 52.6 39.9 59.9
154 88.1 69.2 103.8

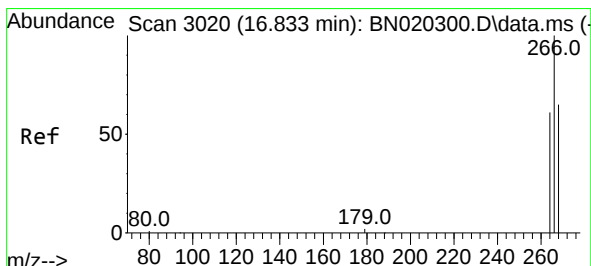
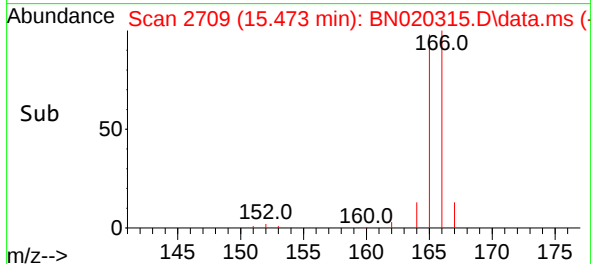
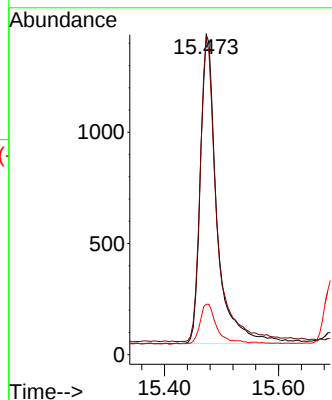
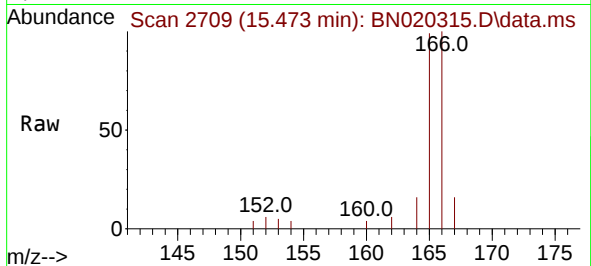




#12
 Fluorene
 Concen: 0.380 ng/ul
 RT: 15.473 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN020315.D
 Acq: 21 Jun 2022 19:40

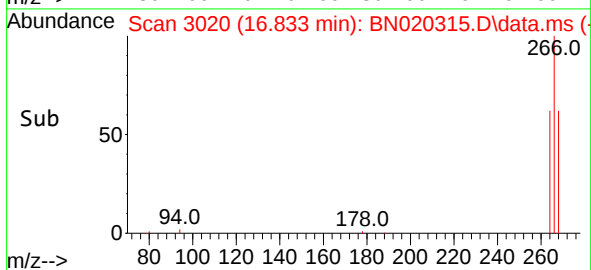
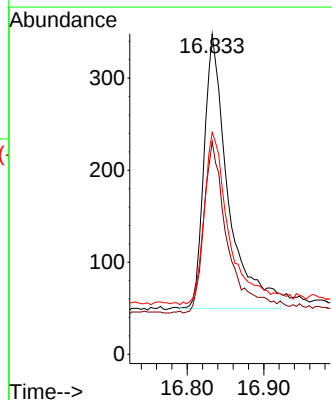
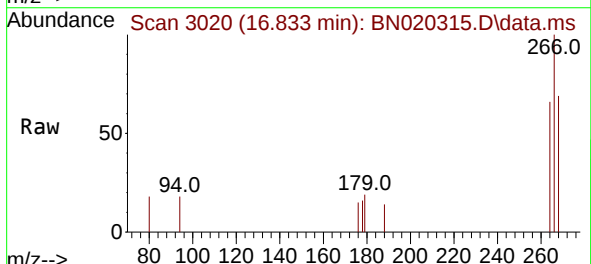
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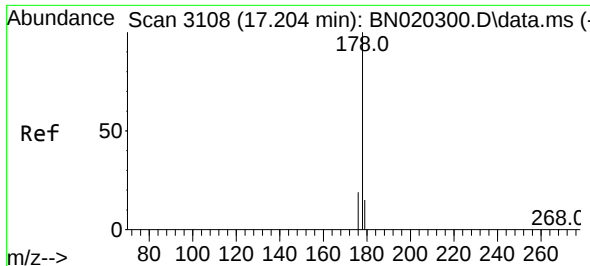
Tgt Ion:166 Resp: 2800
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.2 117.4
 167 15.8 12.1 18.1



#14
 Pentachlorophenol
 Concen: 0.857 ng/ul
 RT: 16.833 min Scan# 3020
 Delta R.T. -0.004 min
 Lab File: BN020315.D
 Acq: 21 Jun 2022 19:40

Tgt Ion:266 Resp: 649
 Ion Ratio Lower Upper
 266 100
 264 62.1 49.8 74.8
 268 64.9 51.8 77.6

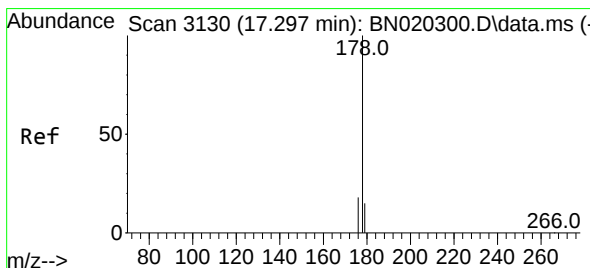
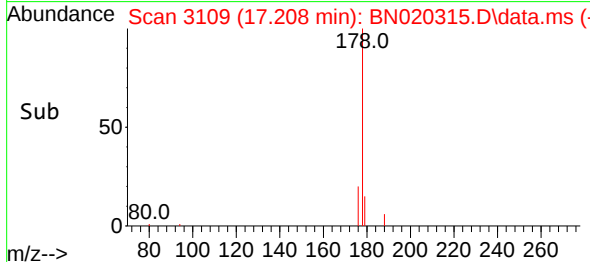
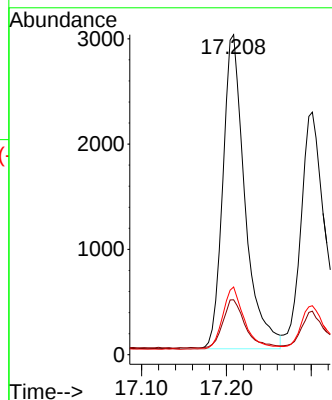
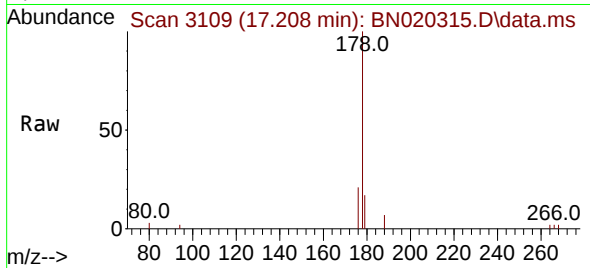




#15
Phenanthrene
Concen: 0.379 ng/ul
RT: 17.208 min Scan# 3109
Delta R.T. 0.004 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

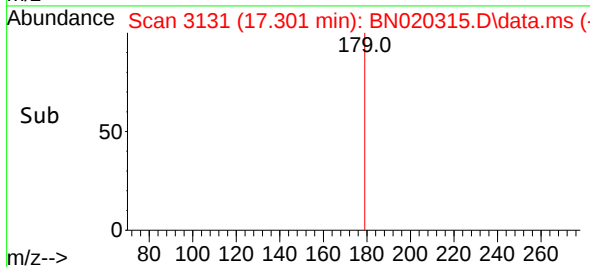
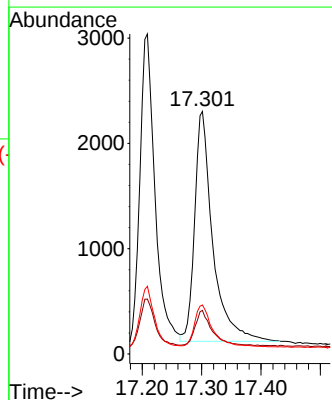
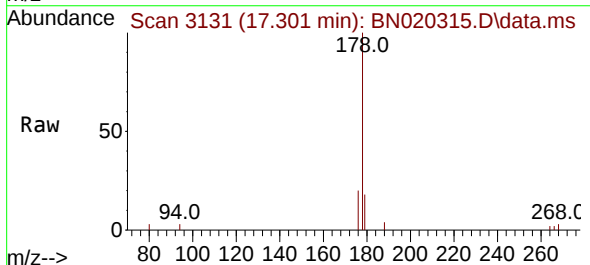
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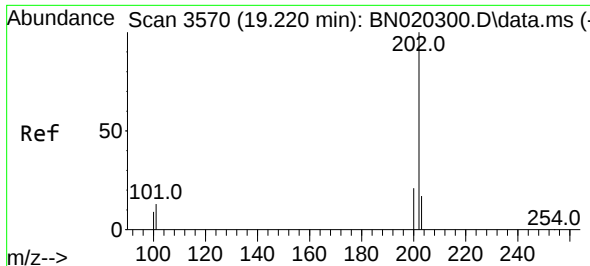
Tgt Ion:178 Resp: 5409
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.0
176 21.2 15.8 23.6



#16
Anthracene
Concen: 0.384 ng/ul
RT: 17.301 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

Tgt Ion:178 Resp: 4637
Ion Ratio Lower Upper
178 100
179 18.0 13.8 20.8
176 20.2 15.6 23.4

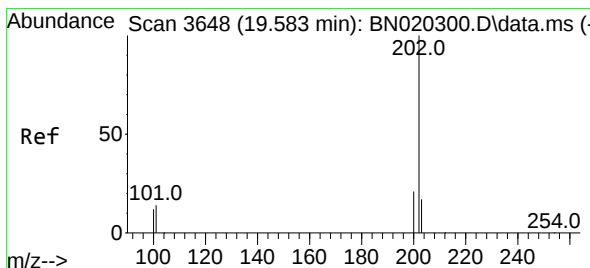
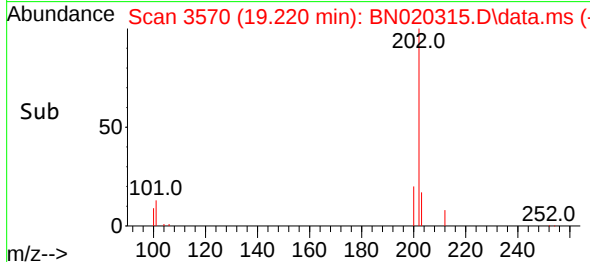
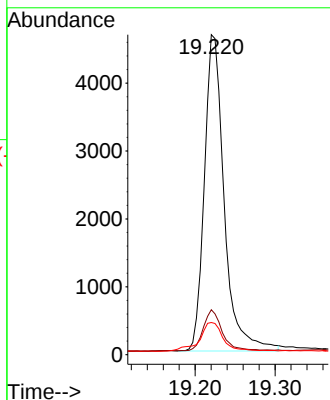
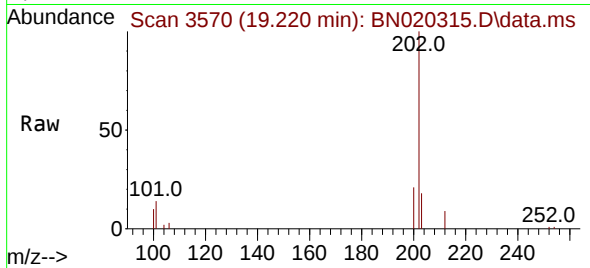




#19
Fluoranthene
Concen: 0.282 ng/u1
RT: 19.220 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

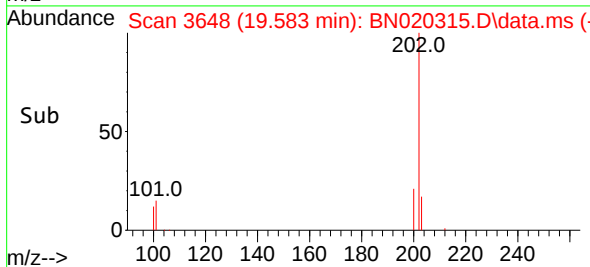
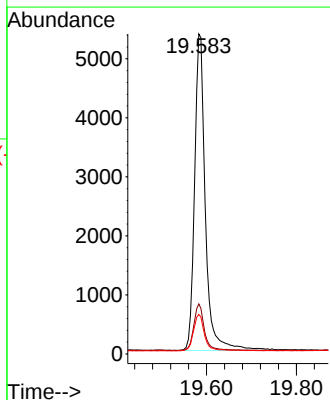
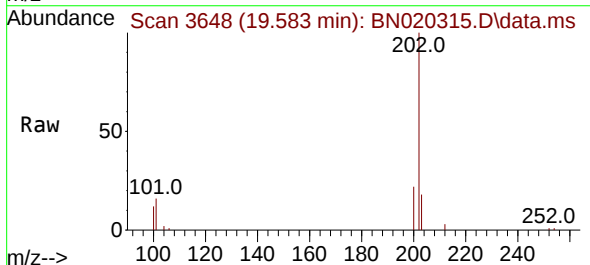
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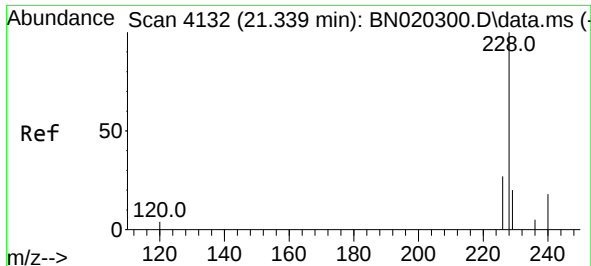
Tgt Ion:202 Resp: 8056
Ion Ratio Lower Upper
202 100
101 14.0 9.9 14.9
100 10.1 7.6 11.4



#20
Pyrene
Concen: 0.289 ng/u1
RT: 19.583 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

Tgt Ion:202 Resp: 8942
Ion Ratio Lower Upper
202 100
101 15.6 12.6 19.0
100 12.3 10.3 15.5

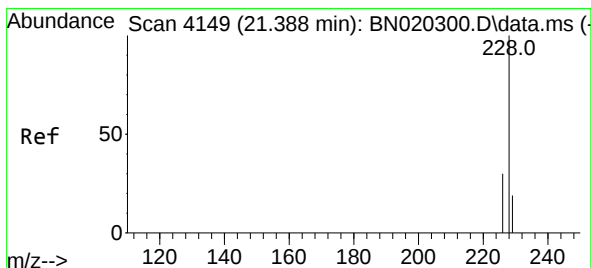
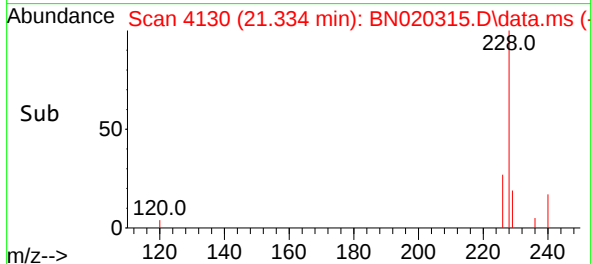
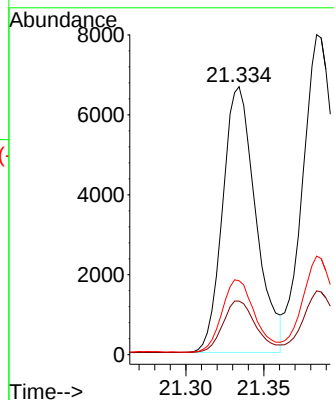
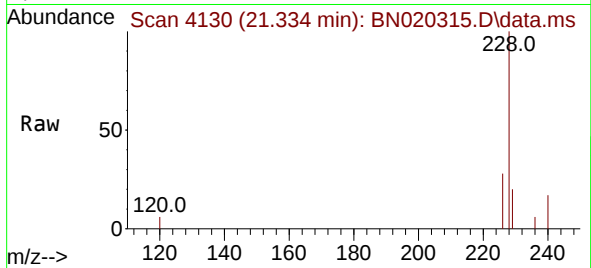




#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.334 min Scan# 4132
Delta R.T. -0.004 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

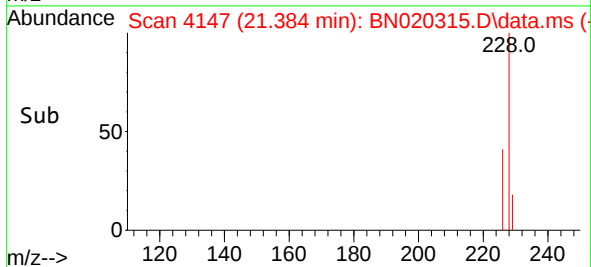
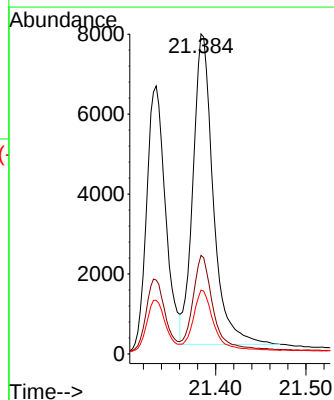
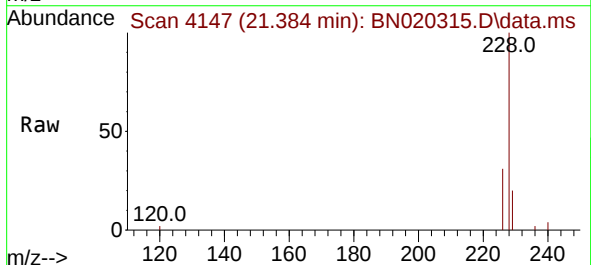
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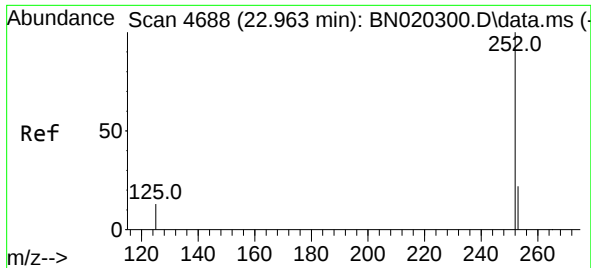
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Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.6 21.8 32.6



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.384 min Scan# 4147
Delta R.T. -0.004 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

Tgt Ion:228 Resp: 12078
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 19.9 16.0 24.0

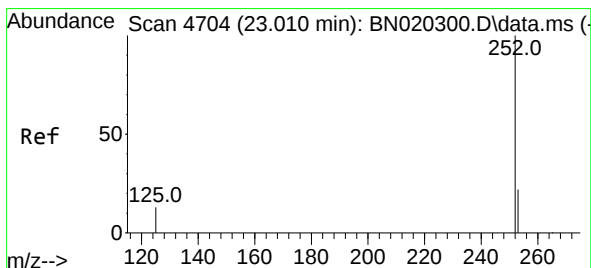
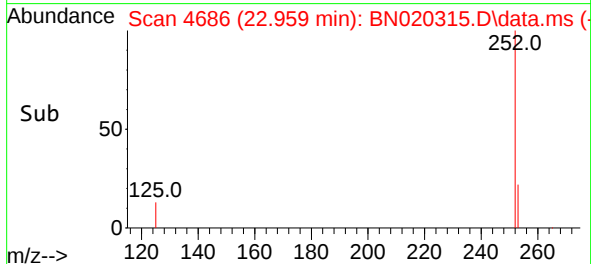
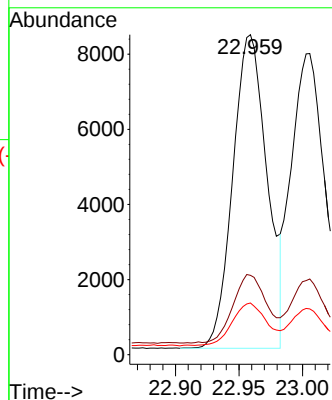
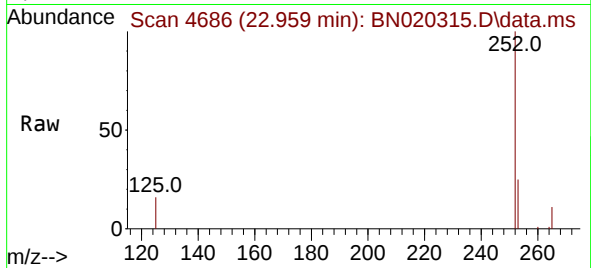




#24
Benzo(b)fluoranthene
Concen: 0.237 ng/ul
RT: 22.959 min Scan# 4686
Delta R.T. -0.007 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

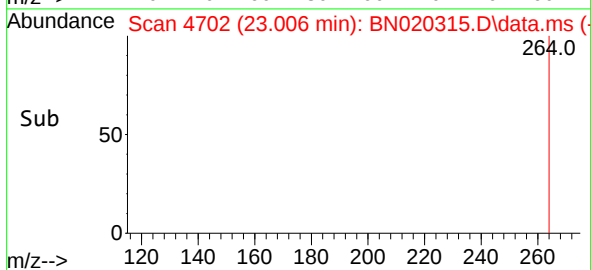
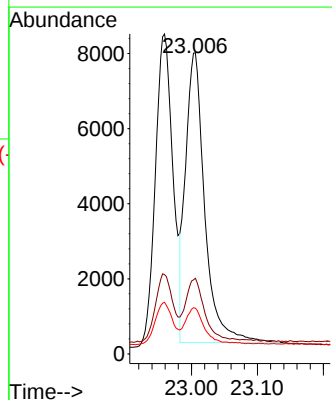
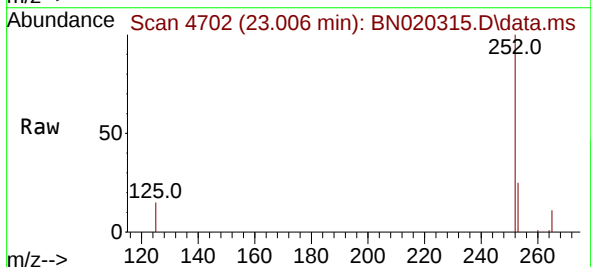
Instrument :
BNA_N
ClientSampleId :
SLCS574

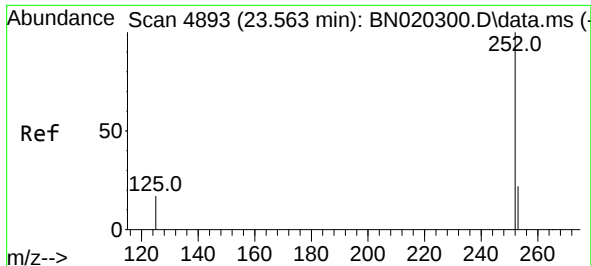
Tgt Ion:252 Resp: 15662
Ion Ratio Lower Upper
252 100
253 24.8 0.0 49.4
125 16.1 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.253 ng/ul
RT: 23.006 min Scan# 4702
Delta R.T. -0.004 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

Tgt Ion:252 Resp: 15587
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.4
125 15.2 12.3 18.5

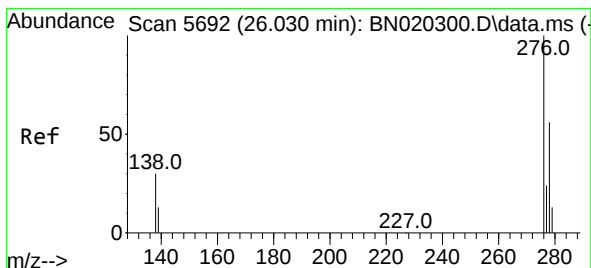
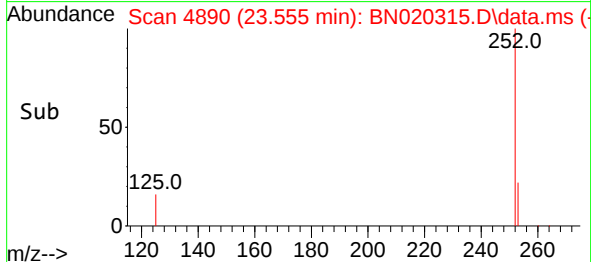
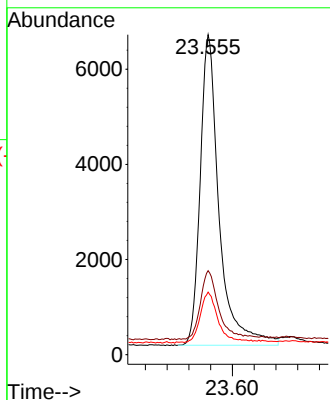
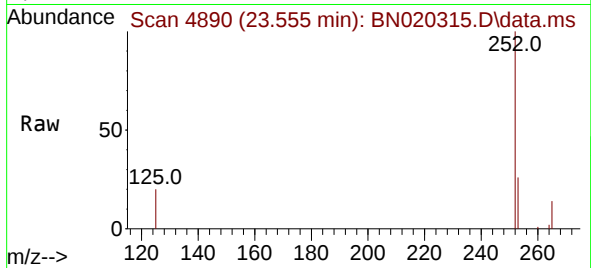




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.555 min Scan# 4890
Delta R.T. -0.007 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

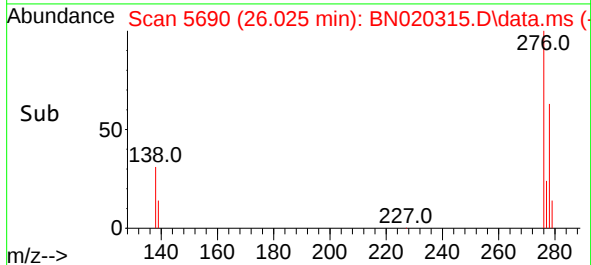
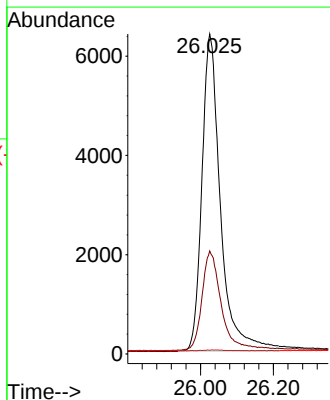
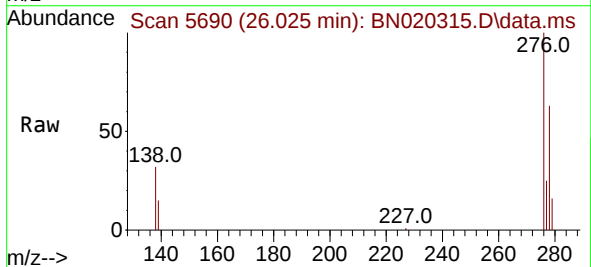
Instrument :
BNA_N
ClientSampleId :
SLCS574

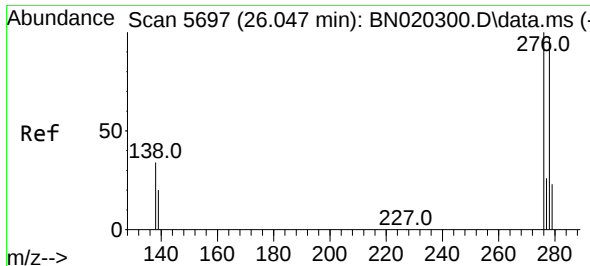
Tgt Ion:252 Resp: 15721
Ion Ratio Lower Upper
252 100
253 26.3 21.7 32.5
125 19.6 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 26.025 min Scan# 5690
Delta R.T. -0.015 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

Tgt Ion:276 Resp: 22701
Ion Ratio Lower Upper
276 100
138 32.3 26.5 39.7
227 0.1 0.0 0.0#

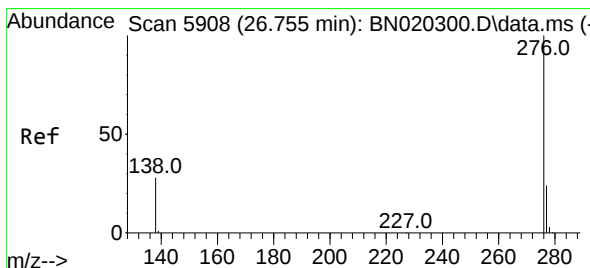
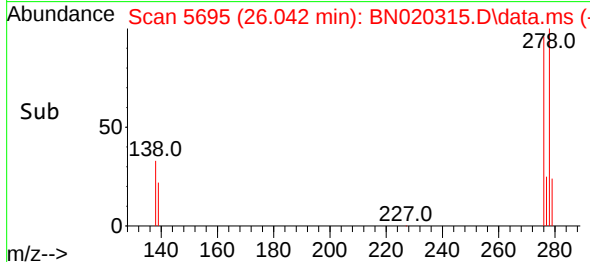
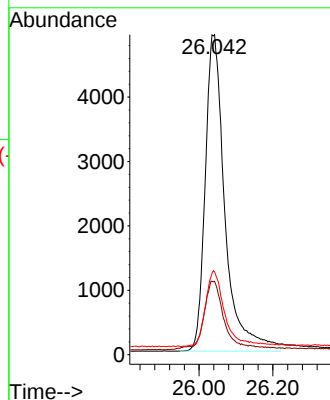
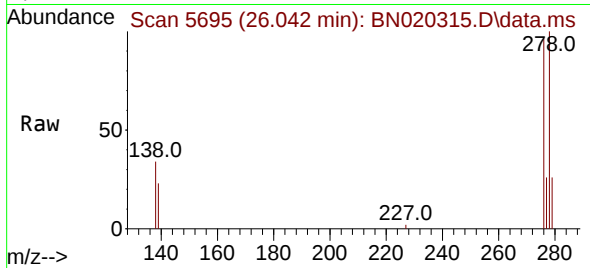




#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 26.042 min Scan# 5095
Delta R.T. -0.009 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

Instrument :
BNA_N
ClientSampleId :
SLCS574

Tgt Ion:278 Resp: 18315
Ion Ratio Lower Upper
278 100
139 23.0 18.2 27.2
279 25.9 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.349 ng/ul
RT: 26.746 min Scan# 5905
Delta R.T. -0.019 min
Lab File: BN020315.D
Acq: 21 Jun 2022 19:40

Tgt Ion:276 Resp: 21003
Ion Ratio Lower Upper
276 100
138 28.5 23.0 34.4
277 24.6 19.7 29.5

