

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081022\
 Data File : BN021128.D
 Acq On : 10 Aug 2022 22:08
 Operator : CG/JU
 Sample : PB146903BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS903

Quant Time: Aug 11 02:20:18 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 09 23:10:06 2022
 Response via : Initial Calibration

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

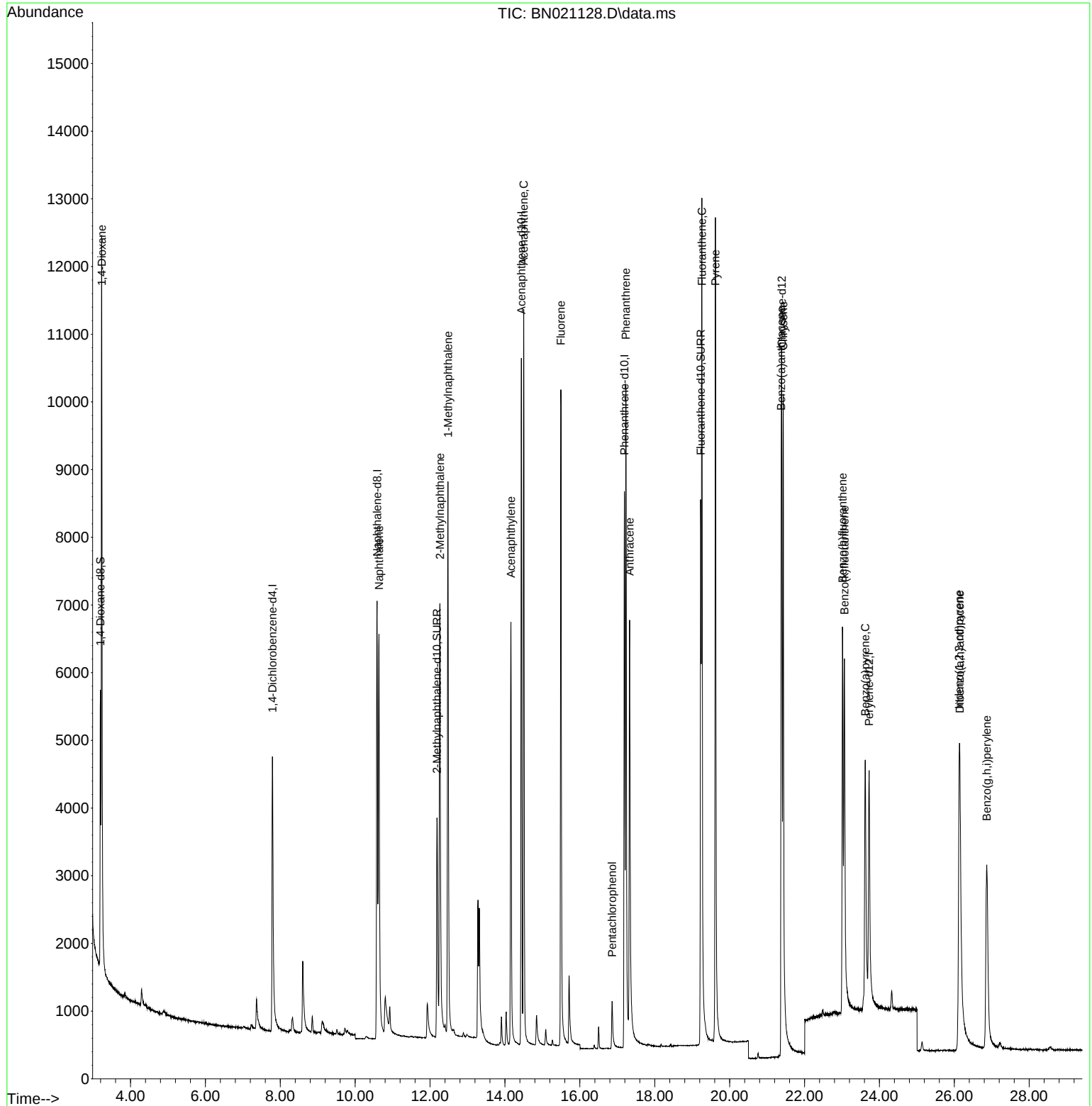
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	3056	0.400	ng/u1	0.01
4) Naphthalene-d8	10.585	136	10585	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.438	164	6010	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.193	188	11199	0.400	ng/u1	0.00
17) Chrysene-d12	21.392	240	7664	0.400	ng/u1	-0.01
23) Perylene-d12	23.725	264	5654	0.400	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	2611	0.668	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.186	152	5481	0.353	ng/u1	0.00
18) Fluoranthene-d10	19.226	212	10230	0.432	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.232	88	7009	1.740	ng/u1	86
5) Naphthalene	10.635	128	9898	0.304	ng/u1	98
7) 2-Methylnaphthalene	12.263	142	6035	0.306	ng/u1	99
8) 1-Methylnaphthalene	12.477	142	6564	0.333	ng/u1	99
10) Acenaphthylene	14.161	152	8492	0.302	ng/u1	99
11) Acenaphthene	14.503	153	6964	0.300	ng/u1	98
12) Fluorene	15.493	166	7488	0.295	ng/u1	98
14) Pentachlorophenol	16.864	266	683	0.396	ng/u1	99
15) Phenanthrene	17.231	178	11791	0.294	ng/u1	99
16) Anthracene	17.328	178	9533	0.307	ng/u1	100
19) Fluoranthene	19.259	202	12418	0.366	ng/u1	99
20) Pyrene	19.621	202	12739	0.364	ng/u1	99
21) Benzo(a)anthracene	21.377	228	7769	0.311	ng/u1	100
22) Chrysene	21.430	228	9923	0.301	ng/u1	99
24) Benzo(b)fluoranthene	23.014	252	8095	0.309	ng/u1	98
25) Benzo(k)fluoranthene	23.064	252	8654	0.313	ng/u1	99
26) Benzo(a)pyrene	23.622	252	7494	0.314	ng/u1#	94
27) Indeno(1,2,3-cd)pyrene	26.132	276	8064	0.283	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.149	278	6397	0.284	ng/u1	98
29) Benzo(g,h,i)perylene	26.867	276	7408	0.291	ng/u1	99

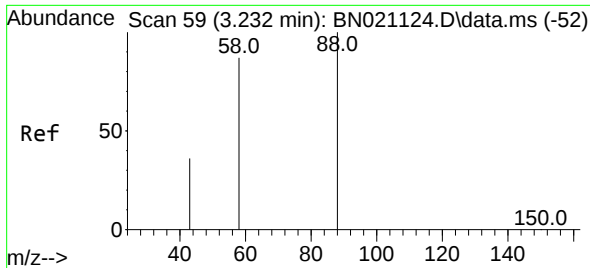
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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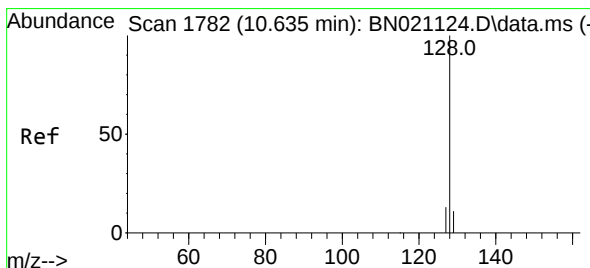
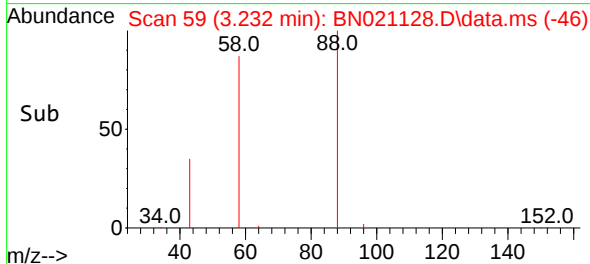
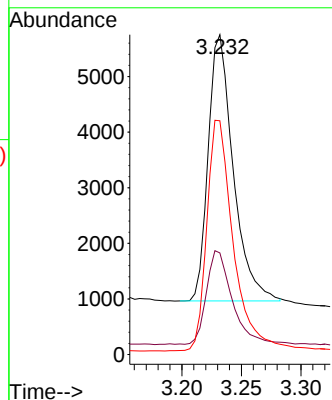
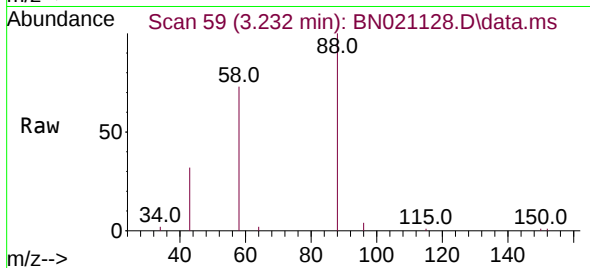




#2
1,4-Dioxane
Concen: 1.740 ng/ul
RT: 3.232 min Scan# 59
Delta R.T. 0.004 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

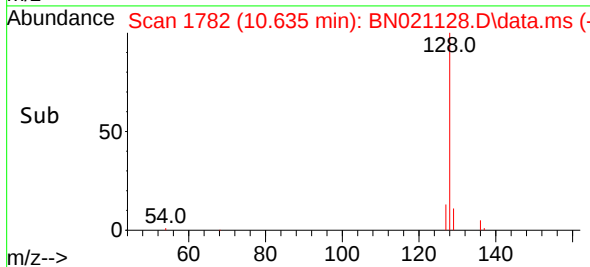
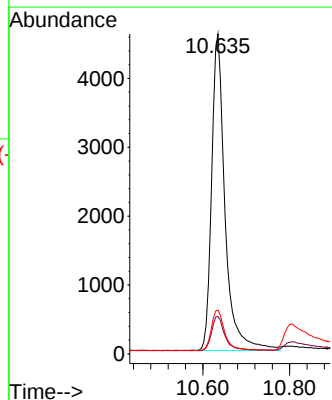
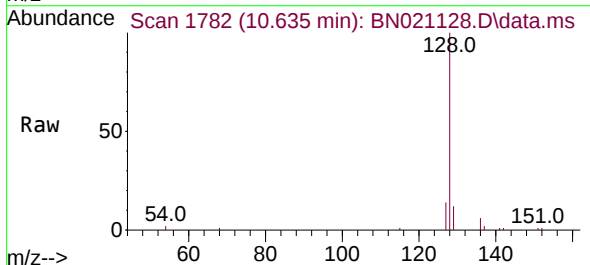
Instrument :
BNA_N
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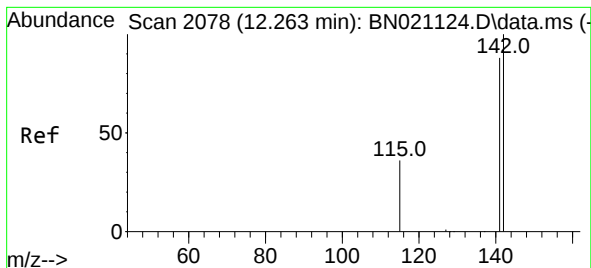
Tgt Ion: 88 Resp: 7009
Ion Ratio Lower Upper
88 100
43 31.8 31.4 47.0
58 73.1 49.0 73.6



#5
Naphthalene
Concen: 0.304 ng/ul
RT: 10.635 min Scan# 1782
Delta R.T. 0.007 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion: 128 Resp: 9898
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.6
127 13.7 11.6 17.4

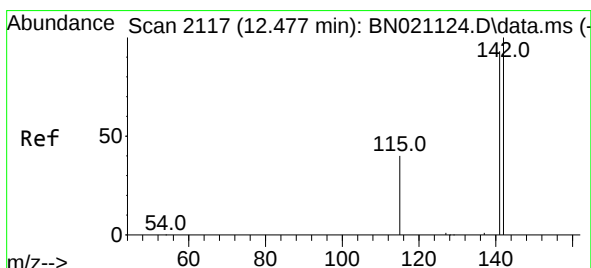
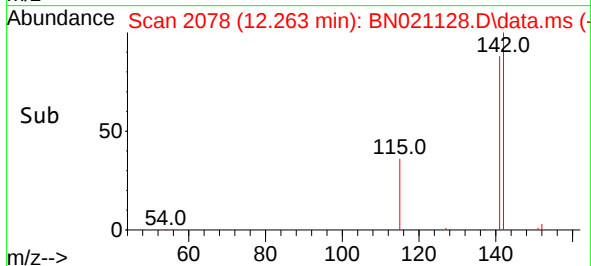
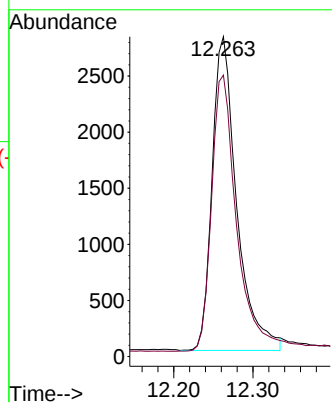
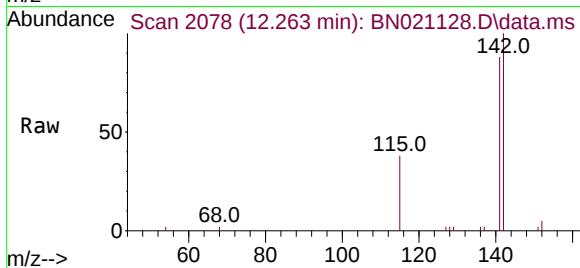




#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.263 min Scan# 2078
Delta R.T. 0.012 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

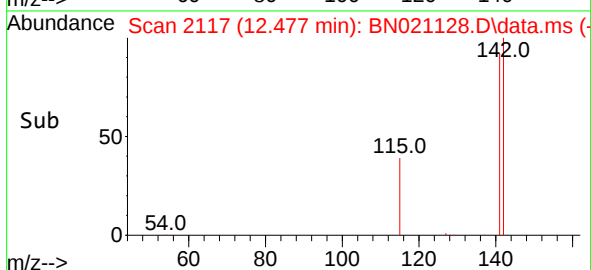
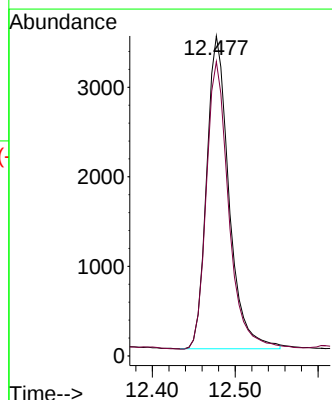
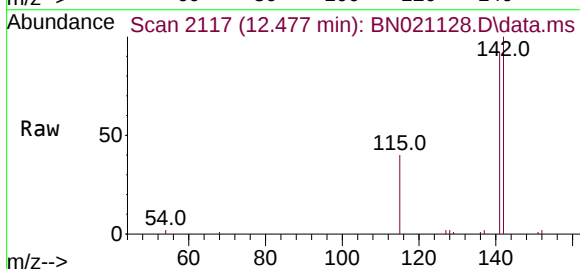
Instrument :
BNA_N
ClientSampleId :
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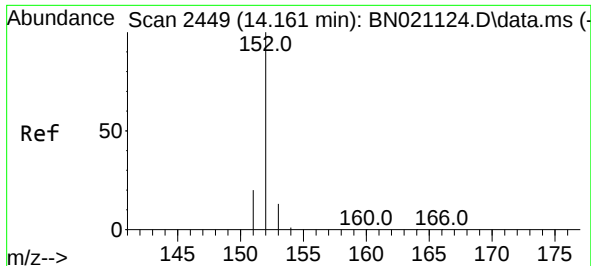
Tgt Ion:142 Resp: 6035
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:142 Resp: 6564
Ion Ratio Lower Upper
142 100
141 91.8 73.9 110.9

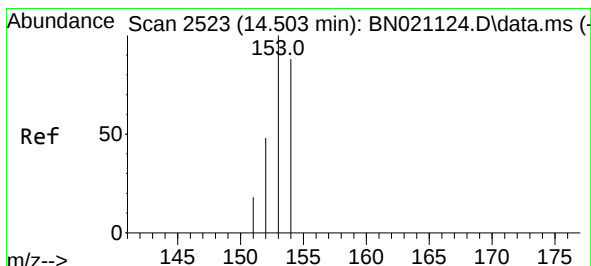
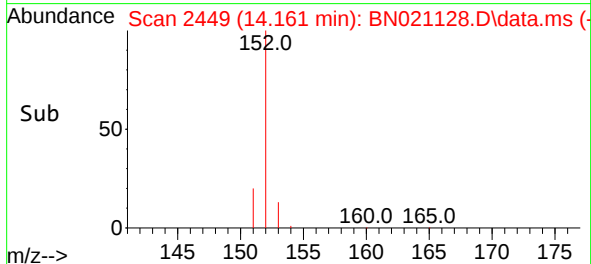
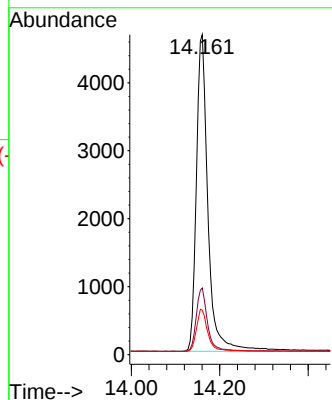
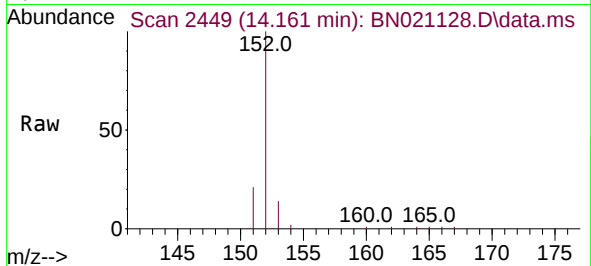




#10
Acenaphthylene
Concen: 0.302 ng/ul
RT: 14.161 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

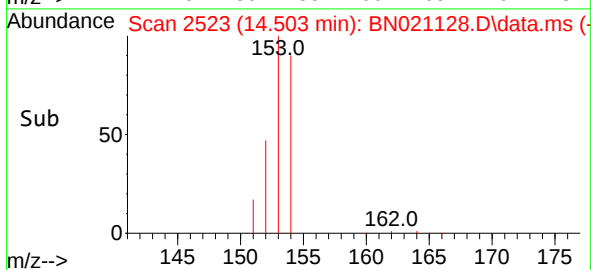
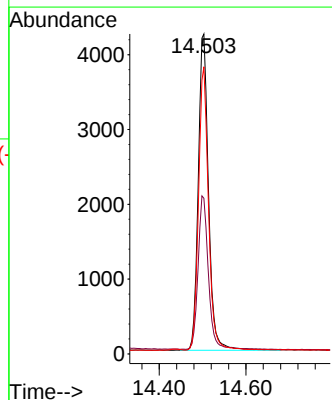
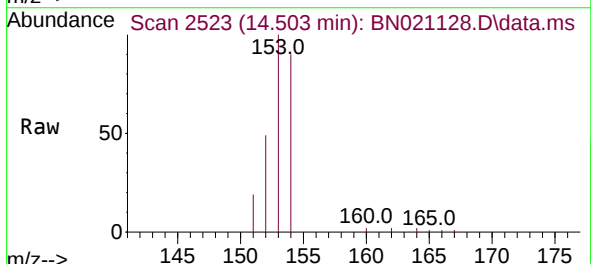
Instrument :
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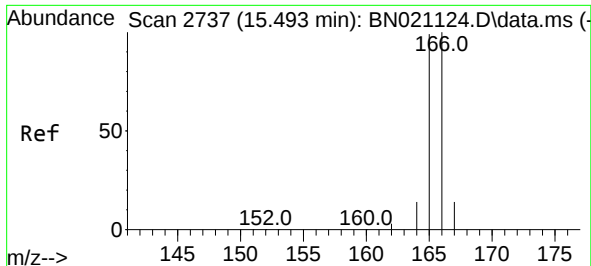
Tgt Ion:152 Resp: 8492
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.9 11.2 16.8



#11
Acenaphthene
Concen: 0.300 ng/ul
RT: 14.503 min Scan# 2523
Delta R.T. 0.001 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:153 Resp: 6964
Ion Ratio Lower Upper
153 100
152 48.6 40.2 60.4
154 89.7 70.7 106.1

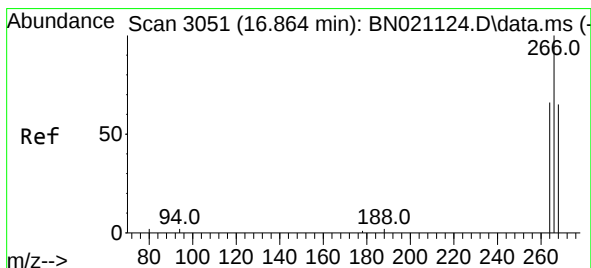
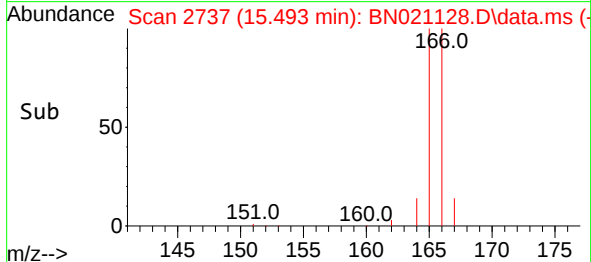
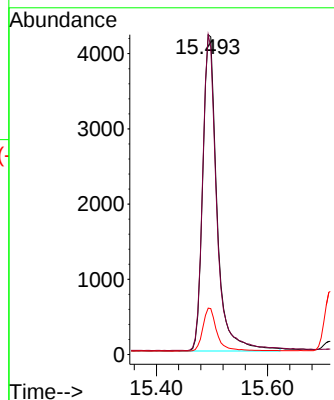
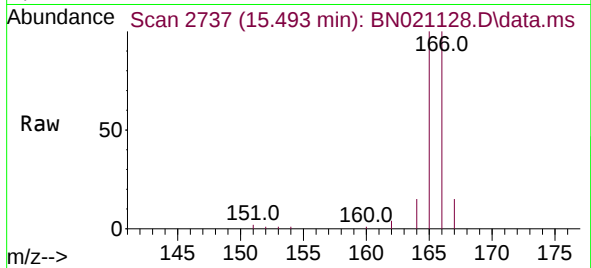




#12
Fluorene
Concen: 0.295 ng/ul
RT: 15.493 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

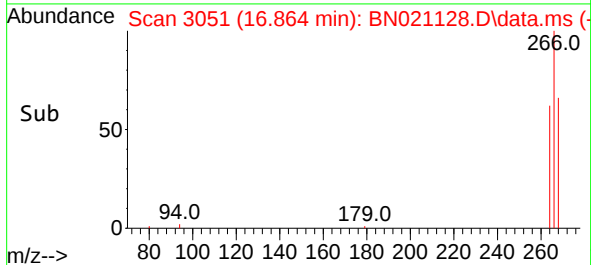
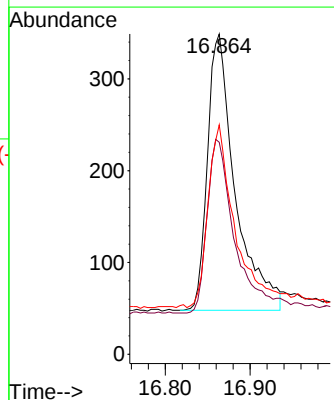
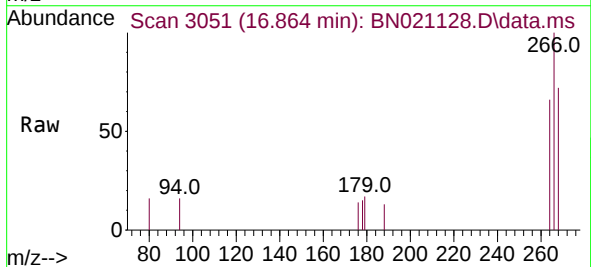
Instrument :
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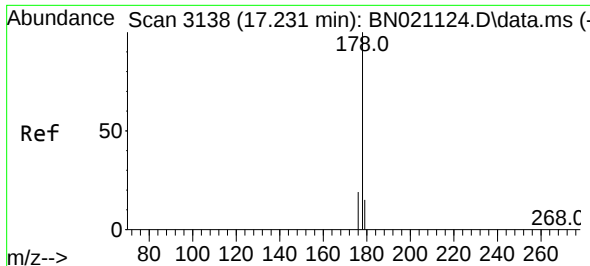
Tgt Ion:166 Resp: 7488
Ion Ratio Lower Upper
166 100
165 100.0 78.6 117.8
167 14.5 11.8 17.6



#14
Pentachlorophenol
Concen: 0.396 ng/ul
RT: 16.864 min Scan# 3051
Delta R.T. 0.010 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:266 Resp: 683
Ion Ratio Lower Upper
266 100
264 63.3 49.8 74.8
268 64.6 50.6 75.8

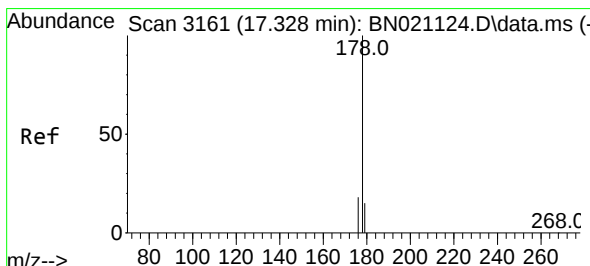
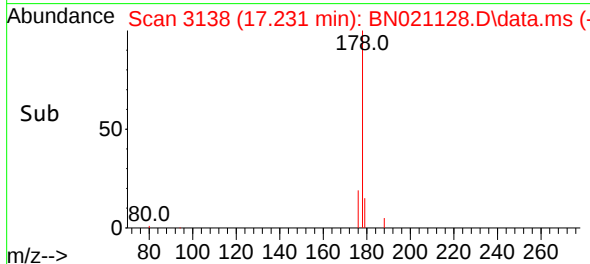
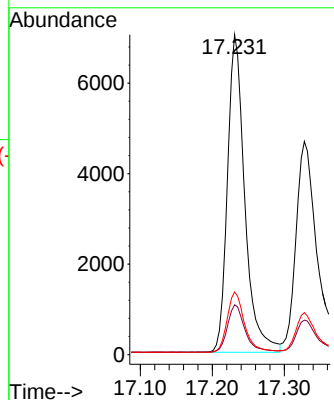
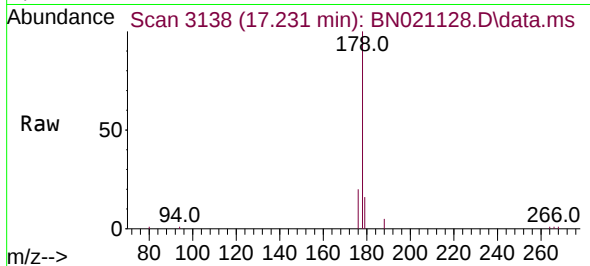




#15
Phenanthrene
Concen: 0.294 ng/ul
RT: 17.231 min Scan# 3138
Delta R.T. 0.001 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

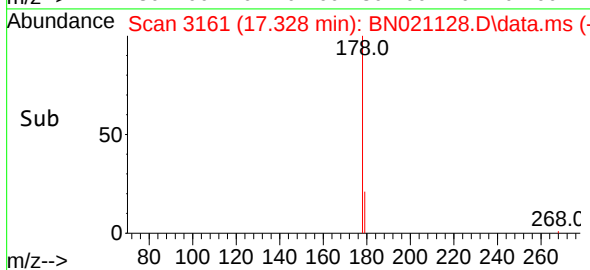
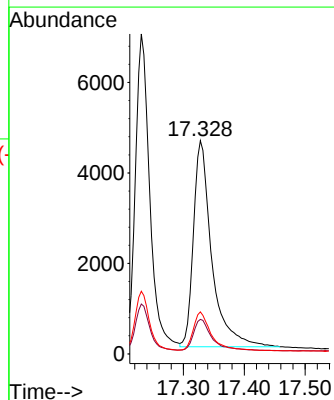
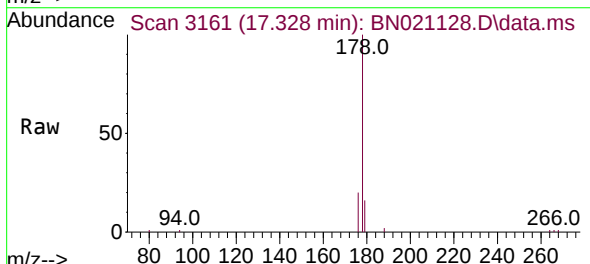
Instrument :
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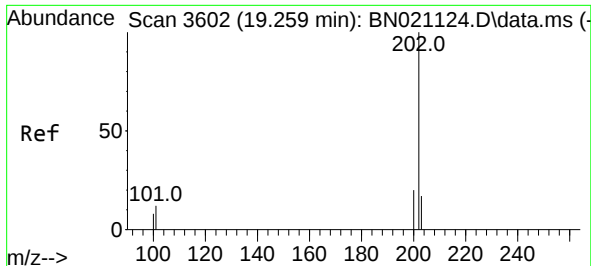
Tgt Ion:178	Resp:	11791
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.8 19.2
176	19.6	15.9 23.9



#16
Anthracene
Concen: 0.307 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.005 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:178	Resp:	9533
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.9 19.3
176	19.7	15.9 23.9





#19

Fluoranthene

Concen: 0.366 ng/ul

RT: 19.259 min Scan# 3602

Delta R.T. -0.003 min

Lab File: BN021128.D

Acq: 10 Aug 2022 22:08

Instrument :

BNA_N

ClientSampleId :

SLCS903

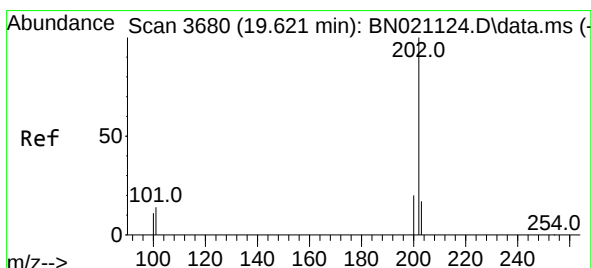
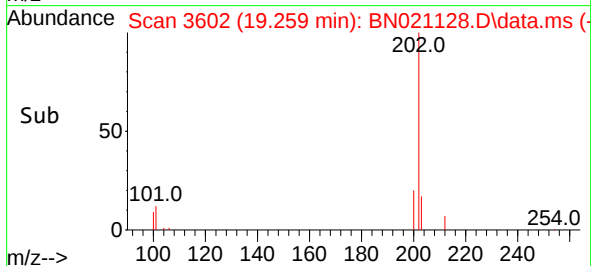
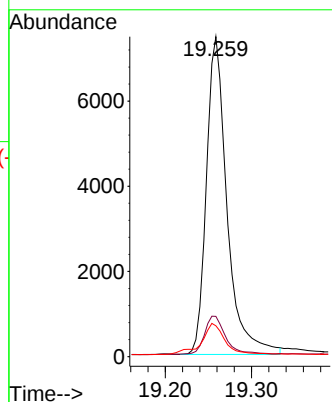
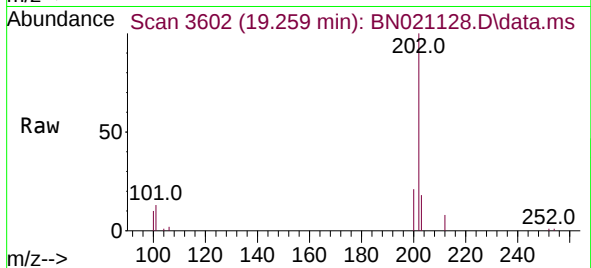
Tgt Ion:202 Resp: 12418

Ion Ratio Lower Upper

202 100

101 12.6 10.0 15.0

100 9.6 8.0 12.0



#20

Pyrene

Concen: 0.364 ng/ul

RT: 19.621 min Scan# 3680

Delta R.T. -0.003 min

Lab File: BN021128.D

Acq: 10 Aug 2022 22:08

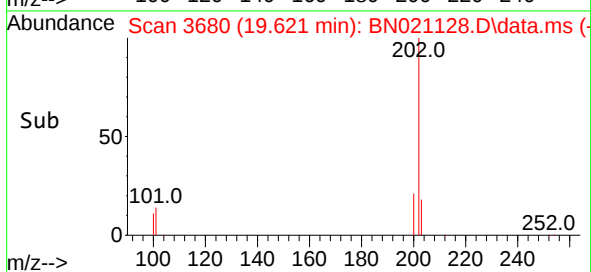
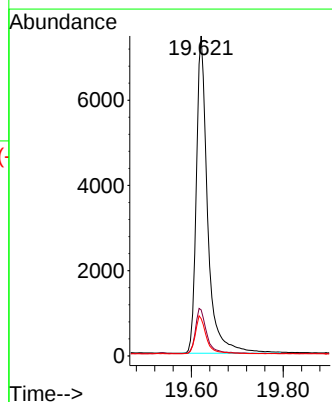
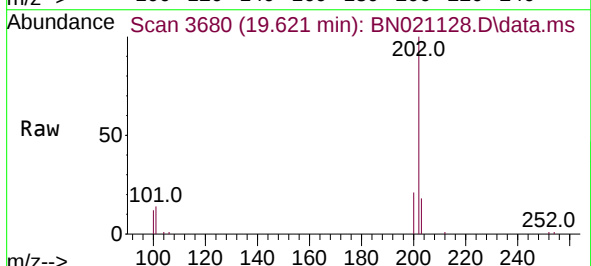
Tgt Ion:202 Resp: 12739

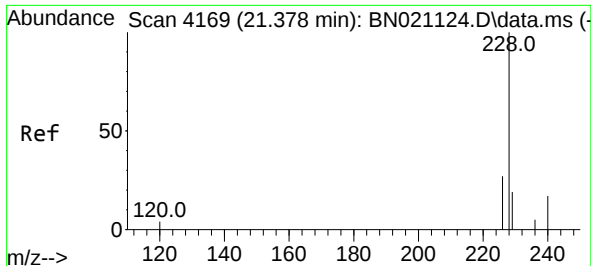
Ion Ratio Lower Upper

202 100

101 14.4 11.3 16.9

100 11.6 9.0 13.4

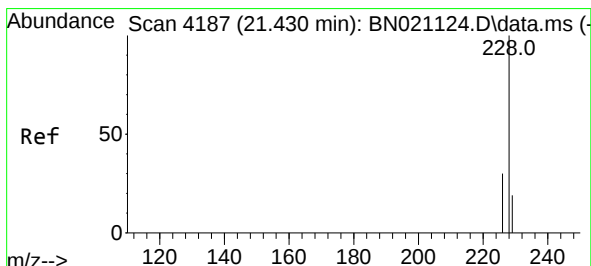
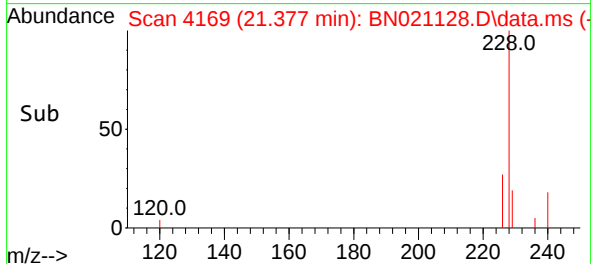
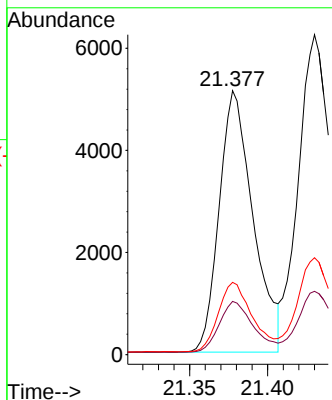
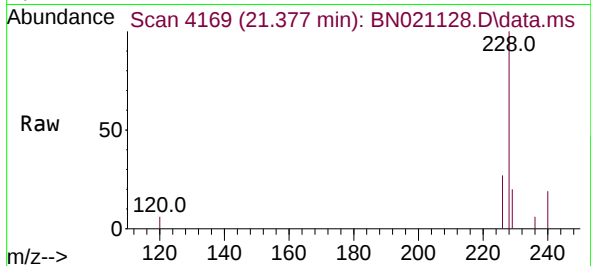




#21
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.377 min Scan# 4169
Delta R.T. -0.009 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

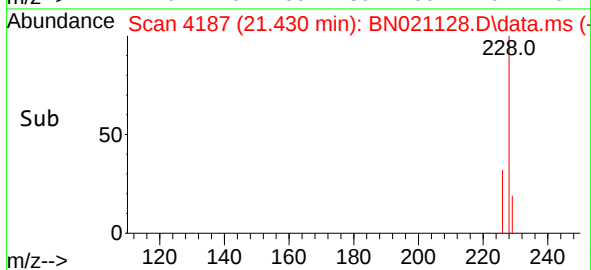
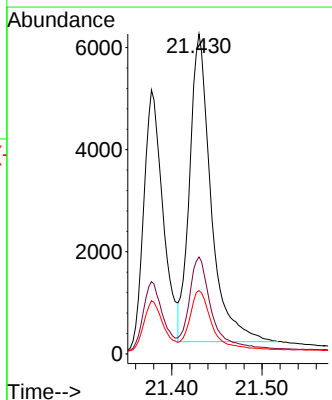
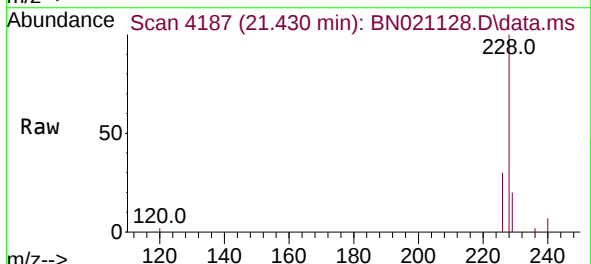
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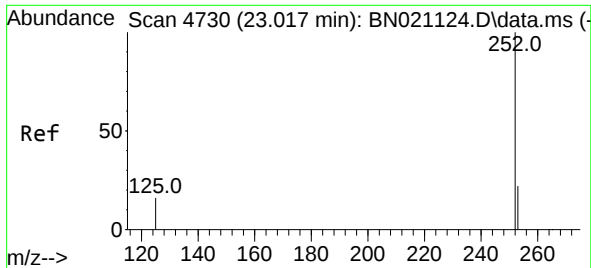
Tgt Ion:228 Resp: 7769
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.4 21.9 32.9



#22
Chrysene
Concen: 0.301 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. -0.012 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:228 Resp: 9923
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.8 15.8 23.8

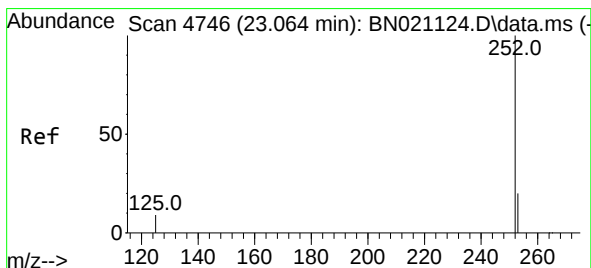
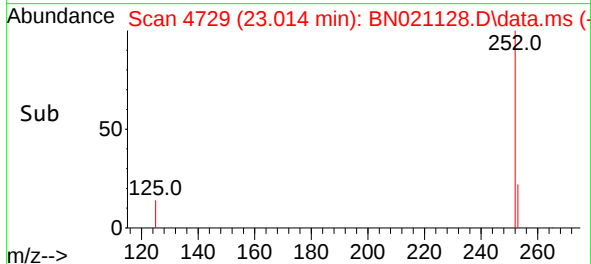
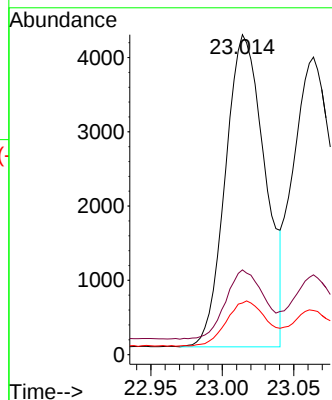
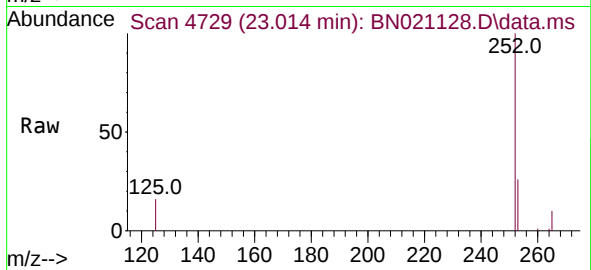




#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul
RT: 23.014 min Scan# 4729
Delta R.T. -0.015 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

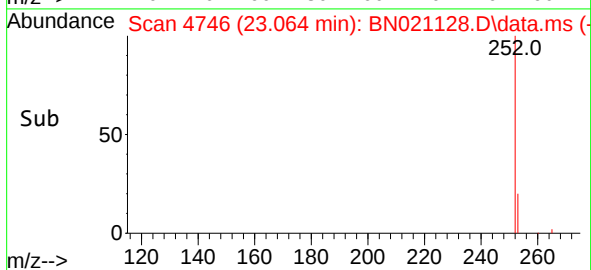
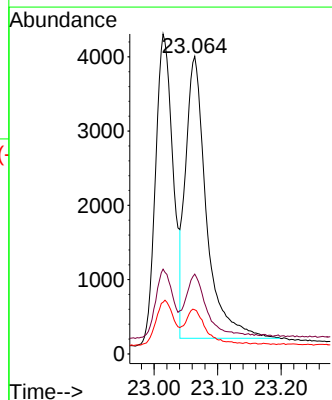
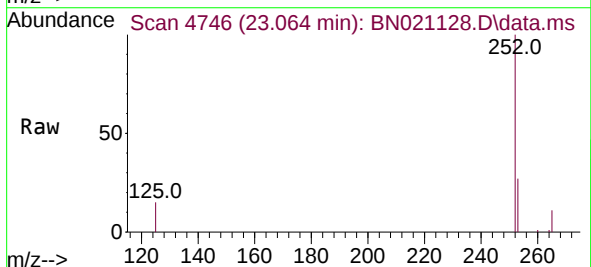
Instrument :
BNA_N
ClientSampleId :
SLCS903

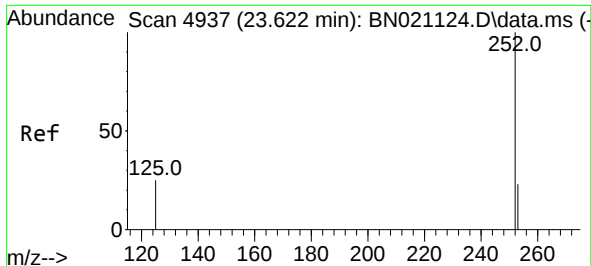
Tgt Ion:	252	Resp:	8095
Ion Ratio	Lower	Upper	
252	100		
253	26.5	0.0	50.8
125	16.1	0.0	30.0



#25
Benzo(k)fluoranthene
Concen: 0.313 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

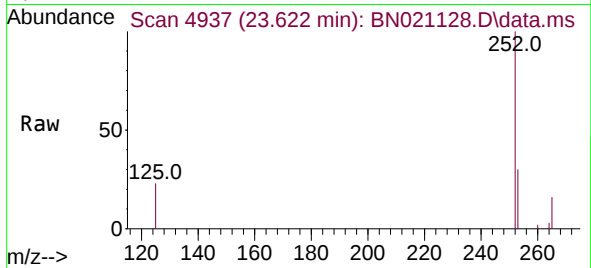
Tgt Ion:	252	Resp:	8654
Ion Ratio	Lower	Upper	
252	100		
253	26.8	20.6	31.0
125	14.8	11.8	17.6



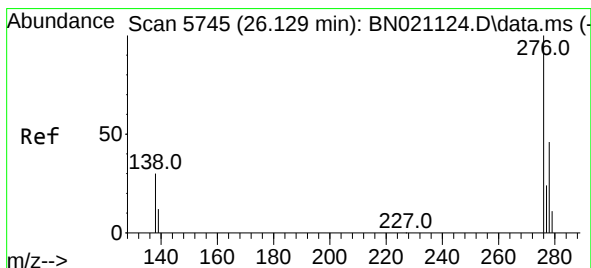
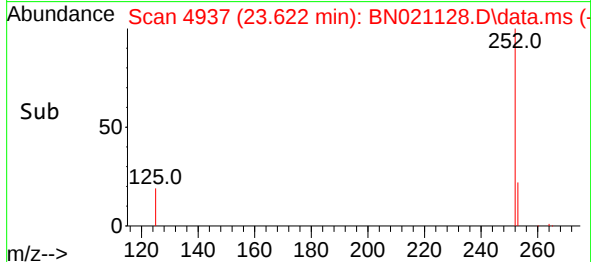
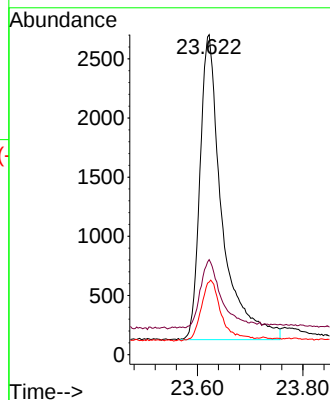


#26
Benzo(a)pyrene
Concen: 0.314 ng/ul
RT: 23.622 min Scan# 4937
Delta R.T. -0.012 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Instrument :
BNA_N
ClientSampleId :
SLCS903

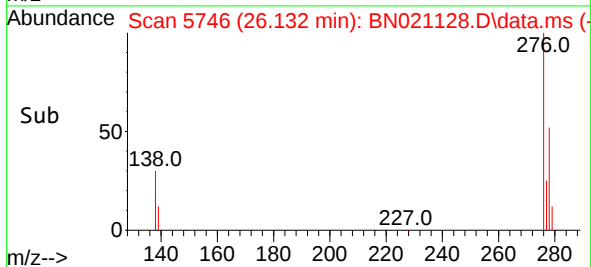
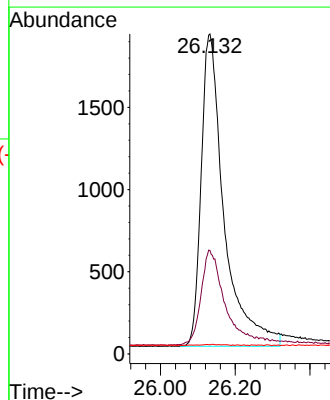
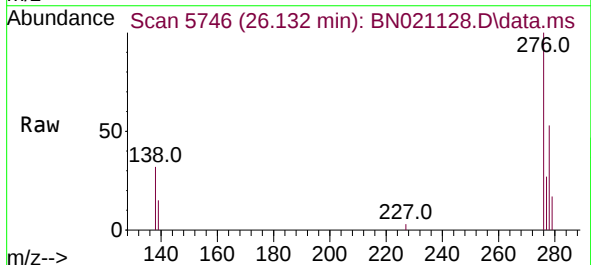


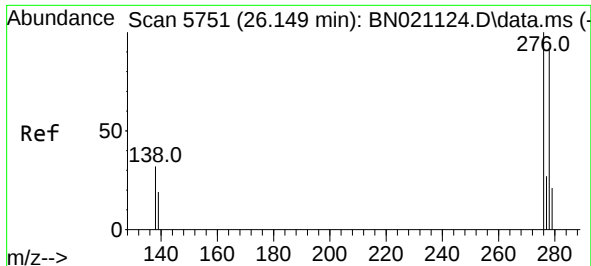
Tgt Ion:252 Resp: 7494
Ion Ratio Lower Upper
252 100
253 29.7 22.1 33.1
125 22.7 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 26.132 min Scan# 5746
Delta R.T. -0.017 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:276 Resp: 8064
Ion Ratio Lower Upper
276 100
138 32.5 26.1 39.1
227 0.0 0.1 0.1#

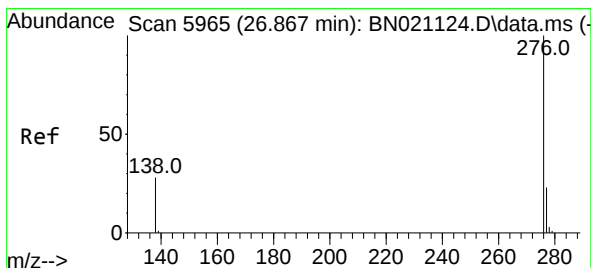
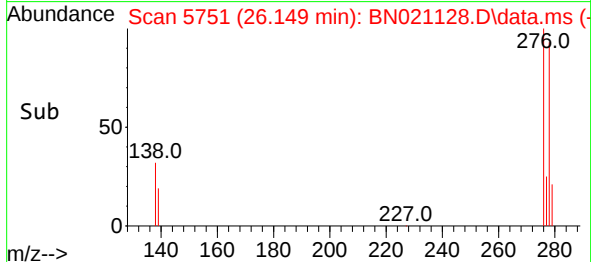
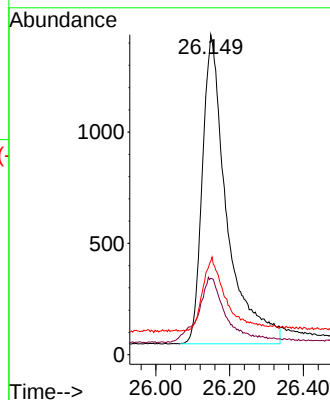
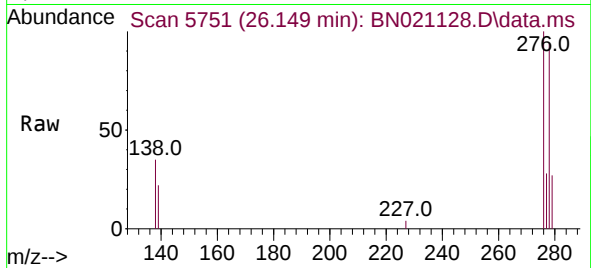




#28
Dibenzo(a,h)anthracene
Concen: 0.284 ng/ul
RT: 26.149 min Scan# 5751
Delta R.T. -0.017 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Instrument :
BNA_N
ClientSampleId :
SLCS903

Tgt Ion:278 Resp: 6397
Ion Ratio Lower Upper
278 100
139 23.9 18.3 27.5
279 29.2 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.291 ng/ul
RT: 26.867 min Scan# 5965
Delta R.T. -0.021 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:276 Resp: 7408
Ion Ratio Lower Upper
276 100
138 28.7 22.6 34.0
277 26.1 20.2 30.2

