

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081022\
 Data File : BN021165.D
 Acq On : 12 Aug 2022 09:05
 Operator : CG/JU
 Sample : PB146937BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS937

Quant Time: Aug 12 11:48:06 2022
 Quant Title :
 QLast Update : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

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

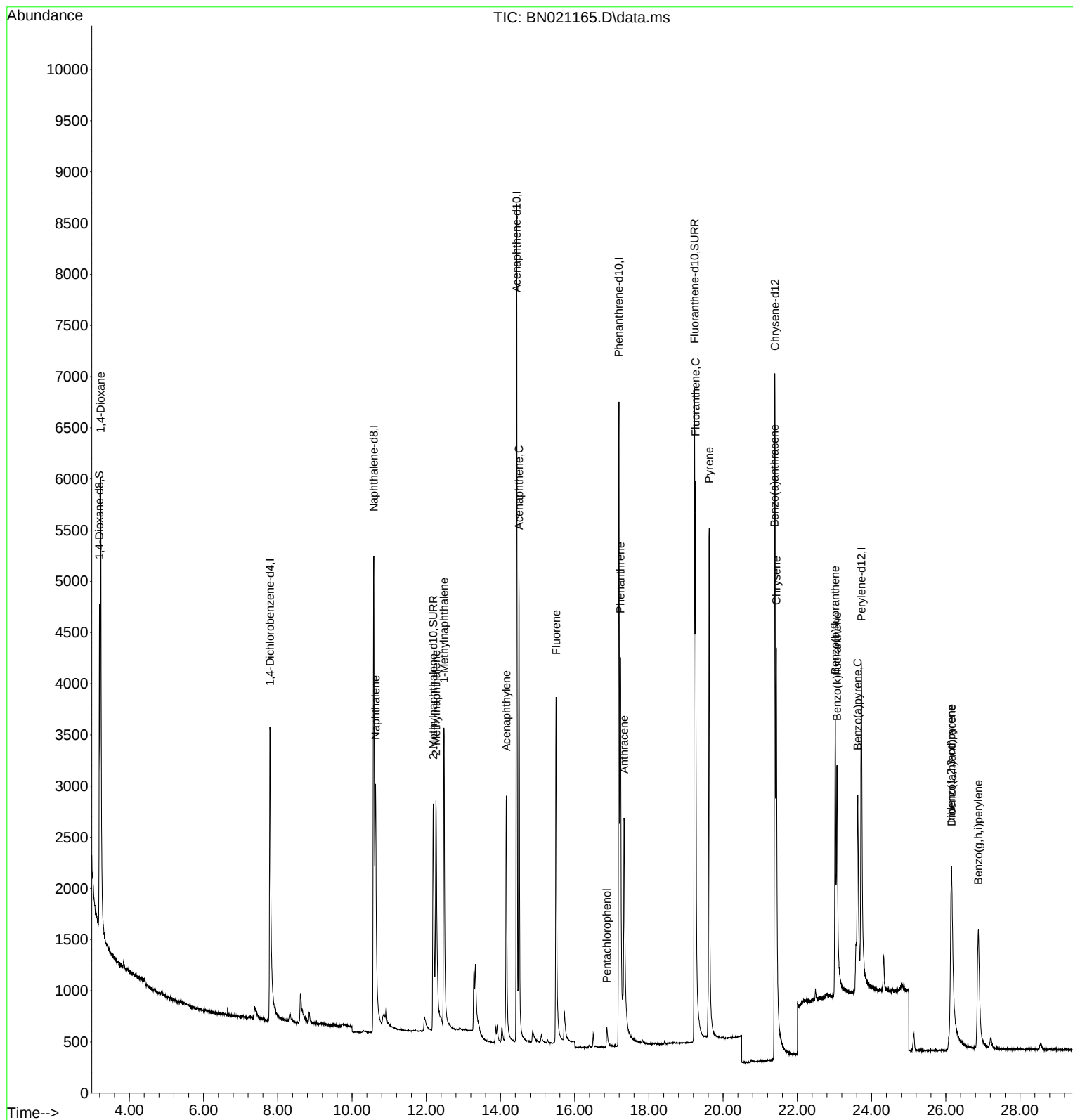
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2531	0.400	ng/ul	0.01
4) Naphthalene-d8	10.585	136	9100	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.438	164	5227	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.193	188	9361	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	6463	0.400	ng/ul	0.00
23) Perylene-d12	23.727	264	5277	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2270	0.701	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.191	152	4422	0.332	ng/ul	0.01
18) Fluoranthene-d10	19.231	212	8913	0.447	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	2998	0.899	ng/ul#	93
5) Naphthalene	10.635	128	4167	0.149	ng/ul	97
7) 2-Methylnaphthalene	12.263	142	2422	0.143	ng/ul	99
8) 1-Methylnaphthalene	12.477	142	2733	0.161	ng/ul	99
10) Acenaphthylene	14.161	152	3613	0.148	ng/ul	98
11) Acenaphthene	14.498	153	2991	0.148	ng/ul	98
12) Fluorene	15.502	166	3081	0.139	ng/ul	98
14) Pentachlorophenol	16.868	266	212	0.147	ng/ul	98
15) Phenanthrene	17.235	178	4878	0.146	ng/ul	97
16) Anthracene	17.332	178	3659	0.141	ng/ul	95
19) Fluoranthene	19.259	202	5316	0.186	ng/ul	96
20) Pyrene	19.626	202	5598	0.190	ng/ul	97
21) Benzo(a)anthracene	21.386	228	3089	0.146	ng/ul	96
22) Chrysene	21.436	228	4243	0.153	ng/ul	99
24) Benzo(b)fluoranthene	23.023	252	3699	0.151	ng/ul	82
25) Benzo(k)fluoranthene	23.070	252	3830	0.149	ng/ul#	87
26) Benzo(a)pyrene	23.628	252	3516	0.158	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	26.149	276	3577	0.134	ng/ul	97
28) Dibenzo(a,h)anthracene	26.159	278	2674	0.127	ng/ul#	84
29) Benzo(g,h,i)perylene	26.880	276	3396	0.143	ng/ul	92

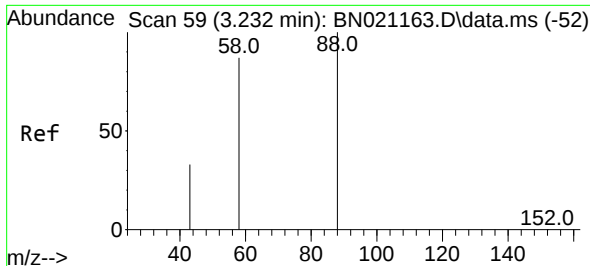
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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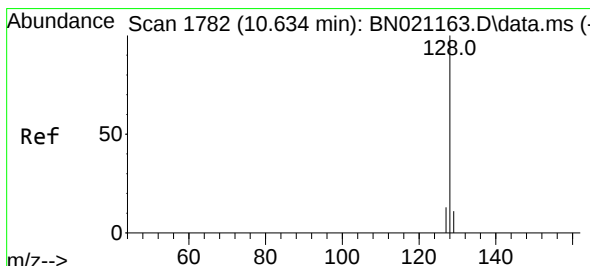
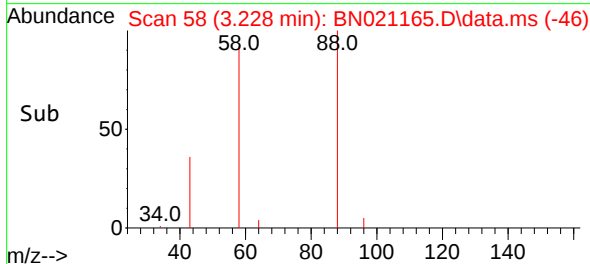
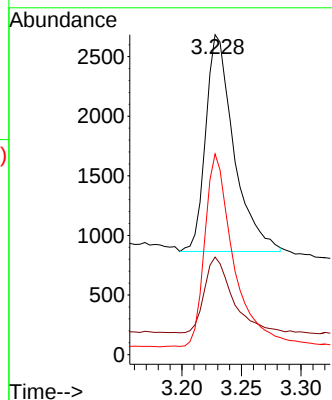
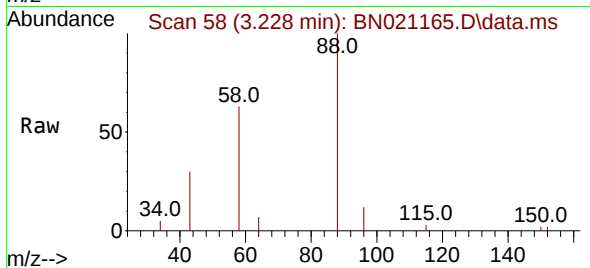




#2
1,4-Dioxane
Concen: 0.899 ng/ul
RT: 3.228 min Scan# 59
Delta R.T. -0.000 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

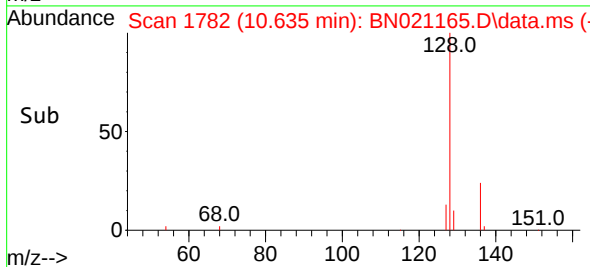
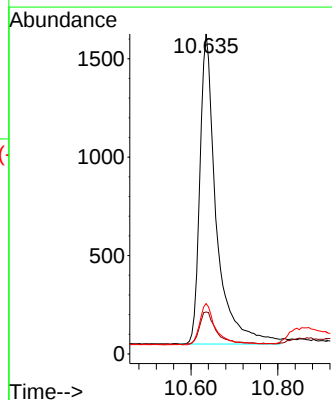
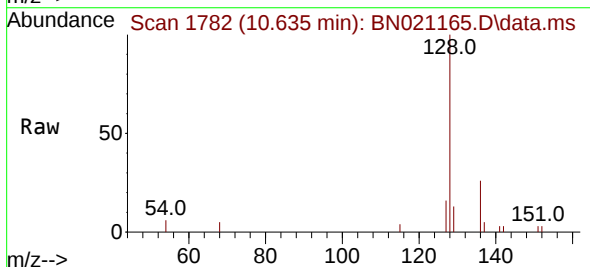
Instrument :
BNA_N
ClientSampleId :
SLCS937

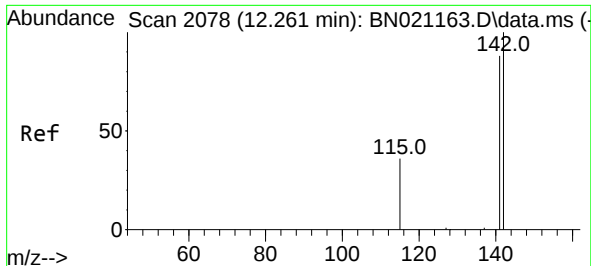
Tgt Ion: 88 Resp: 2998
Ion Ratio Lower Upper
88 100
43 30.5 31.4 47.0#
58 62.7 49.0 73.6



#5
Naphthalene
Concen: 0.149 ng/ul
RT: 10.635 min Scan# 1782
Delta R.T. 0.007 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

Tgt Ion: 128 Resp: 4167
Ion Ratio Lower Upper
128 100
129 13.1 9.8 14.6
127 15.7 11.6 17.4

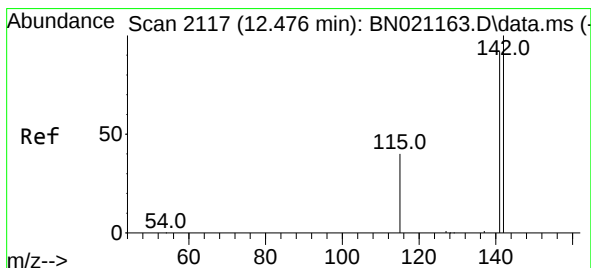
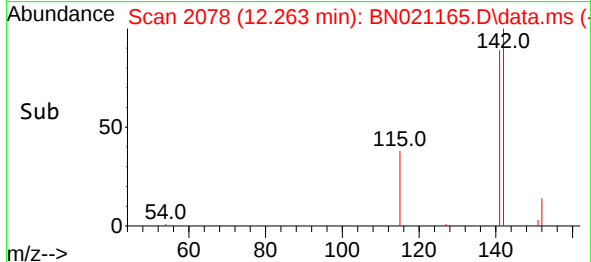
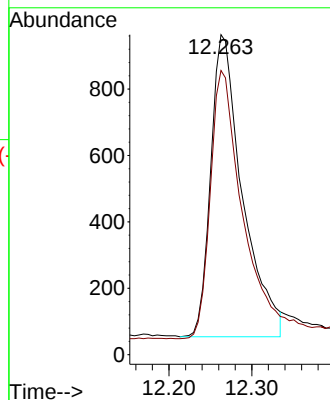
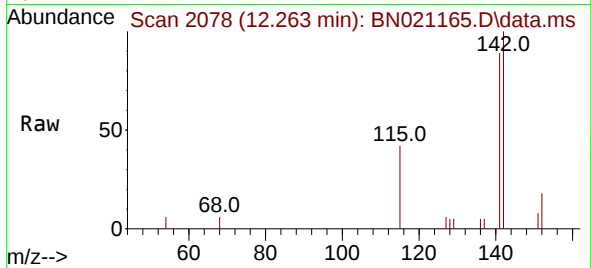




#7
2-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.263 min Scan# 2078
Delta R.T. 0.012 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

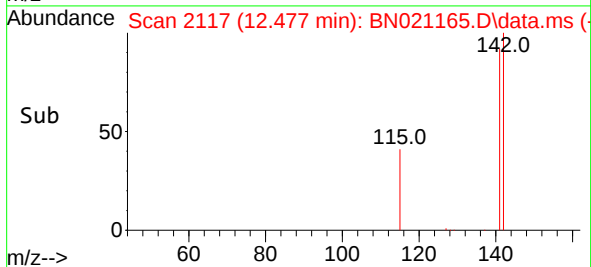
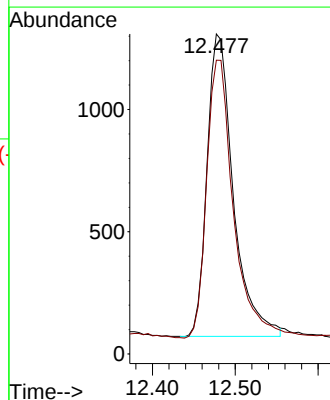
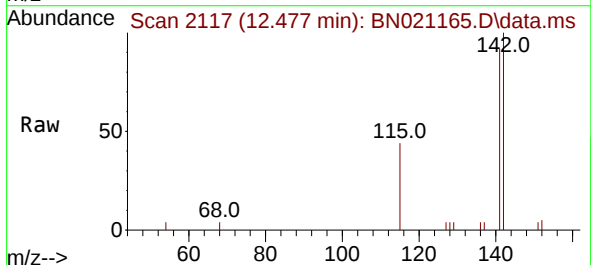
Instrument :
BNA_N
ClientSampleId :
SLCS937

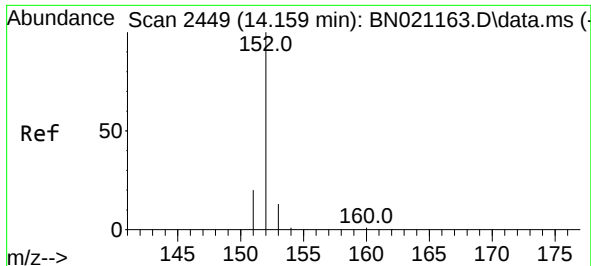
Tgt Ion:142 Resp: 2422
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.161 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

Tgt Ion:142 Resp: 2733
Ion Ratio Lower Upper
142 100
141 93.5 73.9 110.9

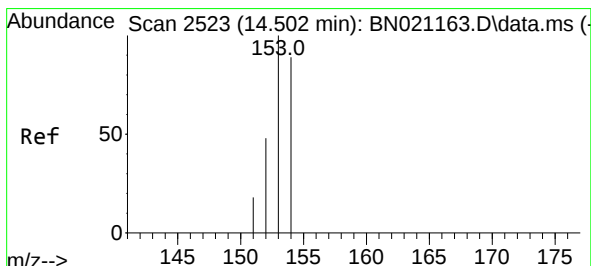
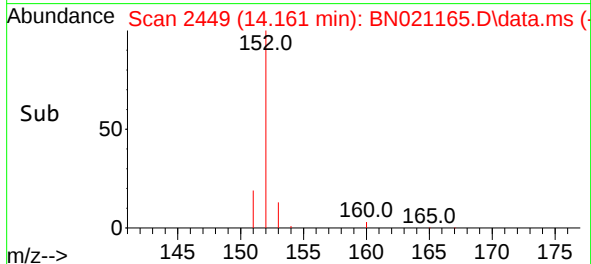
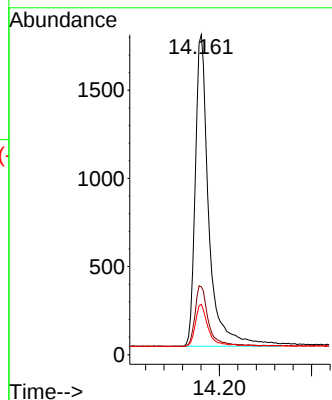
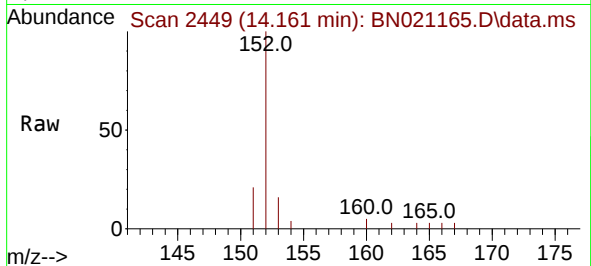




#10
Acenaphthylene
Concen: 0.148 ng/ul
RT: 14.161 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

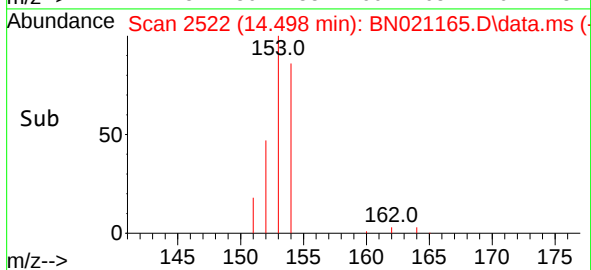
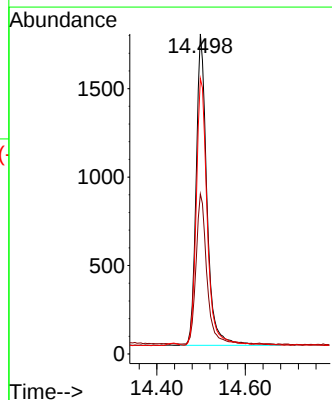
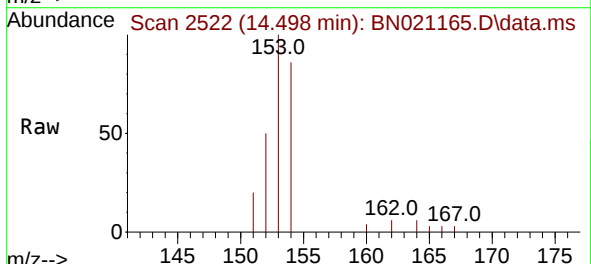
Instrument :
BNA_N
ClientSampleId :
SLCS937

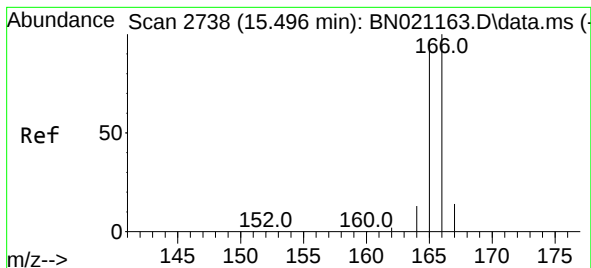
Tgt Ion:152 Resp: 3613
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3
153 15.8 11.2 16.8



#11
Acenaphthene
Concen: 0.148 ng/ul
RT: 14.498 min Scan# 2522
Delta R.T. -0.003 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

Tgt Ion:153 Resp: 2991
Ion Ratio Lower Upper
153 100
152 50.0 40.2 60.4
154 86.1 70.7 106.1





#12

Fluorene

Concen: 0.139 ng/ul

RT: 15.502 min Scan# 21

Delta R.T. 0.010 min

Lab File: BN021165.D

Acq: 12 Aug 2022 09:05

Instrument :

BNA_N

ClientSampleId :

SLCS937

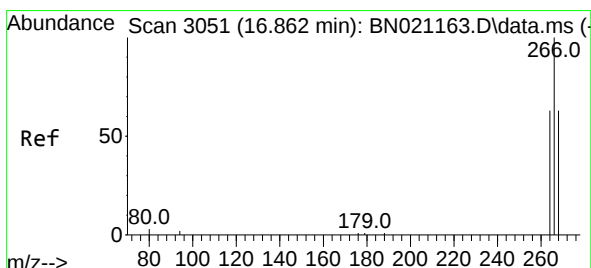
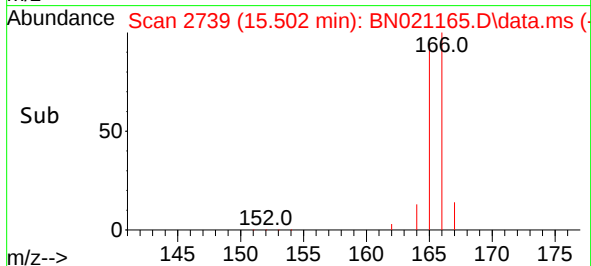
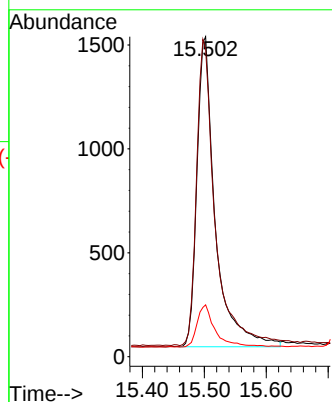
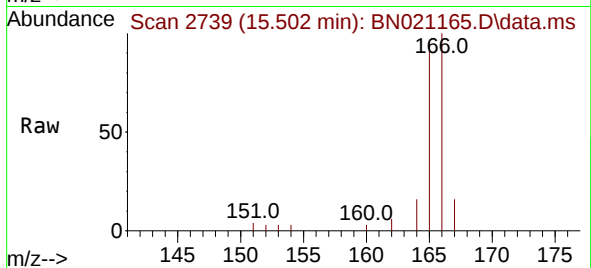
Tgt Ion:166 Resp: 3081

Ion Ratio Lower Upper

166 100

165 96.0 78.6 117.8

167 16.2 11.8 17.6



#14

Pentachlorophenol

Concen: 0.147 ng/ul

RT: 16.868 min Scan# 3052

Delta R.T. 0.014 min

Lab File: BN021165.D

Acq: 12 Aug 2022 09:05

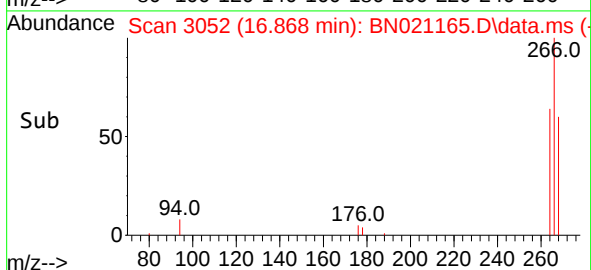
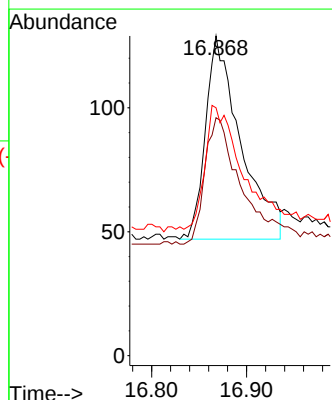
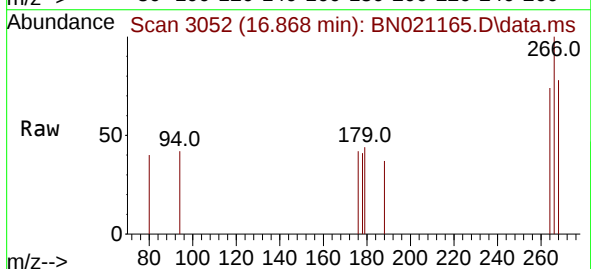
Tgt Ion:266 Resp: 212

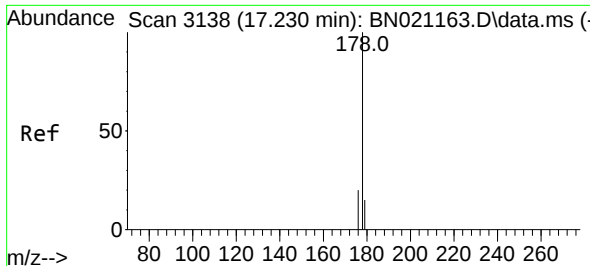
Ion Ratio Lower Upper

266 100

264 64.2 49.8 74.8

268 64.6 50.6 75.8

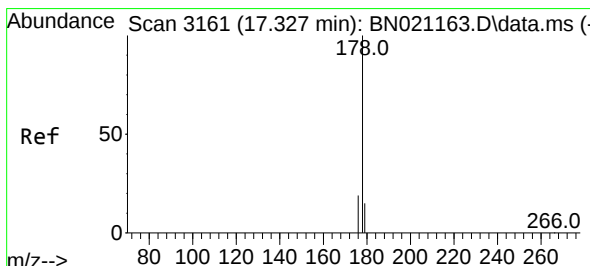
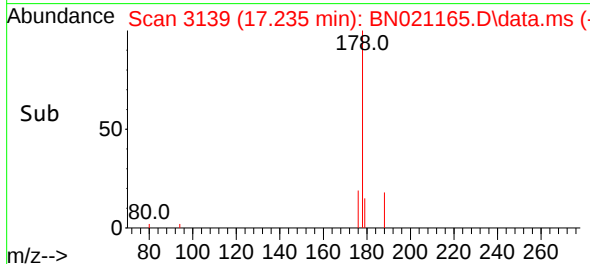
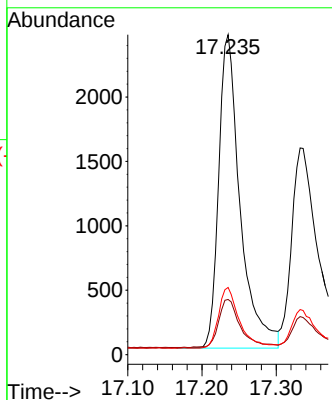
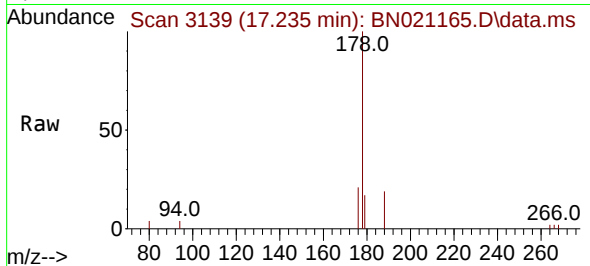




#15
Phenanthrene
Concen: 0.146 ng/ul
RT: 17.235 min Scan# 3138
Delta R.T. 0.005 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

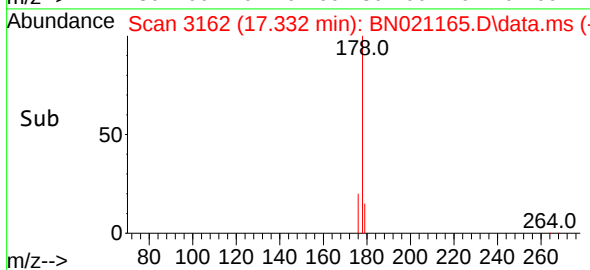
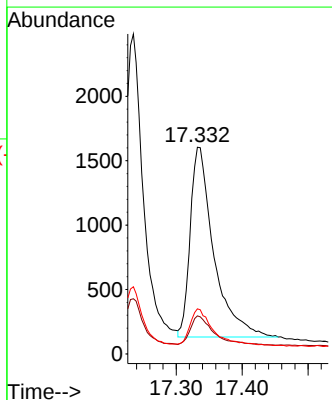
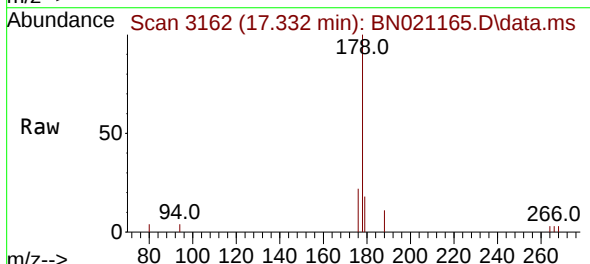
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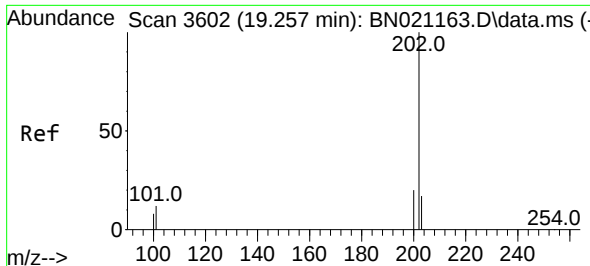
Tgt Ion:178 Resp: 4878
Ion Ratio Lower Upper
178 100
179 17.2 12.8 19.2
176 21.0 15.9 23.9



#16
Anthracene
Concen: 0.141 ng/ul
RT: 17.332 min Scan# 3162
Delta R.T. 0.010 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

Tgt Ion:178 Resp: 3659
Ion Ratio Lower Upper
178 100
179 18.4 12.9 19.3
176 21.8 15.9 23.9

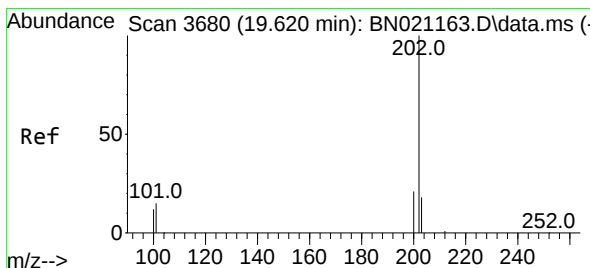
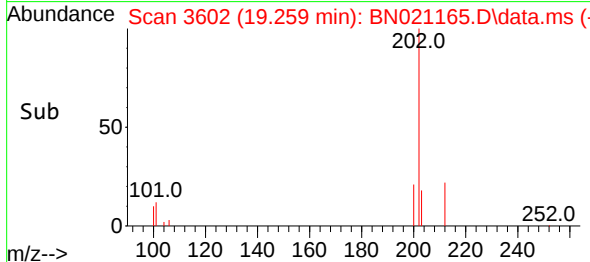
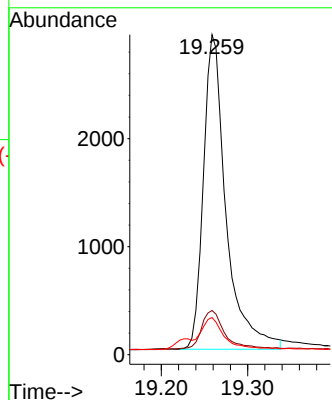
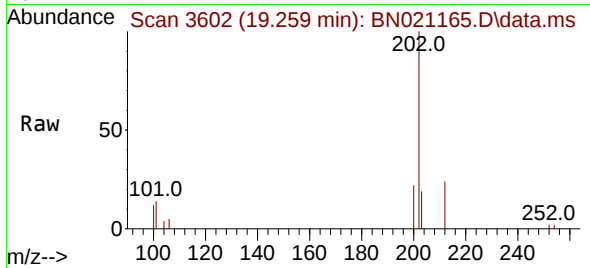




#19
Fluoranthene
Concen: 0.186 ng/ul
RT: 19.259 min Scan# 3602
Delta R.T. -0.003 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

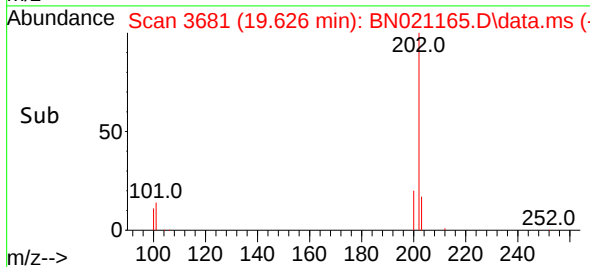
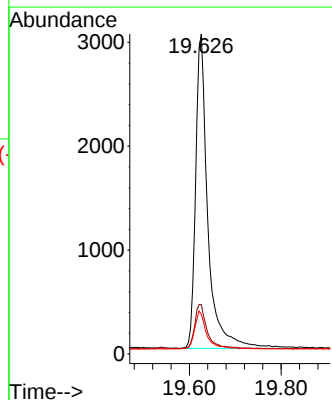
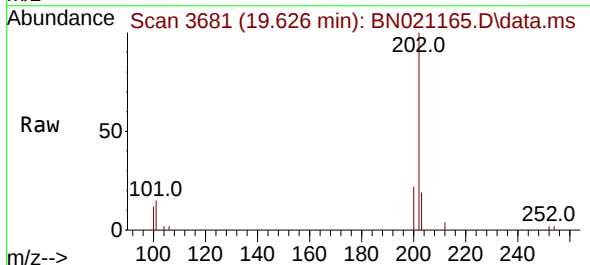
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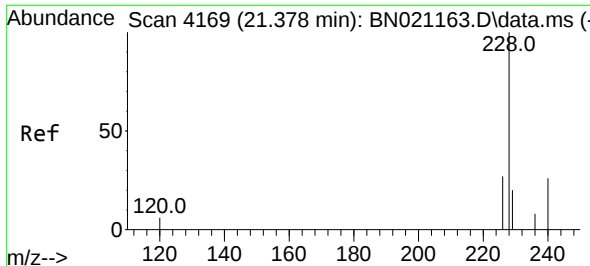
Tgt Ion:202 Resp: 5316
Ion Ratio Lower Upper
202 100
101 13.8 10.0 15.0
100 11.6 8.0 12.0



#20
Pyrene
Concen: 0.190 ng/ul
RT: 19.626 min Scan# 3681
Delta R.T. 0.001 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

Tgt Ion:202 Resp: 5598
Ion Ratio Lower Upper
202 100
101 15.4 11.3 16.9
100 12.3 9.0 13.4

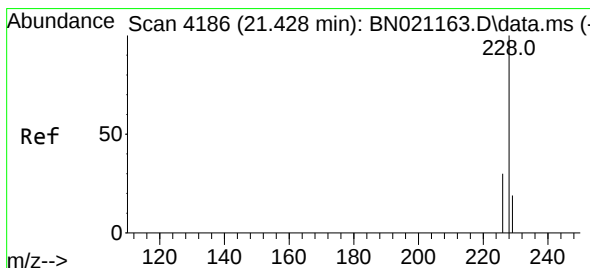
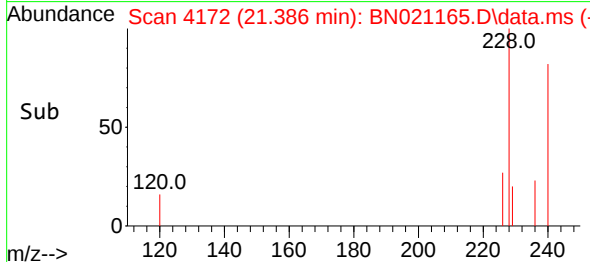
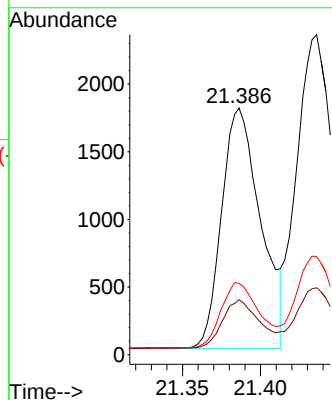
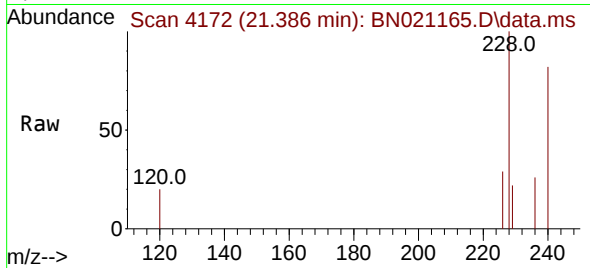




#21
Benzo(a)anthracene
Concen: 0.146 ng/ul
RT: 21.386 min Scan# 4169
Delta R.T. -0.000 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

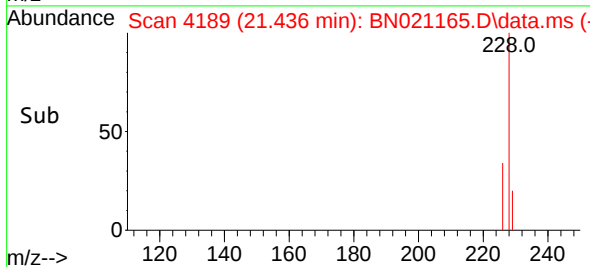
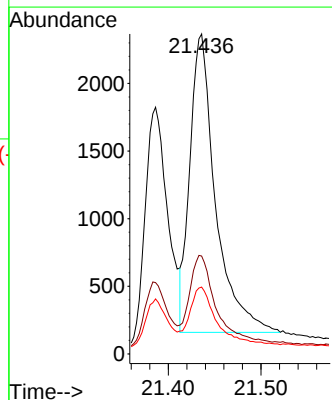
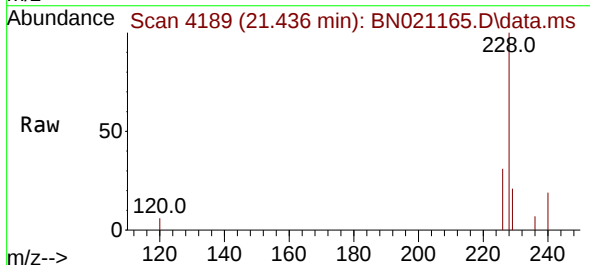
Instrument :
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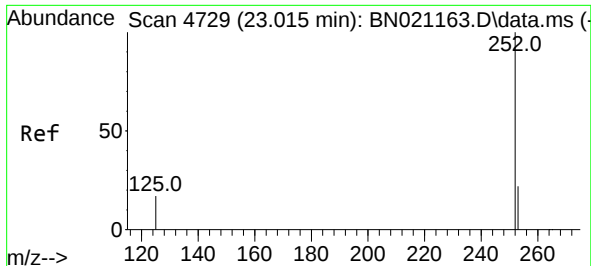
Tgt Ion:228 Resp: 3089
Ion Ratio Lower Upper
228 100
229 22.3 16.0 24.0
226 28.9 21.9 32.9



#22
Chrysene
Concen: 0.153 ng/ul
RT: 21.436 min Scan# 4189
Delta R.T. -0.006 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

Tgt Ion:228 Resp: 4243
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 20.9 15.8 23.8

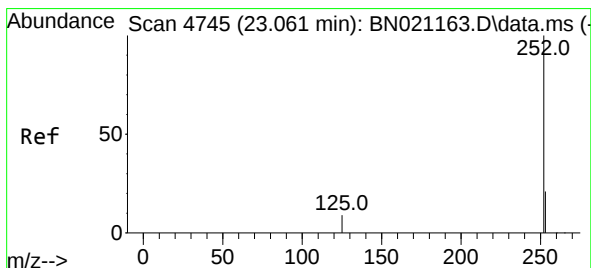
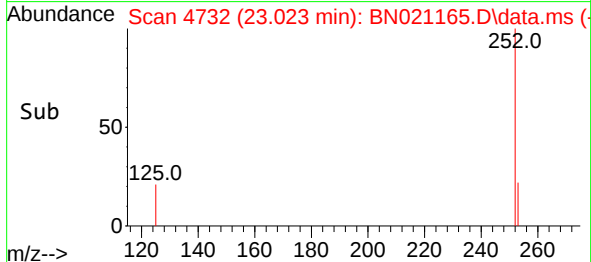
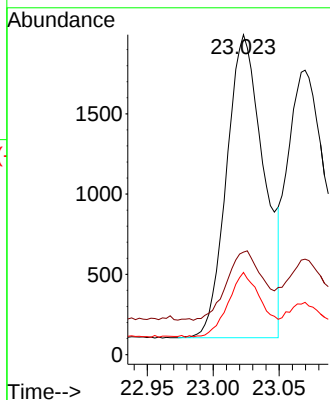
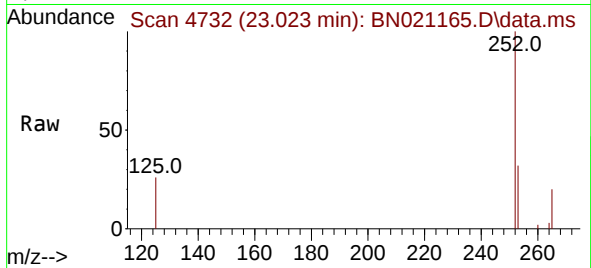




#24
Benzo(b)fluoranthene
Concen: 0.151 ng/ul
RT: 23.023 min Scan# 4732
Delta R.T. -0.006 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

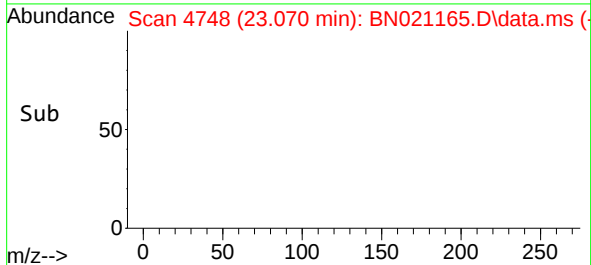
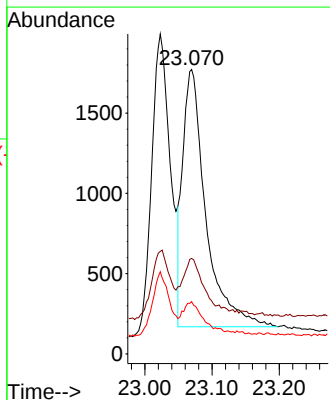
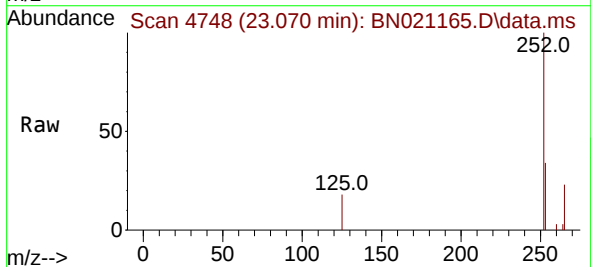
Instrument :
BNA_N
ClientSampleId :
SLCS937

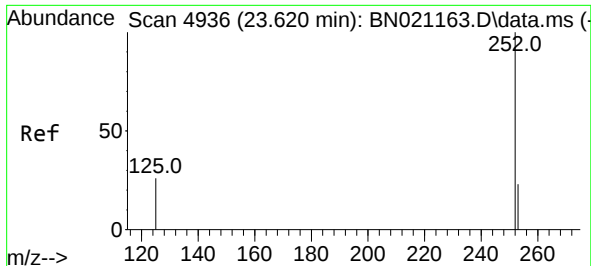
Tgt Ion:252 Resp: 3699
Ion Ratio Lower Upper
252 100
253 32.1 0.0 50.8
125 25.7 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.149 ng/ul
RT: 23.070 min Scan# 4748
Delta R.T. -0.006 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

Tgt Ion:252 Resp: 3830
Ion Ratio Lower Upper
252 100
253 33.6 20.6 31.0#
125 18.4 11.8 17.6#

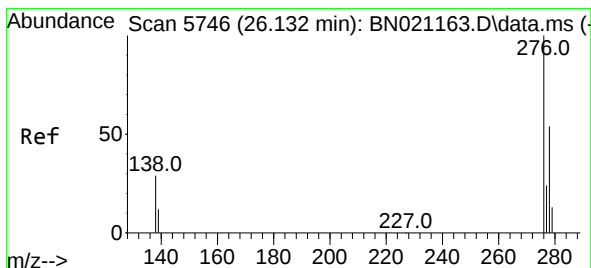
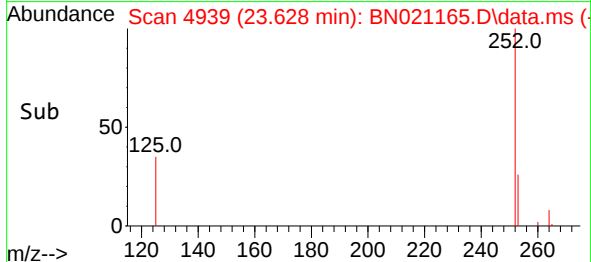
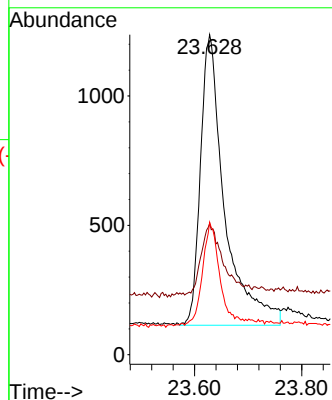
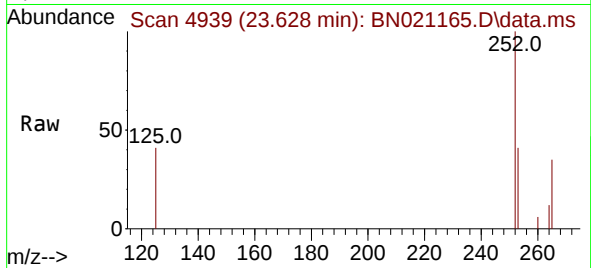




#26
Benzo(a)pyrene
Concen: 0.158 ng/ul
RT: 23.628 min Scan# 4936
Delta R.T. -0.006 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

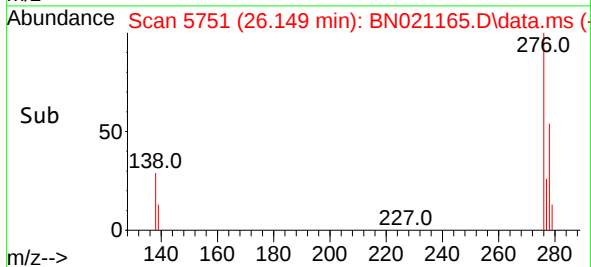
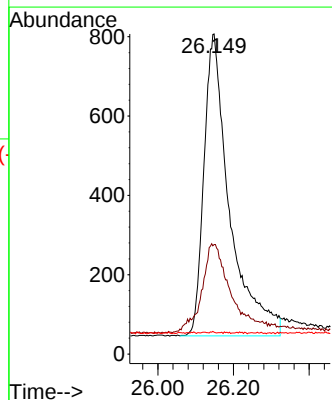
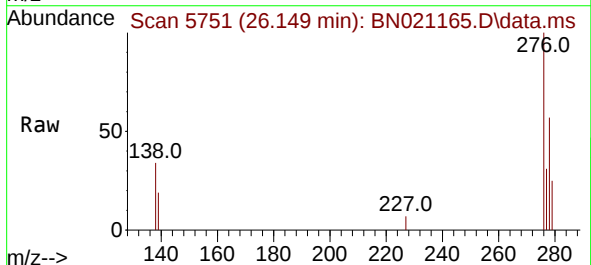
Instrument :
BNA_N
ClientSampleId :
SLCS937

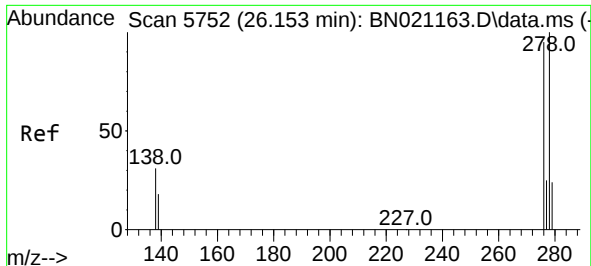
Tgt Ion:252 Resp: 3516
Ion Ratio Lower Upper
252 100
253 41.0 22.1 33.1#
125 41.4 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.134 ng/ul
RT: 26.149 min Scan# 5751
Delta R.T. -0.000 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

Tgt Ion:276 Resp: 3577
Ion Ratio Lower Upper
276 100
138 34.2 26.1 39.1
227 0.1 0.1 0.1

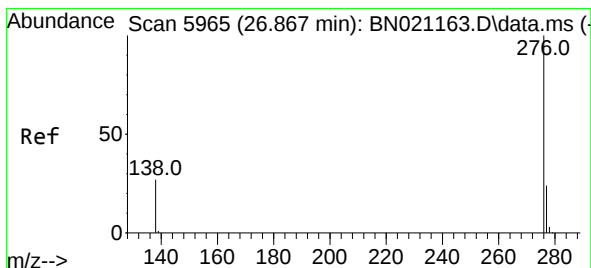
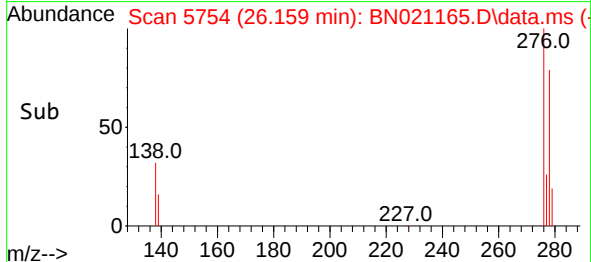
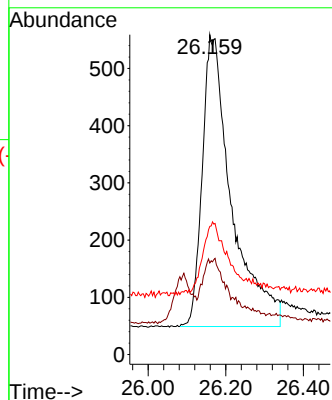
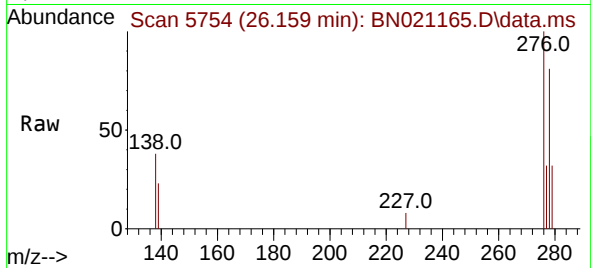




#28
Dibenzo(a,h)anthracene
Concen: 0.127 ng/ul
RT: 26.159 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

Instrument :
BNA_N
ClientSampleId :
SLCS937

Tgt Ion:278 Resp: 2674
Ion Ratio Lower Upper
278 100
139 28.6 18.3 27.5#
279 40.1 23.9 35.9#



#29
Benzo(g,h,i)perylene
Concen: 0.143 ng/ul
RT: 26.880 min Scan# 5969
Delta R.T. -0.007 min
Lab File: BN021165.D
Acq: 12 Aug 2022 09:05

Tgt Ion:276 Resp: 3396
Ion Ratio Lower Upper
276 100
138 33.3 22.6 34.0
277 28.6 20.2 30.2

