

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081022\
 Data File : BN021122.D
 Acq On : 10 Aug 2022 17:47
 Operator : CG/JU
 Sample : PB146870BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS870

Quant Time: Aug 10 22:07:31 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)

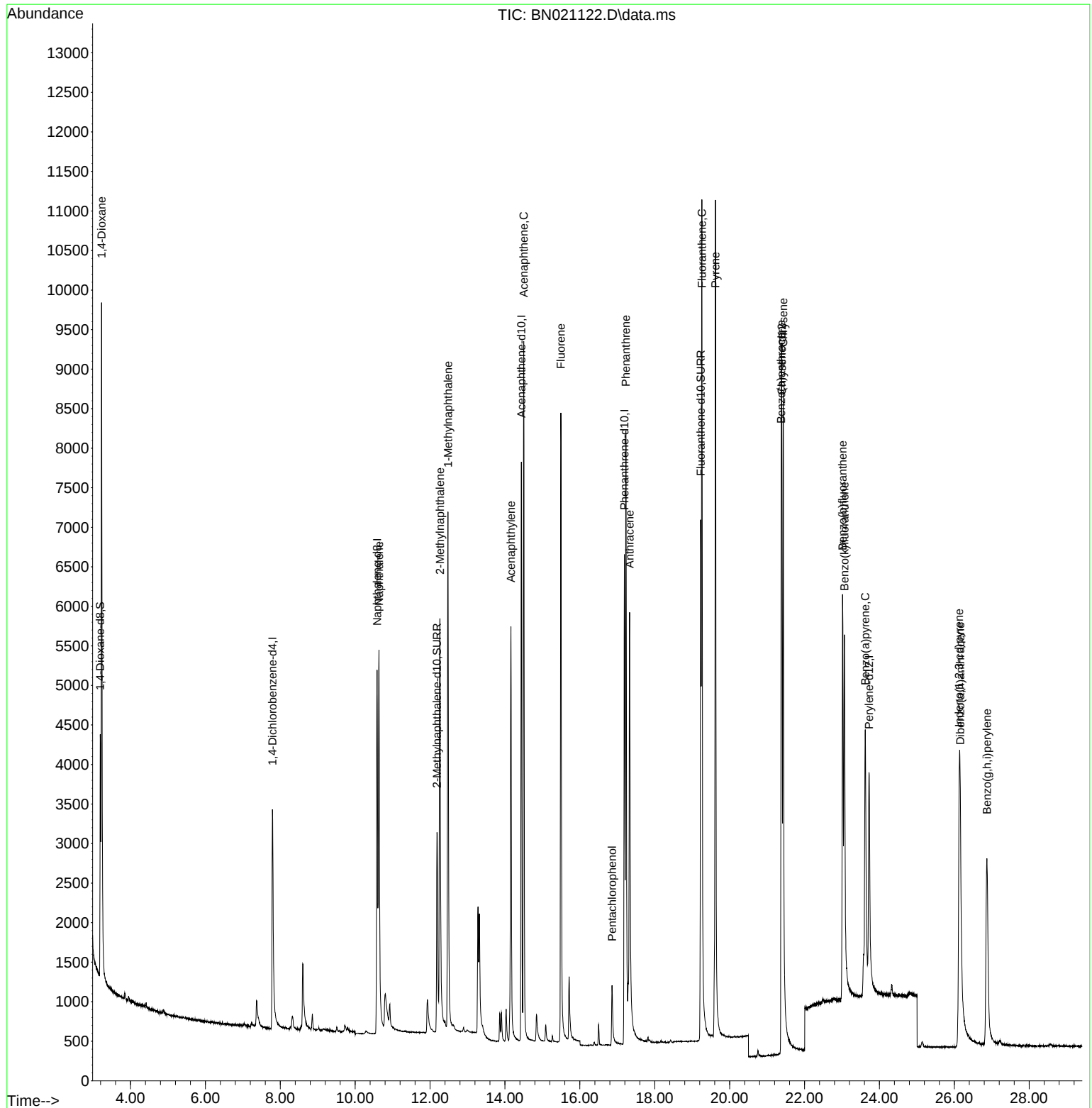
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2190	0.400	ng/ul	0.01
4) Naphthalene-d8	10.585	136	7768	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.438	164	4451	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.189	188	8353	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	6110	0.400	ng/ul	0.00
23) Perylene-d12	23.725	264	4498	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2005	0.716	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.186	152	4309	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	8391	0.445	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	5617	1.946	ng/ul#	85
5) Naphthalene	10.635	128	7915	0.332	ng/ul	100
7) 2-Methylnaphthalene	12.263	142	4853	0.335	ng/ul	99
8) 1-Methylnaphthalene	12.477	142	5289	0.365	ng/ul	99
10) Acenaphthylene	14.161	152	7029	0.338	ng/ul	99
11) Acenaphthene	14.503	153	5643	0.328	ng/ul	100
12) Fluorene	15.493	166	6129	0.326	ng/ul	100
14) Pentachlorophenol	16.859	266	729	0.566	ng/ul	99
15) Phenanthrene	17.231	178	9585	0.321	ng/ul	99
16) Anthracene	17.328	178	7862	0.340	ng/ul	99
19) Fluoranthene	19.259	202	10337	0.382	ng/ul	100
20) Pyrene	19.621	202	10786	0.386	ng/ul	97
21) Benzo(a)anthracene	21.378	228	6928	0.348	ng/ul	99
22) Chrysene	21.430	228	8746	0.333	ng/ul	99
24) Benzo(b)fluoranthene	23.017	252	7417	0.356	ng/ul	98
25) Benzo(k)fluoranthene	23.064	252	7455	0.339	ng/ul	97
26) Benzo(a)pyrene	23.622	252	6675	0.351	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.132	276	6786	0.299	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.159	278	5341	0.298	ng/ul	98
29) Benzo(g,h,i)perylene	26.870	276	6300	0.311	ng/ul	97

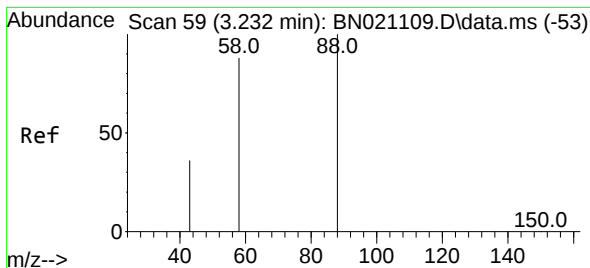
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.946 ng/ul

RT: 3.228 min Scan# 58

Delta R.T. 0.000 min

Lab File: BN021122.D

Acq: 10 Aug 2022 17:47

Instrument :

BNA_N

ClientSampleId :

SLCS870

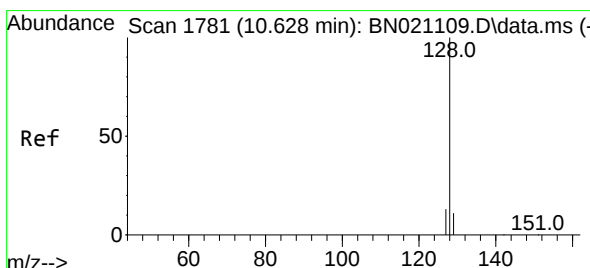
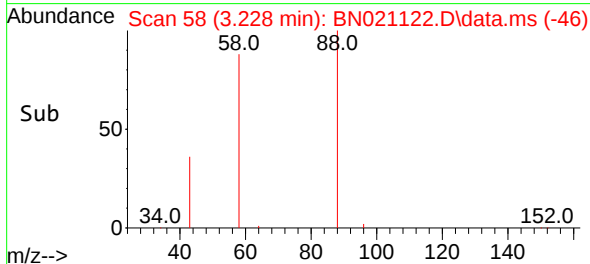
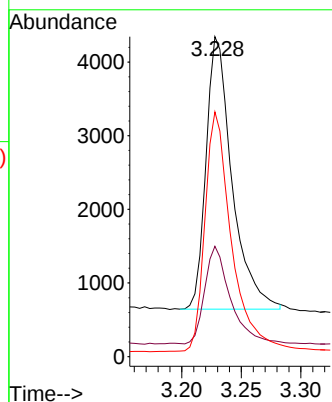
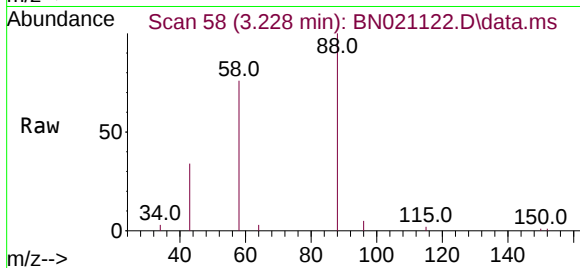
Tgt Ion: 88 Resp: 5617

Ion Ratio Lower Upper

88 100

43 34.5 31.4 47.0

58 76.5 49.0 73.6#



#5

Naphthalene

Concen: 0.332 ng/ul

RT: 10.635 min Scan# 1782

Delta R.T. 0.007 min

Lab File: BN021122.D

Acq: 10 Aug 2022 17:47

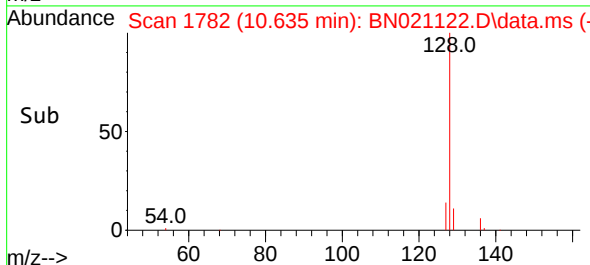
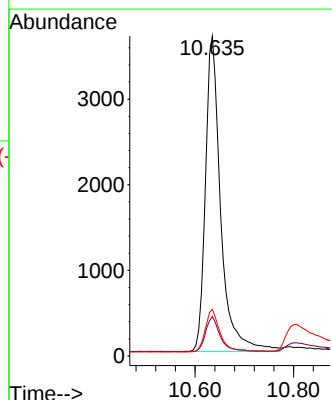
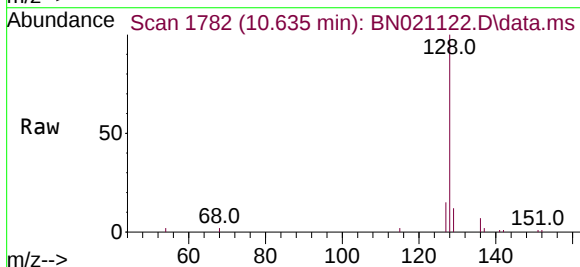
Tgt Ion: 128 Resp: 7915

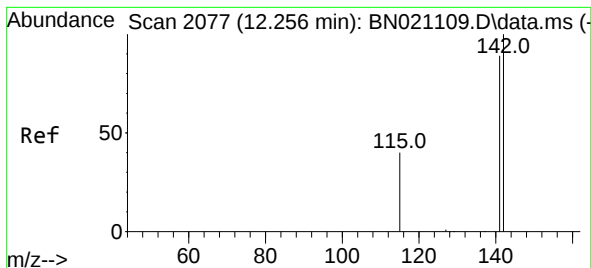
Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.6

127 14.6 11.6 17.4

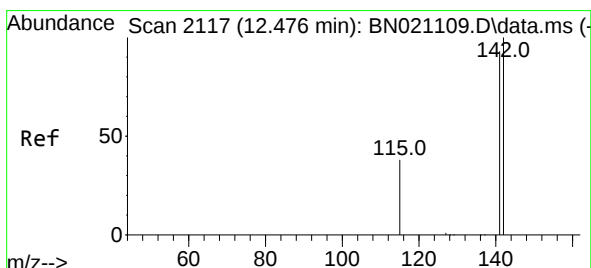
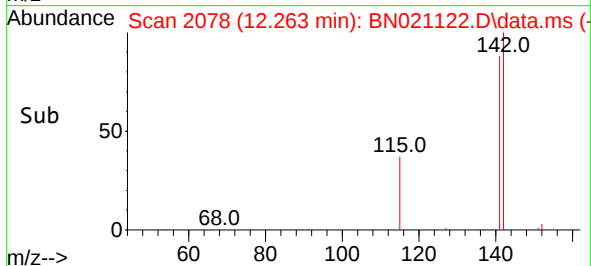
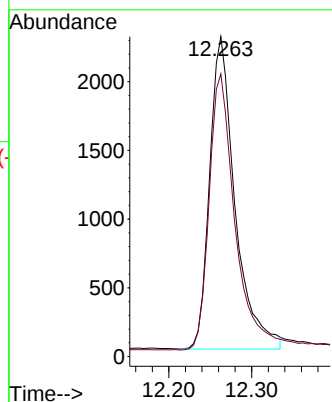
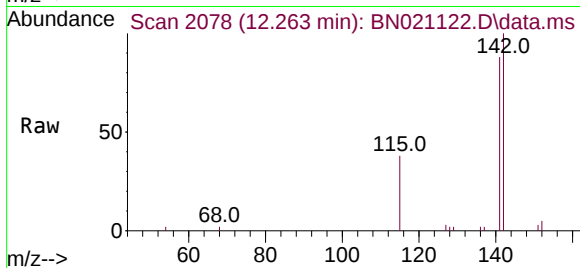




#7
2-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.263 min Scan# 2077
Delta R.T. 0.012 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

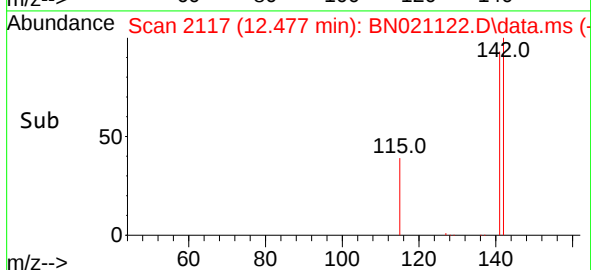
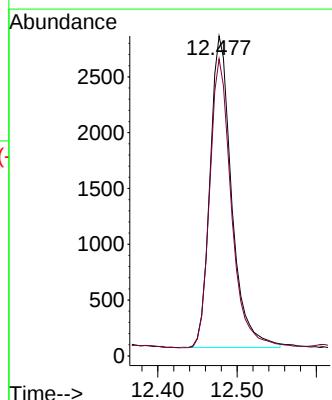
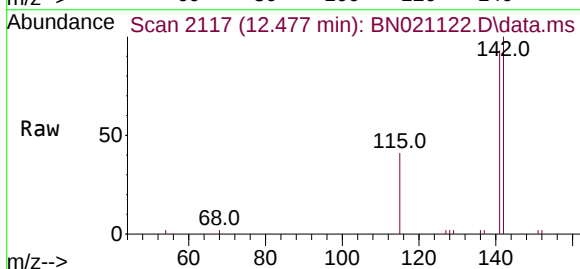
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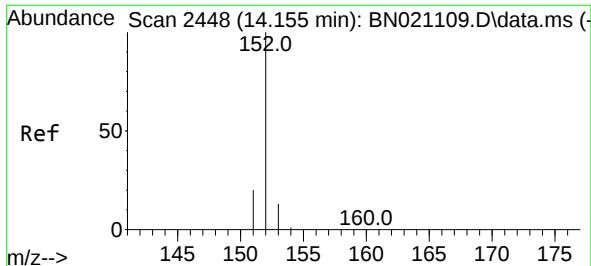
Tgt Ion:142 Resp: 4853
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

Tgt Ion:142 Resp: 5289
Ion Ratio Lower Upper
142 100
141 92.9 73.9 110.9

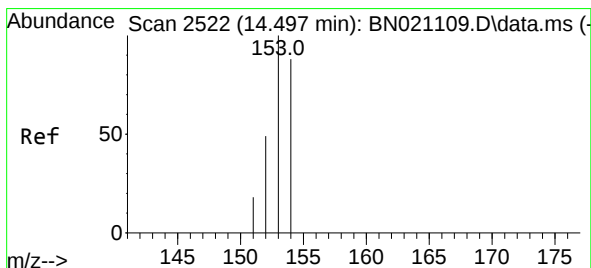
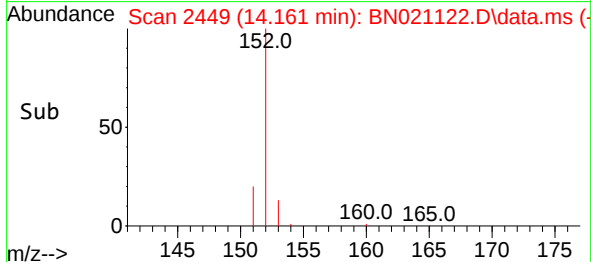
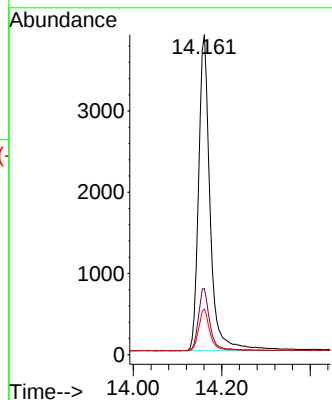
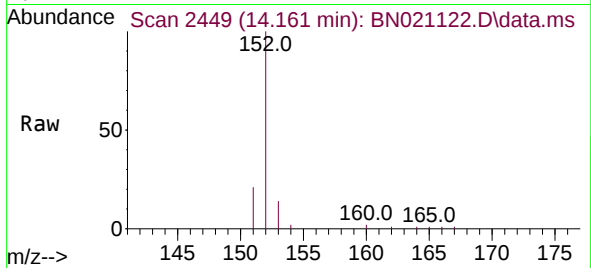




#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 14.161 min Scan# 2448
Delta R.T. 0.006 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

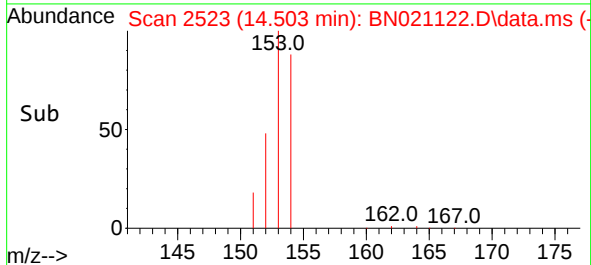
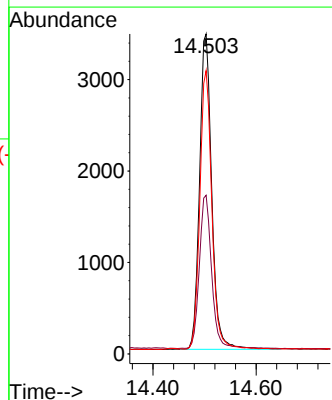
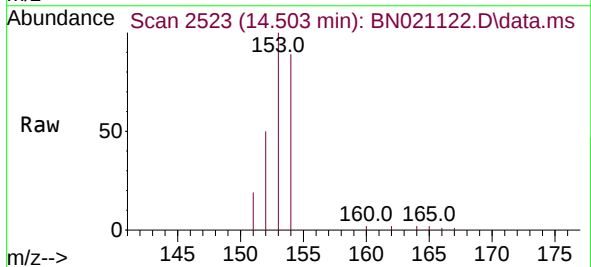
Instrument :
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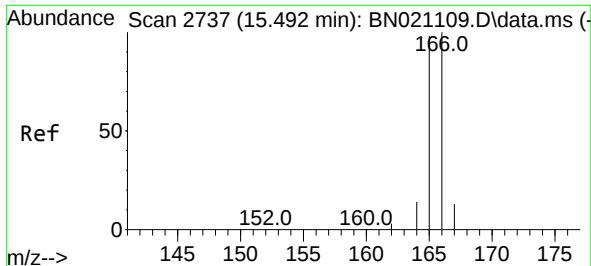
Tgt Ion:152 Resp: 7029
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.2 11.2 16.8



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.503 min Scan# 2523
Delta R.T. 0.001 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

Tgt Ion:153 Resp: 5643
Ion Ratio Lower Upper
153 100
152 49.6 40.2 60.4
154 88.5 70.7 106.1

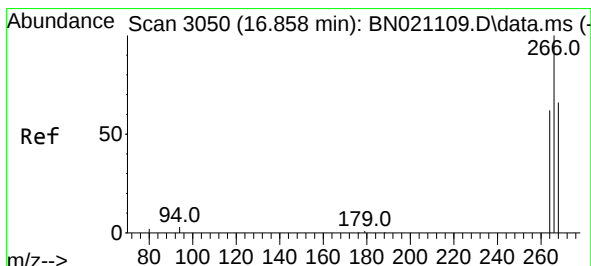
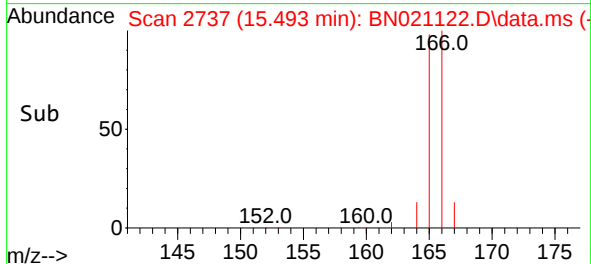
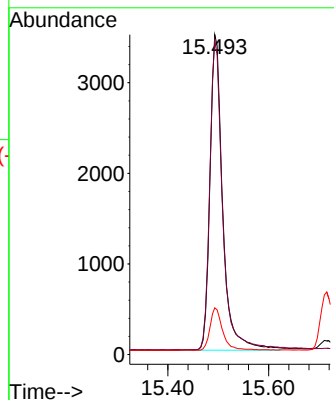
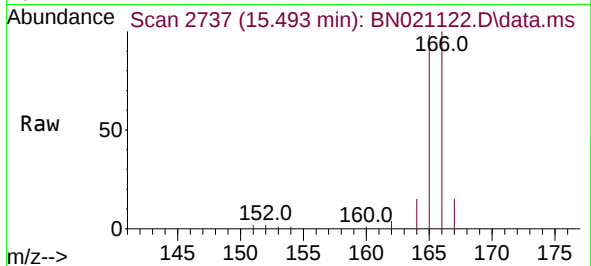




#12
Fluorene
Concen: 0.326 ng/ul
RT: 15.493 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

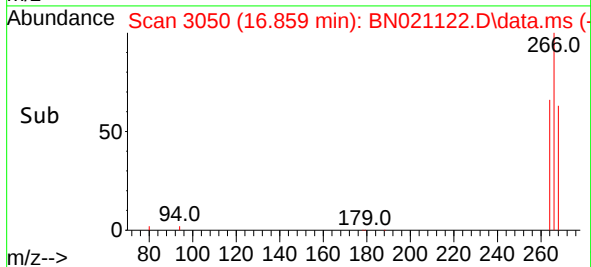
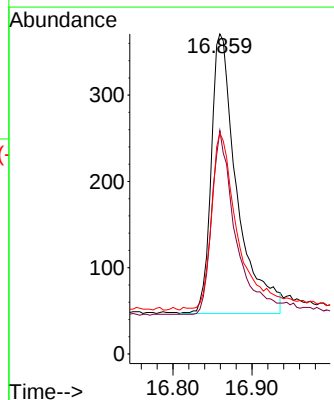
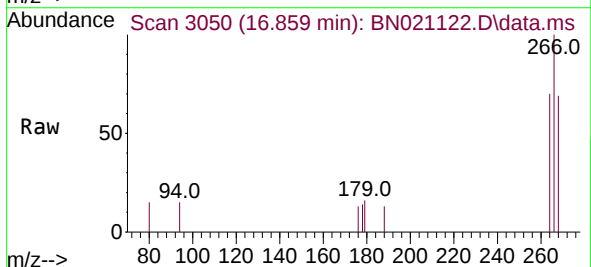
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BNA_N
ClientSampleId :
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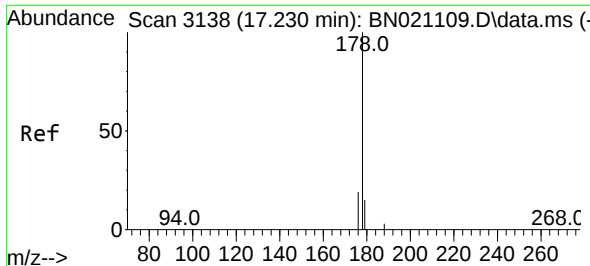
Tgt Ion:166 Resp: 6129
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 14.6 11.8 17.6



#14
Pentachlorophenol
Concen: 0.566 ng/ul
RT: 16.859 min Scan# 3050
Delta R.T. 0.006 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

Tgt Ion:266 Resp: 729
Ion Ratio Lower Upper
266 100
264 61.0 49.8 74.8
268 62.1 50.6 75.8

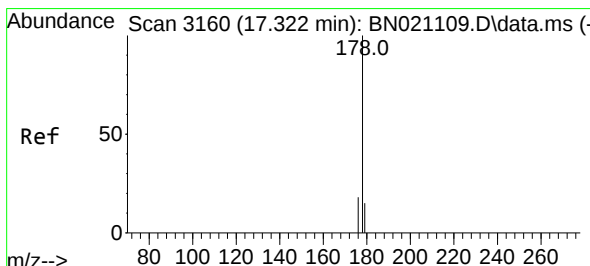
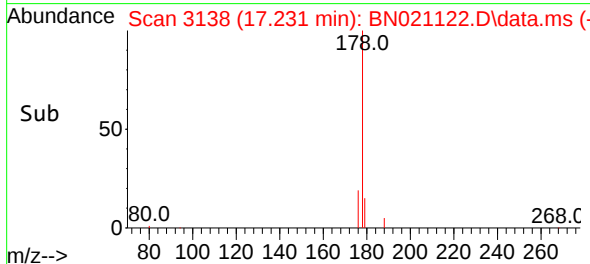
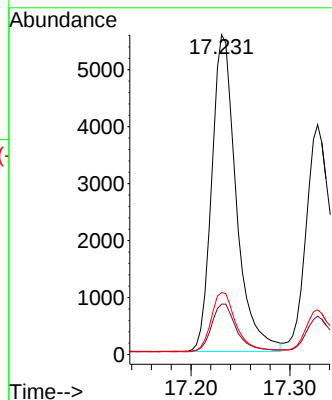
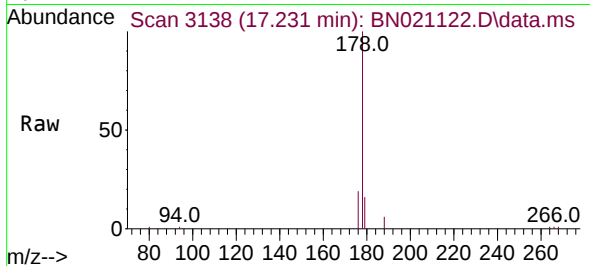




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.231 min Scan# 3138
Delta R.T. 0.001 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

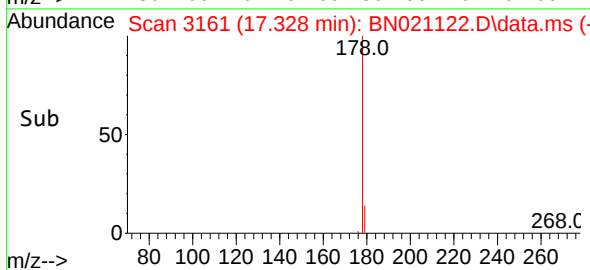
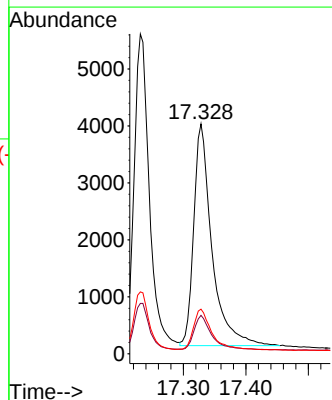
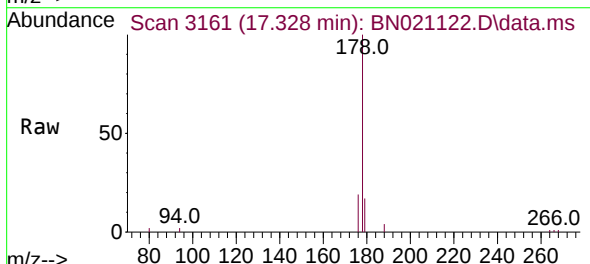
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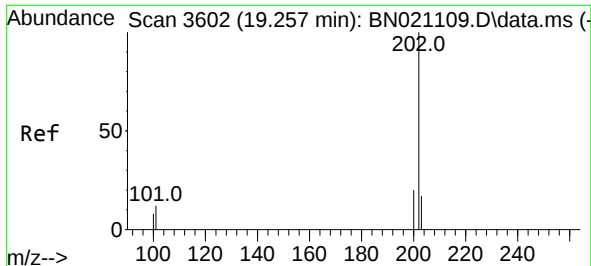
Tgt Ion:178 Resp: 9585
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.4 15.9 23.9



#16
Anthracene
Concen: 0.340 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

Tgt Ion:178 Resp: 7862
Ion Ratio Lower Upper
178 100
179 16.7 12.9 19.3
176 19.4 15.9 23.9

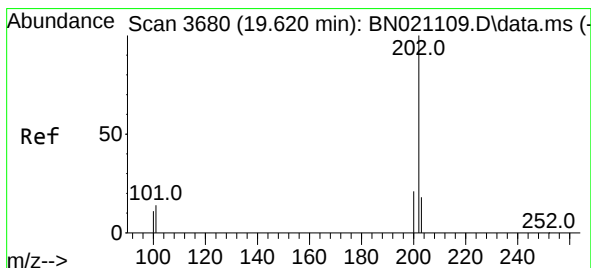
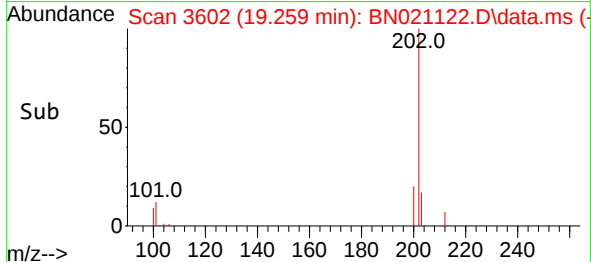
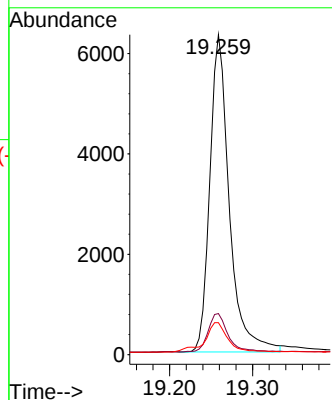
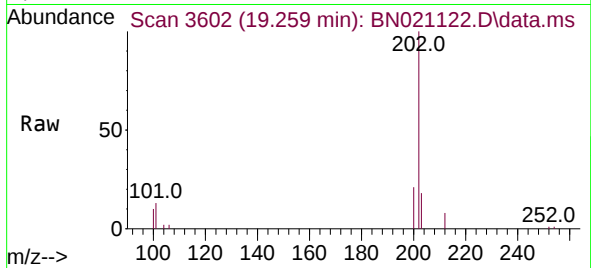




#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 19.259 min Scan# 3602
Delta R.T. -0.003 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

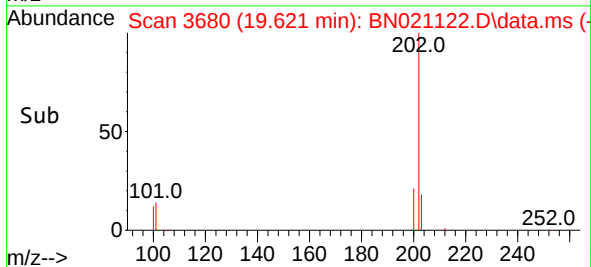
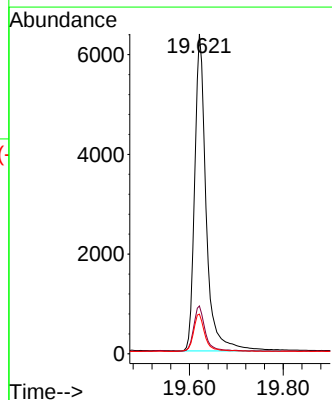
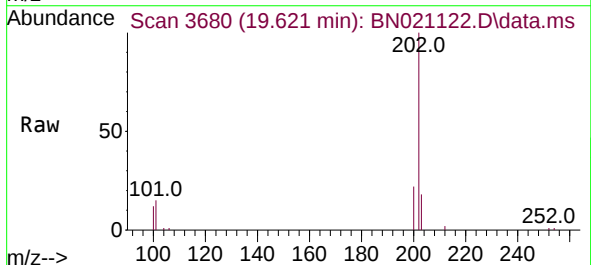
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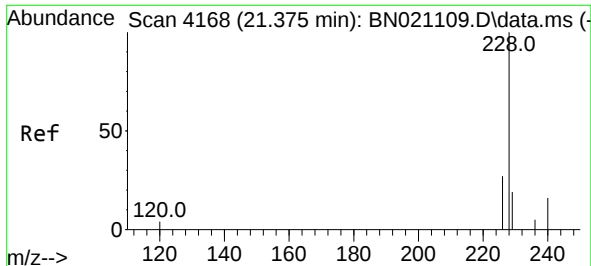
Tgt Ion:202 Resp: 10337
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 10.0 8.0 12.0



#20
Pyrene
Concen: 0.386 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.003 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

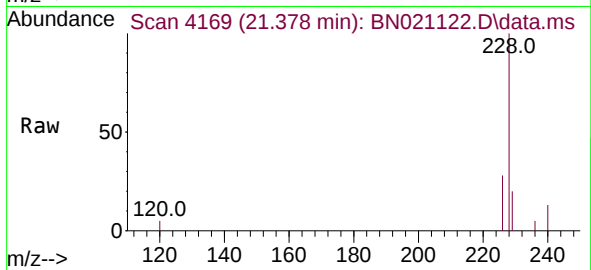
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Ion Ratio Lower Upper
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101 15.0 11.3 16.9
100 12.4 9.0 13.4



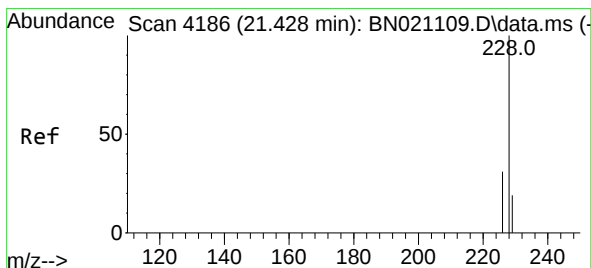
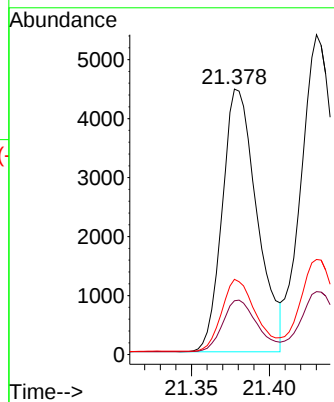
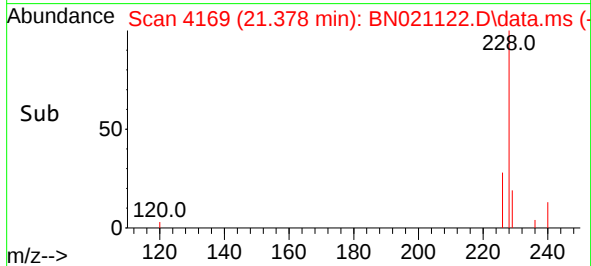


#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.378 min Scan# 4168
Delta R.T. -0.009 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

Instrument :
BNA_N
ClientSampleId :
SLCS870

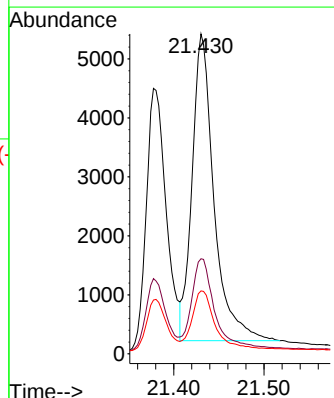
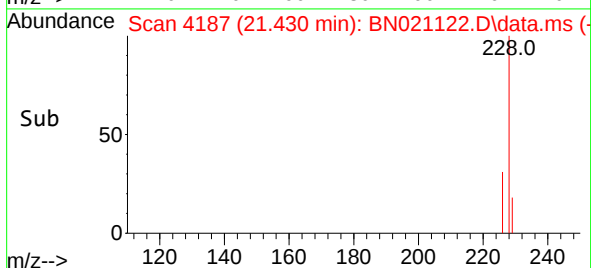
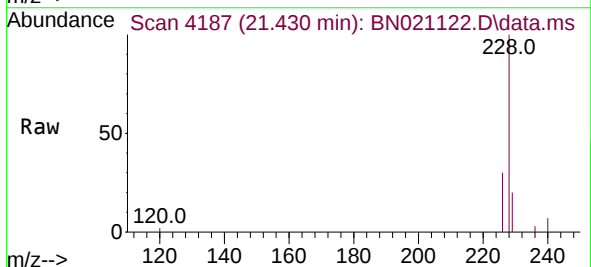


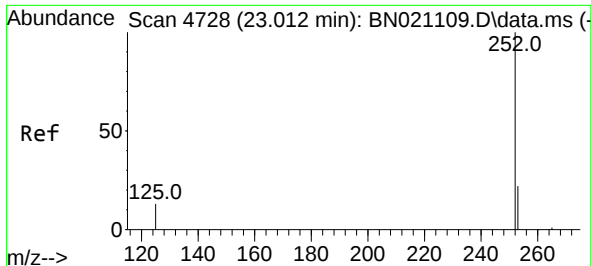
Tgt Ion:228 Resp: 6928
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 28.3 21.9 32.9



#22
Chrysene
Concen: 0.333 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. -0.012 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

Tgt Ion:228 Resp: 8746
Ion Ratio Lower Upper
228 100
226 29.7 24.6 37.0
229 19.7 15.8 23.8

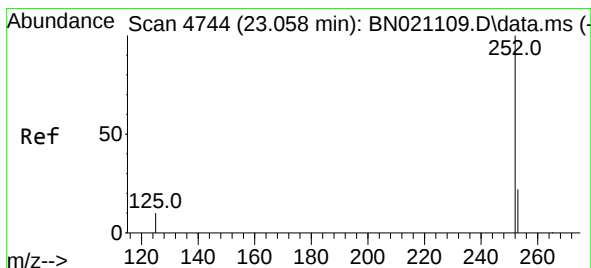
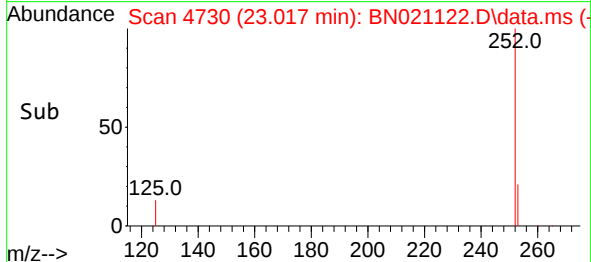
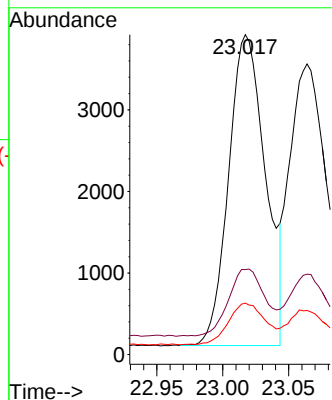
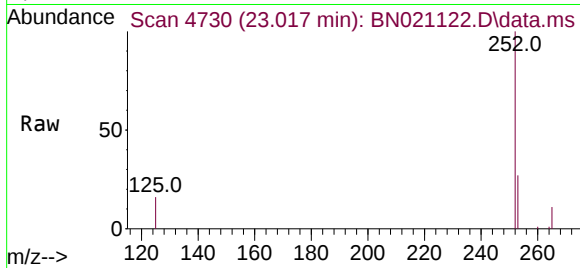




#24
Benzo(b)fluoranthene
Concen: 0.356 ng/ul
RT: 23.017 min Scan# 4717
Delta R.T. -0.012 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

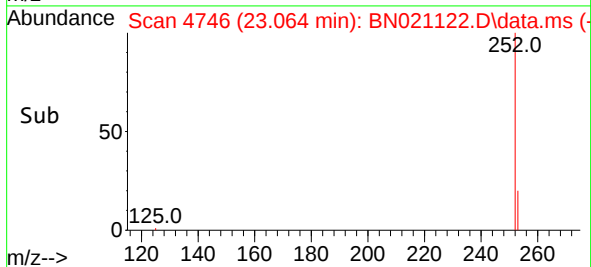
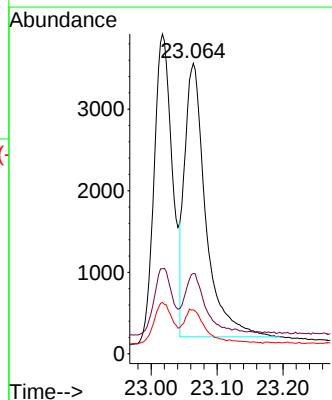
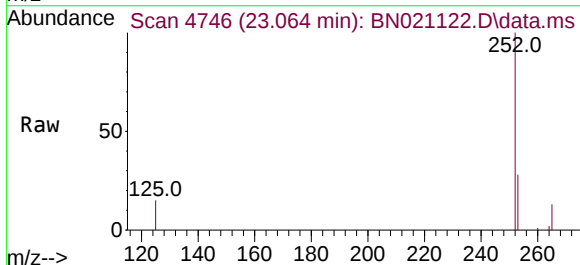
Instrument :
BNA_N
ClientSampleId :
SLCS870

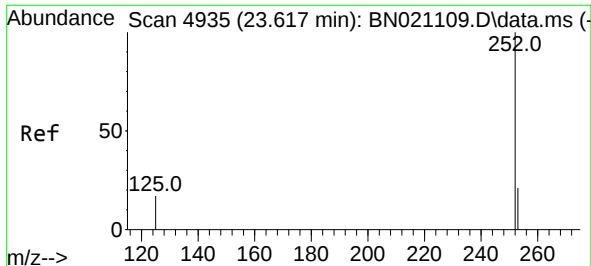
Tgt Ion:252 Resp: 7417
Ion Ratio Lower Upper
252 100
253 26.6 0.0 50.8
125 16.1 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

Tgt Ion:252 Resp: 7455
Ion Ratio Lower Upper
252 100
253 27.6 20.6 31.0
125 15.2 11.8 17.6

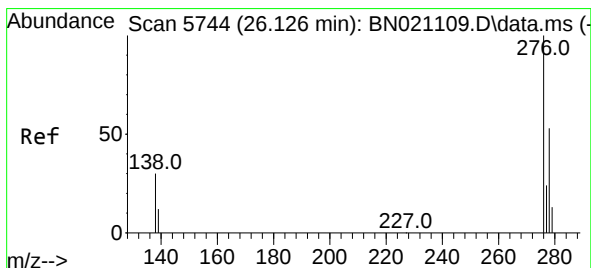
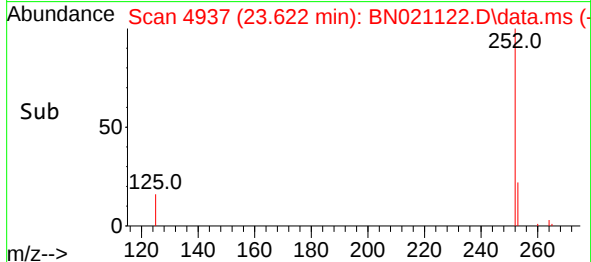
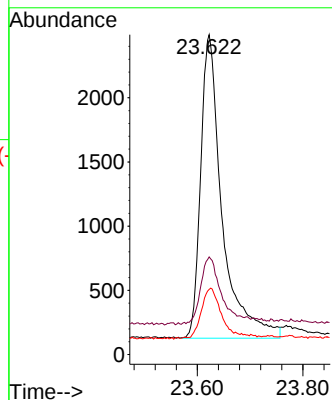
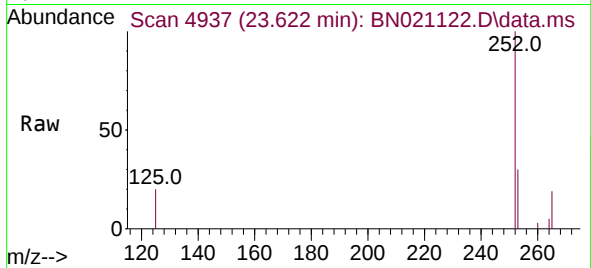




#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.622 min Scan# 4935
Delta R.T. -0.012 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

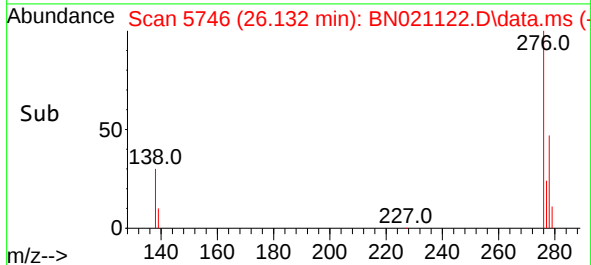
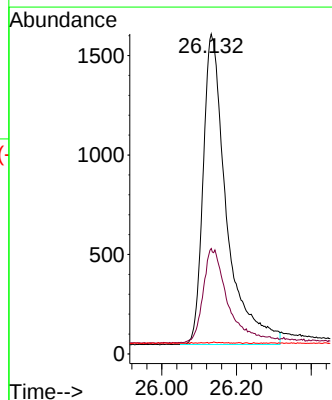
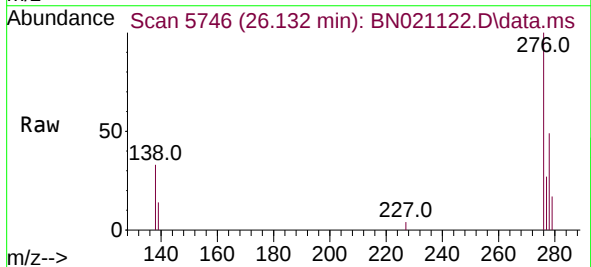
Instrument :
BNA_N
ClientSampleId :
SLCS870

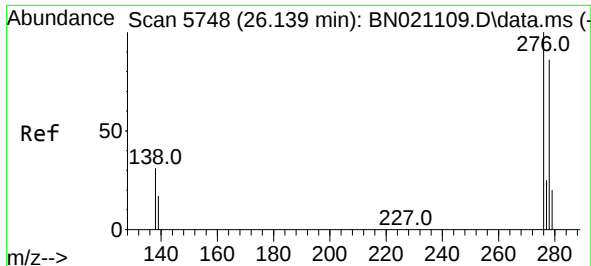
Tgt Ion:252	Resp:	6675
Ion Ratio	Lower	Upper
252	100	
253	30.5	22.1 33.1
125	20.3	14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 26.132 min Scan# 5746
Delta R.T. -0.017 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

Tgt Ion:276	Resp:	6786
Ion Ratio	Lower	Upper
276	100	
138	32.3	26.1 39.1
227	0.1	0.1 0.1#

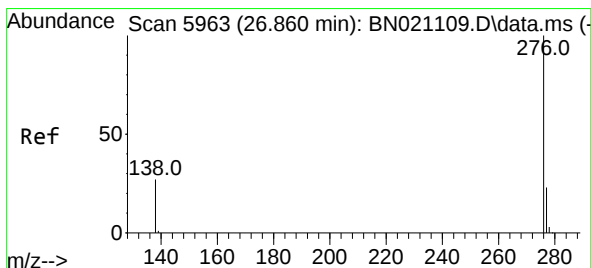
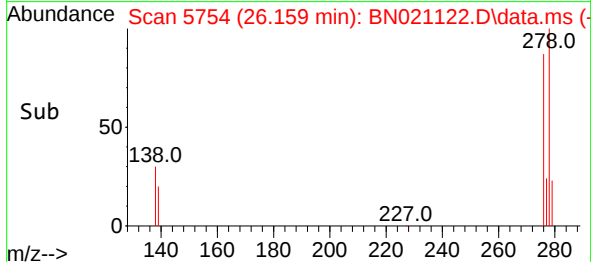
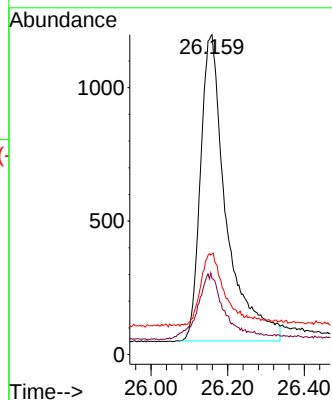
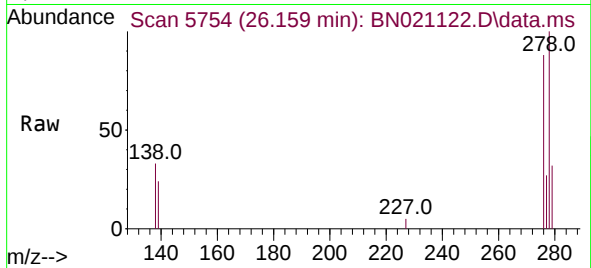




#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.159 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

Instrument :
BNA_N
ClientSampleId :
SLCS870

Tgt Ion:278 Resp: 5341
Ion Ratio Lower Upper
278 100
139 23.8 18.3 27.5
279 31.5 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.311 ng/ul
RT: 26.870 min Scan# 5966
Delta R.T. -0.017 min
Lab File: BN021122.D
Acq: 10 Aug 2022 17:47

Tgt Ion:276 Resp: 6300
Ion Ratio Lower Upper
276 100
138 29.8 22.6 34.0
277 26.5 20.2 30.2

