

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
 Data File : BNCCC316.D
 Acq On : 21 Jun 2022 20:52
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 22 00:09:02 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)

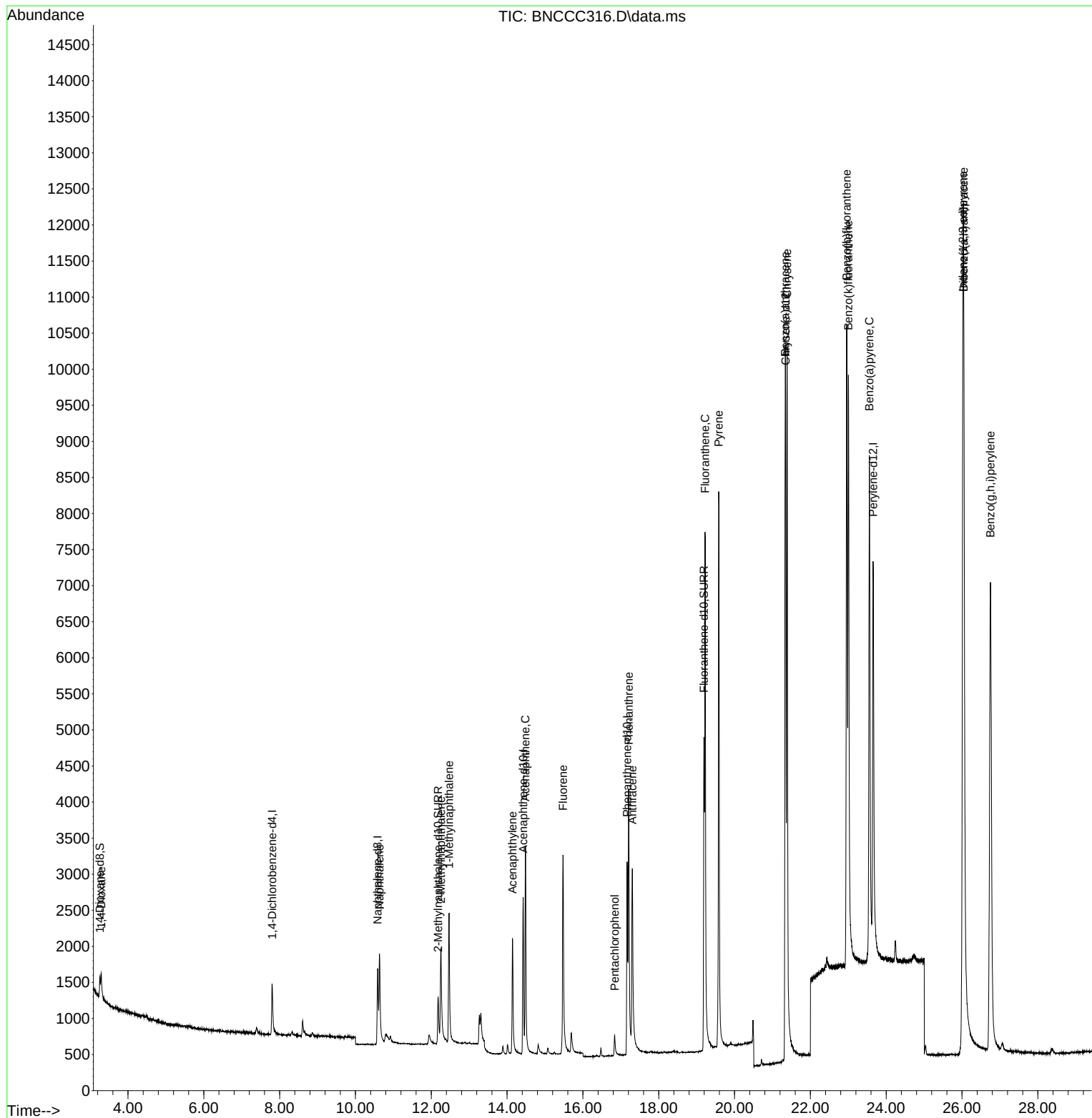
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	581	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	2060	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.423	164	1505	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	3929	0.400	ng/ul	0.00
17) Chrysene-d12	21.349	240	6762	0.400	ng/ul	0.00
23) Perylene-d12	23.655	264	8291	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	265	0.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	1248	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	5722	0.410	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.294	88	220	0.345	ng/ul	90
5) Naphthalene	10.634	128	2302	0.349	ng/ul	97
7) 2-Methylnaphthalene	12.256	142	1381	0.324	ng/ul	99
8) 1-Methylnaphthalene	12.470	142	1626	0.388	ng/ul	98
10) Acenaphthylene	14.141	152	2567	0.357	ng/ul	97
11) Acenaphthene	14.483	153	2048	0.298	ng/ul	99
12) Fluorene	15.473	166	2497	0.350	ng/ul	98
14) Pentachlorophenol	16.837	266	288	0.382	ng/ul	99
15) Phenanthrene	17.208	178	4898	0.344	ng/ul	98
16) Anthracene	17.301	178	4081	0.339	ng/ul	98
19) Fluoranthene	19.225	202	7042	0.258	ng/ul	99
20) Pyrene	19.583	202	7801	0.264	ng/ul	99
21) Benzo(a)anthracene	21.334	228	7873	0.300	ng/ul	99
22) Chrysene	21.384	228	9884	0.302	ng/ul	99
24) Benzo(b)fluoranthene	22.959	252	12311	0.208	ng/ul	98
25) Benzo(k)fluoranthene	23.003	252	12586	0.228	ng/ul	99
26) Benzo(a)pyrene	23.555	252	12485	0.333	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.029	276	17089	0.280	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.042	278	13707	0.282	ng/ul	99
29) Benzo(g,h,i)perylene	26.750	276	15673	0.291	ng/ul	100

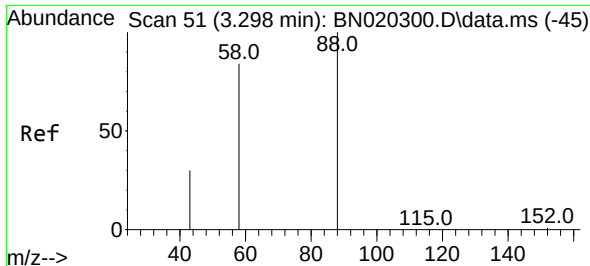
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 00:09:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

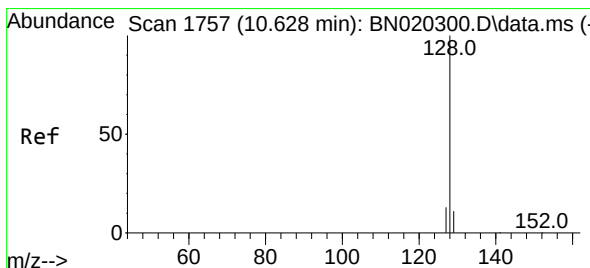
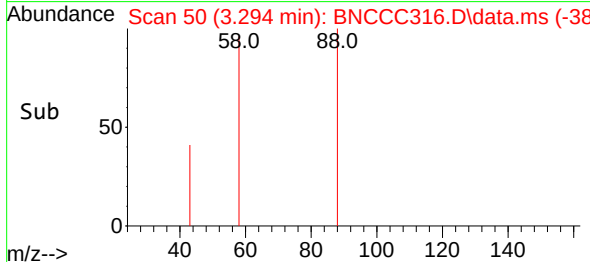
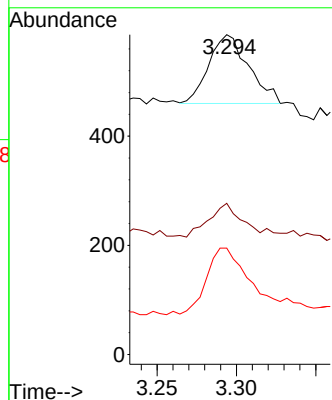
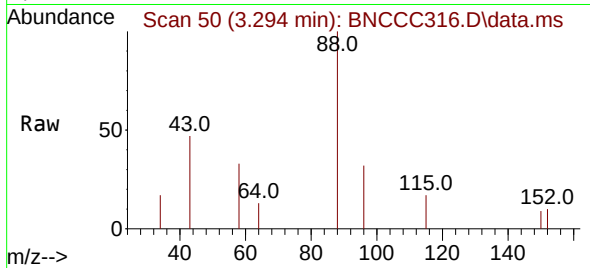




#2
1,4-Dioxane
Concen: 0.345 ng/ul
RT: 3.294 min Scan# 51
Delta R.T. -0.000 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

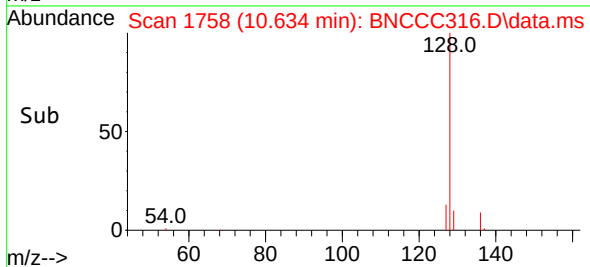
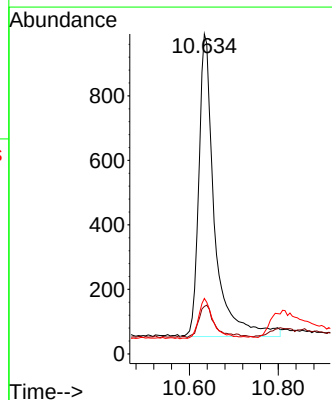
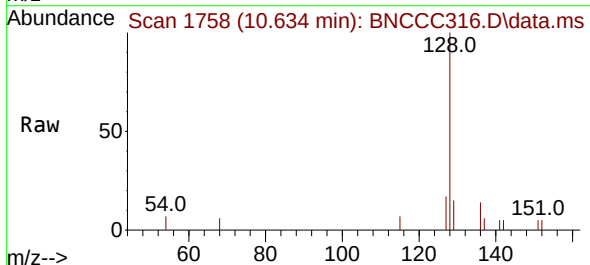
Instrument :
BNA_N
ClientSampleId :

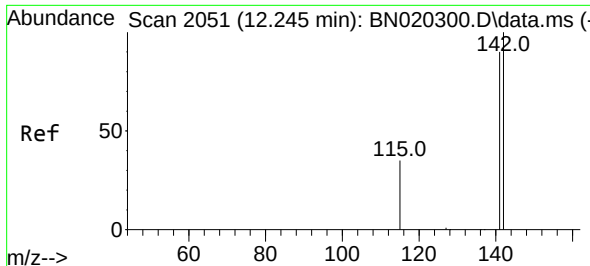
Tgt Ion: 88 Resp: 220
Ion Ratio Lower Upper
88 100
43 47.3 31.6 47.4
58 33.3 23.8 35.6



#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.634 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

Tgt Ion: 128 Resp: 2302
Ion Ratio Lower Upper
128 100
129 14.8 11.0 16.4
127 17.3 12.8 19.2

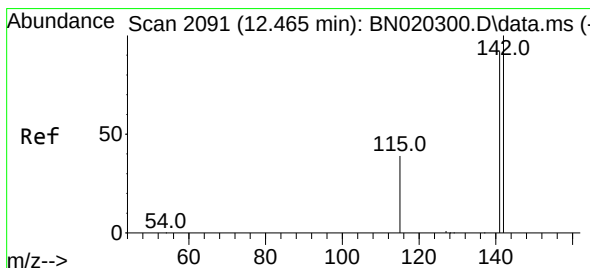
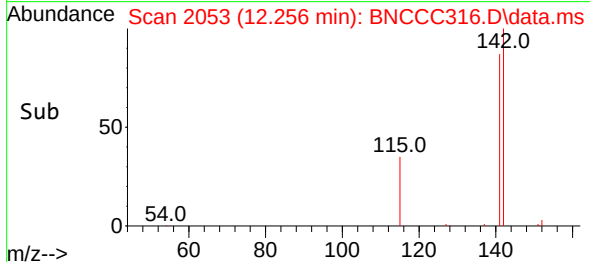
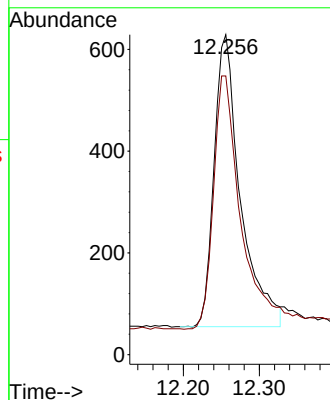
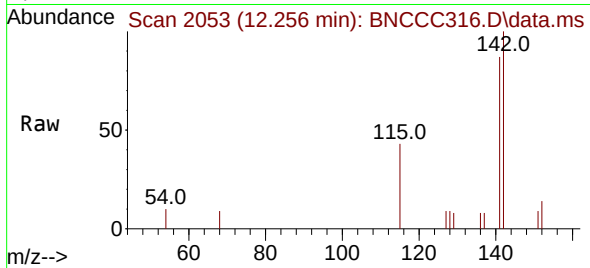




#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.256 min Scan# 2053
Delta R.T. 0.005 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

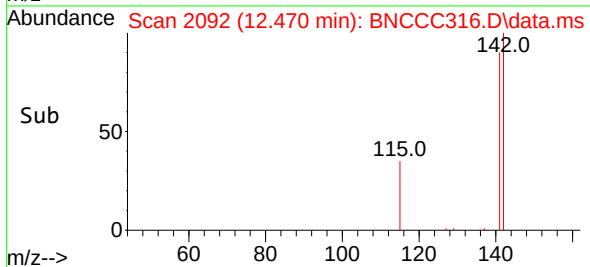
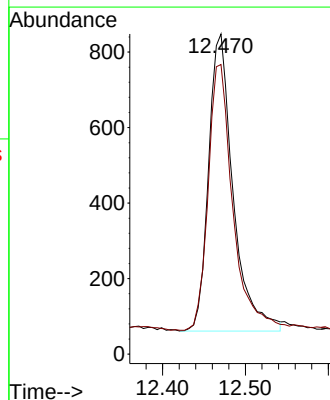
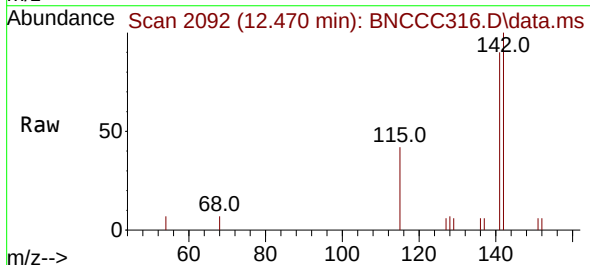
Instrument :
BNA_N
ClientSampleId :

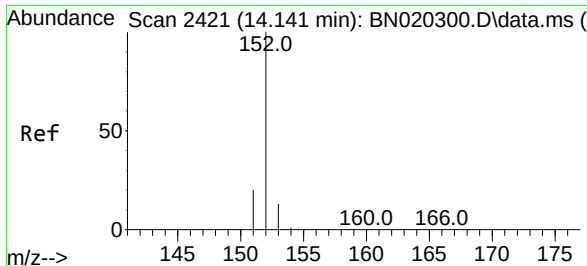
Tgt Ion:142 Resp: 1381
Ion Ratio Lower Upper
142 100
141 88.6 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. 0.005 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

Tgt Ion:142 Resp: 1626
Ion Ratio Lower Upper
142 100
141 89.7 73.4 110.0

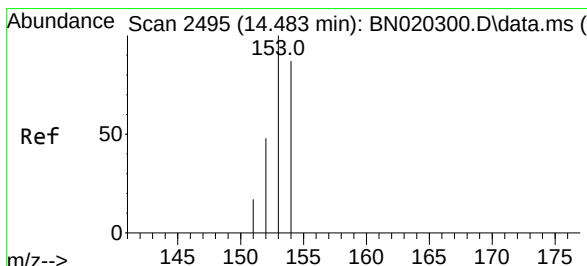
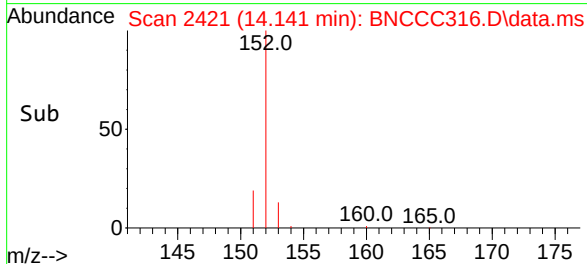
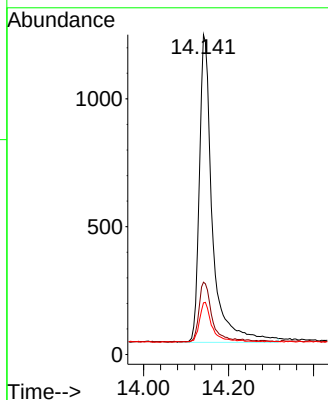
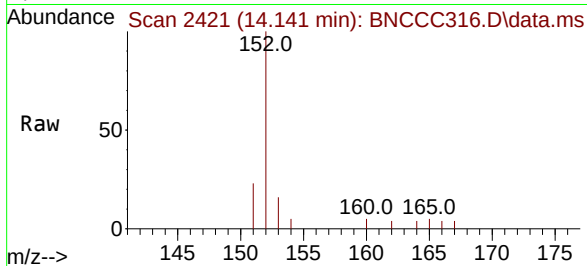




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.141 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

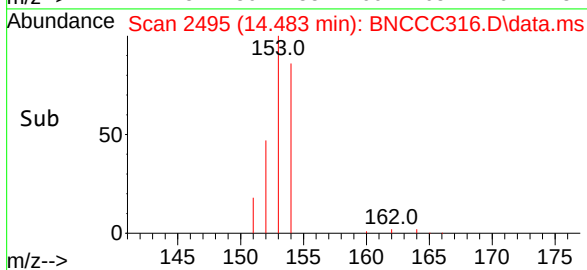
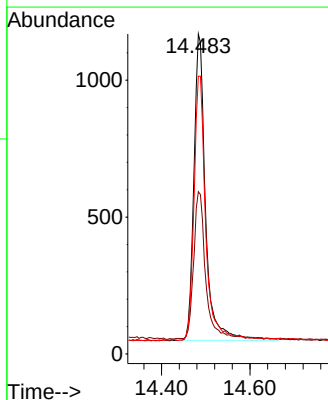
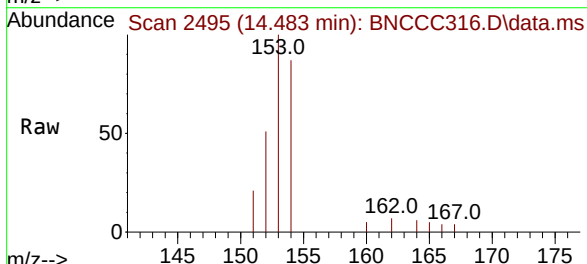
Instrument :
BNA_N
ClientSampleId :

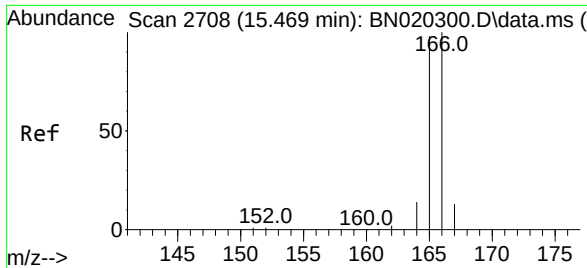
Tgt Ion:152 Resp: 2567
Ion Ratio Lower Upper
152 100
151 22.6 17.2 25.8
153 16.1 11.7 17.5



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

Tgt Ion:153 Resp: 2048
Ion Ratio Lower Upper
153 100
152 50.7 39.9 59.9
154 86.8 69.2 103.8

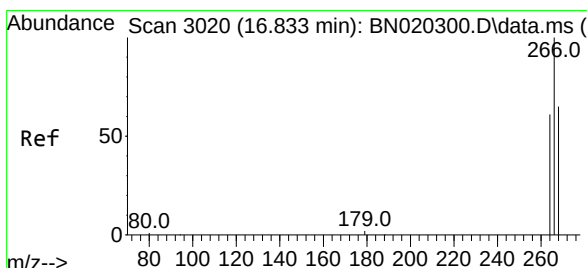
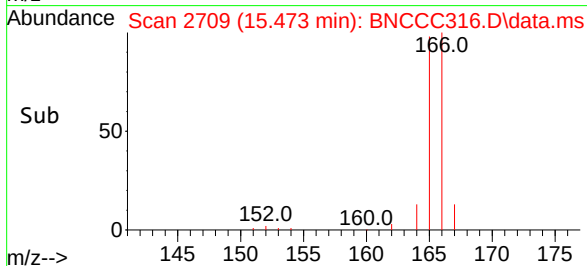
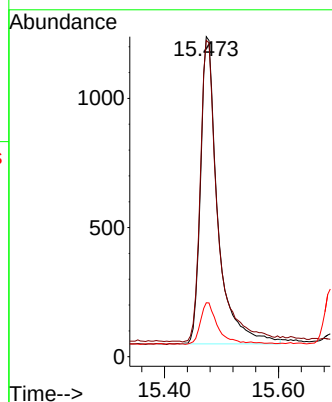
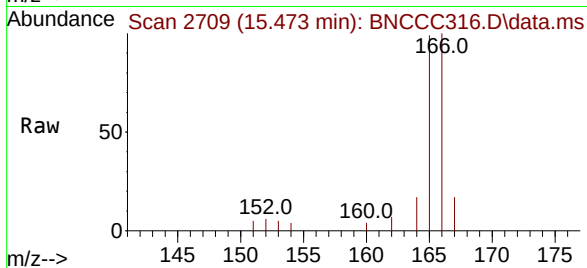




#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.473 min Scan# 21
Delta R.T. -0.000 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

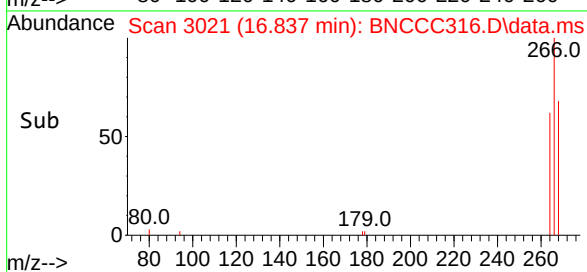
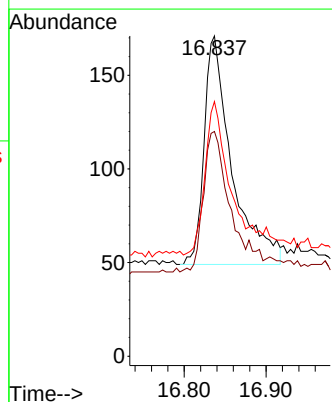
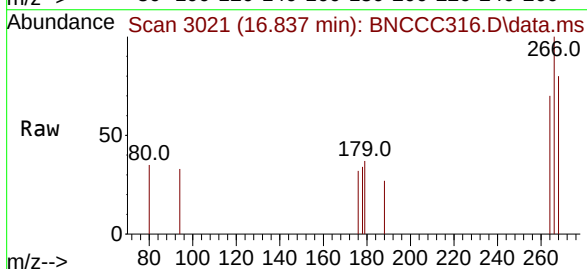
Instrument :
BNA_N
ClientSampleId :

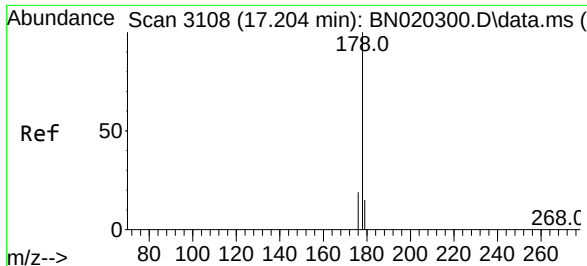
Tgt Ion:166 Resp: 2497
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.4
167 16.9 12.1 18.1



#14
Pentachlorophenol
Concen: 0.382 ng/ul
RT: 16.837 min Scan# 3021
Delta R.T. -0.000 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

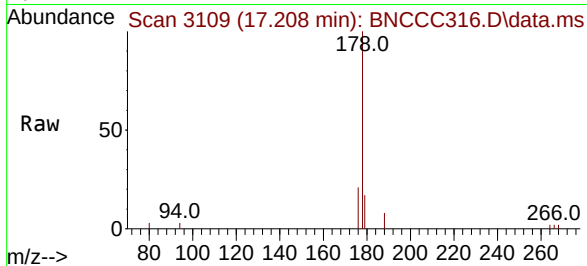
Tgt Ion:266 Resp: 288
Ion Ratio Lower Upper
266 100
264 62.8 49.8 74.8
268 66.0 51.8 77.6



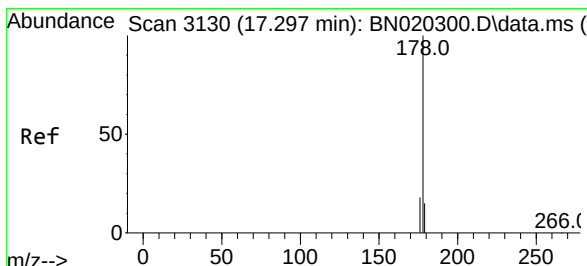
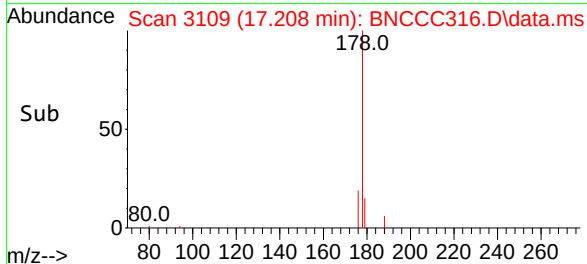
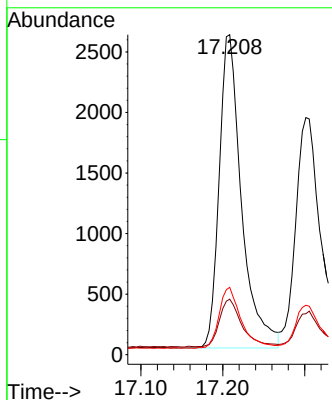


#15
Phenanthrene
Concen: 0.344 ng/u1
RT: 17.208 min Scan# 3109
Delta R.T. 0.004 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

Instrument :
BNA_N
ClientSampleId :

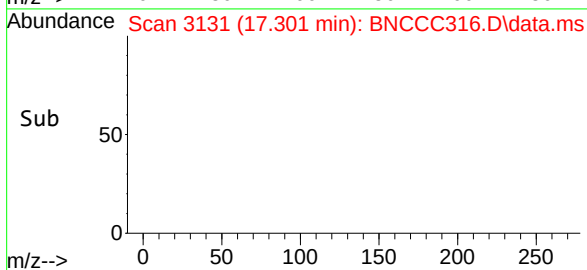
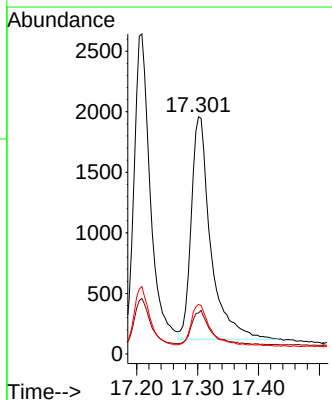
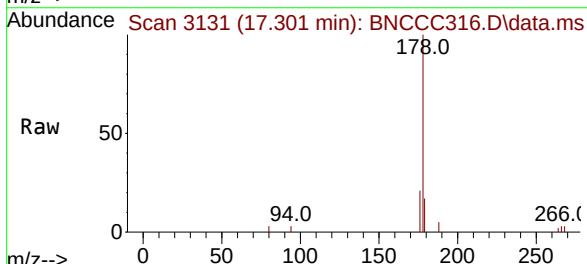


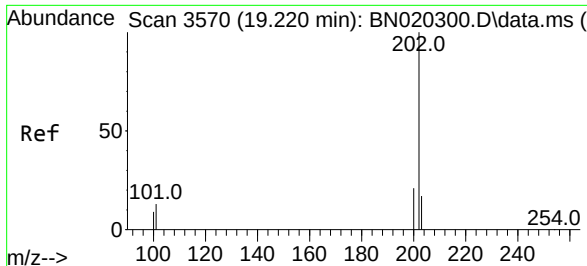
Tgt Ion:178 Resp: 4898
Ion Ratio Lower Upper
178 100
179 17.4 13.4 20.0
176 21.1 15.8 23.6



#16
Anthracene
Concen: 0.339 ng/u1
RT: 17.301 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

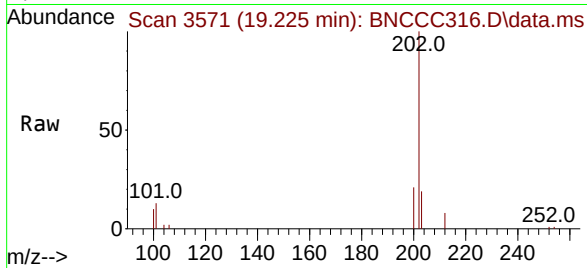
Tgt Ion:178 Resp: 4081
Ion Ratio Lower Upper
178 100
179 17.3 13.8 20.8
176 20.9 15.6 23.4



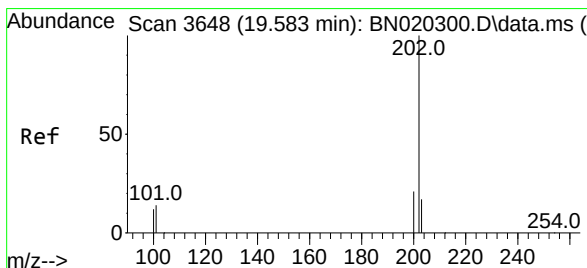
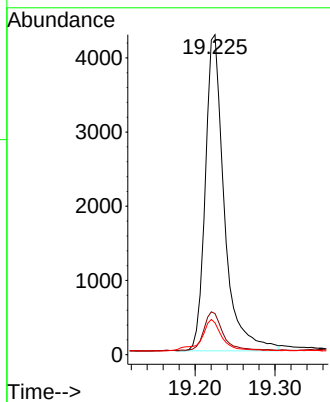
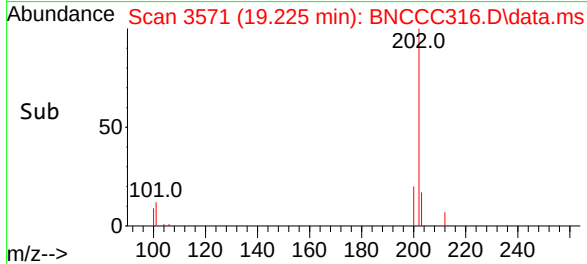


#19
Fluoranthene
Concen: 0.258 ng/u1
RT: 19.225 min Scan# 3571
Delta R.T. -0.000 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

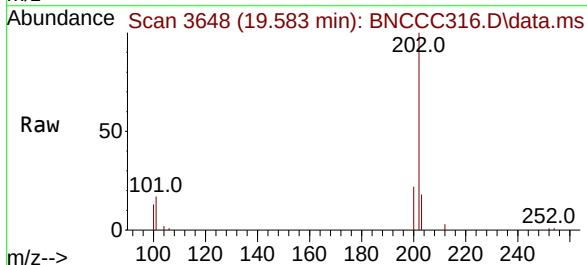
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BNA_N
ClientSampleId :



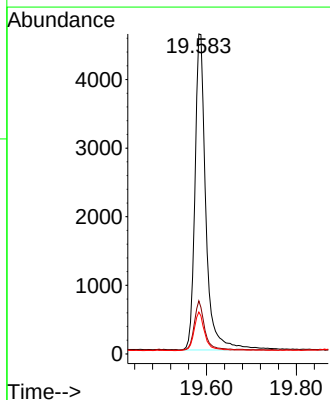
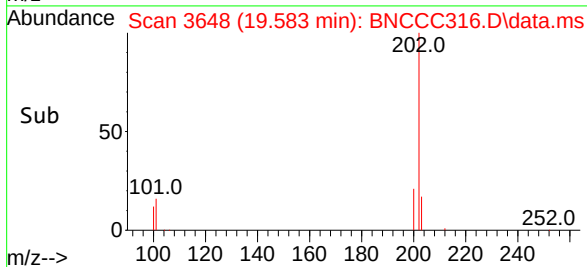
Tgt Ion:202 Resp: 7042
Ion Ratio Lower Upper
202 100
101 12.9 9.9 14.9
100 9.9 7.6 11.4

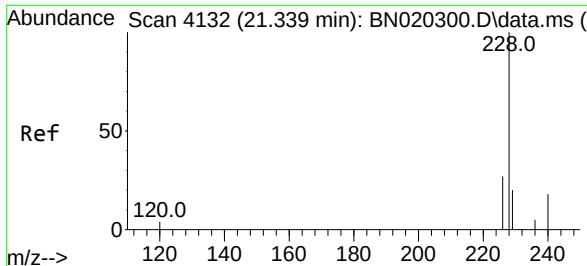


#20
Pyrene
Concen: 0.264 ng/u1
RT: 19.583 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52



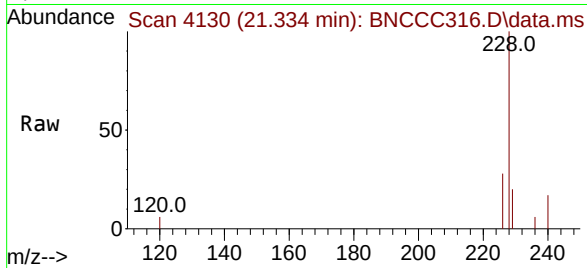
Tgt Ion:202 Resp: 7801
Ion Ratio Lower Upper
202 100
101 16.6 12.6 19.0
100 13.1 10.3 15.5



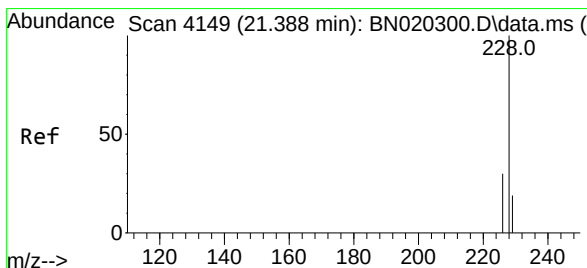
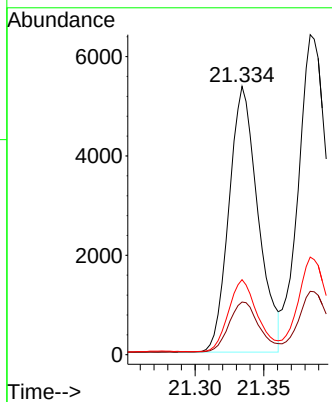
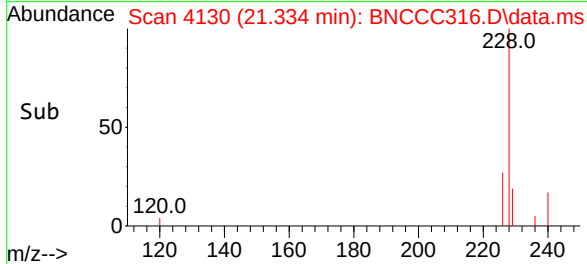


#21
Benzo(a)anthracene
Concen: 0.300 ng/ul
RT: 21.334 min Scan# 4130
Delta R.T. -0.004 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

Instrument :
BNA_N
ClientSampleId :

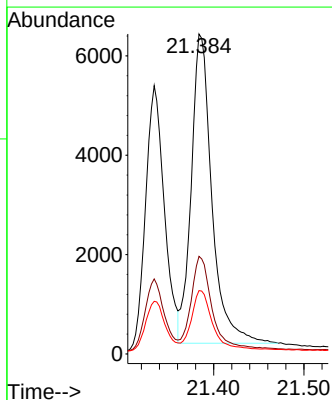
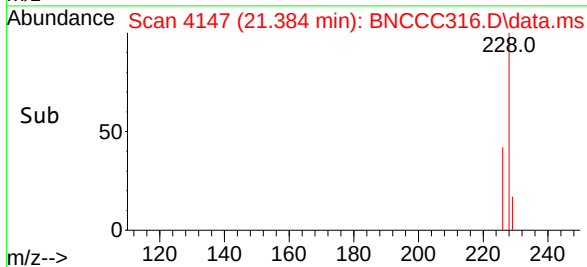
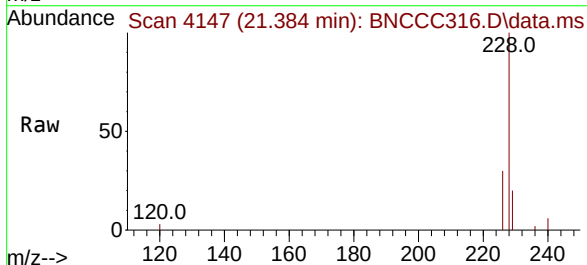


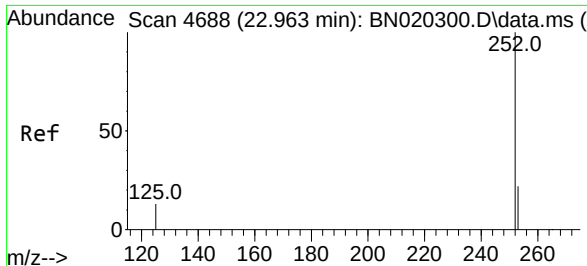
Tgt Ion:228 Resp: 7873
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 28.0 21.8 32.6



#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.384 min Scan# 4147
Delta R.T. -0.004 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

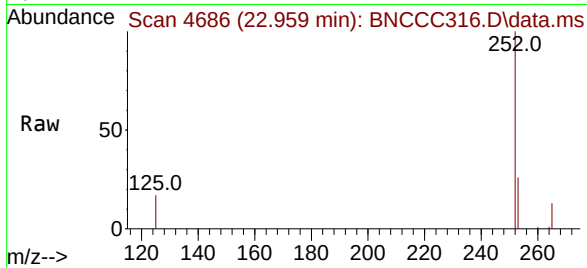
Tgt Ion:228 Resp: 9884
Ion Ratio Lower Upper
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226 30.5 24.7 37.1
229 19.8 16.0 24.0



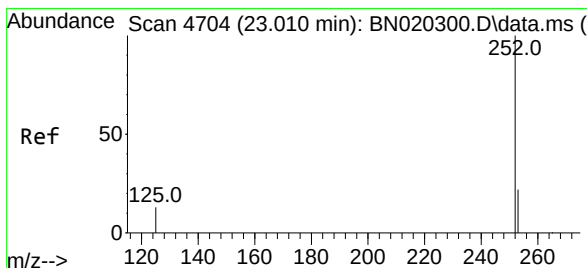
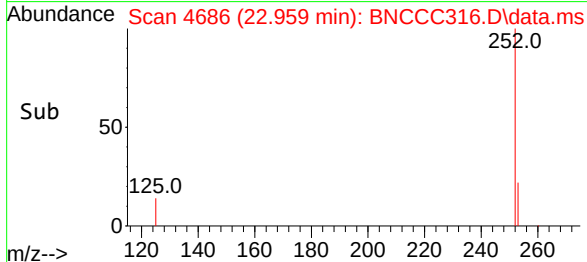
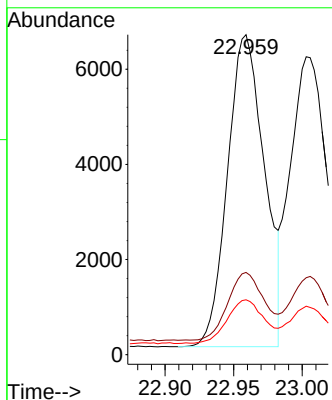


#24
Benzo(b)fluoranthene
Concen: 0.208 ng/ul
RT: 22.959 min Scan# 4686
Delta R.T. -0.007 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

Instrument :
BNA_N
ClientSampleId :

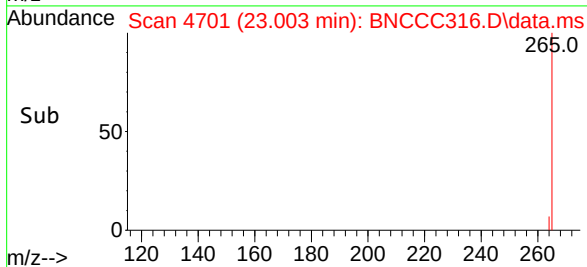
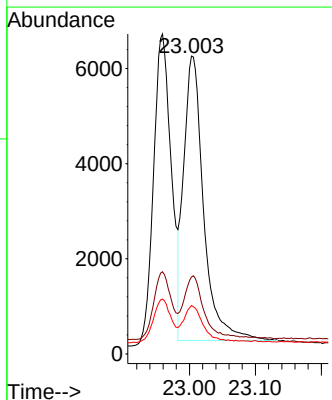
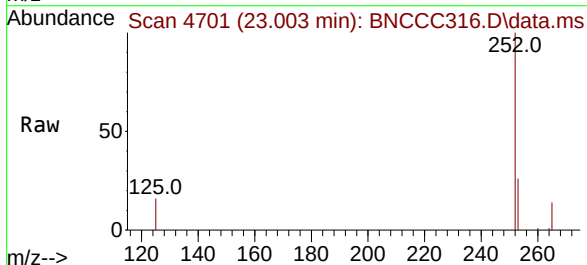


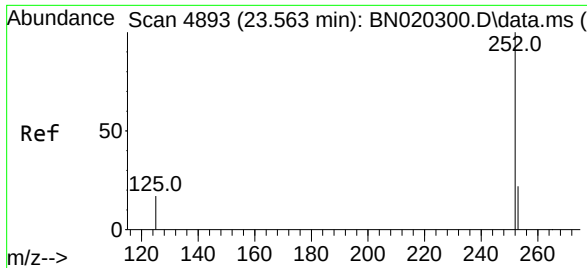
Tgt Ion:252 Resp: 12311
Ion Ratio Lower Upper
252 100
253 25.7 0.0 49.4
125 17.1 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.228 ng/ul
RT: 23.003 min Scan# 4701
Delta R.T. -0.007 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

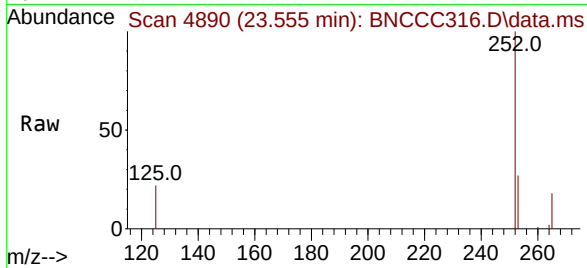
Tgt Ion:252 Resp: 12586
Ion Ratio Lower Upper
252 100
253 25.8 20.2 30.4
125 16.2 12.3 18.5



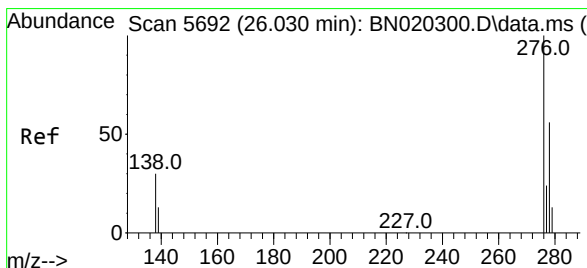
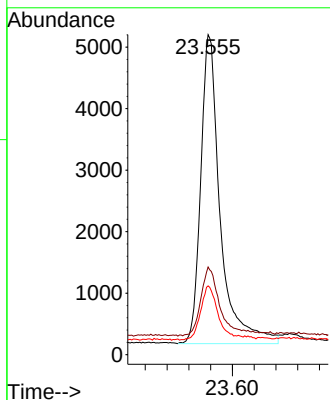
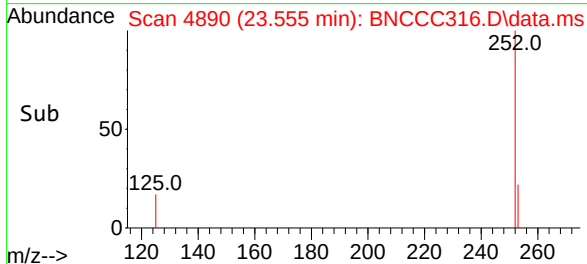


#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.555 min Scan# 4890
Delta R.T. -0.007 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

Instrument :
BNA_N
ClientSampleId :

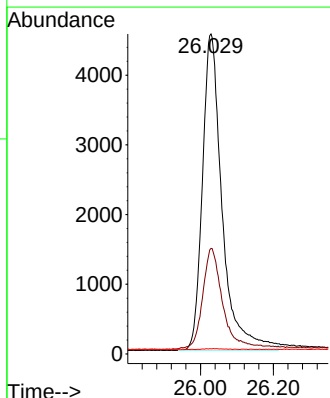
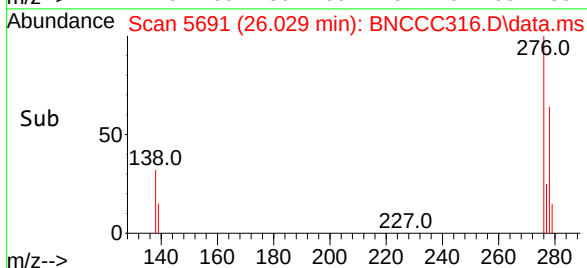
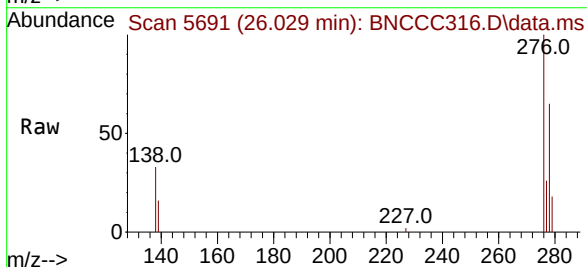


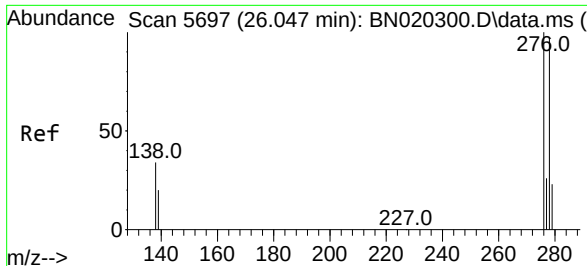
Tgt Ion:252 Resp: 12485
Ion Ratio Lower Upper
252 100
253 27.4 21.7 32.5
125 21.5 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng/ul
RT: 26.029 min Scan# 5691
Delta R.T. -0.012 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

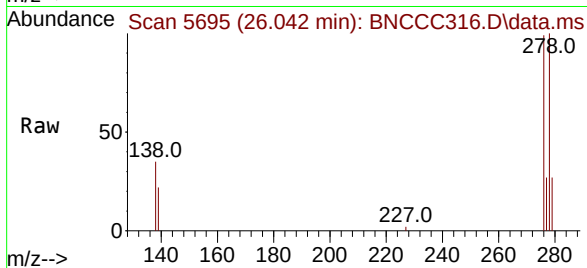
Tgt Ion:276 Resp: 17089
Ion Ratio Lower Upper
276 100
138 32.6 26.5 39.7
227 0.2 0.0 0.0#



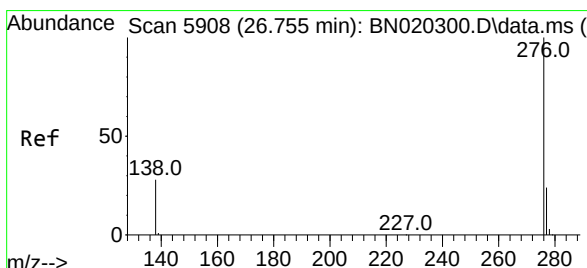
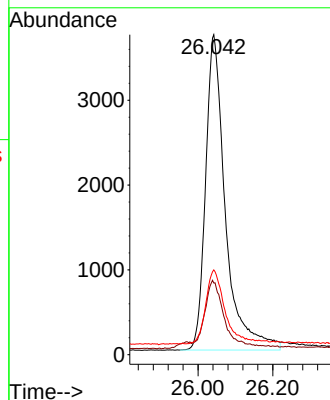
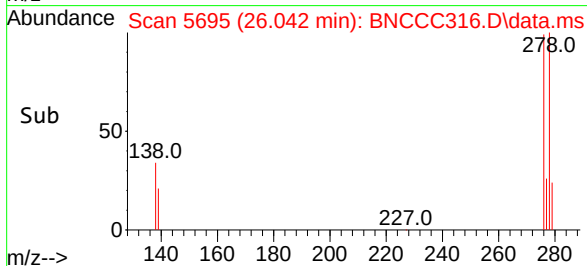


#28
Dibenzo(a,h)anthracene
Concen: 0.282 ng/ul
RT: 26.042 min Scan# 5095
Delta R.T. -0.008 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 13707
Ion Ratio Lower Upper
278 100
139 22.4 18.2 27.2
279 26.5 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.291 ng/ul
RT: 26.750 min Scan# 5906
Delta R.T. -0.015 min
Lab File: BNCCC316.D
Acq: 21 Jun 2022 20:52

Tgt Ion:276 Resp: 15673
Ion Ratio Lower Upper
276 100
138 28.5 23.0 34.4
277 24.5 19.7 29.5

