

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
 Data File : BNCCC513.D
 Acq On : 14 Jul 2023 23:14
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 15 01:56:55 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

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

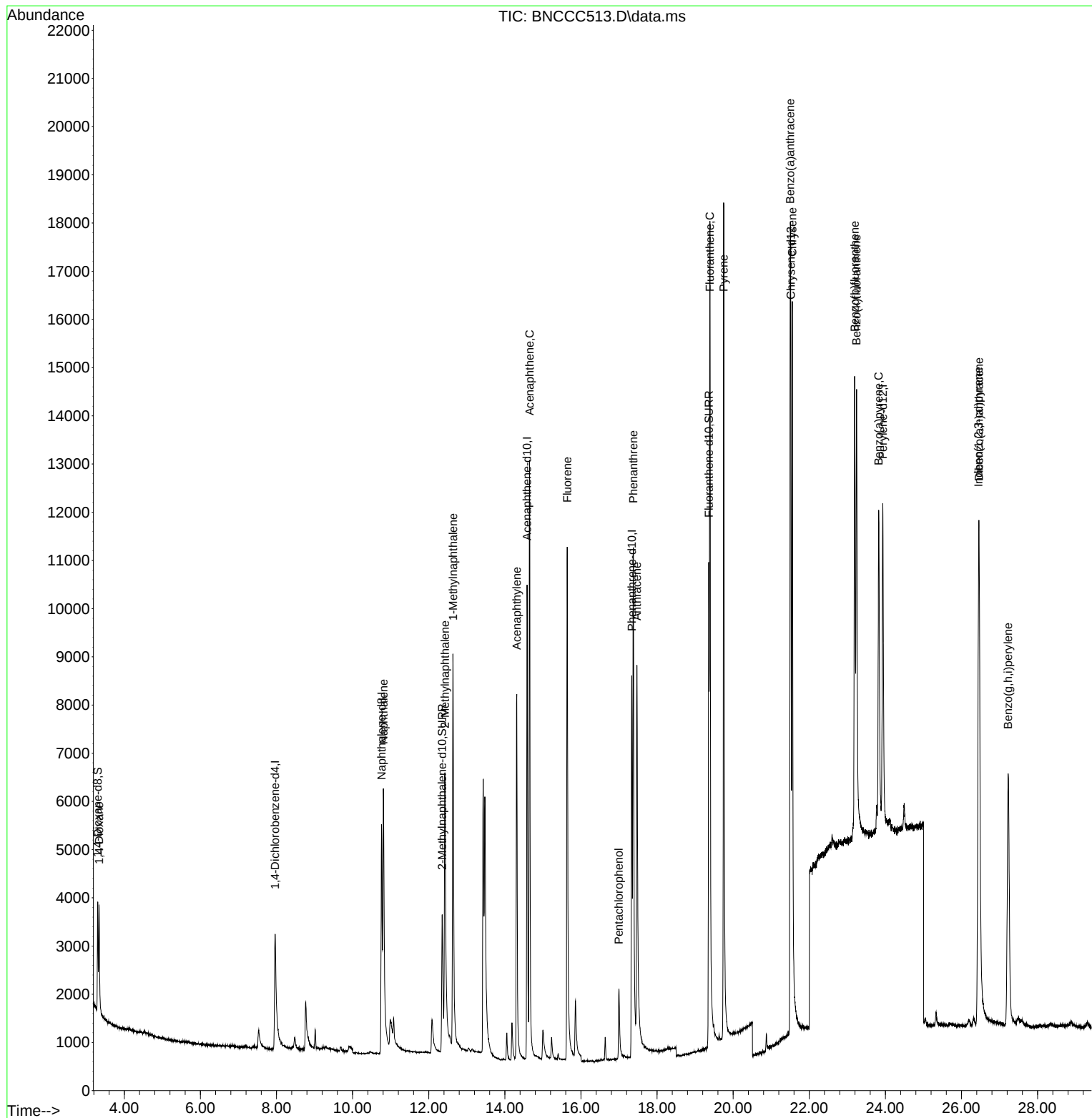
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	2782	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	9842	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.585	164	6164	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	12234	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	10870	0.400	ng/ul	# 0.00
23) Perylene-d12	23.933	264	10406	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1599	0.436	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	5580	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.360	212	14151	0.376	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.339	88	1602	0.462	ng/ul#	92
5) Naphthalene	10.809	128	10529	0.390	ng/ul	98
7) 2-Methylnaphthalene	12.425	142	6116	0.399	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	6855	0.417	ng/ul	100
10) Acenaphthylene	14.312	152	11159	0.370	ng/ul	98
11) Acenaphthene	14.650	153	8534	0.371	ng/ul	98
12) Fluorene	15.640	166	9256	0.384	ng/ul	97
14) Pentachlorophenol	16.997	266	1477	0.479	ng/ul	99
15) Phenanthrene	17.377	178	14204	0.365	ng/ul	98
16) Anthracene	17.470	178	12999	0.384	ng/ul	97
19) Fluoranthene	19.387	202	17742	0.348	ng/ul	98
20) Pyrene	19.750	202	19368	0.350	ng/ul	99
21) Benzo(a)anthracene	21.501	228	15076	0.377	ng/ul	98
22) Chrysene	21.553	228	15807	0.348	ng/ul	99
24) Benzo(b)fluoranthene	23.193	252	14101	0.348	ng/ul	96
25) Benzo(k)fluoranthene	23.243	252	15118	0.356	ng/ul	96
26) Benzo(a)pyrene	23.824	252	12891	0.357	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.451	276	16786	0.355	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.461	278	13303	0.366	ng/ul#	90
29) Benzo(g,h,i)perylene	27.226	276	14252	0.341	ng/ul#	91

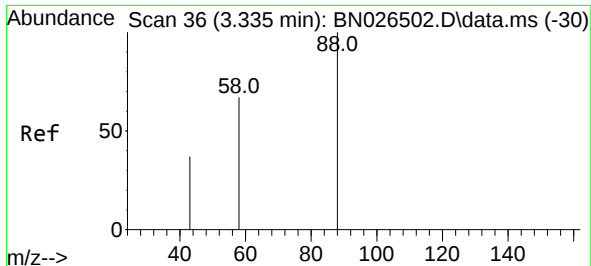
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
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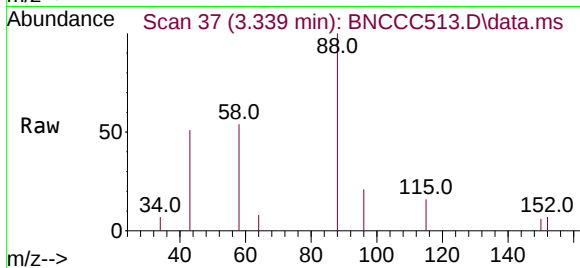
Quant Time: Jul 15 01:56:55 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration



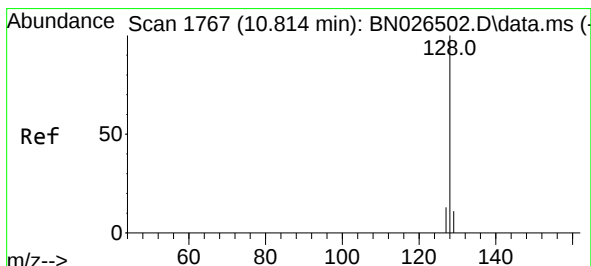
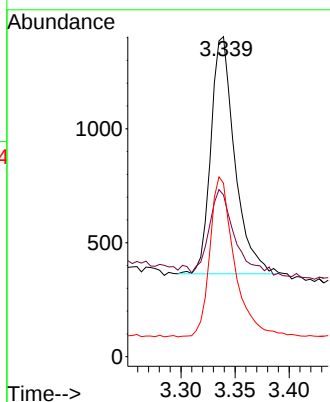
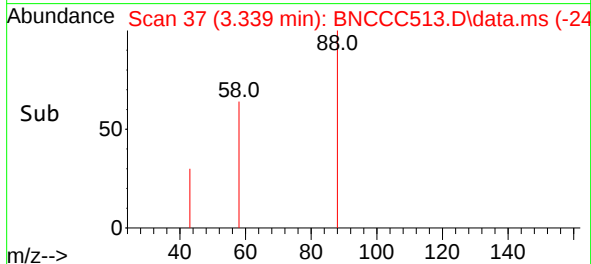


#2
1,4-Dioxane
Concen: 0.462 ng/ul
RT: 3.339 min Scan# 31
Delta R.T. 0.004 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

Instrument :
BNA_N
ClientSampleId :

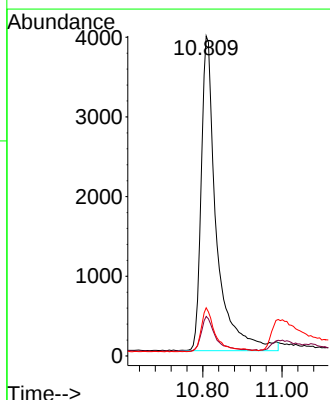
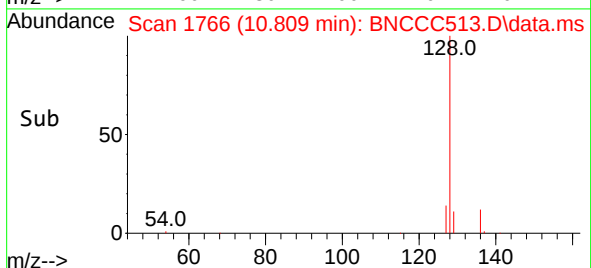
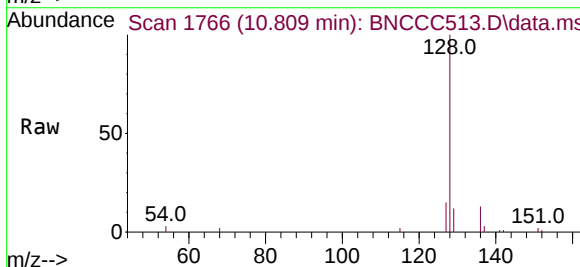


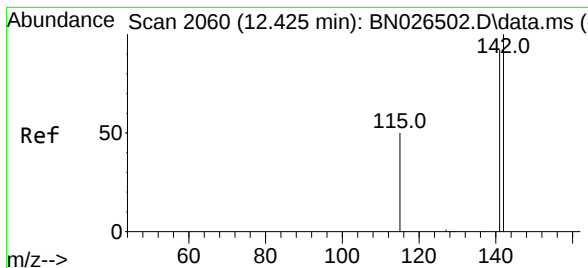
Tgt Ion: 88 Resp: 1602
Ion Ratio Lower Upper
88 100
43 50.6 33.0 49.6#
58 54.2 41.7 62.5



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

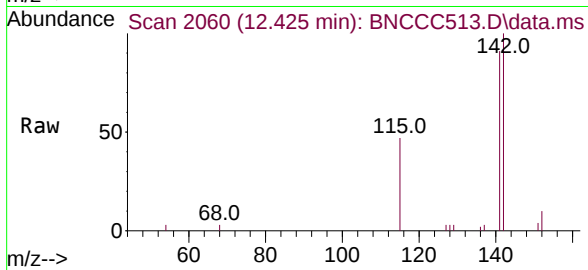
Tgt Ion:128 Resp: 10529
Ion Ratio Lower Upper
128 100
129 12.4 10.2 15.2
127 15.1 11.4 17.0



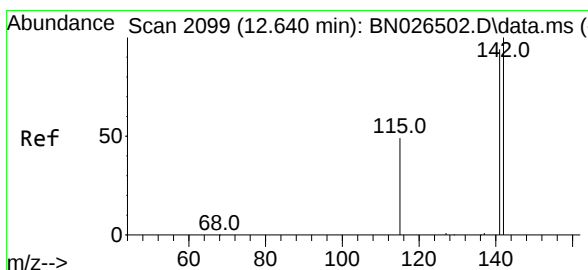
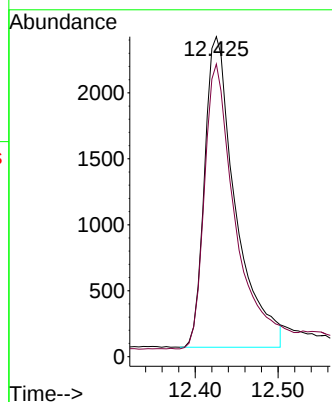
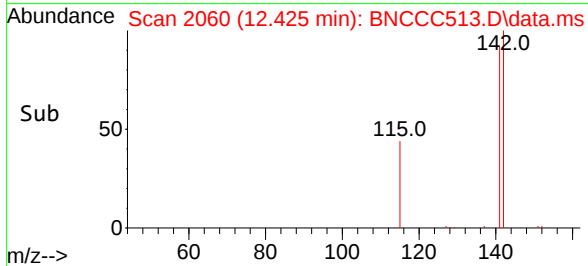


#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

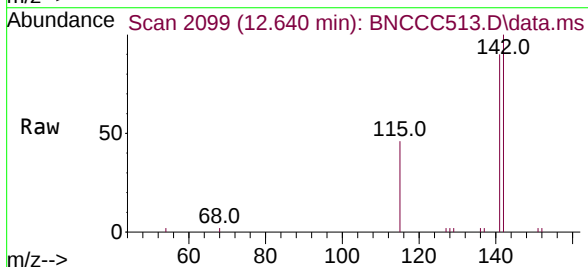
Instrument :
BNA_N
ClientSampleId :



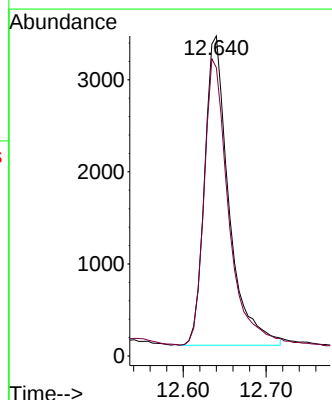
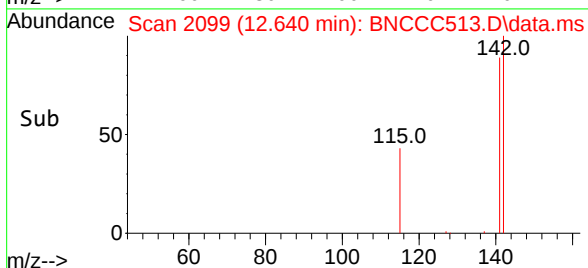
Tgt Ion:142 Resp: 6116
Ion Ratio Lower Upper
142 100
141 91.7 72.3 108.5

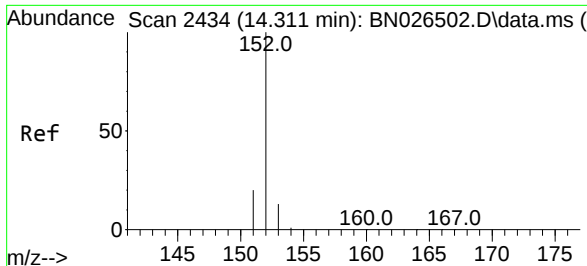


#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14



Tgt Ion:142 Resp: 6855
Ion Ratio Lower Upper
142 100
141 92.9 74.5 111.7

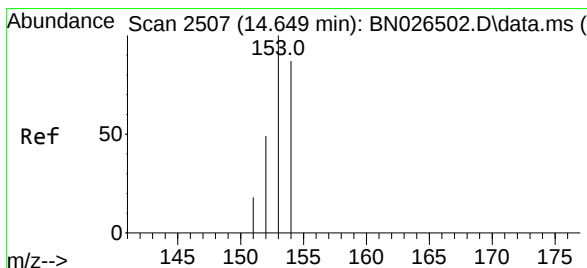
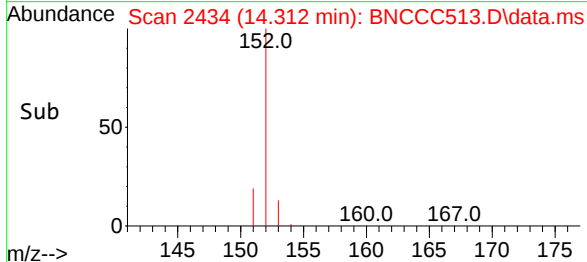
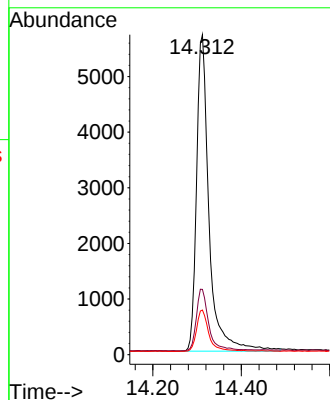
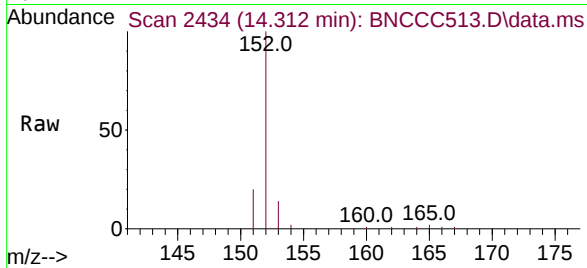




#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.312 min Scan# 2434
Delta R.T. 0.001 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

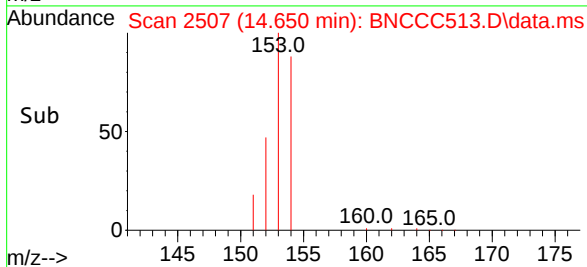
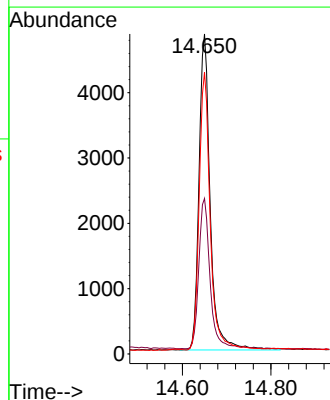
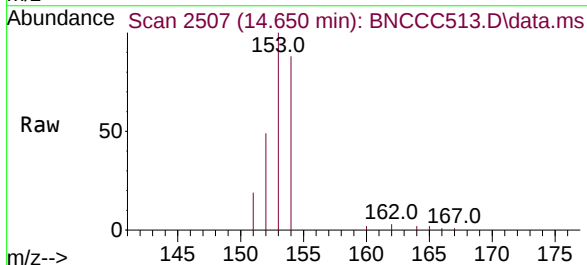
Instrument :
BNA_N
ClientSampleId :

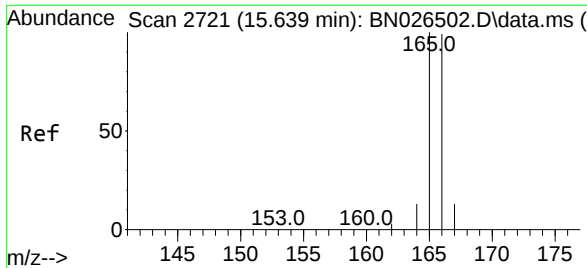
Tgt Ion:152 Resp: 11159
Ion Ratio Lower Upper
152 100
151 20.4 17.0 25.6
153 13.9 11.4 17.2



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.650 min Scan# 2507
Delta R.T. 0.001 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

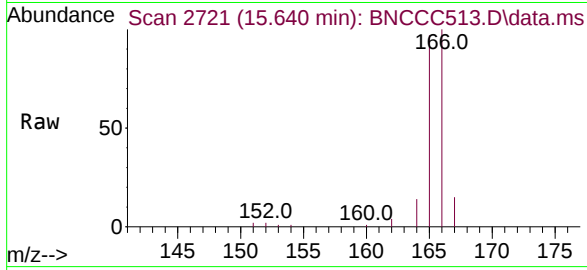
Tgt Ion:153 Resp: 8534
Ion Ratio Lower Upper
153 100
152 48.6 40.2 60.4
154 88.1 69.3 103.9



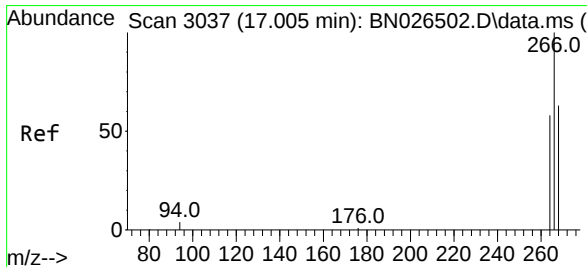
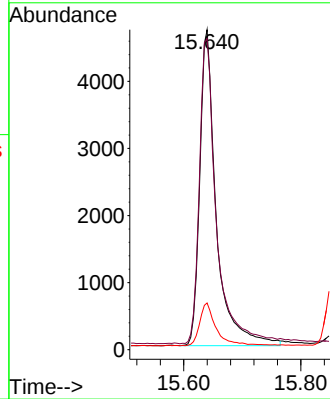
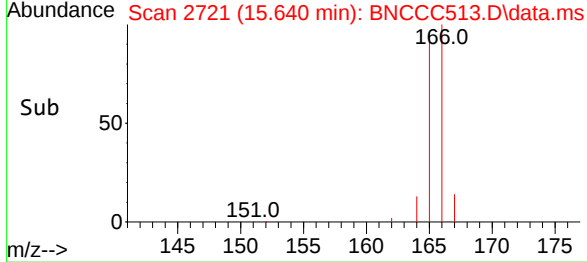


#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.640 min Scan# 21
Delta R.T. 0.001 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

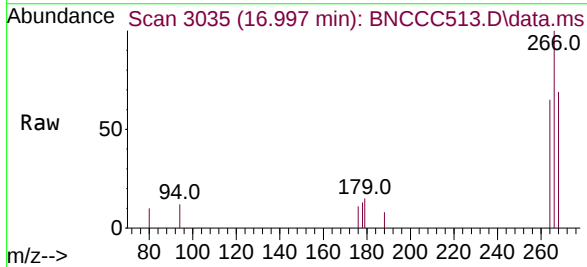
Instrument :
BNA_N
ClientSampleId :



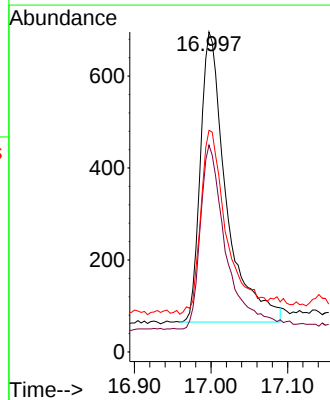
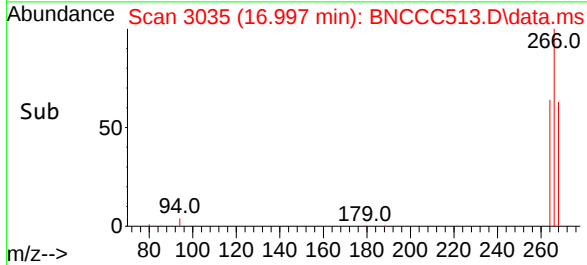
Tgt Ion:166 Resp: 9256
Ion Ratio Lower Upper
166 100
165 97.2 80.6 120.8
167 14.6 12.0 18.0

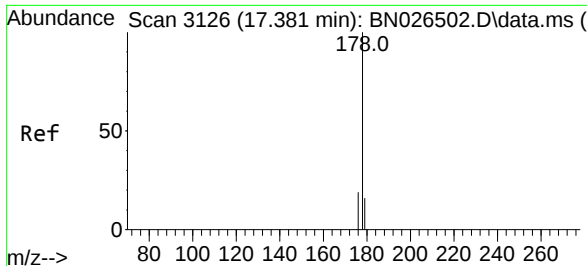


#14
Pentachlorophenol
Concen: 0.479 ng/ul
RT: 16.997 min Scan# 3035
Delta R.T. -0.008 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14



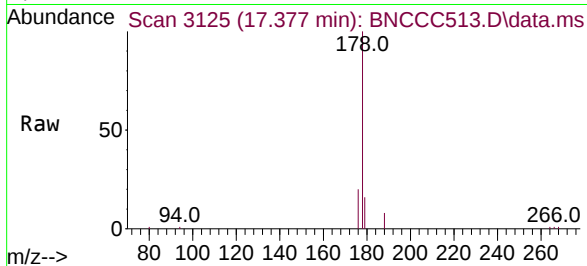
Tgt Ion:266 Resp: 1477
Ion Ratio Lower Upper
266 100
264 62.8 52.0 78.0
268 66.4 53.0 79.6



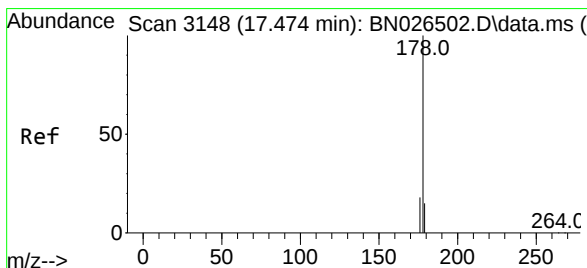
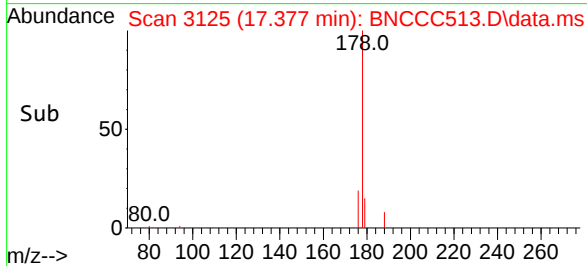
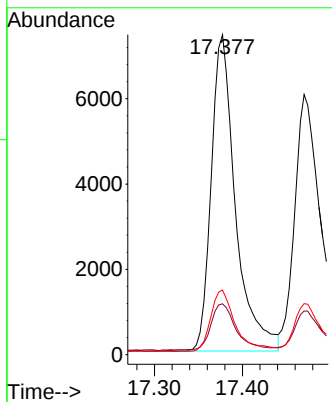


#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 17.377 min Scan# 3125
Delta R.T. -0.003 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

Instrument :
BNA_N
ClientSampleId :

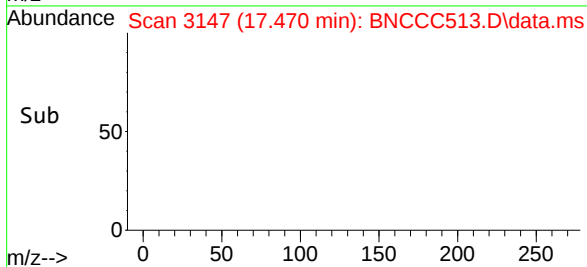
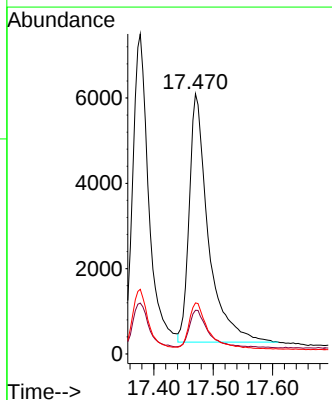
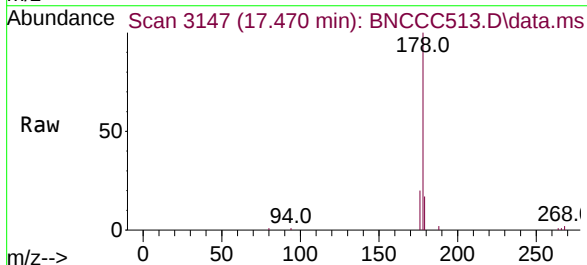


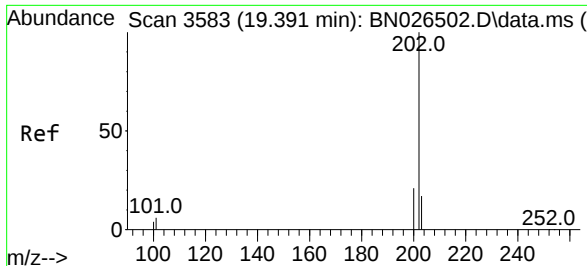
Tgt Ion:178 Resp: 14204
Ion Ratio Lower Upper
178 100
179 15.9 13.7 20.5
176 20.2 16.5 24.7



#16
Anthracene
Concen: 0.384 ng/ul
RT: 17.470 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

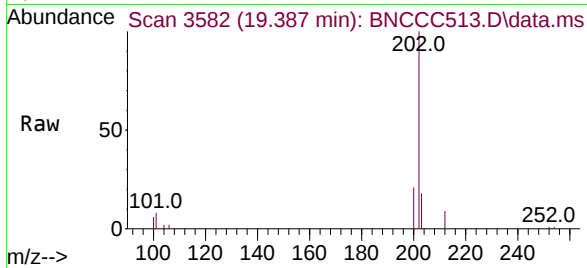
Tgt Ion:178 Resp: 12999
Ion Ratio Lower Upper
178 100
179 16.8 14.8 22.2
176 19.6 16.6 25.0



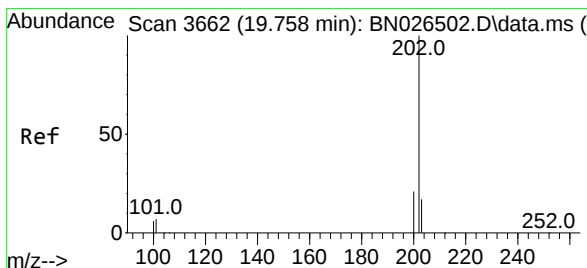
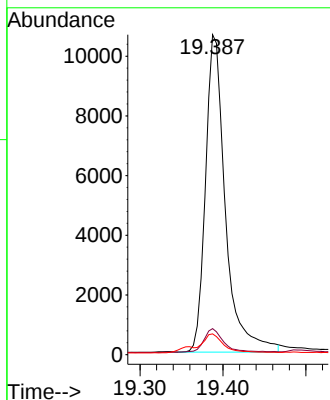
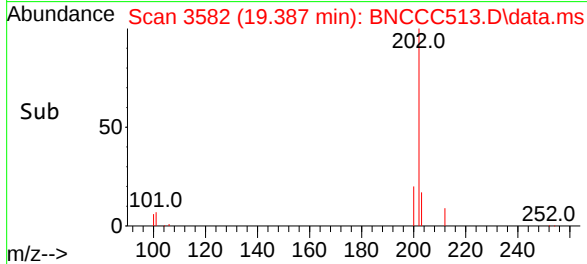


#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.387 min Scan# 31
Delta R.T. -0.004 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

Instrument :
BNA_N
ClientSampleId :

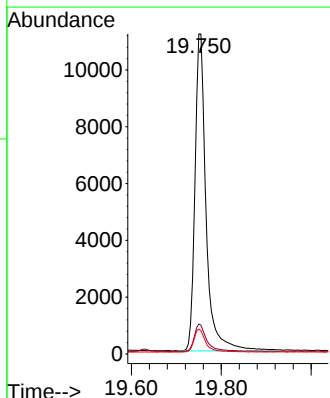
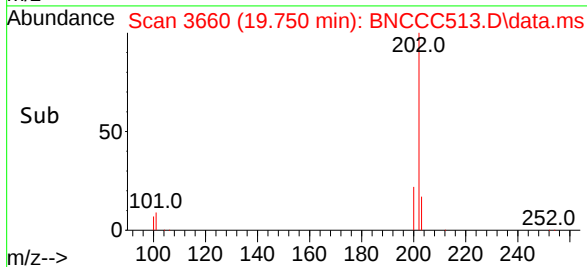
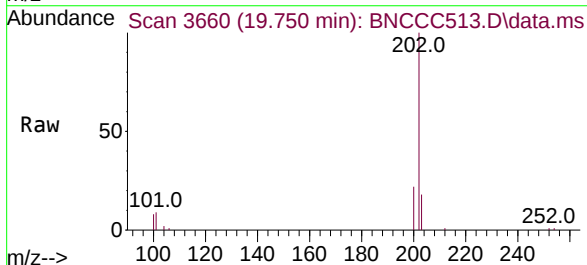


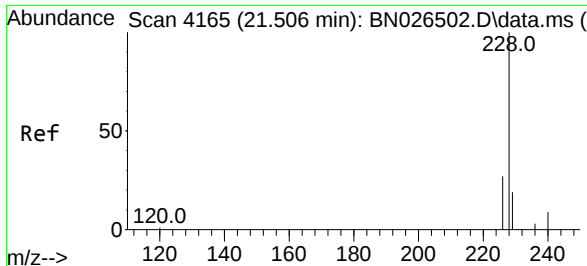
Tgt Ion:202 Resp: 17742
Ion Ratio Lower Upper
202 100
101 8.1 7.0 10.4
100 6.5 6.0 9.0



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.750 min Scan# 3660
Delta R.T. -0.008 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

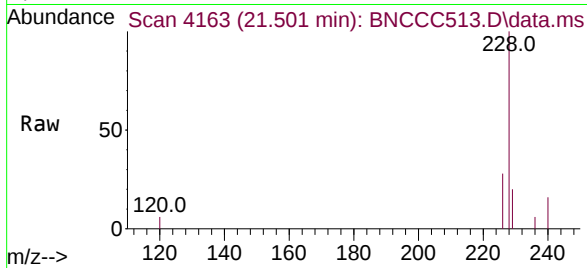
Tgt Ion:202 Resp: 19368
Ion Ratio Lower Upper
202 100
101 9.4 8.0 12.0
100 7.8 6.2 9.2



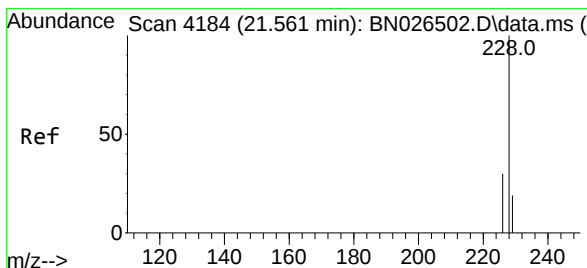
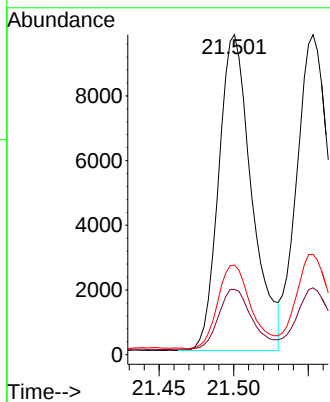
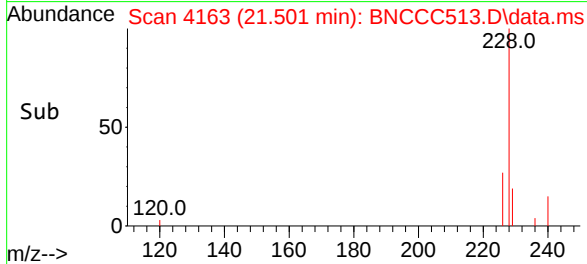


#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.501 min Scan# 4163
Delta R.T. -0.005 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

Instrument :
BNA_N
ClientSampleId :

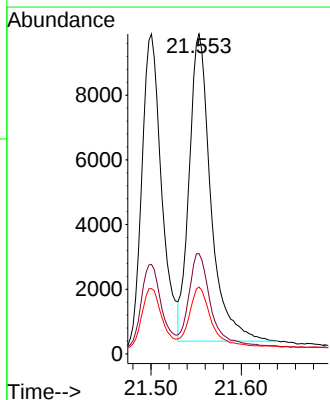
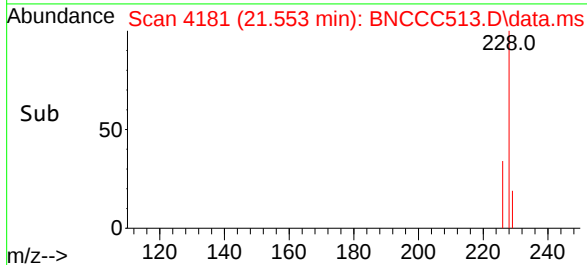
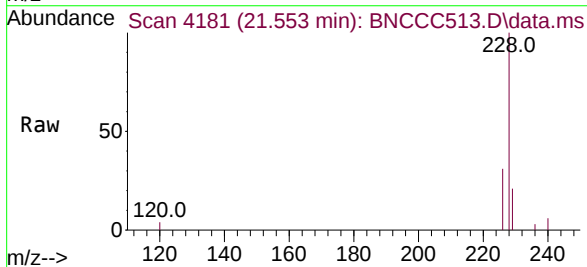


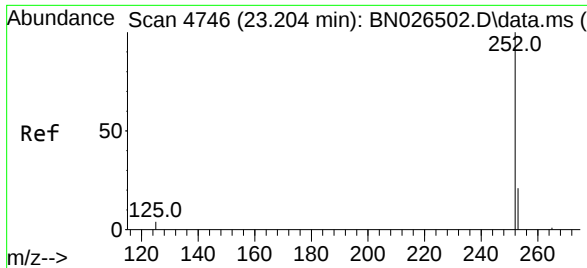
Tgt Ion:228 Resp: 15076
Ion Ratio Lower Upper
228 100
229 20.4 16.7 25.1
226 28.0 23.5 35.3



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.553 min Scan# 4181
Delta R.T. -0.008 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

Tgt Ion:228 Resp: 15807
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 20.9 16.4 24.6

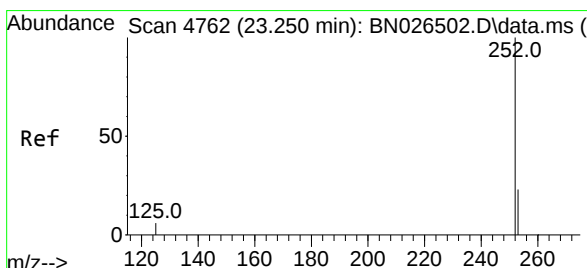
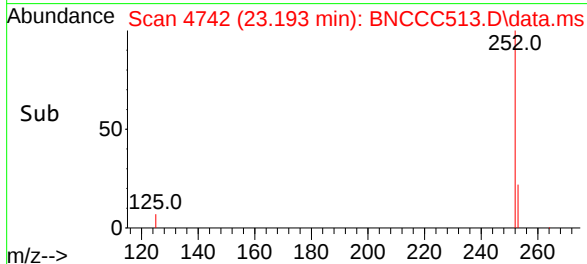
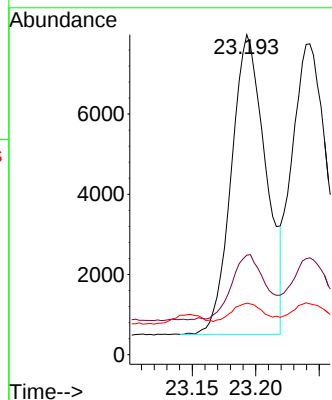
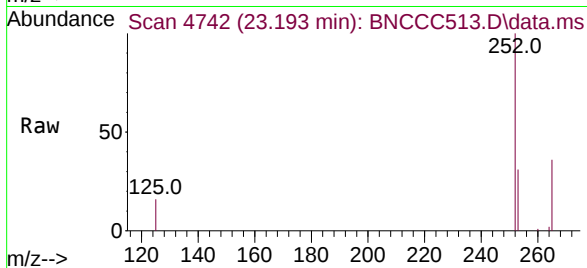




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.193 min Scan# 4742
Delta R.T. -0.011 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

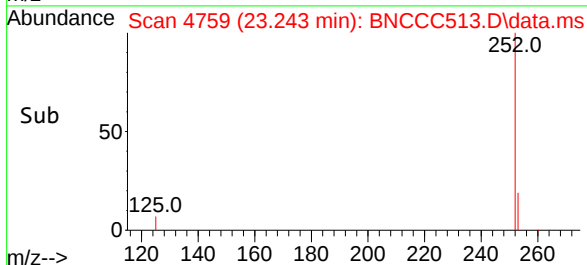
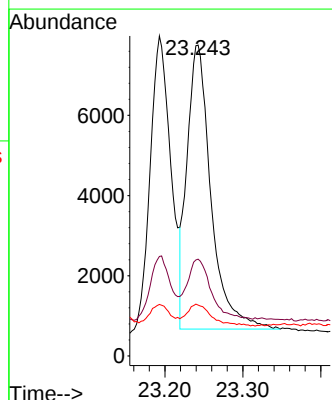
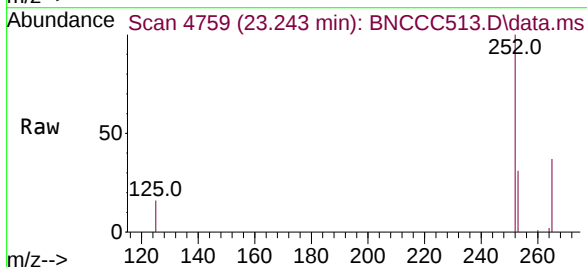
Instrument :
BNA_N
ClientSampleId :

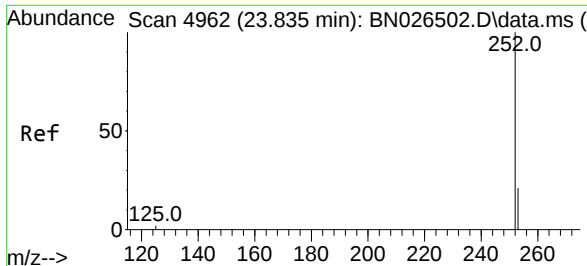
Tgt Ion:252 Resp: 14101
Ion Ratio Lower Upper
252 100
253 31.1 0.0 68.6
125 16.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul
RT: 23.243 min Scan# 4759
Delta R.T. -0.008 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

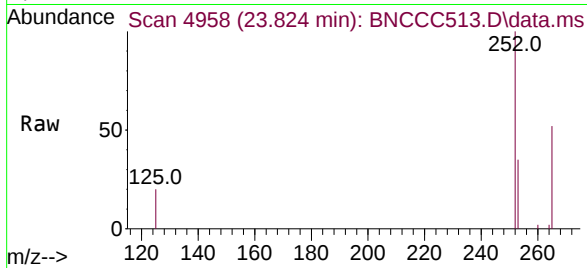
Tgt Ion:252 Resp: 15118
Ion Ratio Lower Upper
252 100
253 31.1 27.2 40.8
125 16.4 13.4 20.2



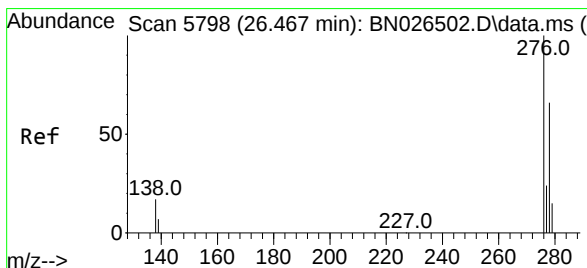
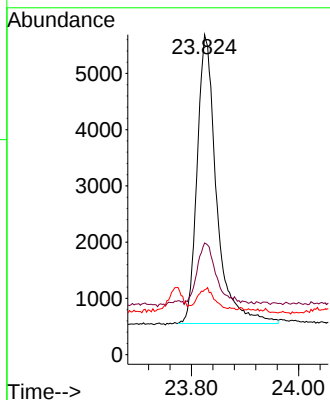
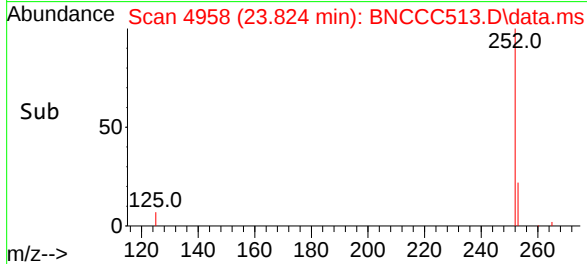


#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.824 min Scan# 4958
Delta R.T. -0.011 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

Instrument :
BNA_N
ClientSampleId :

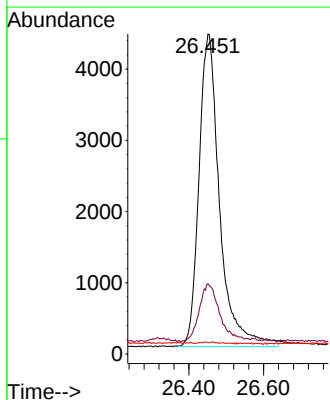
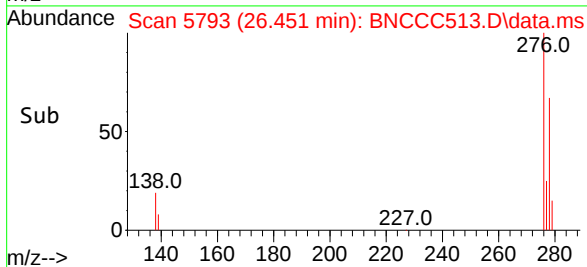
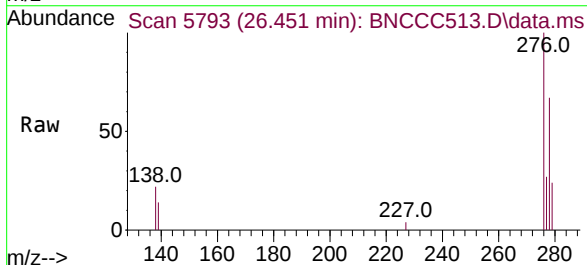


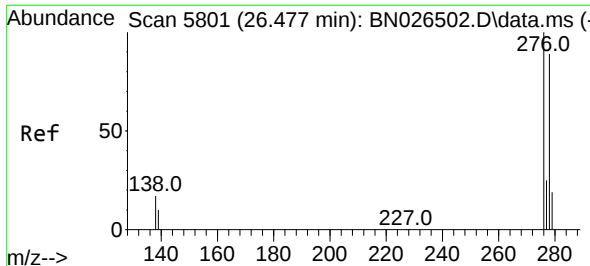
Tgt Ion:	252	Resp:	12891
Ion Ratio	Lower	Upper	
252	100		
253	34.9	32.6	49.0
125	20.3	19.3	28.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.451 min Scan# 5793
Delta R.T. -0.016 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

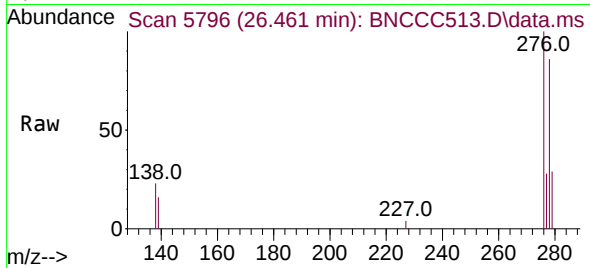
Tgt Ion:	276	Resp:	16786
Ion Ratio	Lower	Upper	
276	100		
138	18.9	22.2	33.4#
227	0.2	0.1	0.1#



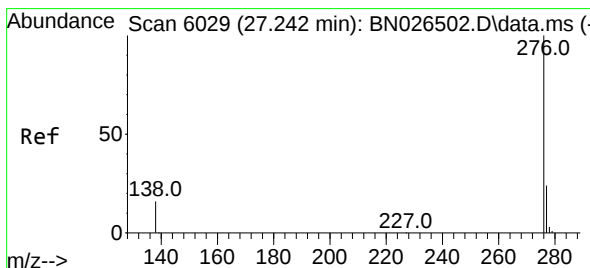
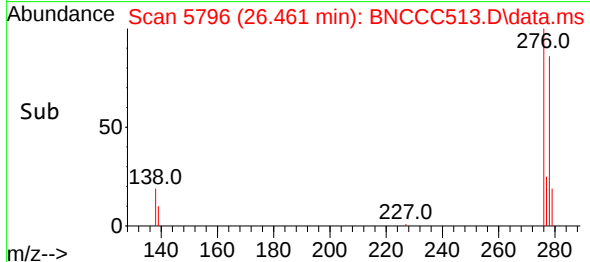
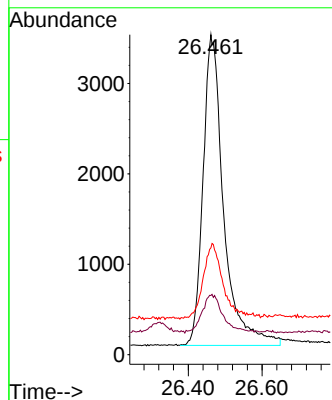


#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 26.461 min Scan# 51
Delta R.T. -0.016 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 13303
Ion Ratio Lower Upper
278 100
139 18.5 18.9 28.3#
279 33.4 31.3 46.9



#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 27.226 min Scan# 6024
Delta R.T. -0.016 min
Lab File: BNCCC513.D
Acq: 14 Jul 2023 23:14

Tgt Ion:276 Resp: 14252
Ion Ratio Lower Upper
276 100
138 19.0 22.6 34.0#
277 27.2 21.8 32.8

