

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BMCCC991.D
 Acq On : 12 Oct 2022 20:09
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 23:14:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

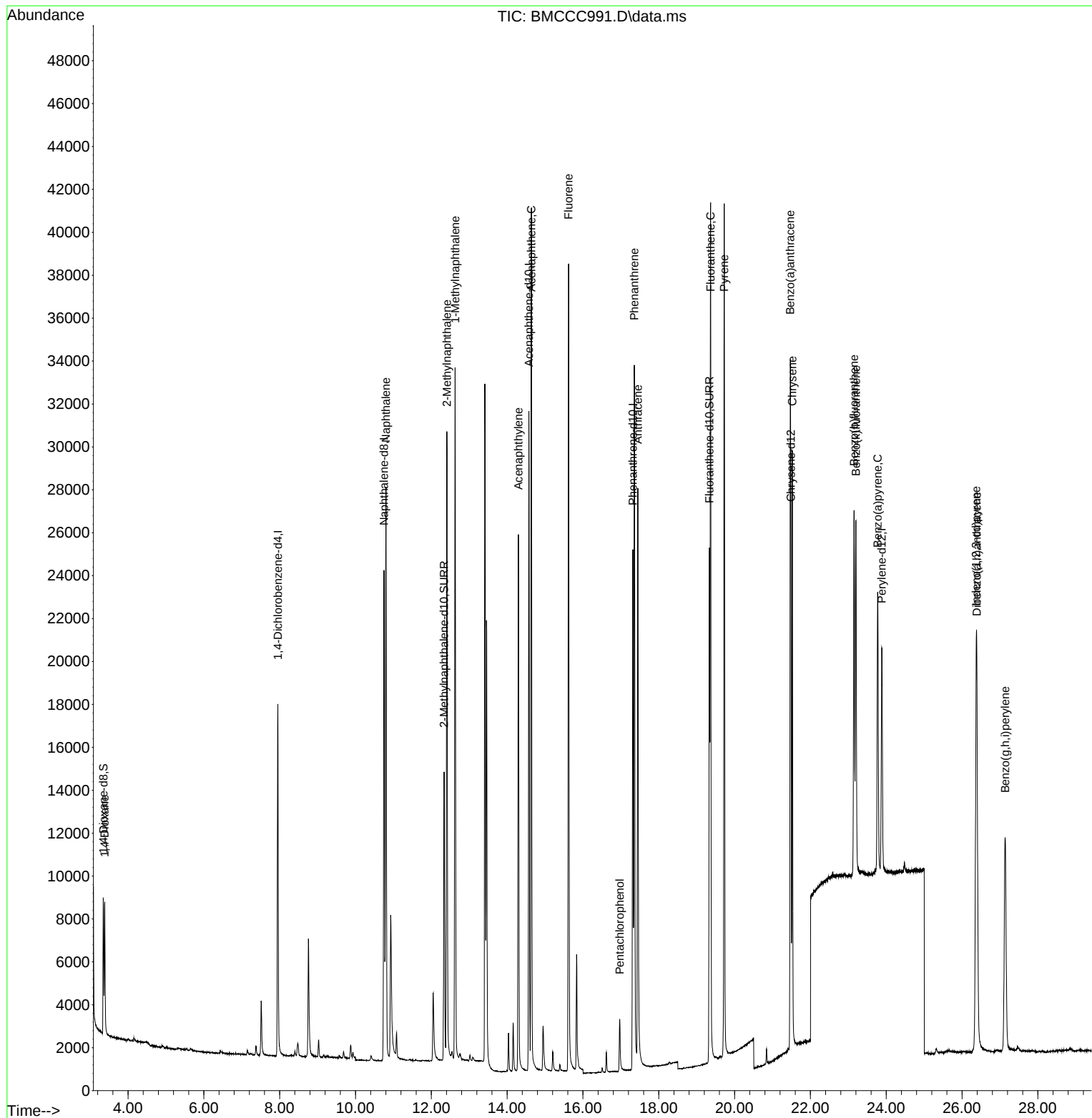
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8731	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	31989	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	17013	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	30651	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	16831	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	14597	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	4102	0.333	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	19061	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	26878	0.534	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	4083	0.339	ng/ul#	87
5) Naphthalene	10.803	128	35725	0.391	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	22303	0.399	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	22578	0.397	ng/ul	100
10) Acenaphthylene	14.297	152	29675	0.420	ng/ul	98
11) Acenaphthene	14.640	153	23711	0.386	ng/ul	98
12) Fluorene	15.621	166	25357	0.365	ng/ul	99
14) Pentachlorophenol	16.971	266	2077	0.280	ng/ul	97
15) Phenanthrene	17.355	178	37289	0.381	ng/ul	99
16) Anthracene	17.448	178	32974	0.403	ng/ul	98
19) Fluoranthene	19.368	202	34842	0.520	ng/ul	97
20) Pyrene	19.726	202	34675	0.497	ng/ul	99
21) Benzo(a)anthracene	21.471	228	24732	0.407	ng/ul	100
22) Chrysene	21.523	228	24486	0.375	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	22564	0.346	ng/ul	96
25) Benzo(k)fluoranthene	23.201	252	22649	0.356	ng/ul	97
26) Benzo(a)pyrene	23.774	252	20374	0.385	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.373	276	27110	0.362	ng/ul	99
28) Dibenzo(a,h)anthracene	26.390	278	21361	0.353	ng/ul	95
29) Benzo(g,h,i)perylene	27.138	276	23043	0.349	ng/ul	99

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

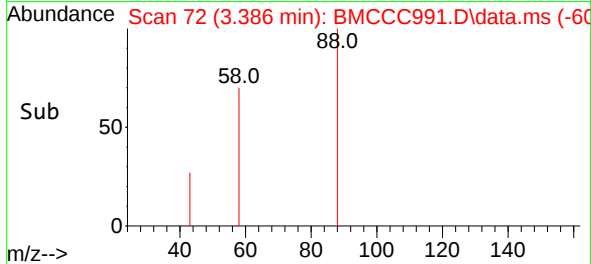
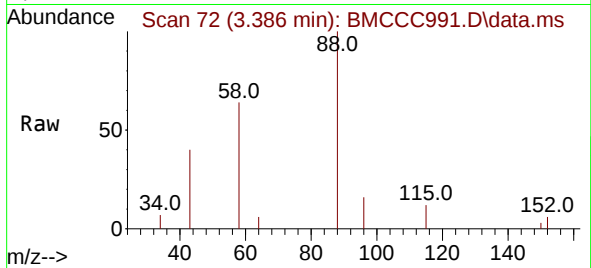
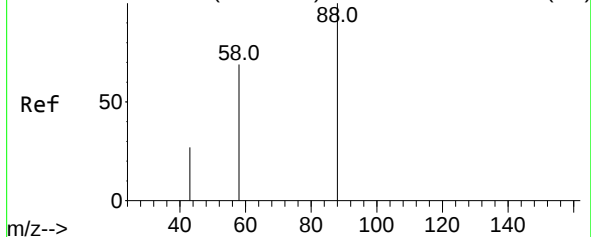
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BMCCC991.D
Acq On : 12 Oct 2022 20:09
Operator : CG/JU
Sample : SSTCCCC0.4
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Time: Oct 12 23:14:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration



Abundance Scan 72 (3.386 min): BM036935.D\data.ms (-62)



#2

1,4-Dioxane

Concen: 0.339 ng/ul

RT: 3.386 min Scan# 71

Delta R.T. 0.000 min

Lab File: BMCCC991.D

Acq: 12 Oct 2022 20:09

Instrument :

BNA_M

ClientSampleId :

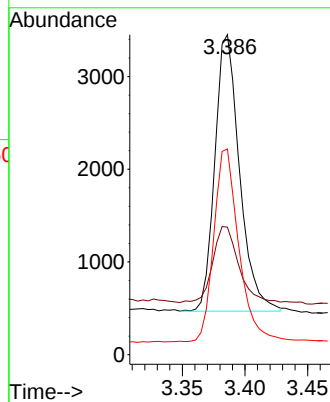
Tgt Ion: 88 Resp: 4083

Ion Ratio Lower Upper

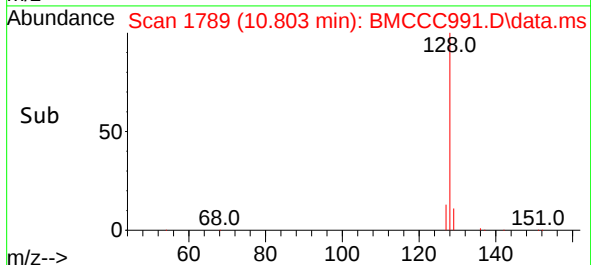
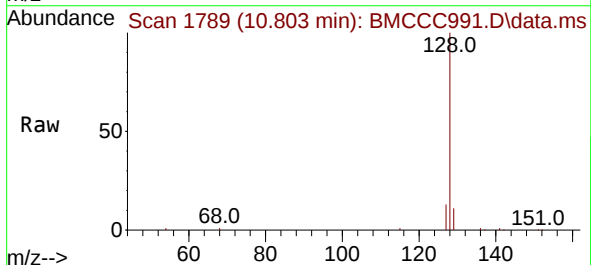
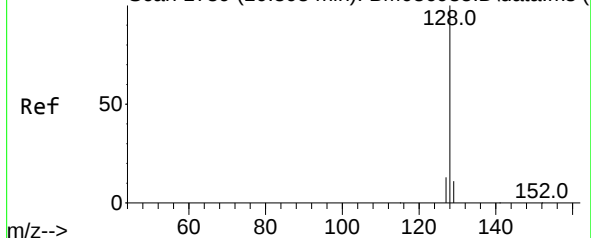
88 100

43 39.8 37.8 56.6

58 64.3 42.6 63.8#



Abundance Scan 1789 (10.803 min): BM036935.D\data.ms (-60)



#5

Naphthalene

Concen: 0.391 ng/ul

RT: 10.803 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BMCCC991.D

Acq: 12 Oct 2022 20:09

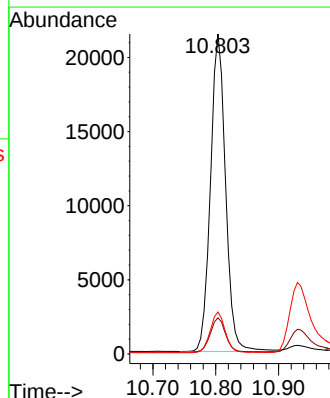
Tgt Ion: 128 Resp: 35725

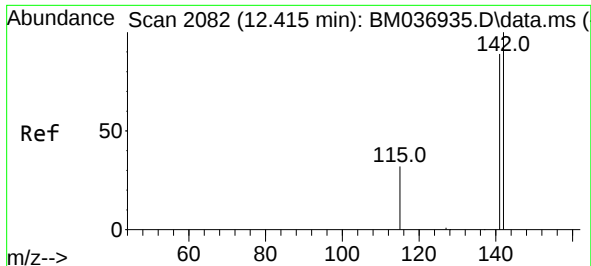
Ion Ratio Lower Upper

128 100

129 11.3 10.2 15.2

127 13.1 11.7 17.5

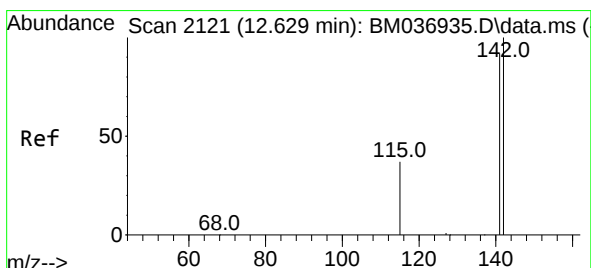
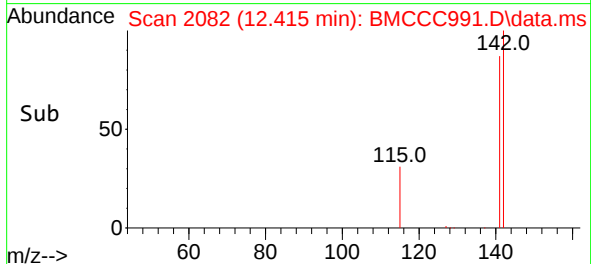
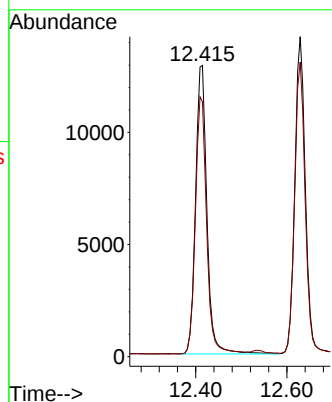
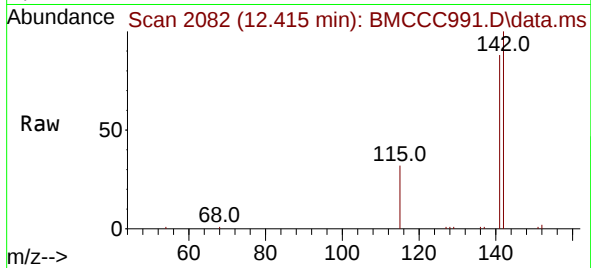




#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

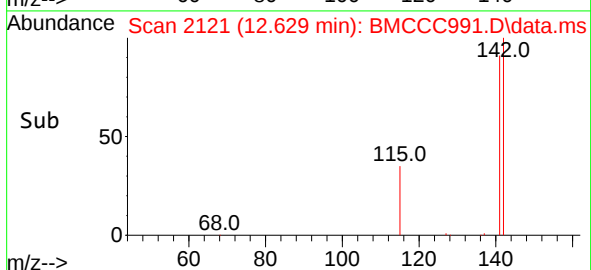
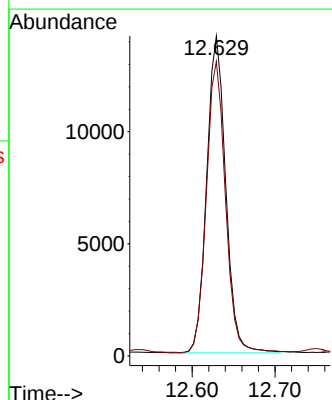
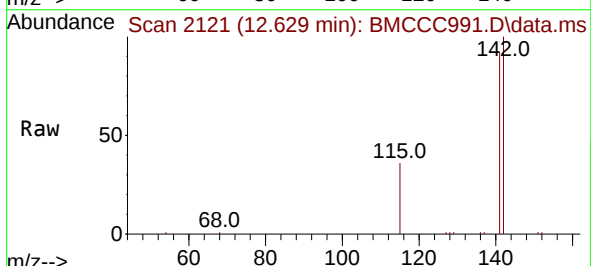
Instrument :
BNA_M
ClientSampleId :

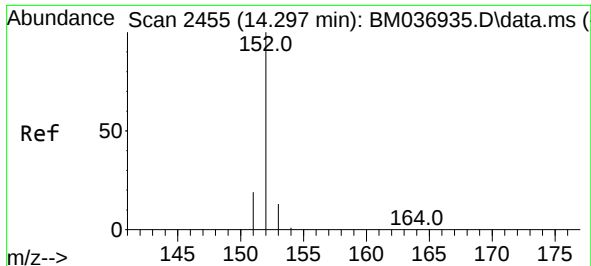
Tgt Ion:142 Resp: 22303
Ion Ratio Lower Upper
142 100
141 88.0 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

Tgt Ion:142 Resp: 22578
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1

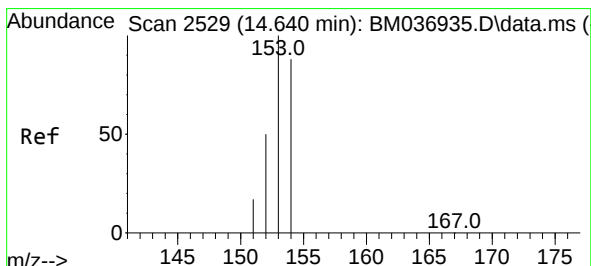
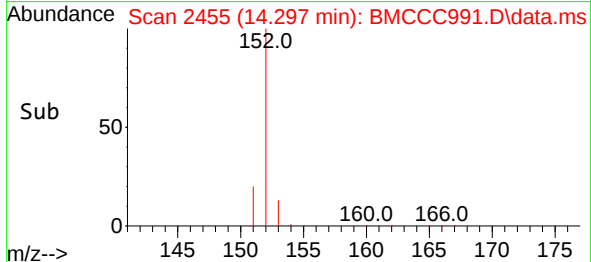
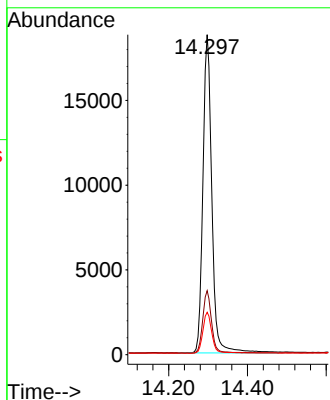
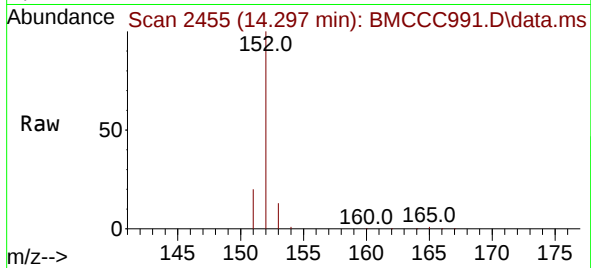




#10
Acenaphthylene
Concen: 0.420 ng/ul
RT: 14.297 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

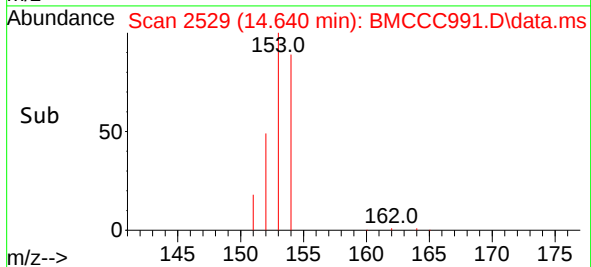
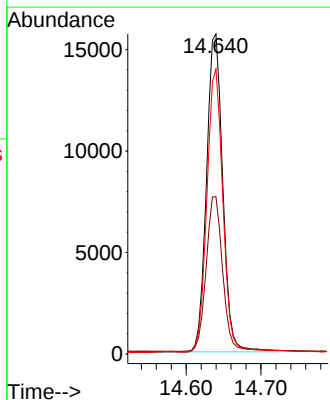
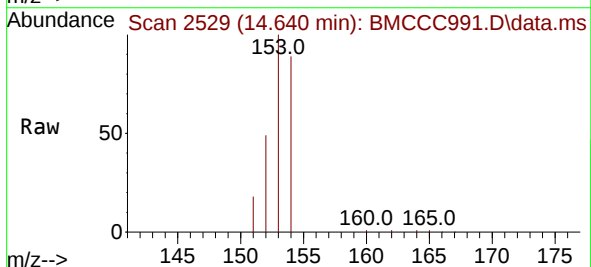
Instrument :
BNA_M
ClientSampleId :

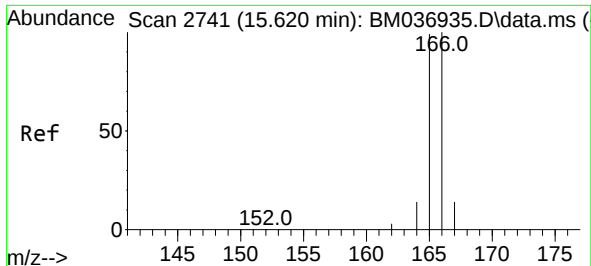
Tgt Ion:152 Resp: 29675
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.2 11.4 17.0



#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

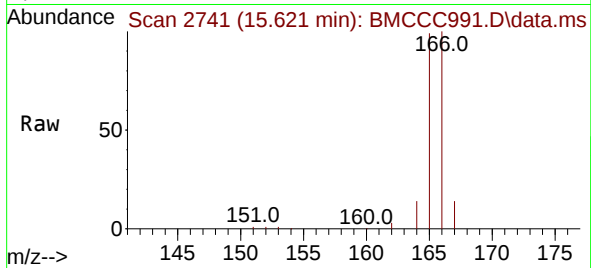
Tgt Ion:153 Resp: 23711
Ion Ratio Lower Upper
153 100
152 49.1 40.2 60.4
154 89.0 69.7 104.5



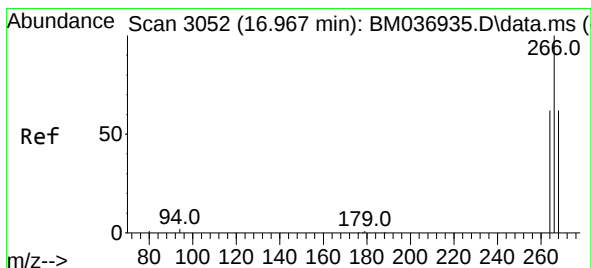
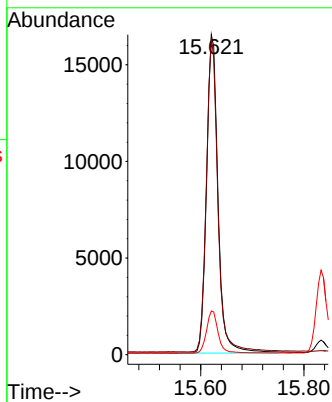
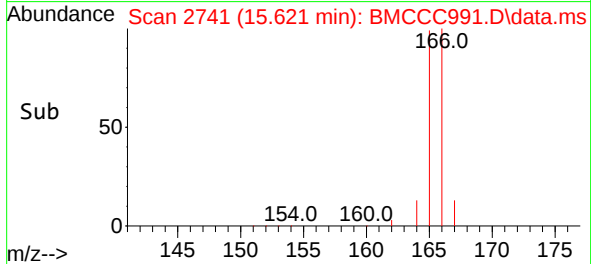


#12
Fluorene
Concen: 0.365 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. 0.000 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

Instrument :
BNA_M
ClientSampleId :

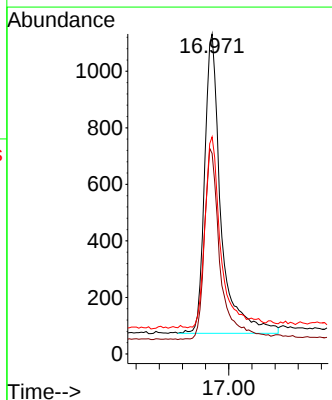
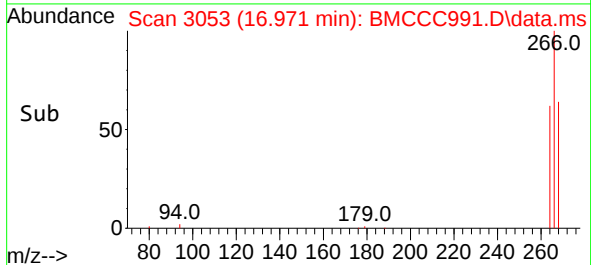
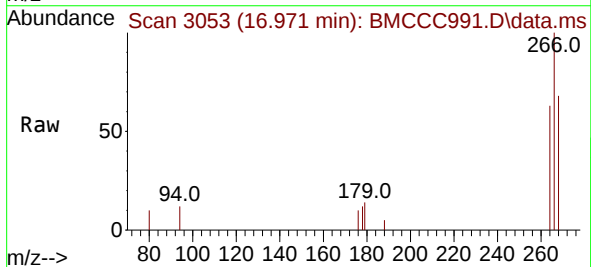


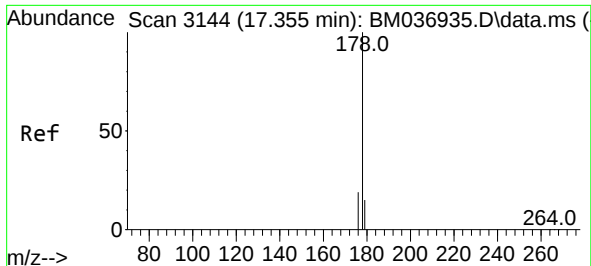
Tgt Ion:166 Resp: 25357
Ion Ratio Lower Upper
166 100
165 99.0 78.9 118.3
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.280 ng/ul
RT: 16.971 min Scan# 3053
Delta R.T. 0.004 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

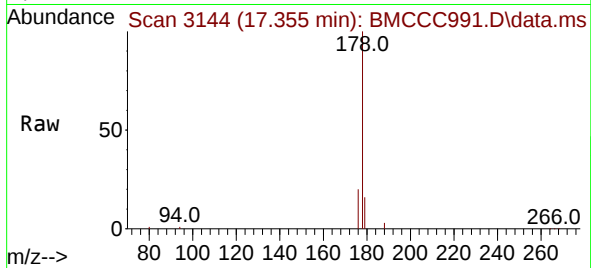
Tgt Ion:266 Resp: 2077
Ion Ratio Lower Upper
266 100
264 62.0 50.3 75.5
268 62.5 53.5 80.3



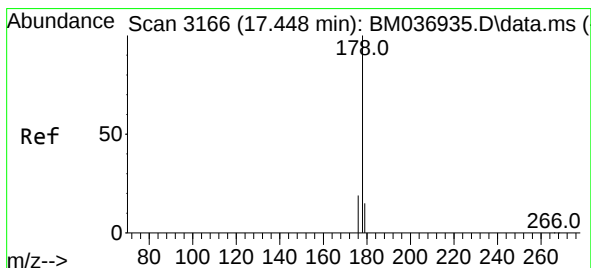
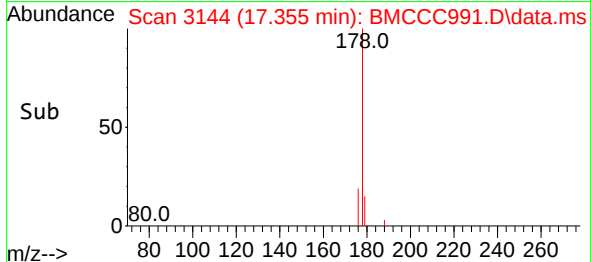
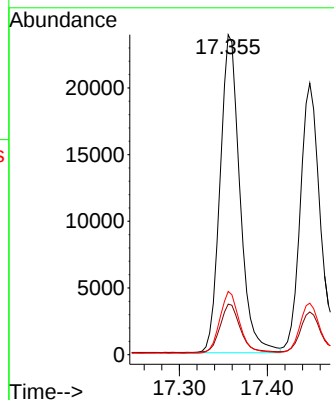


#15
Phenanthrene
Concen: 0.381 ng/u1
RT: 17.355 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

Instrument :
BNA_M
ClientSampleId :

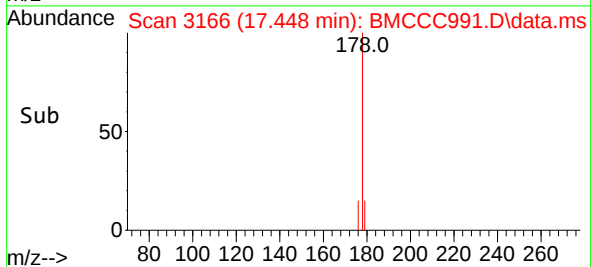
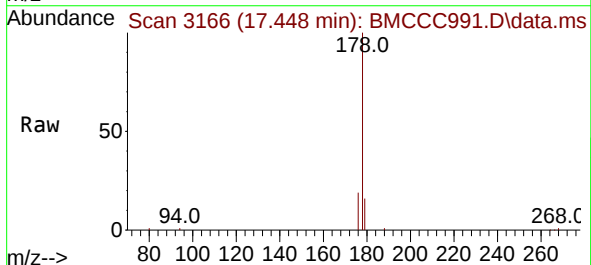
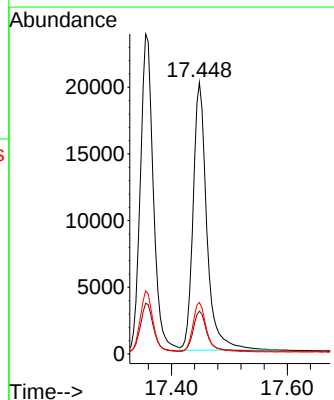


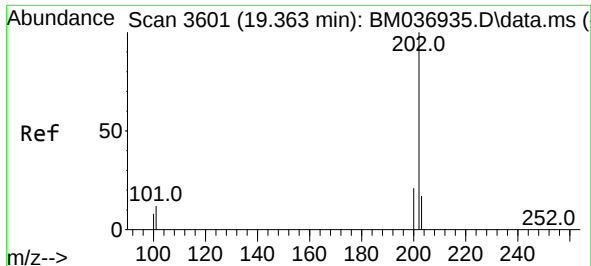
Tgt Ion:178 Resp: 37289
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.403 ng/u1
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

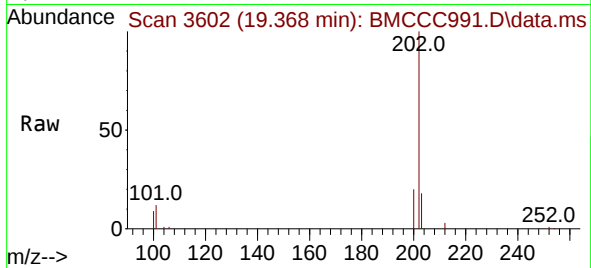
Tgt Ion:178 Resp: 32974
Ion Ratio Lower Upper
178 100
179 15.8 13.6 20.4
176 18.9 15.6 23.4



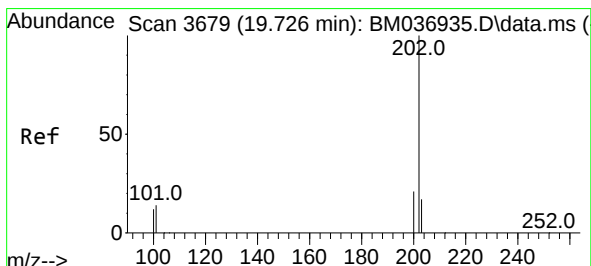
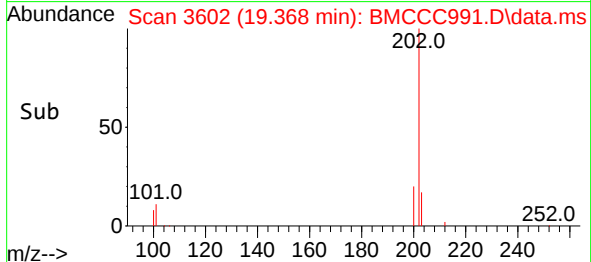
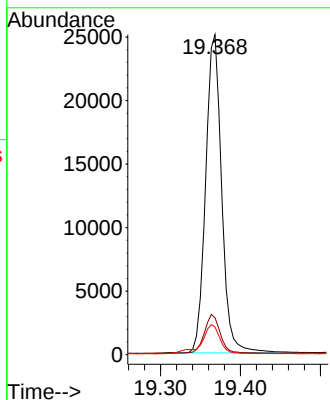


#19
Fluoranthene
Concen: 0.520 ng/u1
RT: 19.368 min Scan# 3602
Delta R.T. 0.005 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

Instrument :
BNA_M
ClientSampleId :

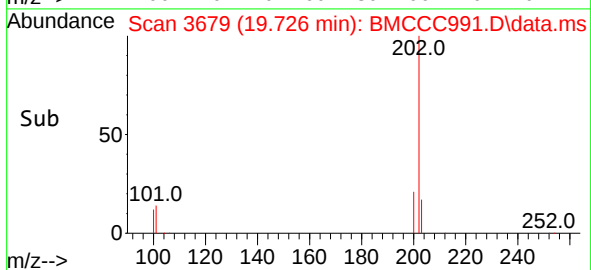
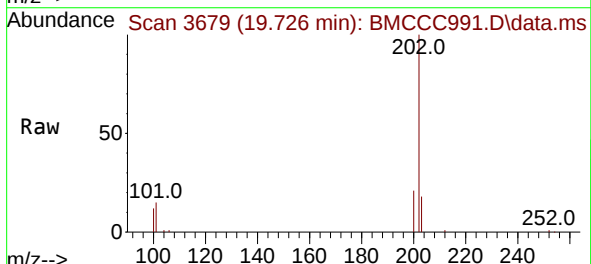
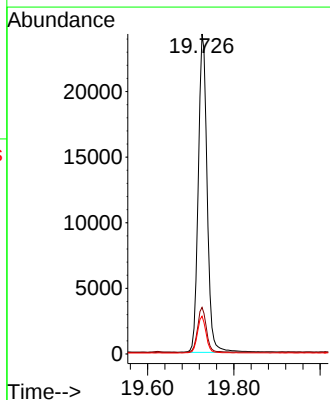


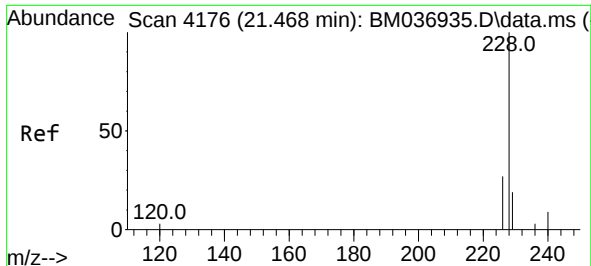
Tgt Ion:202 Resp: 34842
Ion Ratio Lower Upper
202 100
101 11.6 10.1 15.1
100 8.7 7.9 11.9



#20
Pyrene
Concen: 0.497 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

Tgt Ion:202 Resp: 34675
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 11.8 9.8 14.6

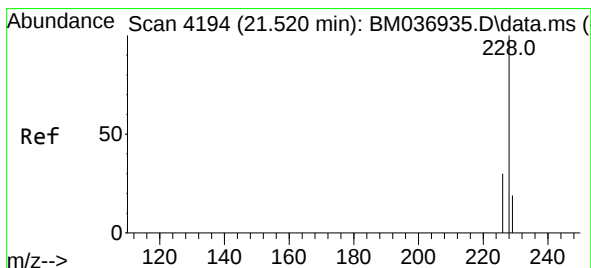
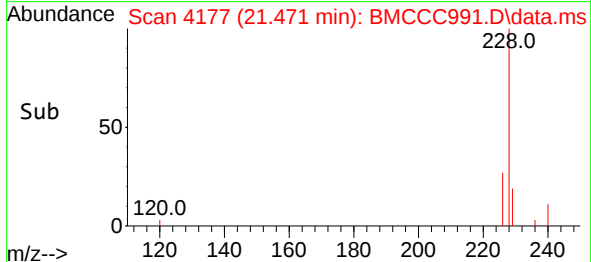
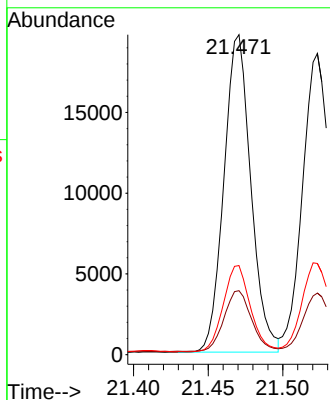
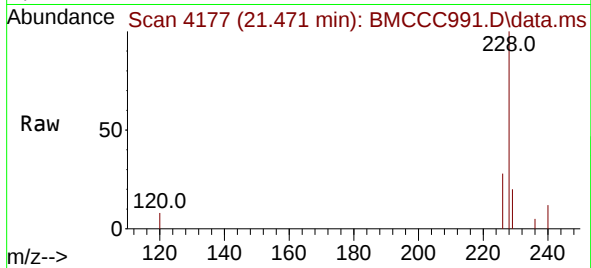




#21
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

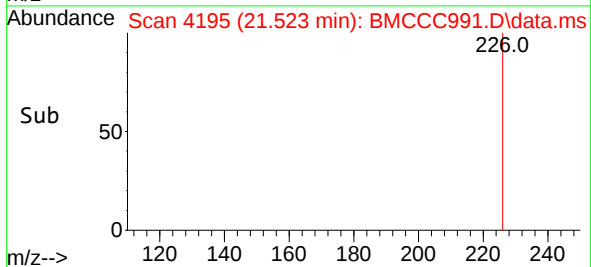
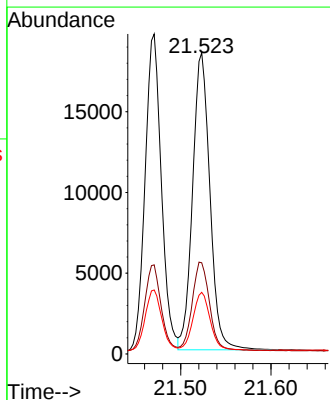
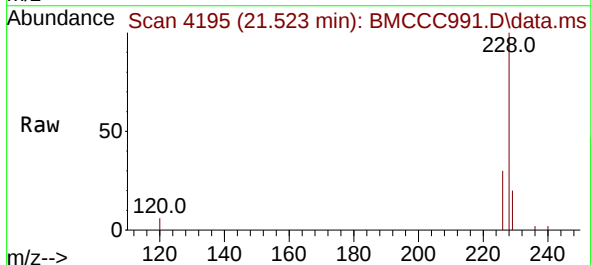
Instrument :
BNA_M
ClientSampleId :

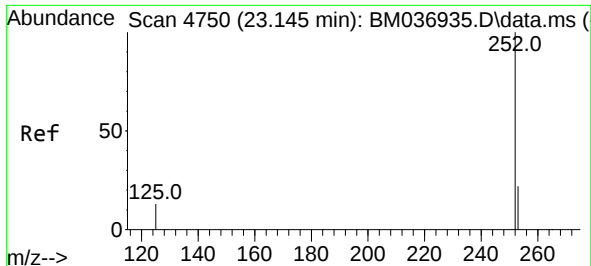
Tgt Ion:228 Resp: 24732
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.9 22.5 33.7



#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. 0.003 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

Tgt Ion:228 Resp: 24486
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 20.5 16.4 24.6

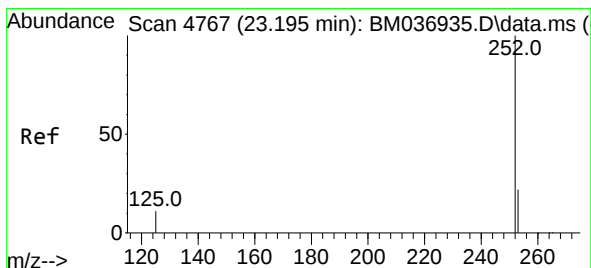
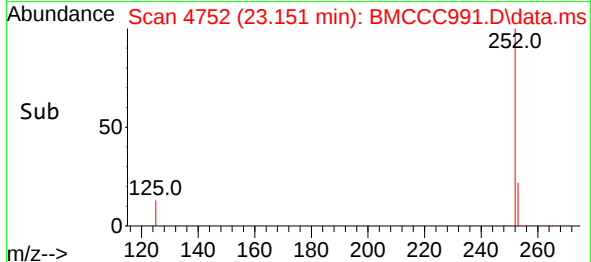
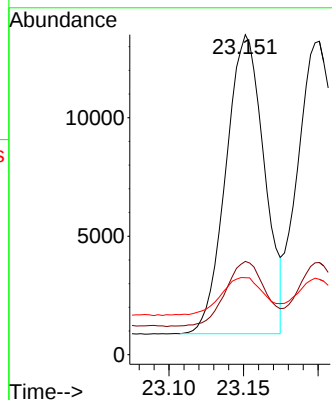
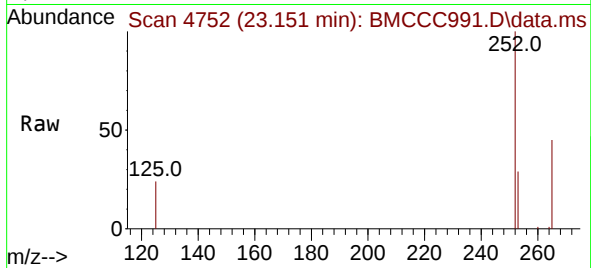




#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. 0.006 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

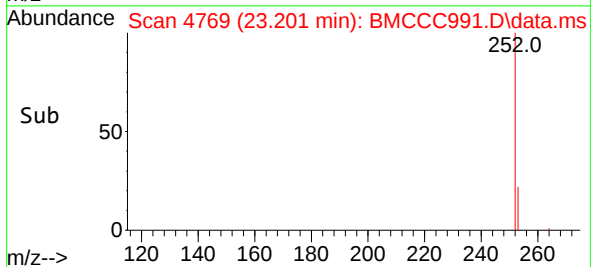
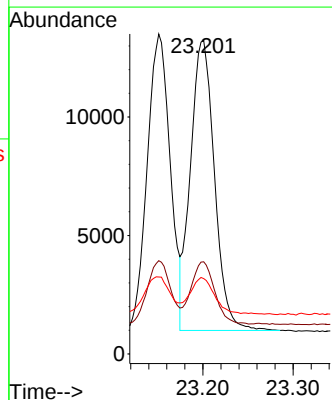
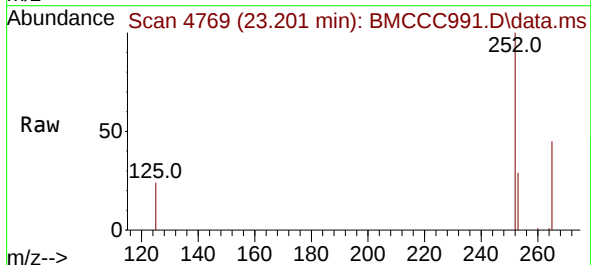
Instrument :
BNA_M
ClientSampleId :

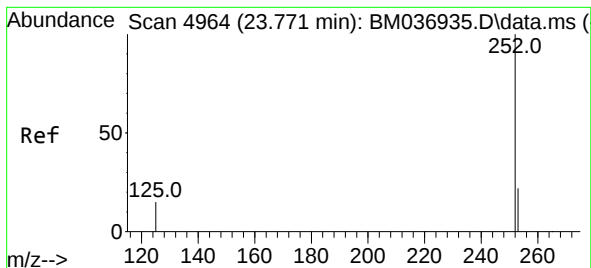
Tgt Ion:252 Resp: 22564
Ion Ratio Lower Upper
252 100
253 29.1 0.0 61.4
125 24.0 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul
RT: 23.201 min Scan# 4769
Delta R.T. 0.006 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

Tgt Ion:252 Resp: 22649
Ion Ratio Lower Upper
252 100
253 29.4 25.2 37.8
125 24.1 18.3 27.5





#26

Benzo(a)pyrene

Concen: 0.385 ng/ul

RT: 23.774 min Scan# 4964

Delta R.T. 0.003 min

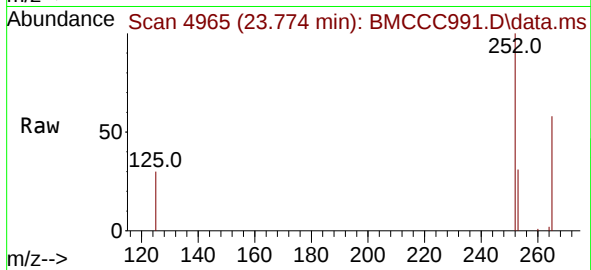
Lab File: BMCCC991.D

Acq: 12 Oct 2022 20:09

Instrument :

BNA_M

ClientSampleId :



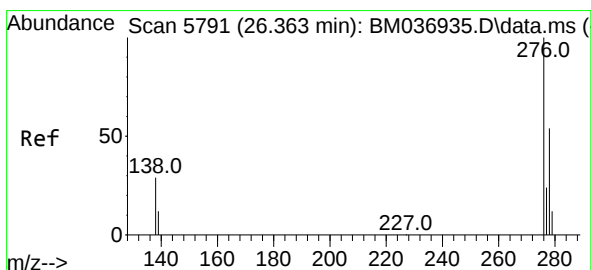
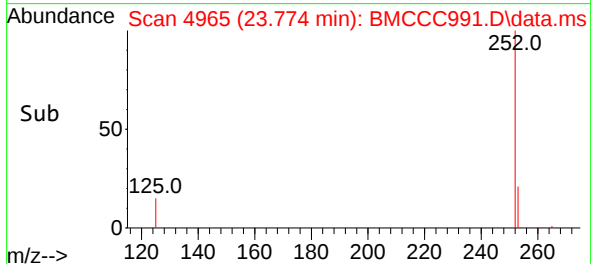
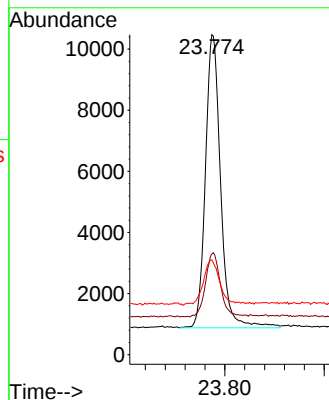
Tgt Ion:252 Resp: 20374

Ion Ratio Lower Upper

252 100

253 31.5 29.7 44.5

125 29.6 23.6 35.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.362 ng/ul

RT: 26.373 min Scan# 5794

Delta R.T. 0.010 min

Lab File: BMCCC991.D

Acq: 12 Oct 2022 20:09

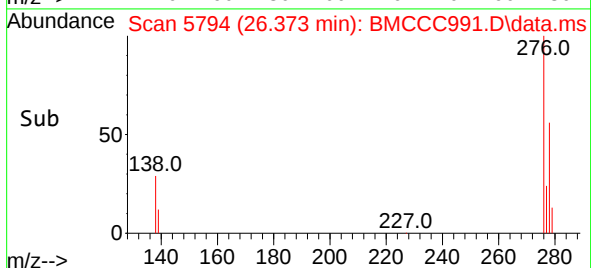
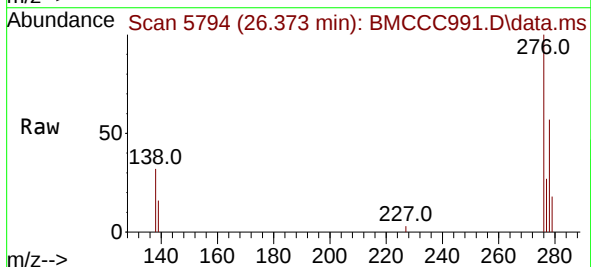
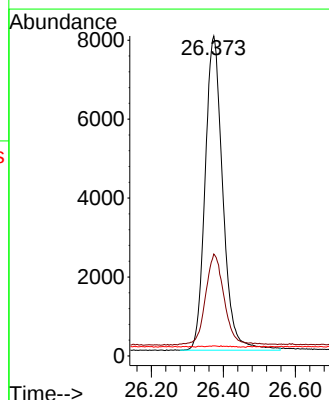
Tgt Ion:276 Resp: 27110

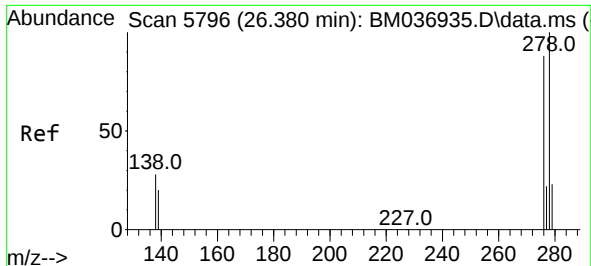
Ion Ratio Lower Upper

276 100

138 30.6 23.9 35.9

227 0.1 0.1 0.1

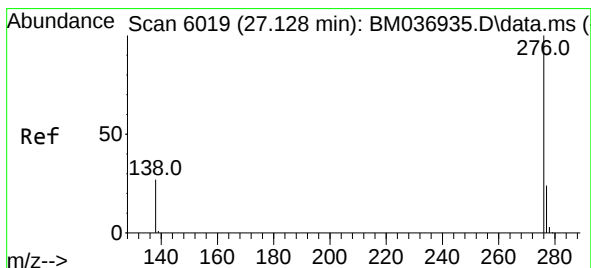
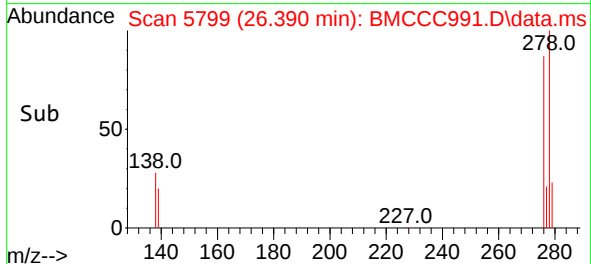
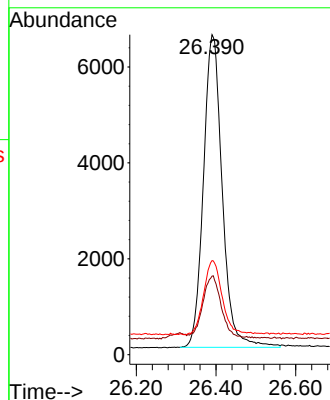
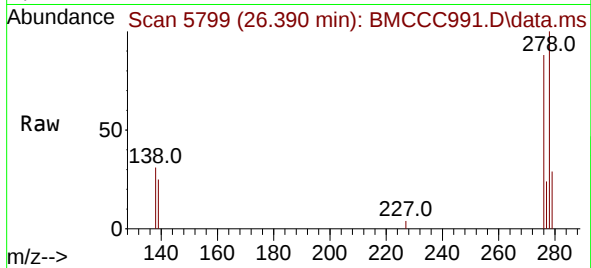




#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 26.390 min Scan# 51
Delta R.T. 0.010 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 21361
Ion Ratio Lower Upper
278 100
139 24.6 19.8 29.6
279 29.4 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.349 ng/ul
RT: 27.138 min Scan# 6022
Delta R.T. 0.010 min
Lab File: BMCCC991.D
Acq: 12 Oct 2022 20:09

Tgt Ion:276 Resp: 23043
Ion Ratio Lower Upper
276 100
138 29.8 23.4 35.0
277 26.0 21.0 31.4

