

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BMCCC578.D
 Acq On : 21 Jun 2022 19:11
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 22 01:33:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

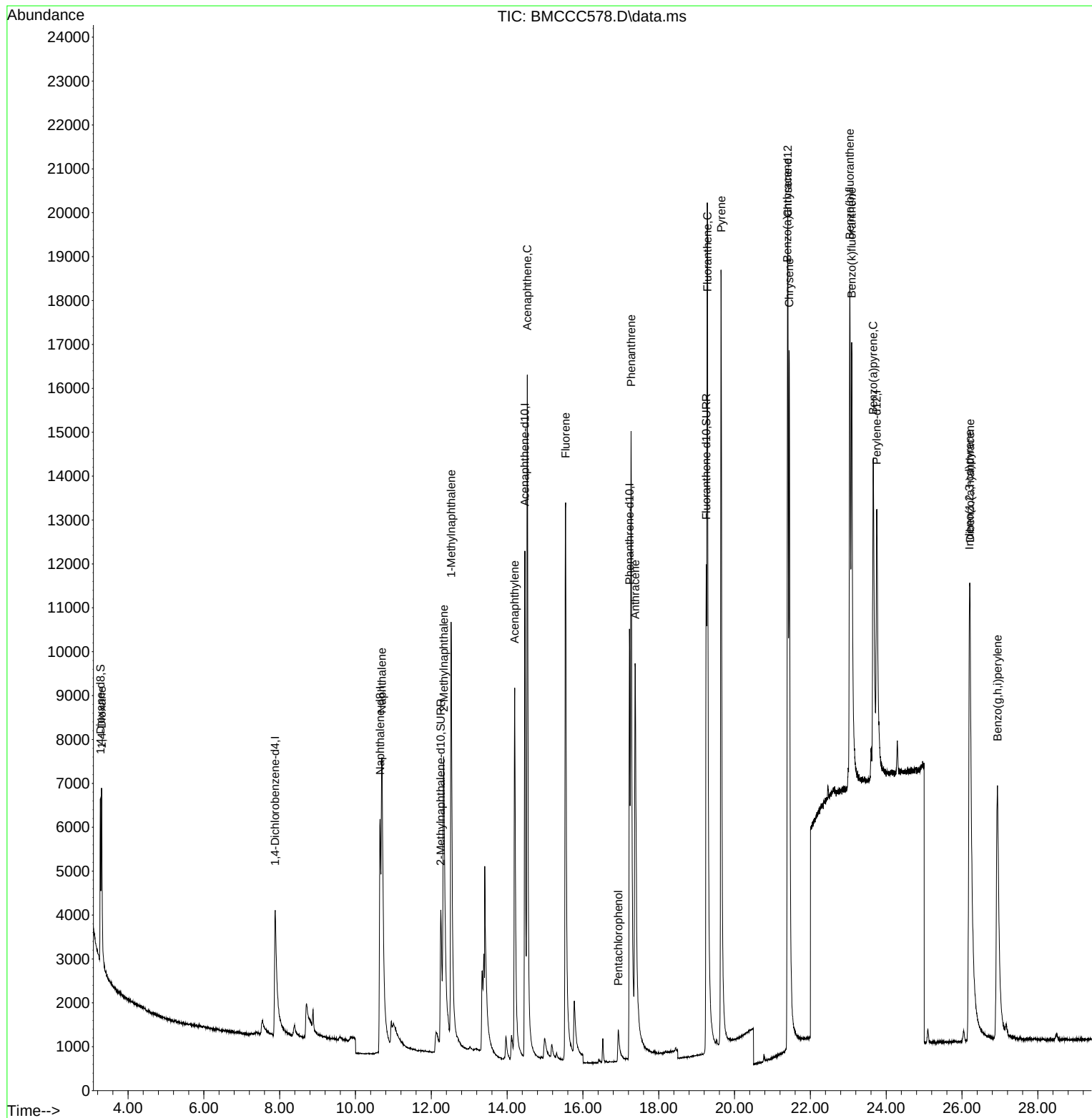
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	3821	0.400	ng/ul	0.03
4) Naphthalene-d8	10.649	136	15513	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	8672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	17280	0.400	ng/ul	0.00
17) Chrysene-d12	21.408	240	12778	0.400	ng/ul	0.00
23) Perylene-d12	23.752	264	11298	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	2486	0.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	9195	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	17814	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	2352	0.439	ng/ul#	70
5) Naphthalene	10.699	128	16990	0.323	ng/ul	100
7) 2-Methylnaphthalene	12.327	142	10154	0.338	ng/ul	96
8) 1-Methylnaphthalene	12.525	142	10863	0.394	ng/ul	100
10) Acenaphthylene	14.201	152	16881	0.346	ng/ul	99
11) Acenaphthene	14.534	153	12888	0.356	ng/ul	100
12) Fluorene	15.543	166	14396	0.352	ng/ul	100
14) Pentachlorophenol	16.938	266	1020	0.308	ng/ul	100
15) Phenanthrene	17.272	178	21894	0.346	ng/ul	100
16) Anthracene	17.377	178	18222	0.329	ng/ul	99
19) Fluoranthene	19.285	202	23546	0.360	ng/ul	99
20) Pyrene	19.648	202	24675	0.360	ng/ul	99
21) Benzo(a)anthracene	21.397	228	15602	0.323	ng/ul	99
22) Chrysene	21.443	228	20095	0.350	ng/ul	99
24) Benzo(b)fluoranthene	23.042	252	17430	0.352	ng/ul	99
25) Benzo(k)fluoranthene	23.092	252	17269	0.336	ng/ul	99
26) Benzo(a)pyrene	23.659	252	17545	0.342	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.198	276	20668	0.350	ng/ul	99
28) Dibenzo(a,h)anthracene	26.211	278	16807	0.348	ng/ul	99
29) Benzo(g,h,i)perylene	26.936	276	18778	0.355	ng/ul	99

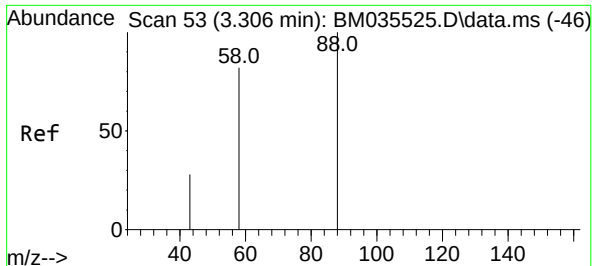
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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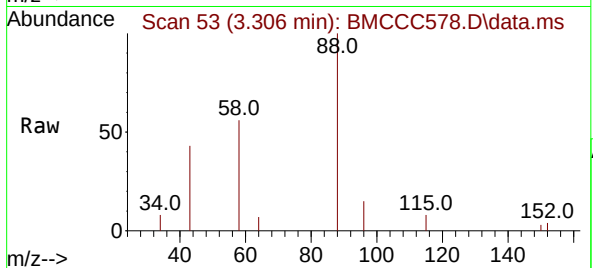
Quant Time: Jun 22 01:33:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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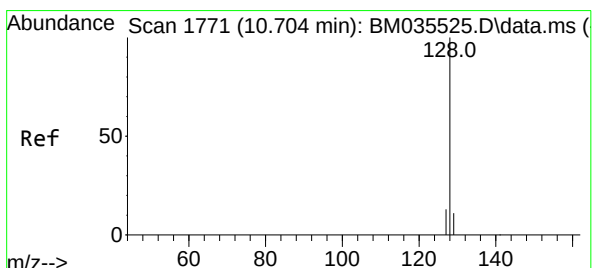
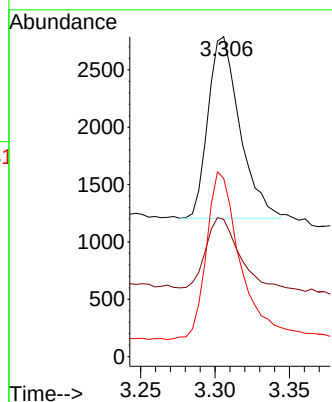
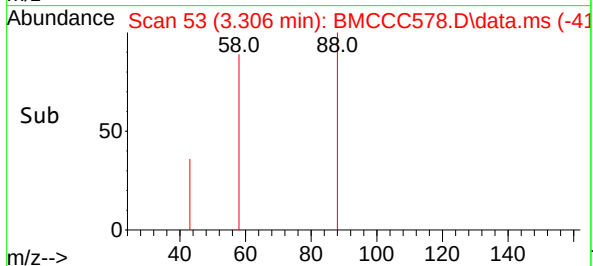


#2
1,4-Dioxane
Concen: 0.439 ng/ul
RT: 3.306 min Scan# 51
Delta R.T. -0.000 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

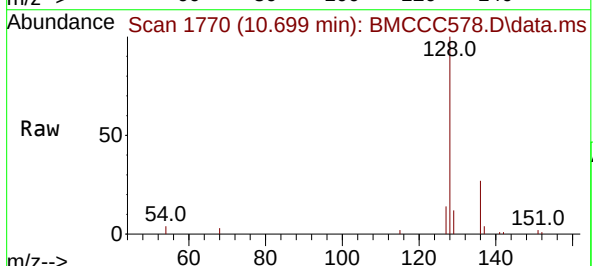
Instrument :
BNA_M
ClientSampleId :



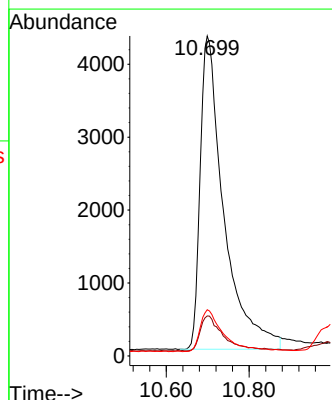
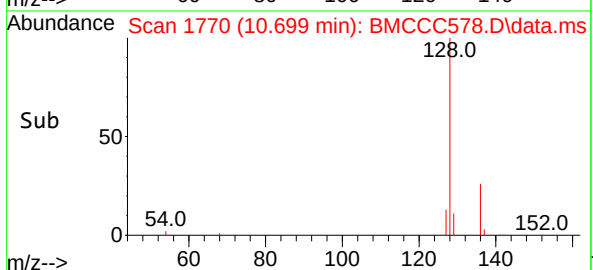
Tgt Ion: 88 Resp: 2352
Ion Ratio Lower Upper
88 100
43 42.9 70.4 105.6#
58 55.7 45.6 68.4

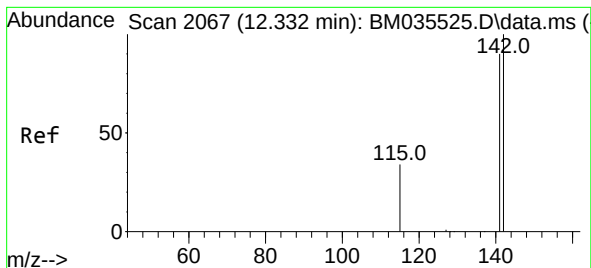


#5
Naphthalene
Concen: 0.323 ng/ul
RT: 10.699 min Scan# 1770
Delta R.T. 0.005 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11



Tgt Ion: 128 Resp: 16990
Ion Ratio Lower Upper
128 100
129 12.5 10.1 15.1
127 14.4 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.338 ng/ul

RT: 12.327 min Scan# 2066

Delta R.T. 0.005 min

Lab File: BMCCC578.D

Acq: 21 Jun 2022 19:11

Instrument :

BNA_M

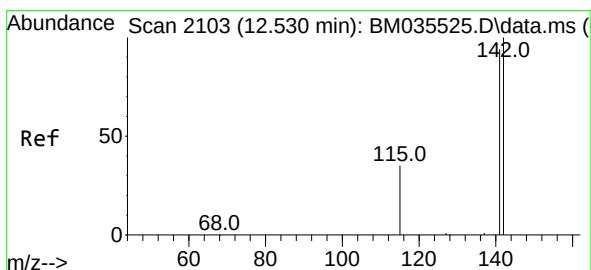
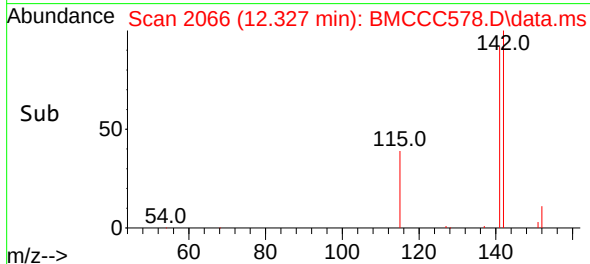
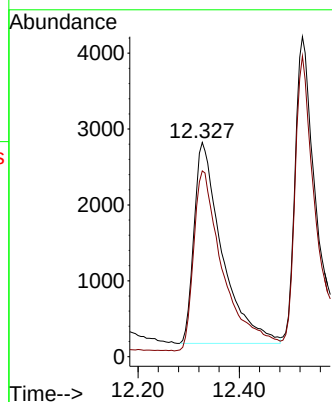
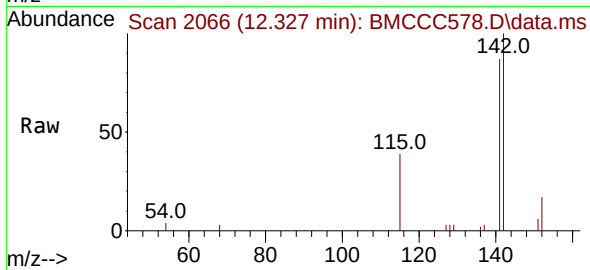
ClientSampleId :

Tgt Ion:142 Resp: 10154

Ion Ratio Lower Upper

142 100

141 95.6 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.394 ng/ul

RT: 12.525 min Scan# 2102

Delta R.T. -0.000 min

Lab File: BMCCC578.D

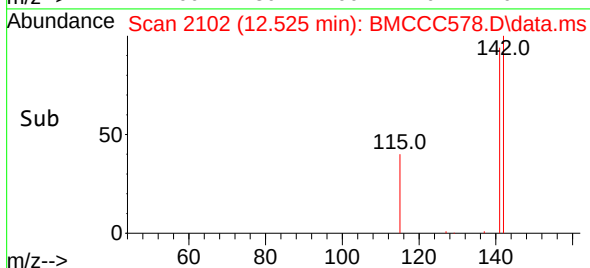
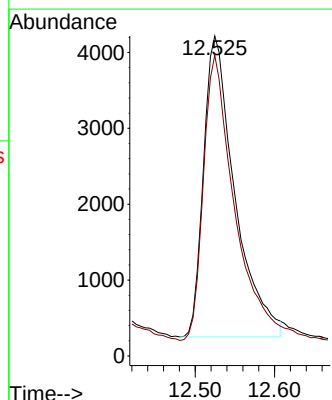
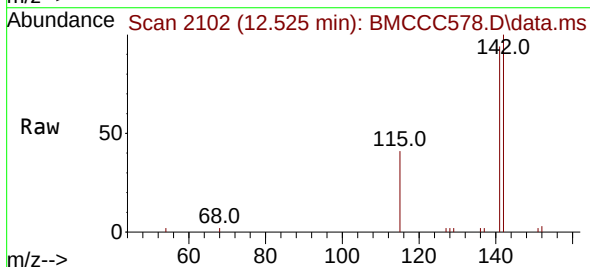
Acq: 21 Jun 2022 19:11

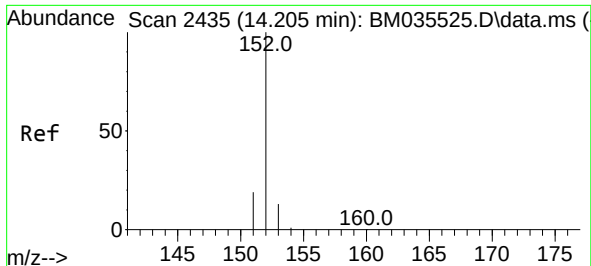
Tgt Ion:142 Resp: 10863

Ion Ratio Lower Upper

142 100

141 93.7 74.6 111.8

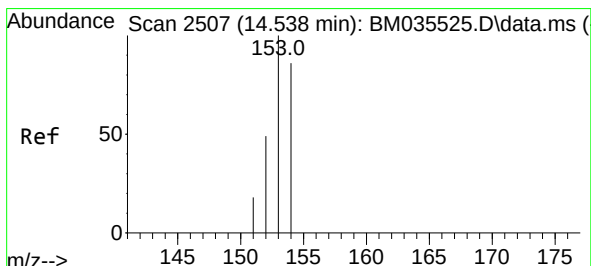
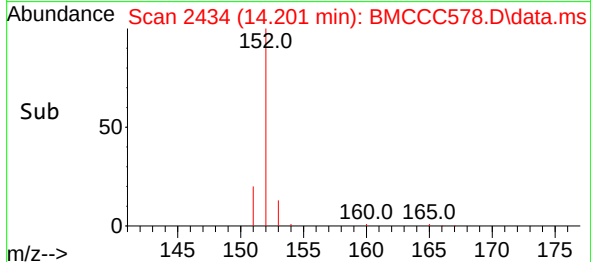
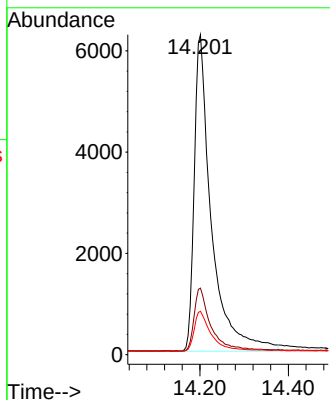
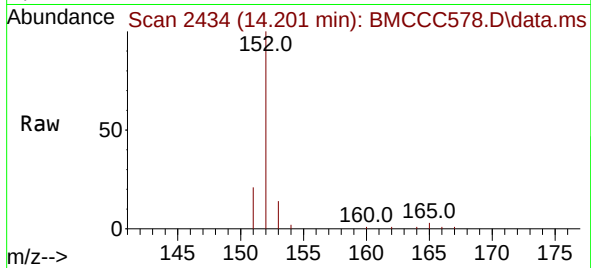




#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

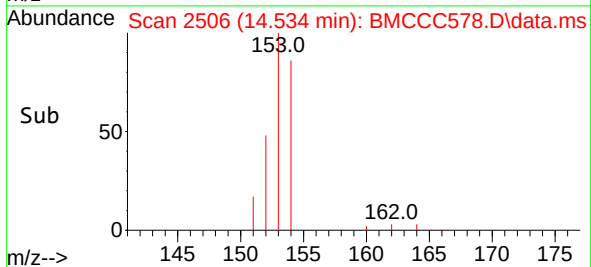
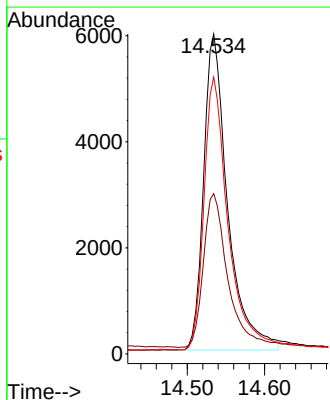
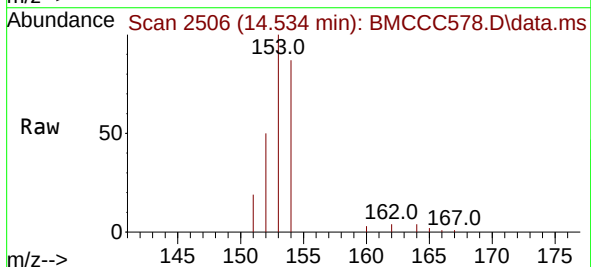
Instrument :
BNA_M
ClientSampleId :

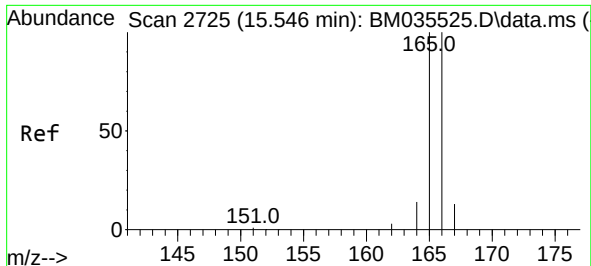
Tgt Ion:152 Resp: 16881
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

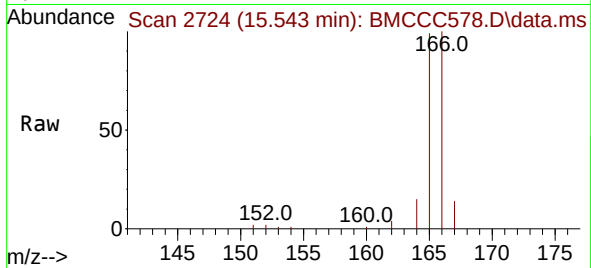
Tgt Ion:153 Resp: 12888
Ion Ratio Lower Upper
153 100
152 50.1 40.0 60.0
154 86.5 69.1 103.7



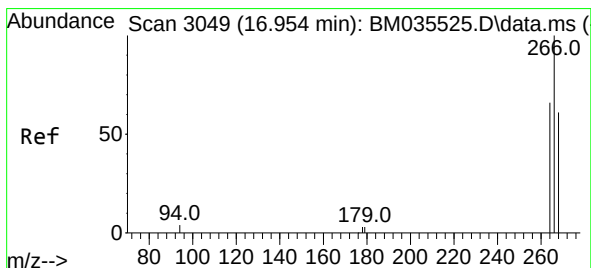
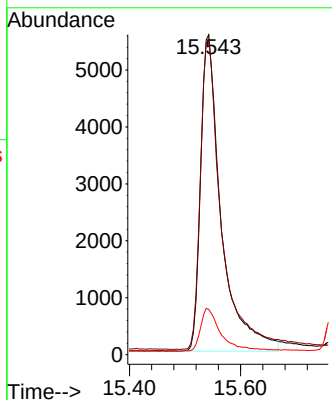
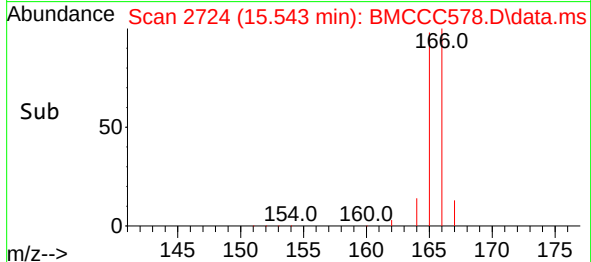


#12
 Fluorene
 Concen: 0.352 ng/ul
 RT: 15.543 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BMCCC578.D
 Acq: 21 Jun 2022 19:11

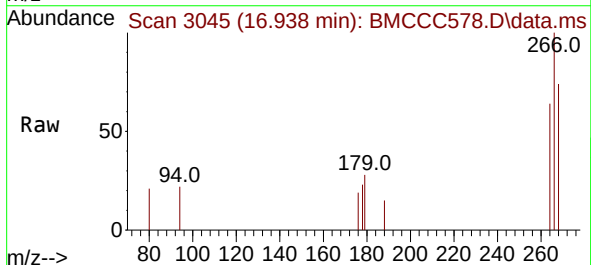
Instrument :
 BNA_M
 ClientSampleId :



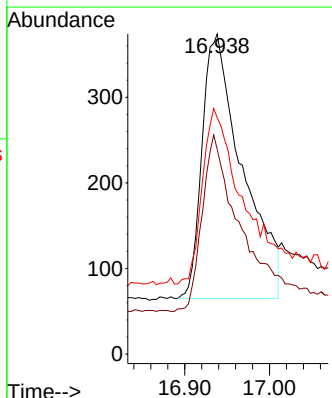
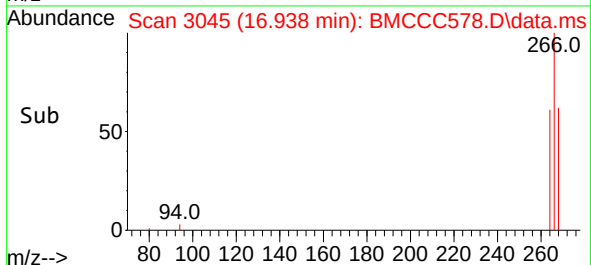
Tgt Ion:166 Resp: 14396
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.7 118.1
 167 14.1 11.6 17.4

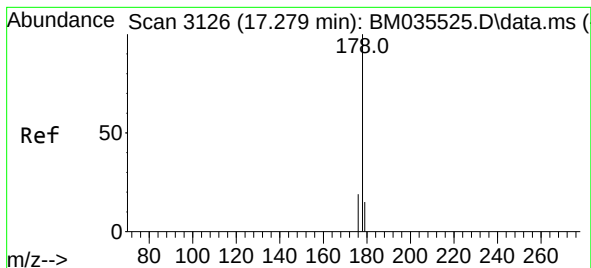


#14
 Pentachlorophenol
 Concen: 0.308 ng/ul
 RT: 16.938 min Scan# 3045
 Delta R.T. 0.008 min
 Lab File: BMCCC578.D
 Acq: 21 Jun 2022 19:11



Tgt Ion:266 Resp: 1020
 Ion Ratio Lower Upper
 266 100
 264 63.6 51.0 76.4
 268 65.3 51.7 77.5





#15

Phenanthrene

Concen: 0.346 ng/u1

RT: 17.272 min Scan# 3126

Delta R.T. -0.000 min

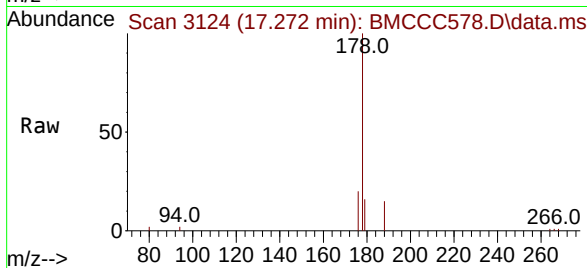
Lab File: BMCCC578.D

Acq: 21 Jun 2022 19:11

Instrument :

BNA_M

ClientSampleId :



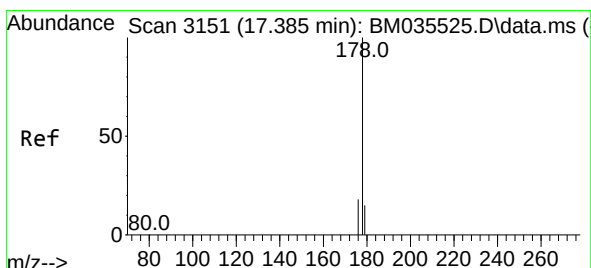
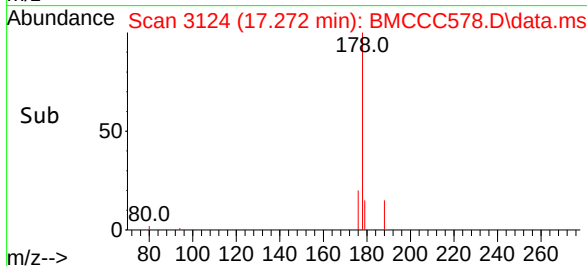
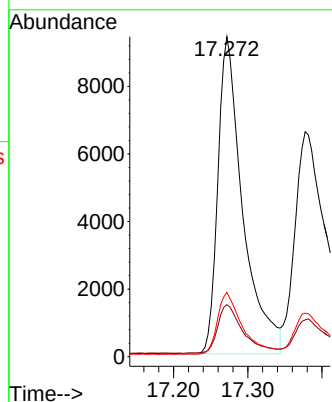
Tgt Ion:178 Resp: 21894

Ion Ratio Lower Upper

178 100

179 16.2 13.2 19.8

176 20.1 16.2 24.4



#16

Anthracene

Concen: 0.329 ng/u1

RT: 17.377 min Scan# 3149

Delta R.T. 0.004 min

Lab File: BMCCC578.D

Acq: 21 Jun 2022 19:11

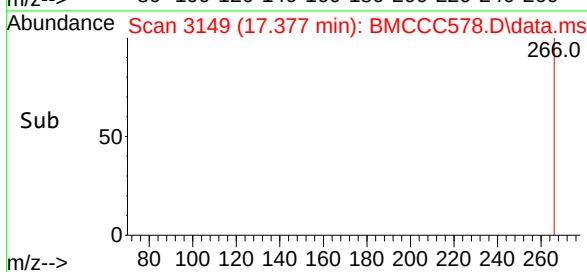
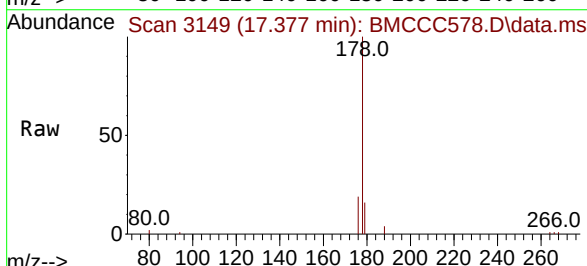
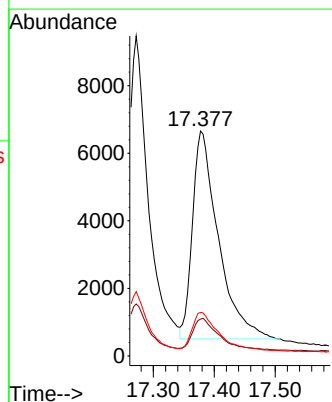
Tgt Ion:178 Resp: 18222

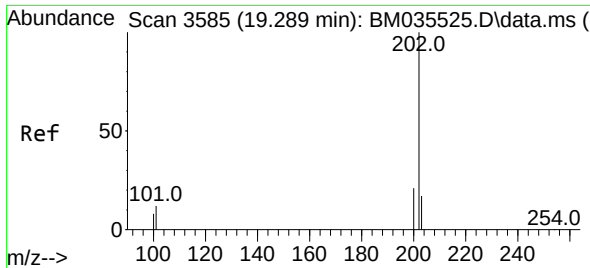
Ion Ratio Lower Upper

178 100

179 16.4 13.4 20.0

176 19.3 15.9 23.9

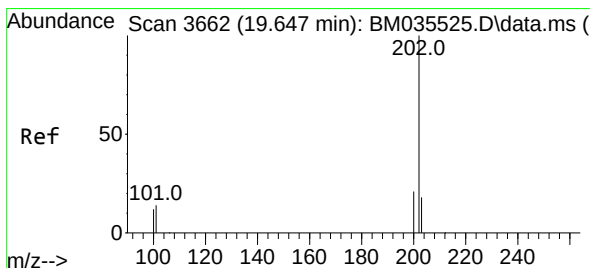
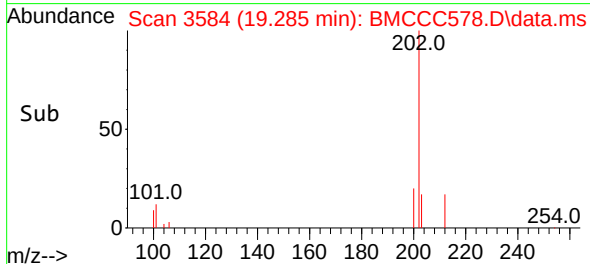
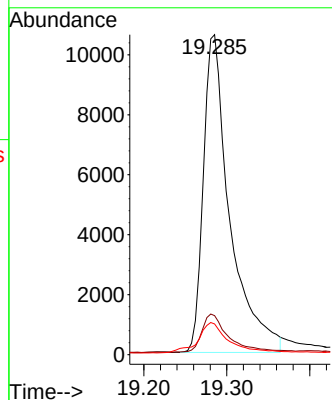
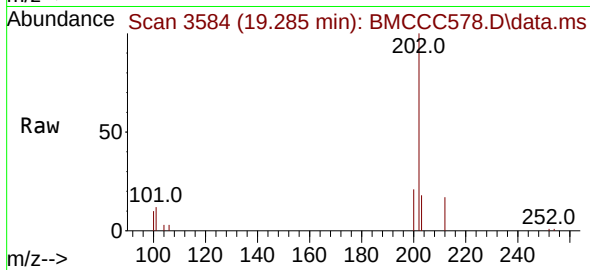




#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 19.285 min Scan# 3585
Delta R.T. -0.000 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

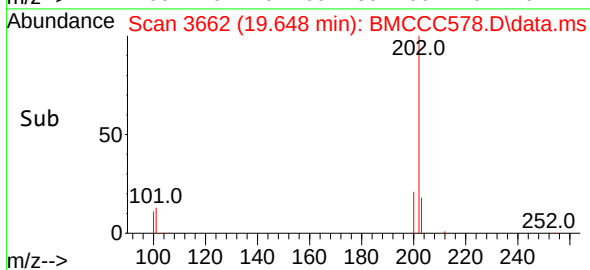
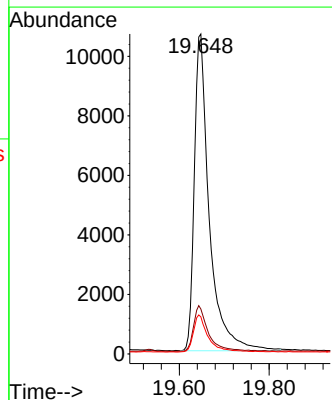
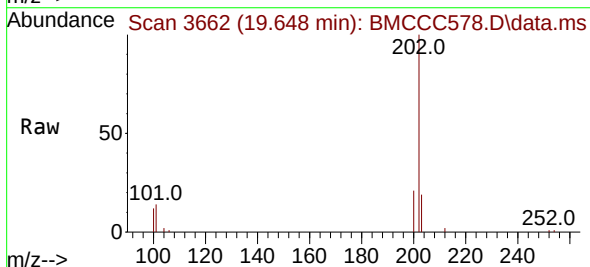
Instrument :
BNA_M
ClientSampleId :

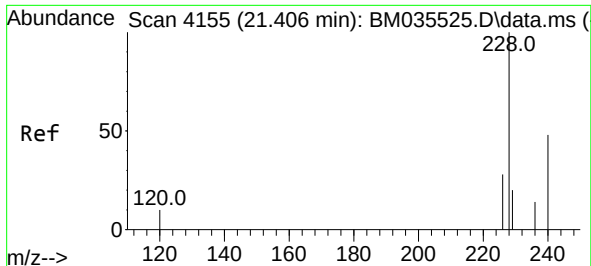
Tgt Ion:202 Resp: 23546
Ion Ratio Lower Upper
202 100
101 12.2 10.0 15.0
100 9.6 7.5 11.3



#20
Pyrene
Concen: 0.360 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

Tgt Ion:202 Resp: 24675
Ion Ratio Lower Upper
202 100
101 14.1 11.6 17.4
100 11.6 9.3 13.9

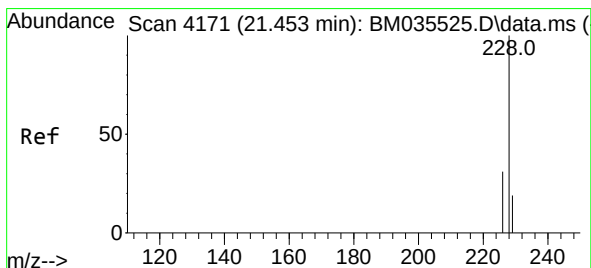
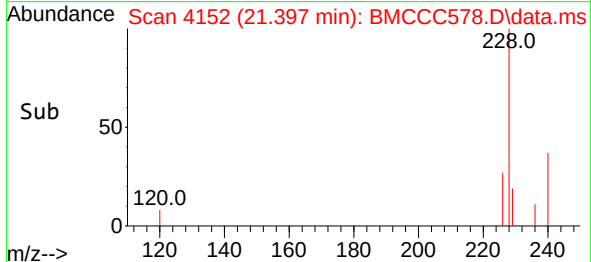
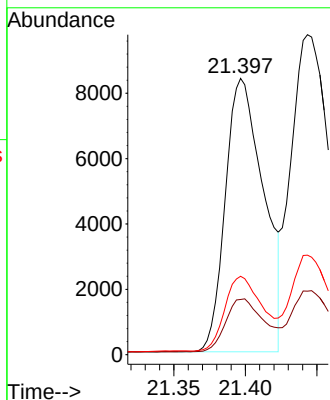
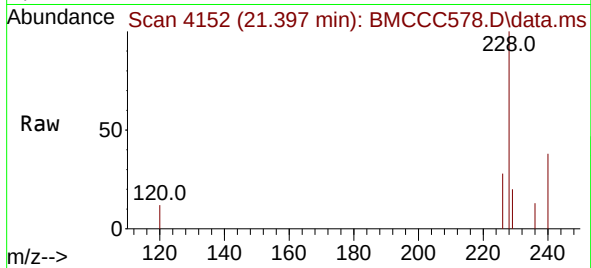




#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.397 min Scan# 4155
Delta R.T. -0.003 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

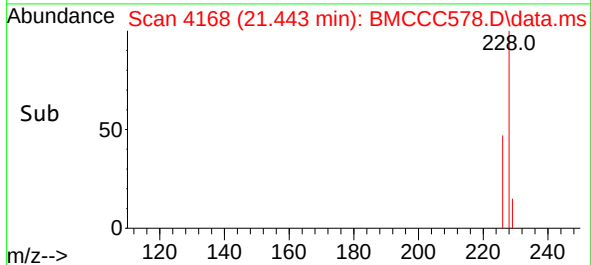
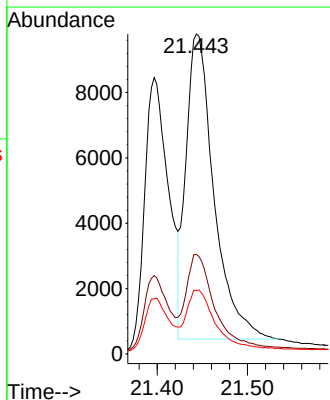
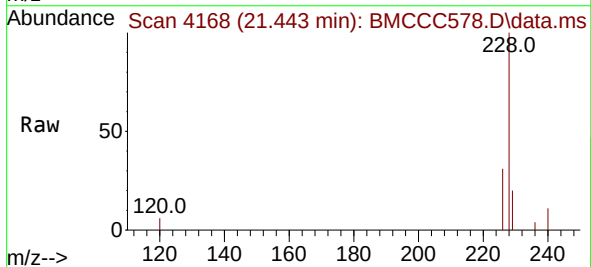
Instrument :
BNA_M
ClientSampleId :

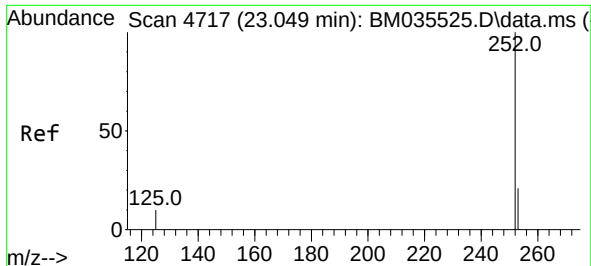
Tgt Ion:228 Resp: 15602
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 28.4 22.3 33.5



#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.443 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

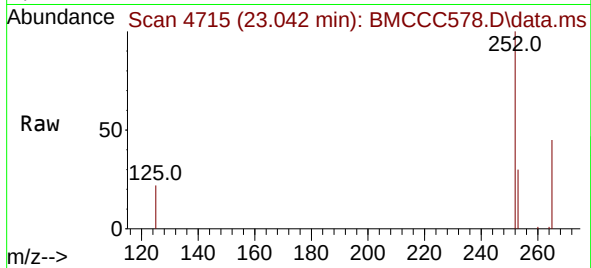
Tgt Ion:228 Resp: 20095
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 19.8 15.8 23.8



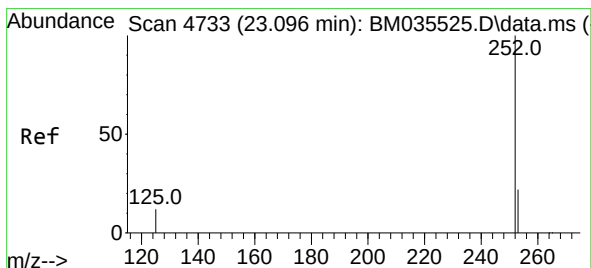
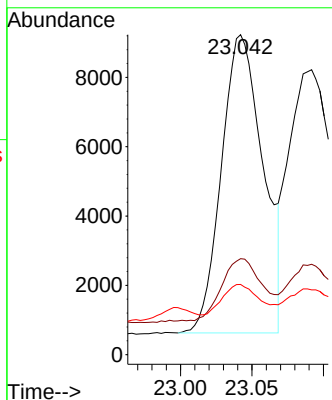


#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 23.042 min Scan# 4715
Delta R.T. -0.009 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

Instrument :
BNA_M
ClientSampleId :

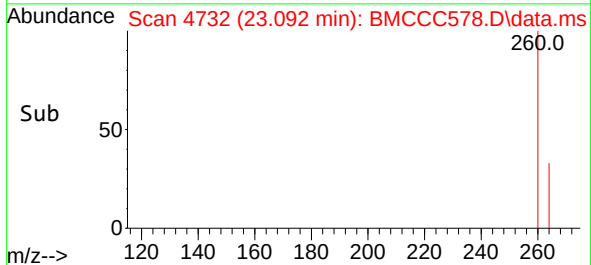
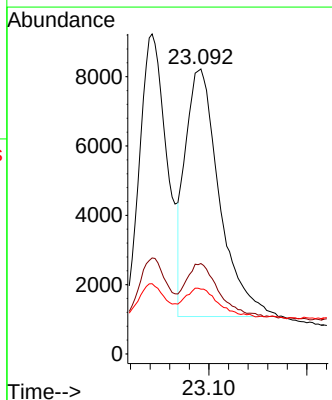
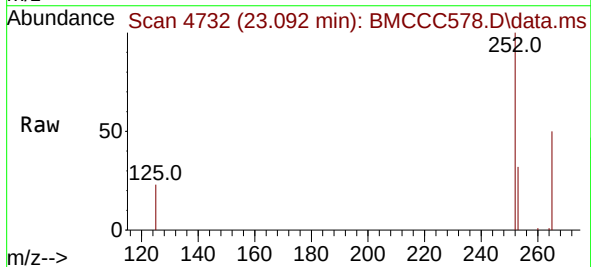


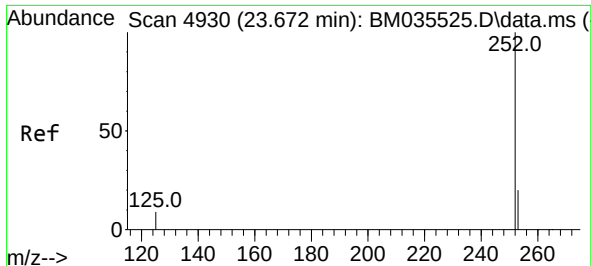
Tgt Ion:252 Resp: 17430
Ion Ratio Lower Upper
252 100
253 30.0 0.0 60.6
125 22.0 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 23.092 min Scan# 4732
Delta R.T. -0.006 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

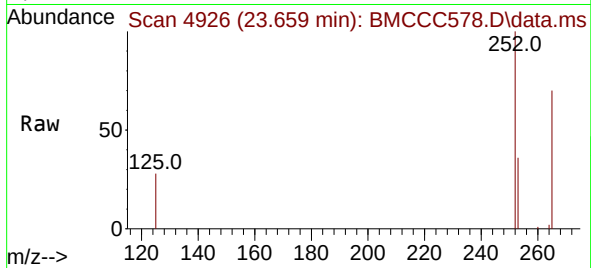
Tgt Ion:252 Resp: 17269
Ion Ratio Lower Upper
252 100
253 31.7 24.7 37.1
125 22.7 18.2 27.4



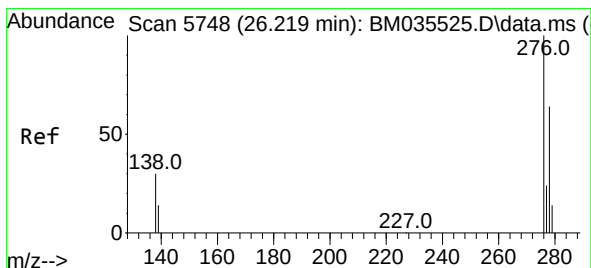
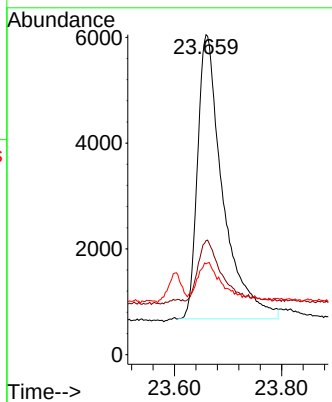
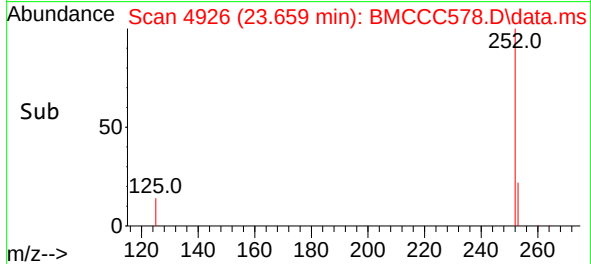


#26
Benzo(a)pyrene
Concen: 0.342 ng/ul
RT: 23.659 min Scan# 4926
Delta R.T. -0.009 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

Instrument :
BNA_M
ClientSampleId :

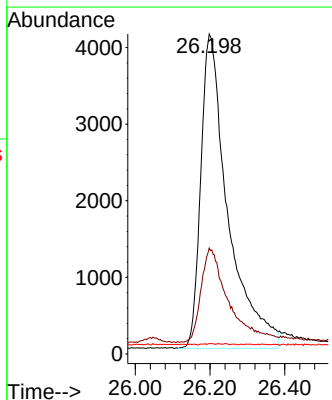
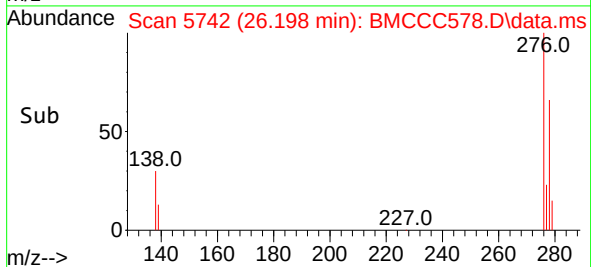
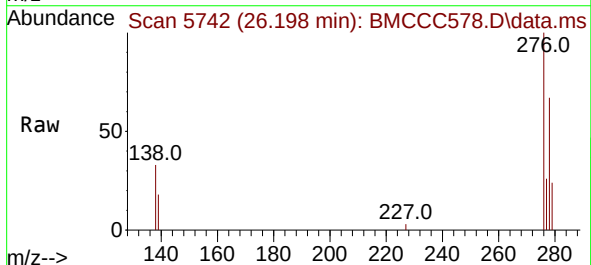


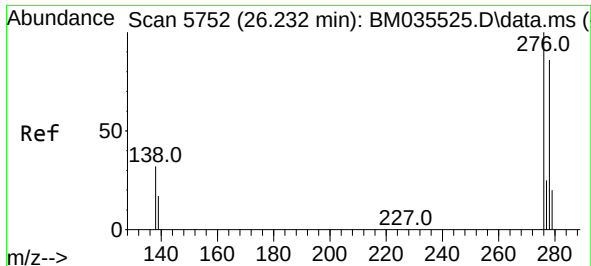
Tgt Ion:252 Resp: 17545
Ion Ratio Lower Upper
252 100
253 35.6 27.8 41.6
125 28.4 23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng/ul
RT: 26.198 min Scan# 5742
Delta R.T. -0.014 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

Tgt Ion:276 Resp: 20668
Ion Ratio Lower Upper
276 100
138 30.5 24.8 37.2
227 0.1 0.1 0.1

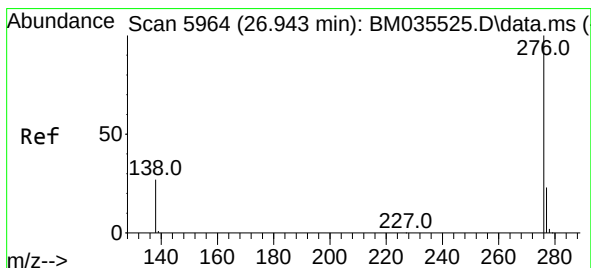
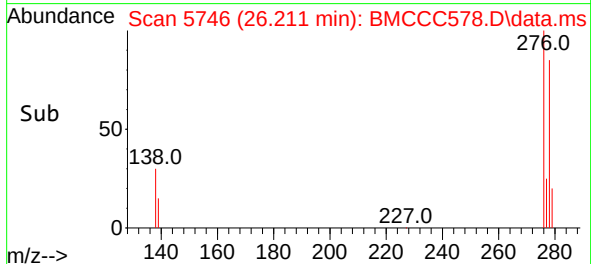
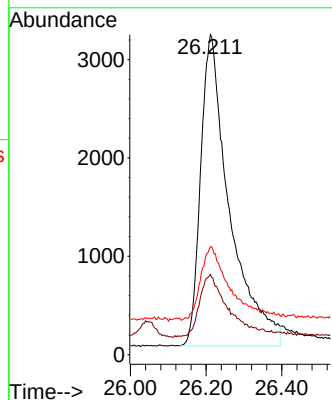
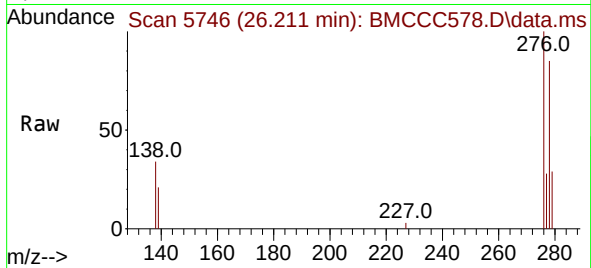




#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 26.211 min Scan# 51
Delta R.T. -0.010 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 16807
Ion Ratio Lower Upper
278 100
139 25.0 19.1 28.7
279 33.8 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 26.936 min Scan# 5962
Delta R.T. -0.010 min
Lab File: BMCCC578.D
Acq: 21 Jun 2022 19:11

Tgt Ion:276 Resp: 18778
Ion Ratio Lower Upper
276 100
138 29.6 23.1 34.7
277 26.1 20.3 30.5

