

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BMCCC654.D
 Acq On : 24 Jun 2022 09:44
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 25 04:06:56 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)

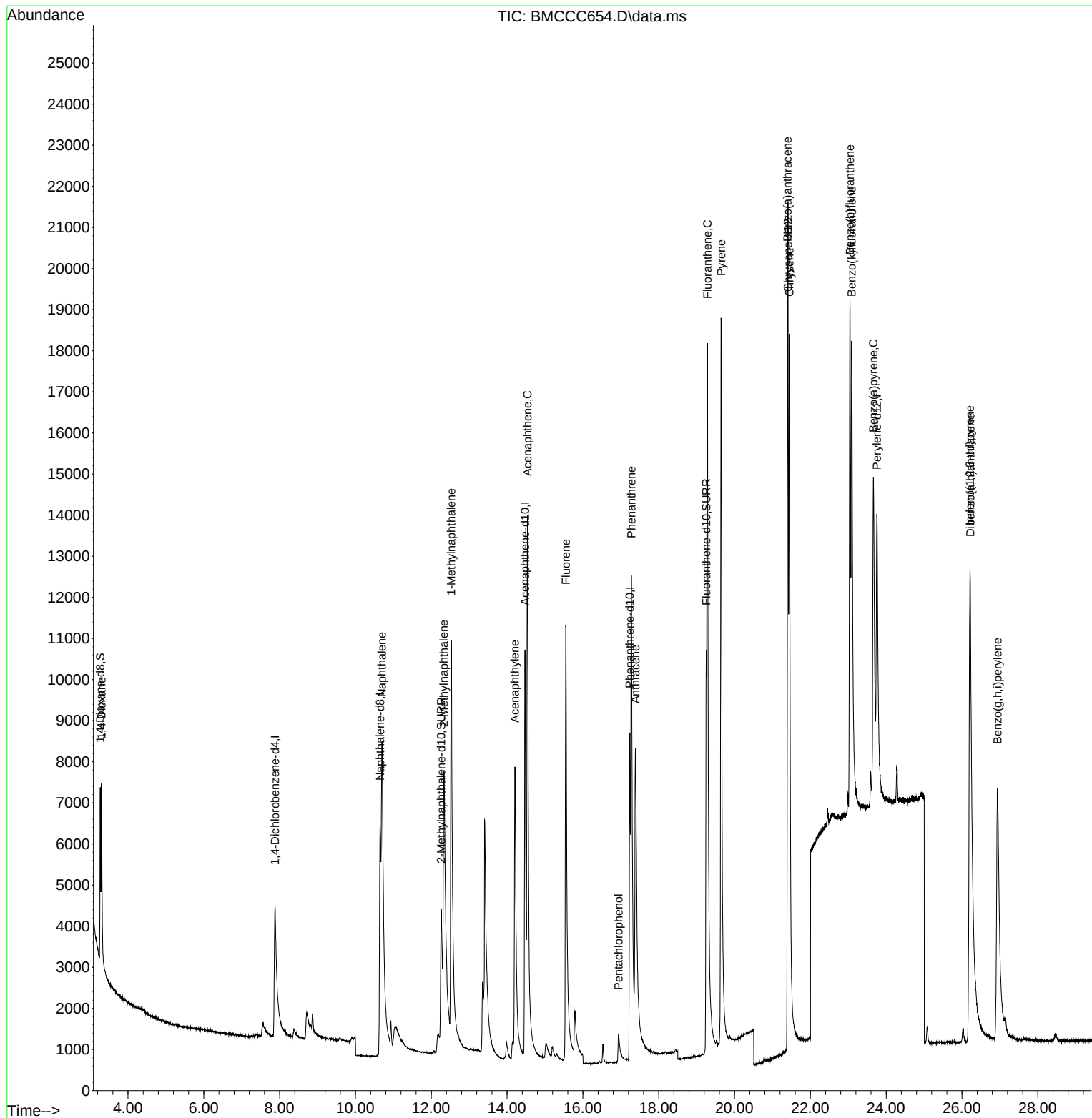
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	4499	0.400	ng/ul	0.02
4) Naphthalene-d8	10.650	136	18260	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	8443	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.237	188	15260	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	13844	0.400	ng/ul	0.00
23) Perylene-d12	23.756	264	12971	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	2855	0.451	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	10673	0.393	ng/ul	0.02
18) Fluoranthene-d10	19.252	212	17077	0.367	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	2839	0.450	ng/ul#	60
5) Naphthalene	10.699	128	19609	0.317	ng/ul	100
7) 2-Methylnaphthalene	12.332	142	11123	0.315	ng/ul	93
8) 1-Methylnaphthalene	12.525	142	11913	0.367	ng/ul	100
10) Acenaphthylene	14.205	152	16793	0.353	ng/ul	99
11) Acenaphthene	14.538	153	12627	0.359	ng/ul	99
12) Fluorene	15.551	166	13558	0.340	ng/ul	99
14) Pentachlorophenol	16.942	266	1027	0.351	ng/ul	99
15) Phenanthrene	17.280	178	19766	0.353	ng/ul	99
16) Anthracene	17.385	178	16582	0.339	ng/ul	99
19) Fluoranthene	19.285	202	22733	0.321	ng/ul	100
20) Pyrene	19.647	202	26218	0.353	ng/ul	99
21) Benzo(a)anthracene	21.401	228	16330	0.312	ng/ul	100
22) Chrysene	21.447	228	22343	0.359	ng/ul	100
24) Benzo(b)fluoranthene	23.043	252	19263	0.339	ng/ul	98
25) Benzo(k)fluoranthene	23.090	252	19714	0.335	ng/ul	99
26) Benzo(a)pyrene	23.663	252	20859	0.354	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.209	276	23898	0.352	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.219	278	19416	0.351	ng/ul	99
29) Benzo(g,h,i)perylene	26.937	276	21855	0.360	ng/ul	99

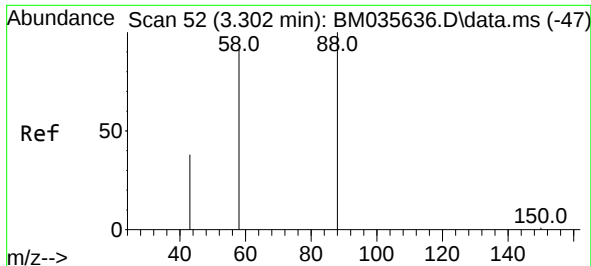
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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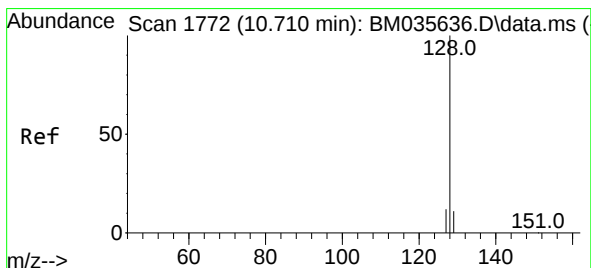
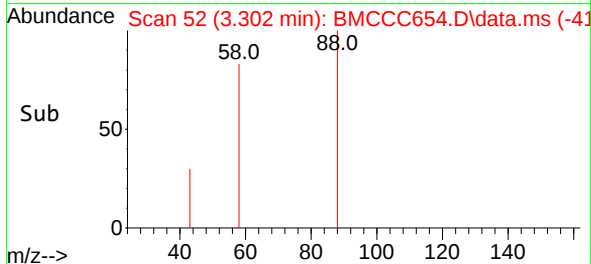
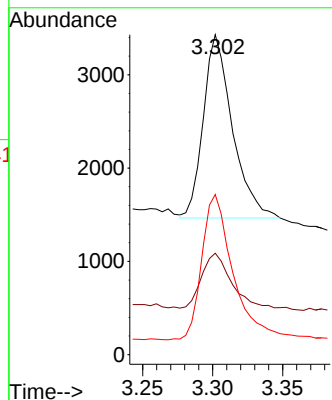
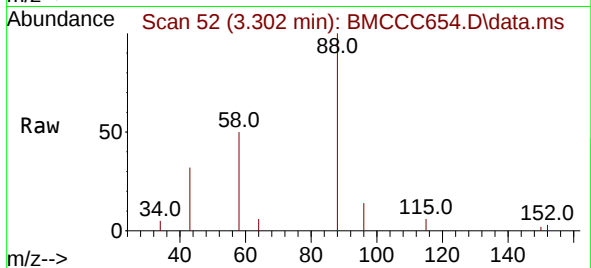




#2
1,4-Dioxane
Concen: 0.450 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

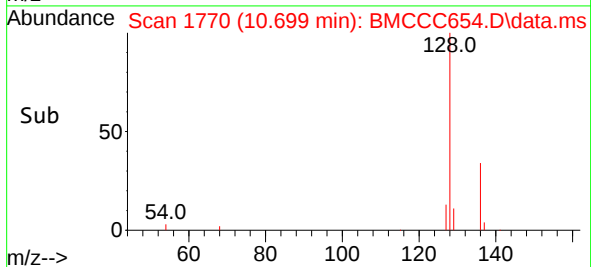
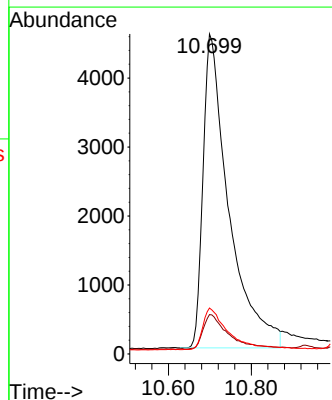
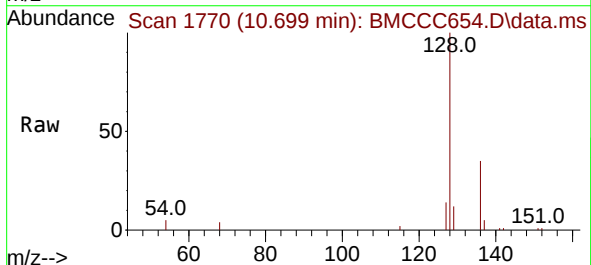
Instrument :
BNA_M
ClientSampleId :

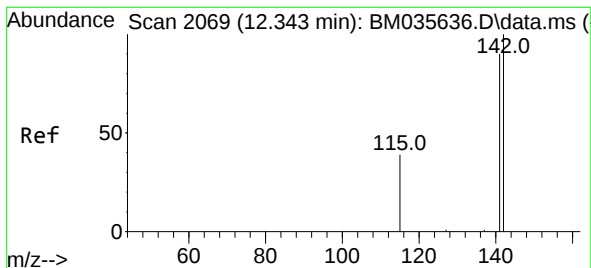
Tgt Ion: 88 Resp: 2839
Ion Ratio Lower Upper
88 100
43 31.7 70.4 105.6#
58 50.0 45.6 68.4



#5
Naphthalene
Concen: 0.317 ng/ul
RT: 10.699 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

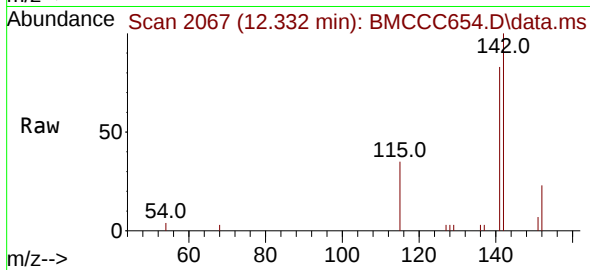
Tgt Ion: 128 Resp: 19609
Ion Ratio Lower Upper
128 100
129 12.3 10.1 15.1
127 14.3 11.4 17.2



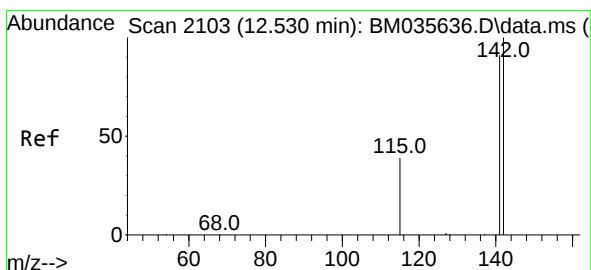
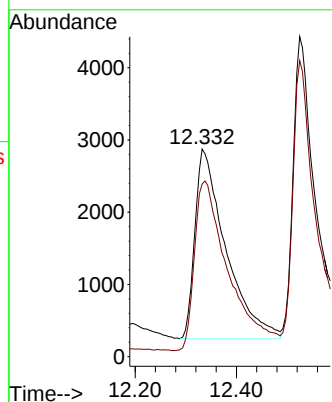
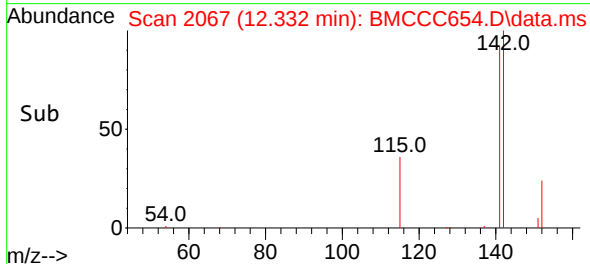


#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.332 min Scan# 2067
Delta R.T. 0.011 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

Instrument :
BNA_M
ClientSampleId :

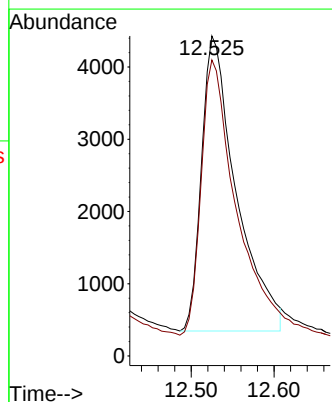
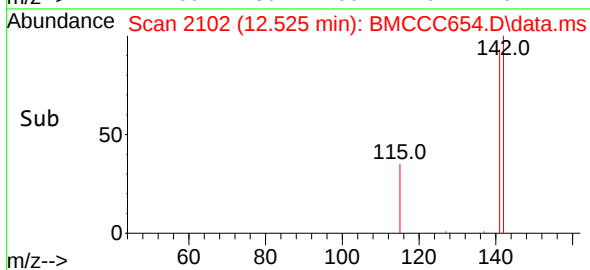
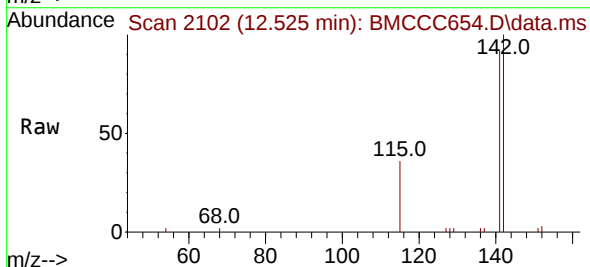


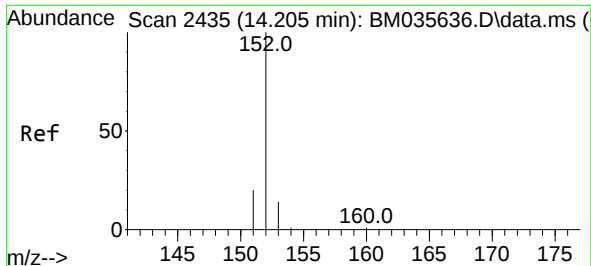
Tgt Ion:142 Resp: 11123
Ion Ratio Lower Upper
142 100
141 99.3 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

Tgt Ion:142 Resp: 11913
Ion Ratio Lower Upper
142 100
141 93.6 74.6 111.8

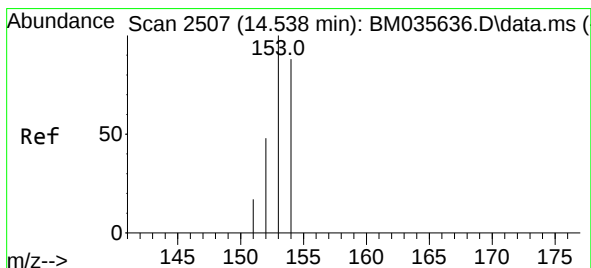
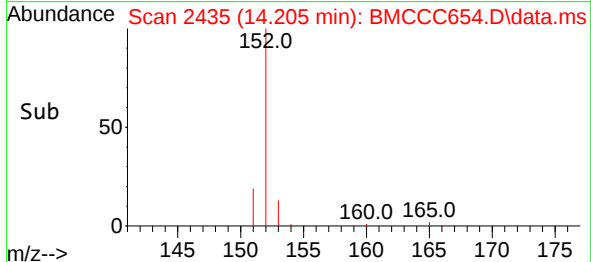
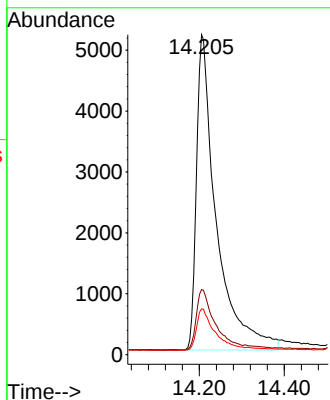
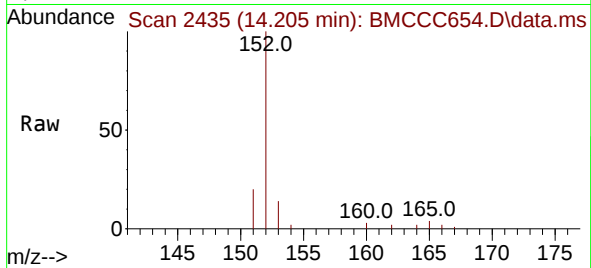




#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 14.205 min Scan# 2435
Delta R.T. 0.004 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

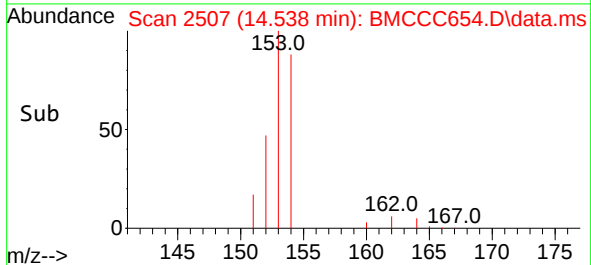
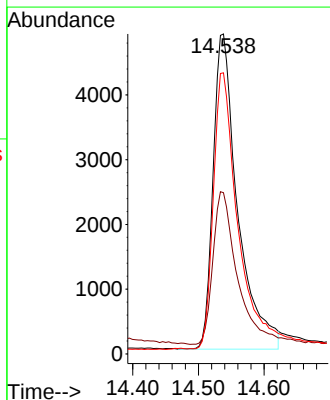
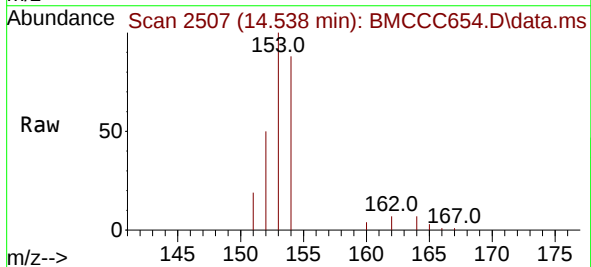
Instrument :
BNA_M
ClientSampleId :

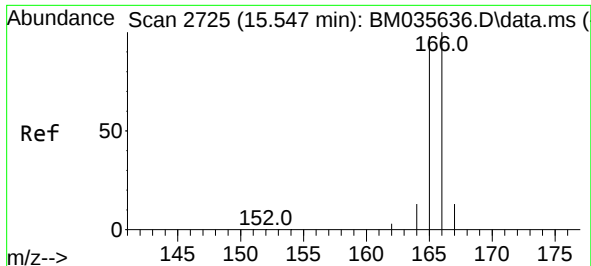
Tgt Ion:152 Resp: 16793
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 14.3 11.1 16.7



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

Tgt Ion:153 Resp: 12627
Ion Ratio Lower Upper
153 100
152 50.4 40.0 60.0
154 87.9 69.1 103.7

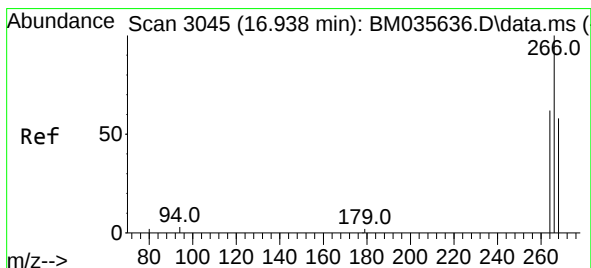
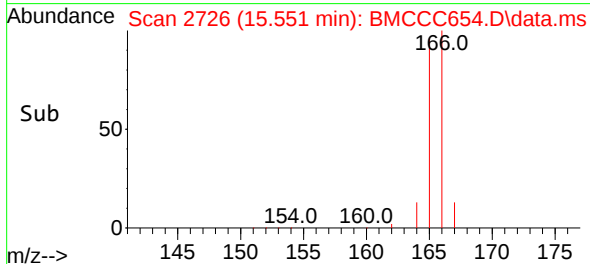
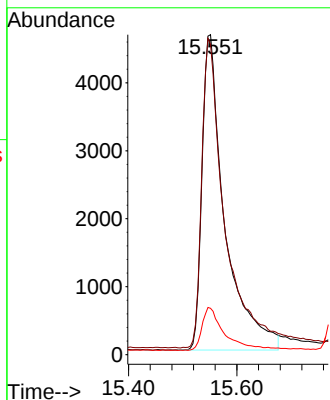
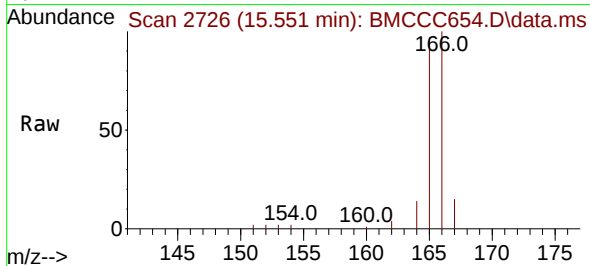




#12
Fluorene
Concen: 0.340 ng/ul
RT: 15.551 min Scan# 21
Delta R.T. 0.013 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

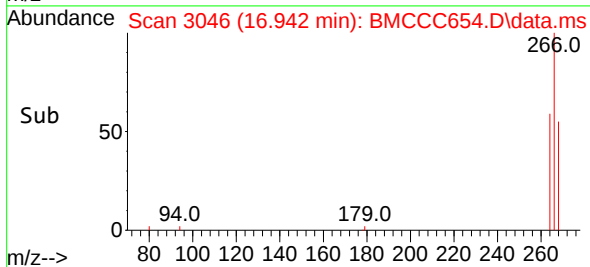
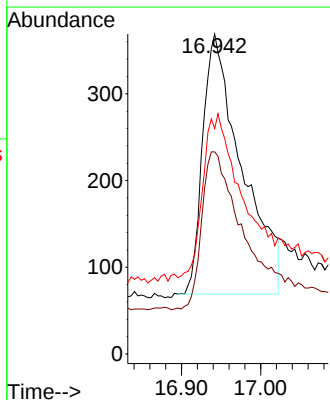
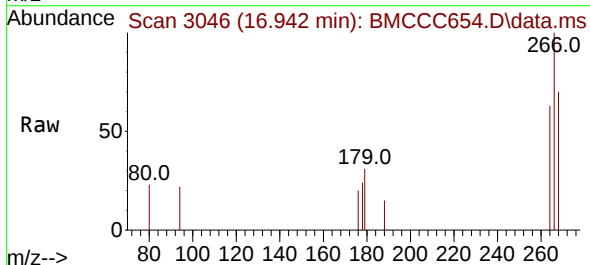
Instrument :
BNA_M
ClientSampleId :

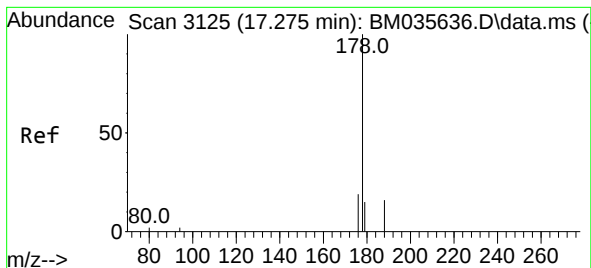
Tgt Ion:166 Resp: 13558
Ion Ratio Lower Upper
166 100
165 97.0 78.7 118.1
167 14.5 11.6 17.4



#14
Pentachlorophenol
Concen: 0.351 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. 0.012 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

Tgt Ion:266 Resp: 1027
Ion Ratio Lower Upper
266 100
264 62.9 51.0 76.4
268 63.4 51.7 77.5





#15

Phenanthrene

Concen: 0.353 ng/u1

RT: 17.280 min Scan# 3125

Delta R.T. 0.008 min

Lab File: BMCCC654.D

Acq: 24 Jun 2022 09:44

Instrument :

BNA_M

ClientSampleId :

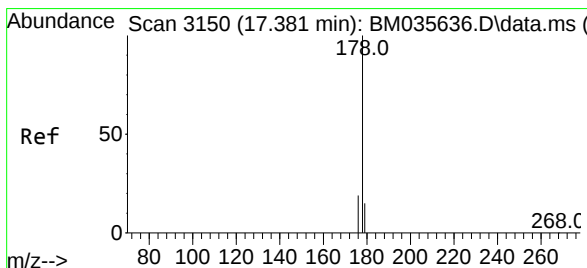
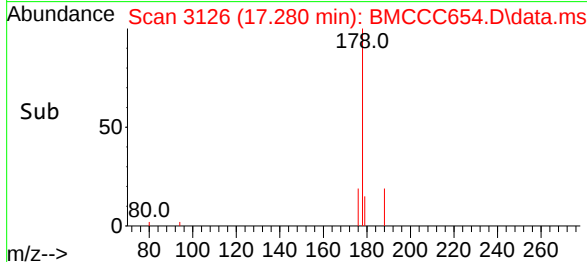
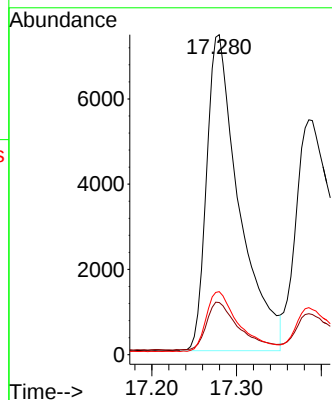
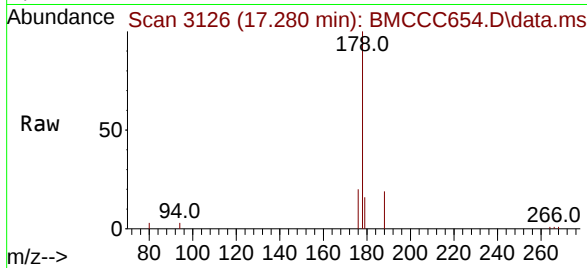
Tgt Ion:178 Resp: 19766

Ion Ratio Lower Upper

178 100

179 16.3 13.2 19.8

176 19.7 16.2 24.4



#16

Anthracene

Concen: 0.339 ng/u1

RT: 17.385 min Scan# 3151

Delta R.T. 0.012 min

Lab File: BMCCC654.D

Acq: 24 Jun 2022 09:44

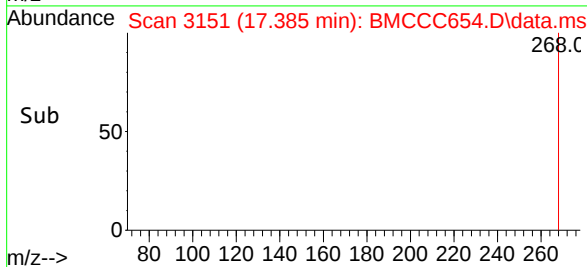
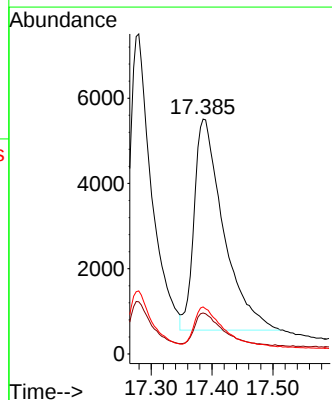
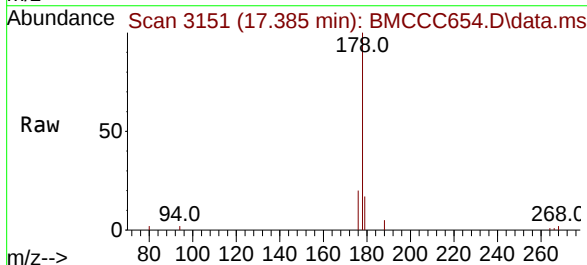
Tgt Ion:178 Resp: 16582

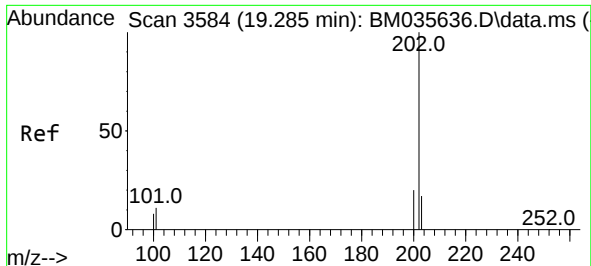
Ion Ratio Lower Upper

178 100

179 17.4 13.4 20.0

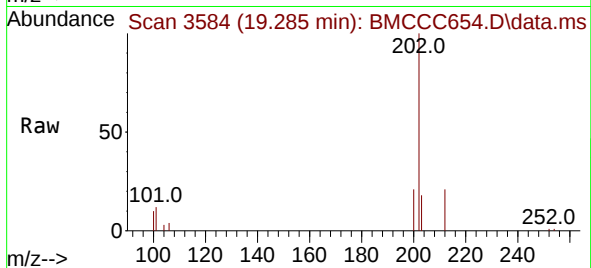
176 20.0 15.9 23.9



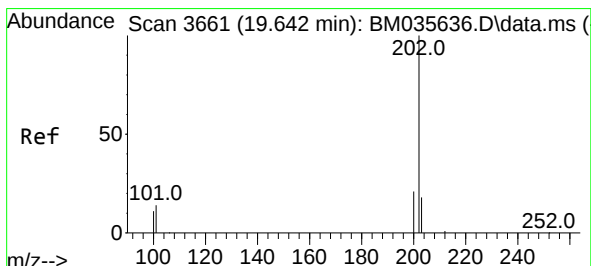
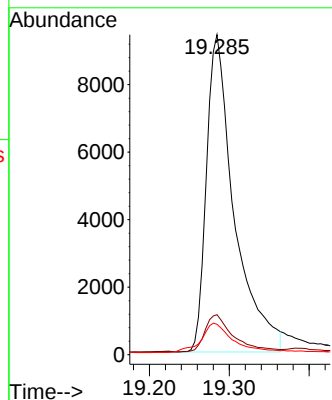
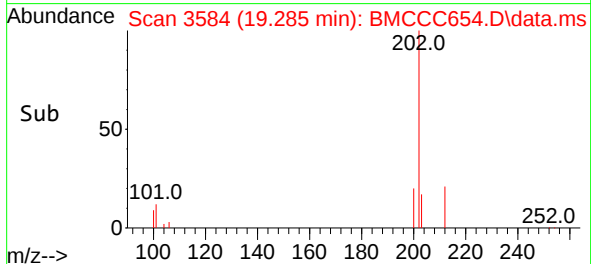


#19
Fluoranthene
Concen: 0.321 ng/u1
RT: 19.285 min Scan# 3584
Delta R.T. -0.001 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

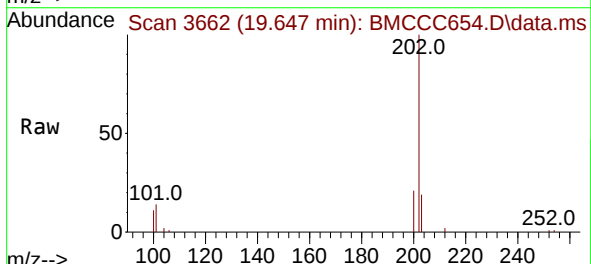
Instrument :
BNA_M
ClientSampleId :



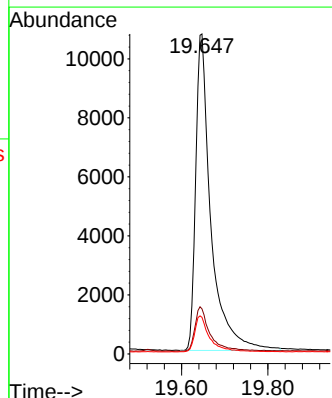
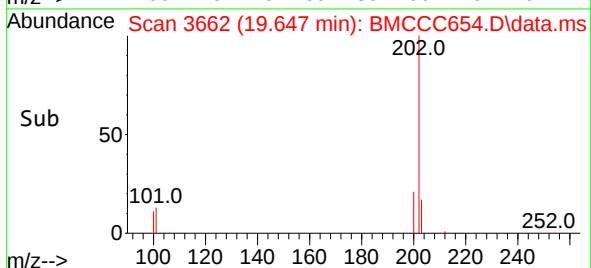
Tgt Ion:202 Resp: 22733
Ion Ratio Lower Upper
202 100
101 12.5 10.0 15.0
100 9.5 7.5 11.3

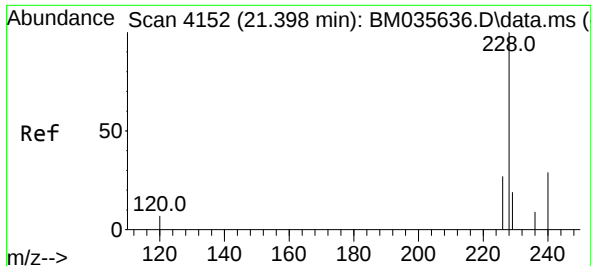


#20
Pyrene
Concen: 0.353 ng/u1
RT: 19.647 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44



Tgt Ion:202 Resp: 26218
Ion Ratio Lower Upper
202 100
101 14.1 11.6 17.4
100 11.4 9.3 13.9

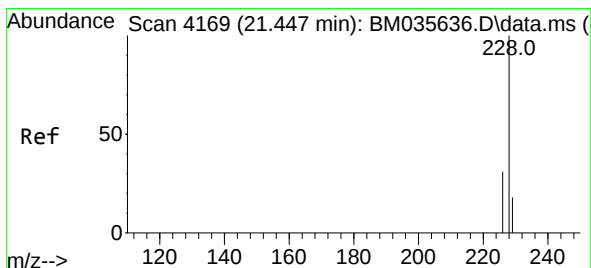
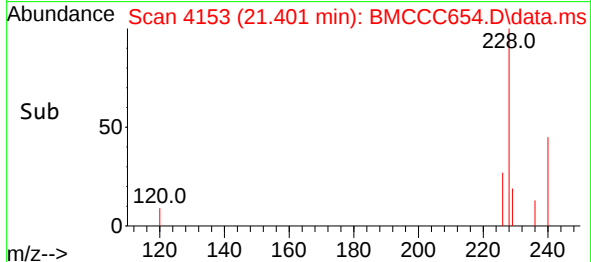
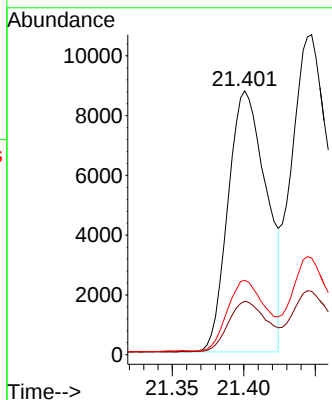
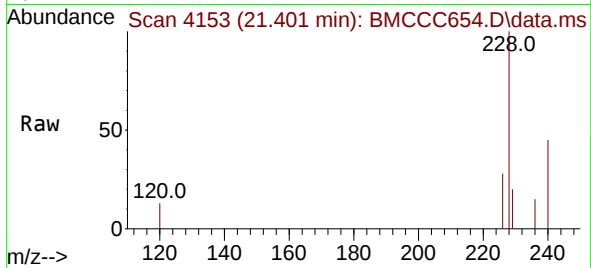




#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.401 min Scan# 4152
Delta R.T. 0.001 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

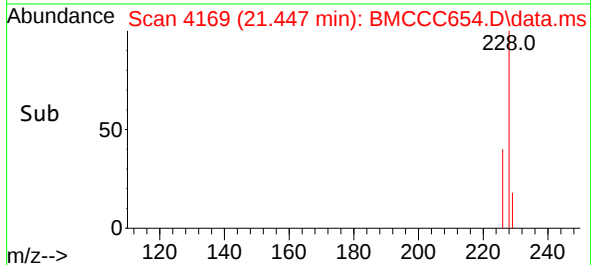
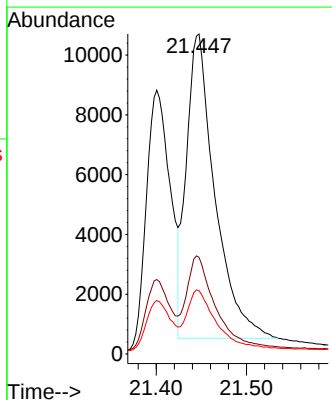
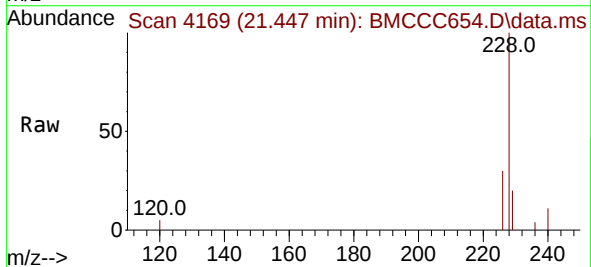
Instrument :
BNA_M
ClientSampleId :

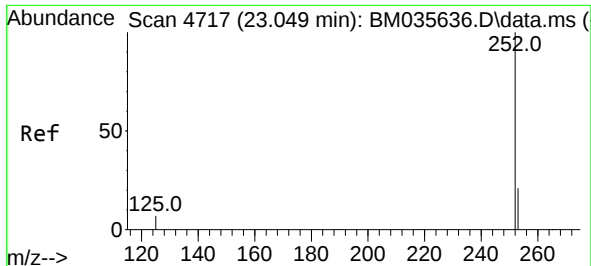
Tgt Ion:228 Resp: 16330
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 28.2 22.3 33.5



#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.447 min Scan# 4169
Delta R.T. -0.002 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

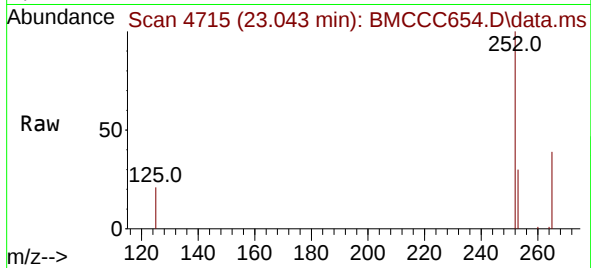
Tgt Ion:228 Resp: 22343
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 19.8 15.8 23.8



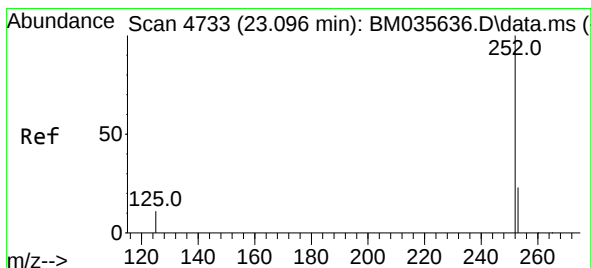
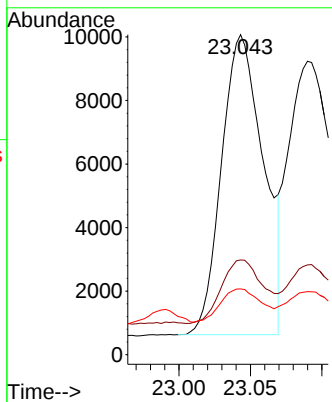
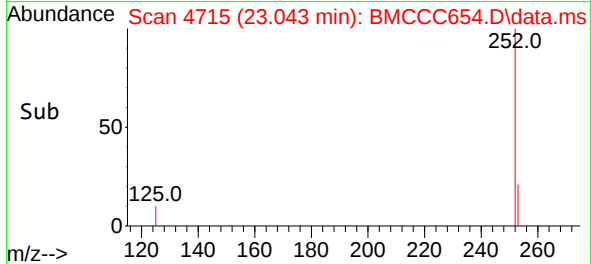


#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 23.043 min Scan# 4715
Delta R.T. -0.008 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

Instrument :
BNA_M
ClientSampleId :

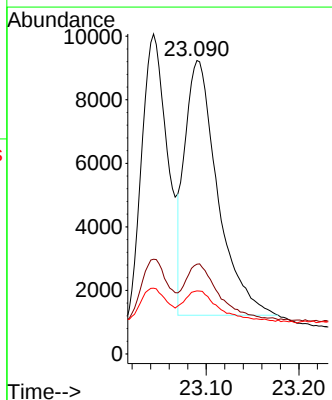
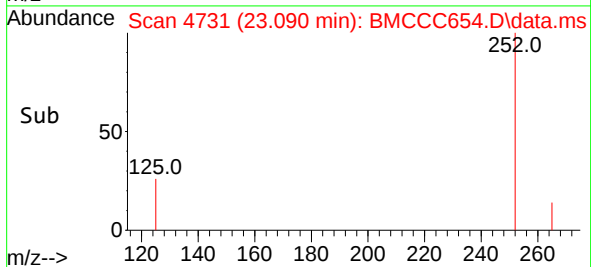
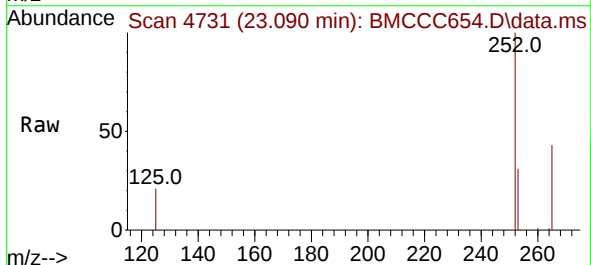


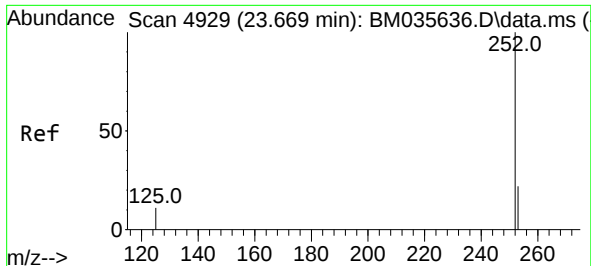
Tgt Ion:252 Resp: 19263
Ion Ratio Lower Upper
252 100
253 29.6 0.0 60.6
125 20.6 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.335 ng/ul
RT: 23.090 min Scan# 4731
Delta R.T. -0.008 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

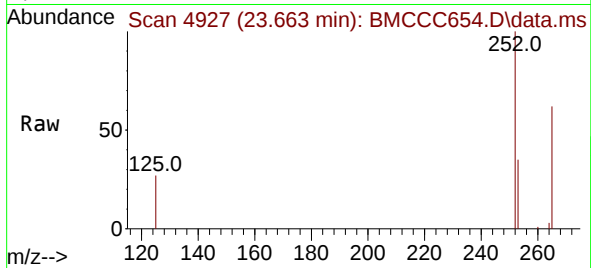
Tgt Ion:252 Resp: 19714
Ion Ratio Lower Upper
252 100
253 30.6 24.7 37.1
125 21.5 18.2 27.4



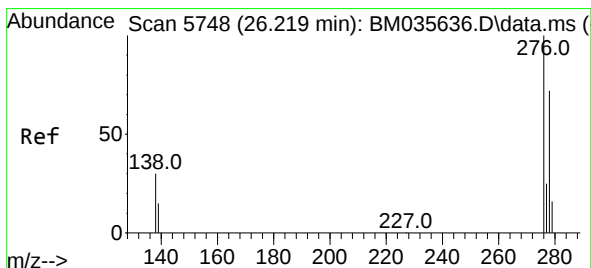
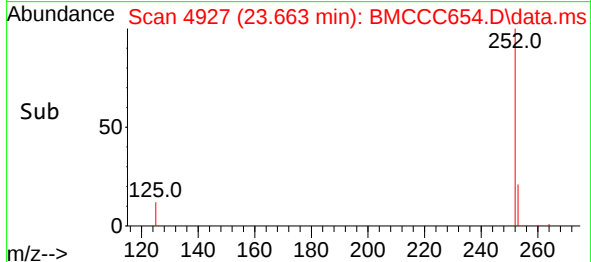
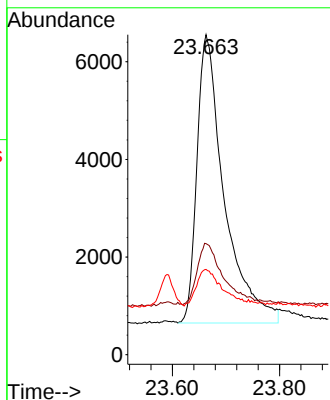


#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 23.663 min Scan# 4927
Delta R.T. -0.005 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

Instrument :
BNA_M
ClientSampleId :

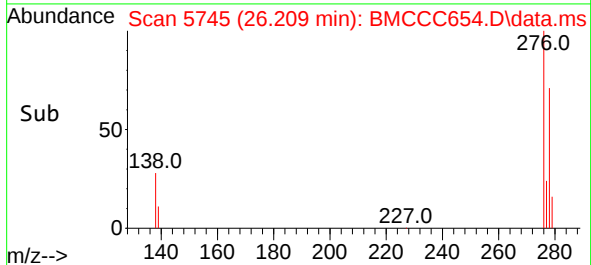
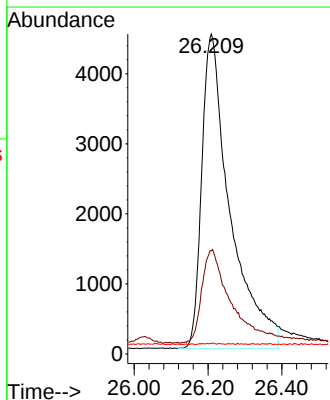
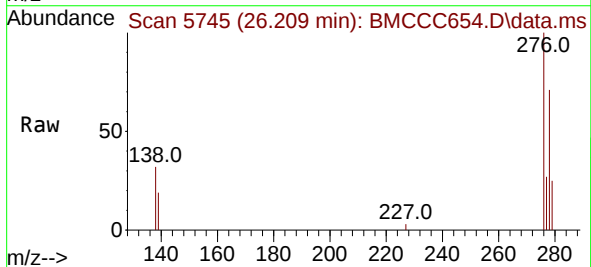


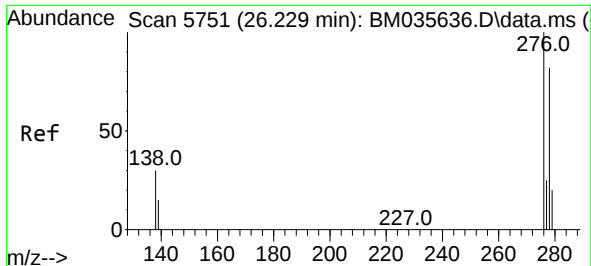
Tgt Ion:252 Resp: 20859
Ion Ratio Lower Upper
252 100
253 34.7 27.8 41.6
125 26.7 23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.209 min Scan# 5745
Delta R.T. -0.002 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

Tgt Ion:276 Resp: 23898
Ion Ratio Lower Upper
276 100
138 30.5 24.8 37.2
227 0.1 0.1 0.1#

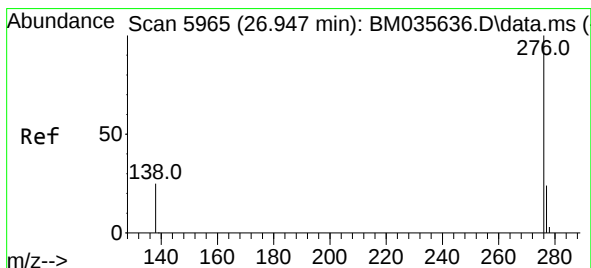
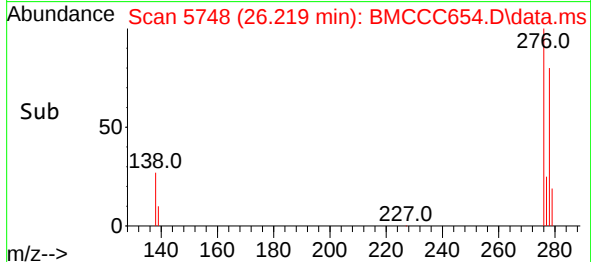
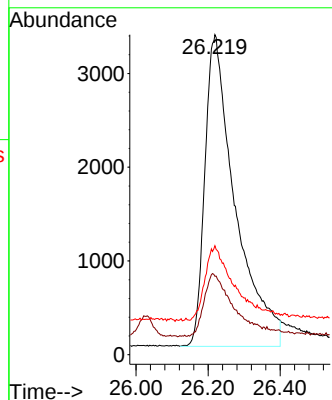
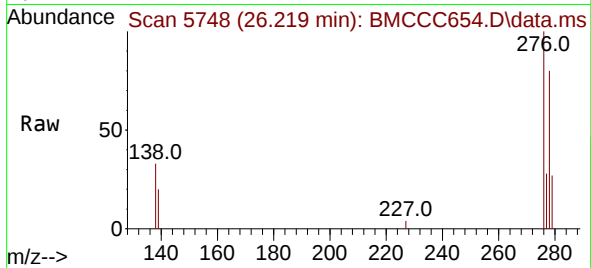




#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 26.219 min Scan# 51
Delta R.T. -0.002 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 19416
Ion Ratio Lower Upper
278 100
139 24.5 19.1 28.7
279 34.0 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 26.937 min Scan# 5962
Delta R.T. -0.009 min
Lab File: BMCCC654.D
Acq: 24 Jun 2022 09:44

Tgt Ion:276 Resp: 21855
Ion Ratio Lower Upper
276 100
138 29.1 23.1 34.7
277 26.6 20.3 30.5

