

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BMCCC568.D
 Acq On : 18 Nov 2022 17:54
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:14:56 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 06:51:41 2022
 Response via : Initial Calibration

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

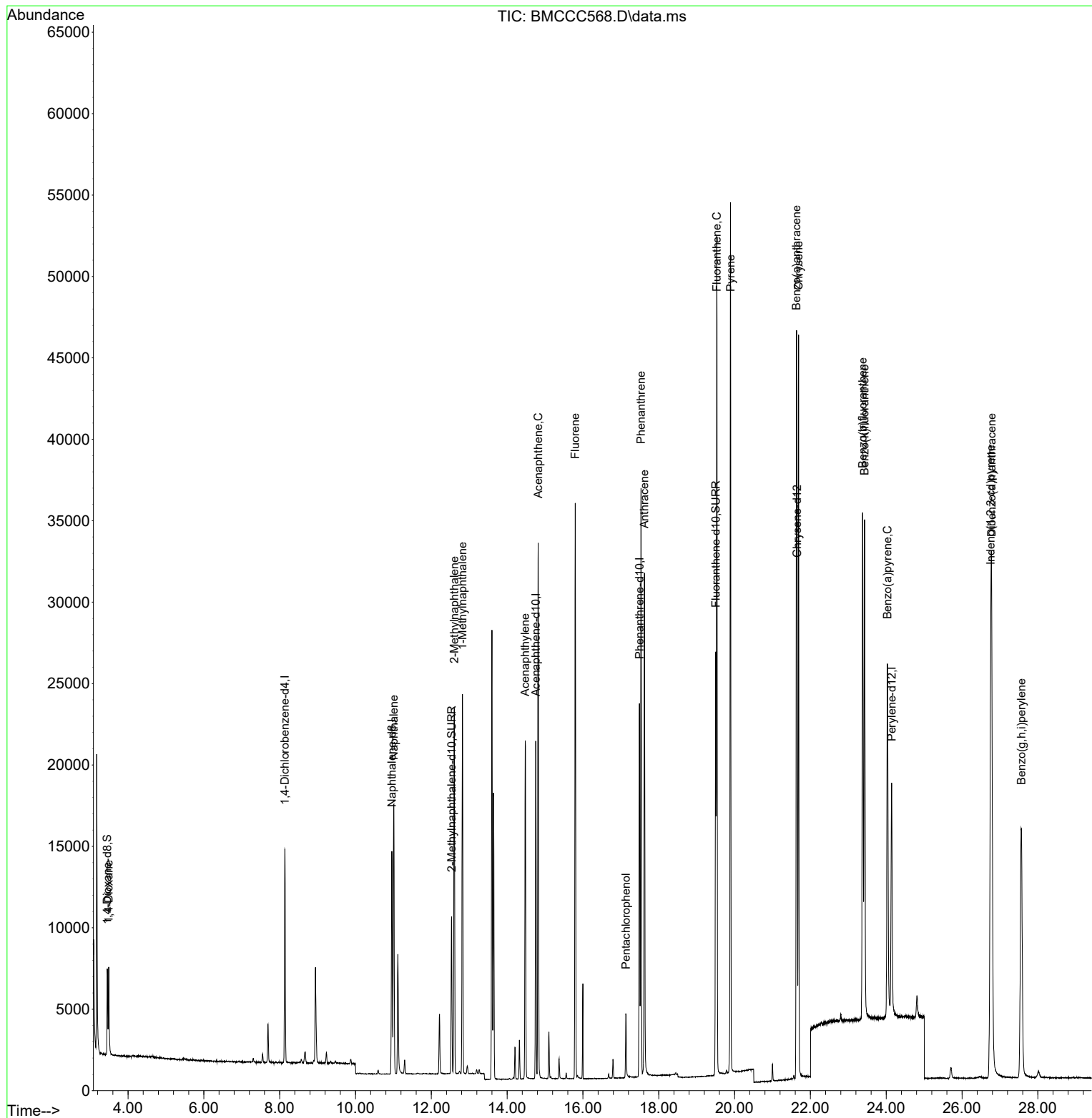
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	6467	0.400	ng/ul	0.00
4) Naphthalene-d8	10.957	136	17724	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.755	164	10823	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.490	188	25133	0.400	ng/ul	0.00
17) Chrysene-d12	21.649	240	19498	0.400	ng/ul	0.00
23) Perylene-d12	24.145	264	19753	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	3354	0.446	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.536	152	11614	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.503	212	26939	0.418	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.491	88	3426	0.438	ng/ul#	57
5) Naphthalene	11.012	128	22669	0.421	ng/ul	98
7) 2-Methylnaphthalene	12.607	142	14849	0.406	ng/ul	100
8) 1-Methylnaphthalene	12.822	142	15207	0.405	ng/ul	100
10) Acenaphthylene	14.478	152	22918	0.381	ng/ul	99
11) Acenaphthene	14.820	153	18158	0.433	ng/ul	98
12) Fluorene	15.796	166	21603	0.428	ng/ul	99
14) Pentachlorophenol	17.132	266	2738	0.486	ng/ul	99
15) Phenanthrene	17.533	178	36744	0.427	ng/ul	100
16) Anthracene	17.621	178	33189	0.400	ng/ul	99
19) Fluoranthene	19.531	202	41726	0.444	ng/ul	96
20) Pyrene	19.893	202	42658	0.436	ng/ul	99
21) Benzo(a)anthracene	21.631	228	36616	0.420	ng/ul	99
22) Chrysene	21.687	228	38729	0.448	ng/ul	100
24) Benzo(b)fluoranthene	23.379	252	40849	0.453	ng/ul	95
25) Benzo(k)fluoranthene	23.429	252	40486	0.445	ng/ul	98
26) Benzo(a)pyrene	24.031	252	34554	0.441	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.759	276	46226	0.446	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.779	278	36936	0.453	ng/ul	97
29) Benzo(g,h,i)perylene	27.567	276	36413	0.413	ng/ul	98

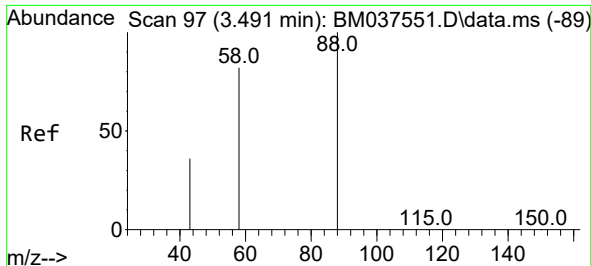
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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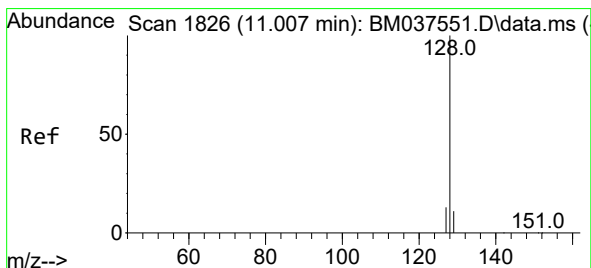
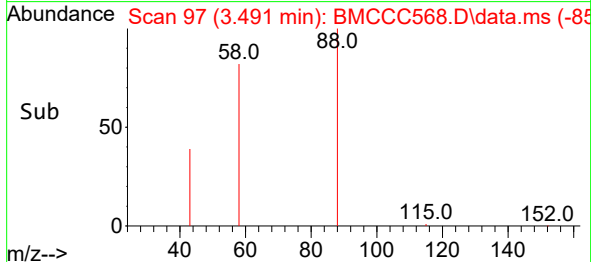
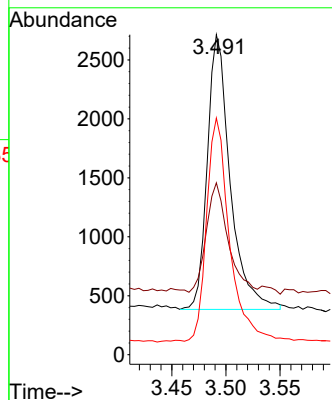
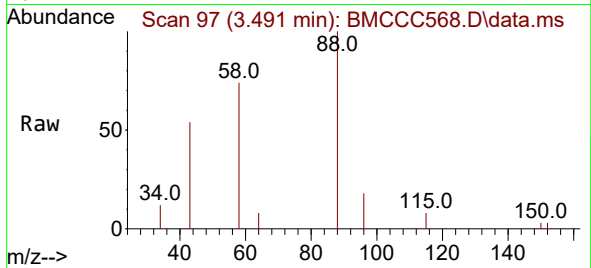




#2
1,4-Dioxane
Concen: 0.438 ng/ul
RT: 3.491 min Scan# 91
Delta R.T. -0.000 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

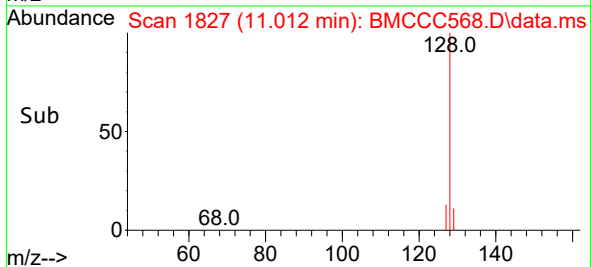
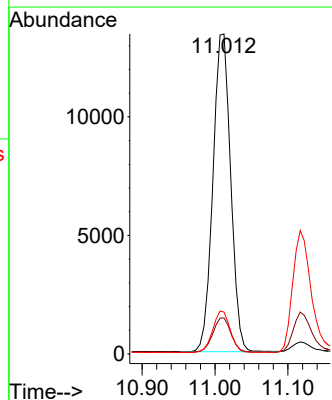
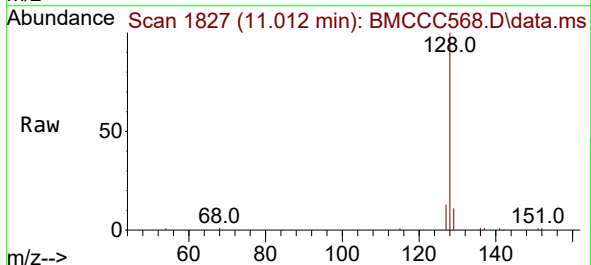
Instrument :
BNA_M
ClientSampleId :

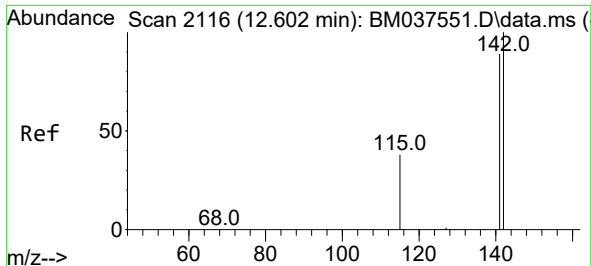
Tgt Ion: 88 Resp: 3426
Ion Ratio Lower Upper
88 100
43 53.7 102.8 154.2#
58 73.9 67.3 100.9



#5
Naphthalene
Concen: 0.421 ng/ul
RT: 11.012 min Scan# 1827
Delta R.T. 0.005 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

Tgt Ion: 128 Resp: 22669
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.1 11.0 16.4

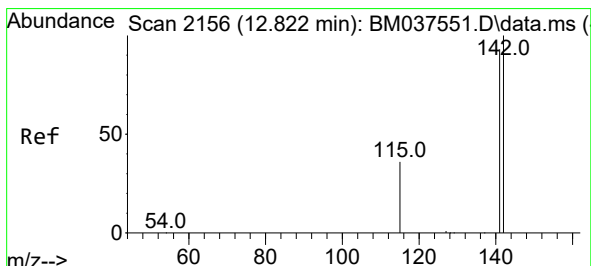
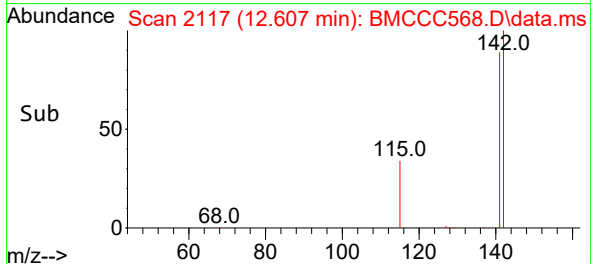
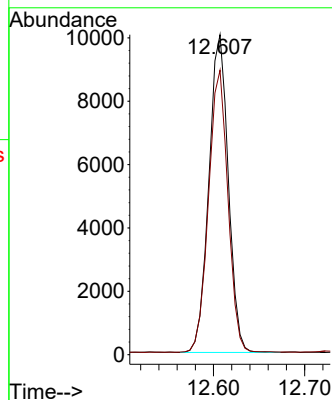
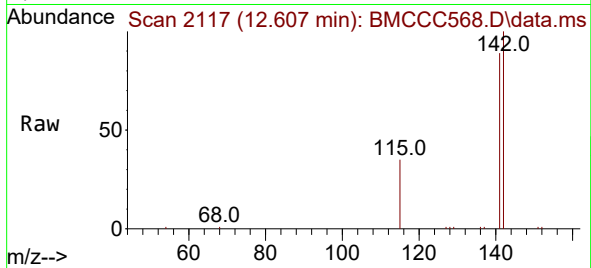




#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.005 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

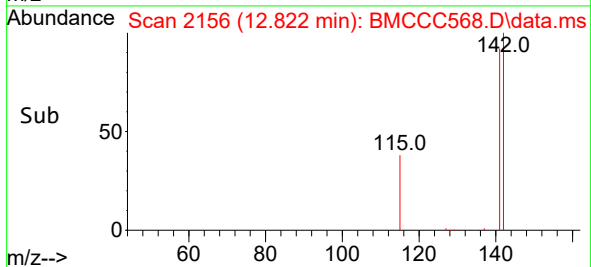
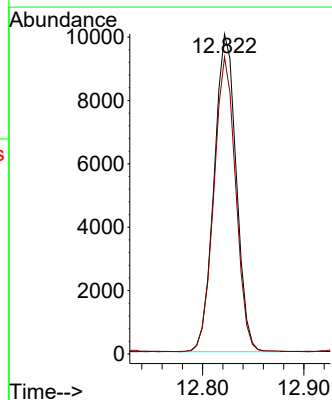
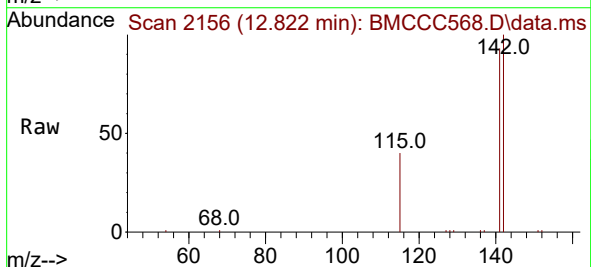
Instrument :
BNA_M
ClientSampleId :

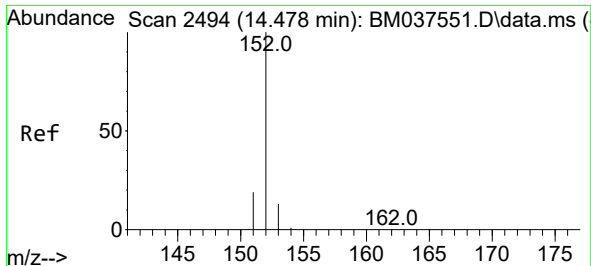
Tgt Ion:142 Resp: 14849
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.822 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

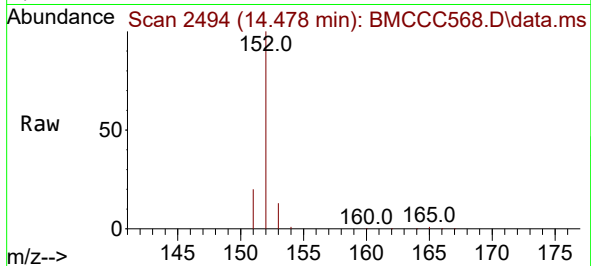
Tgt Ion:142 Resp: 15207
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0



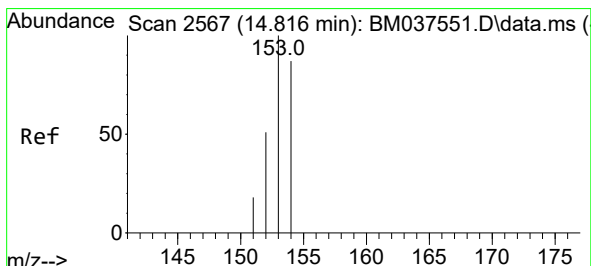
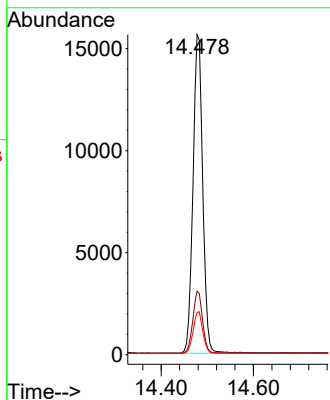
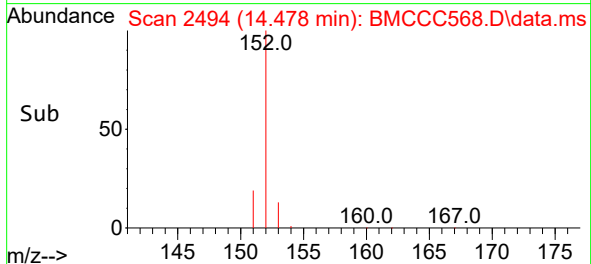


#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 14.478 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

Instrument :
BNA_M
ClientSampleId :

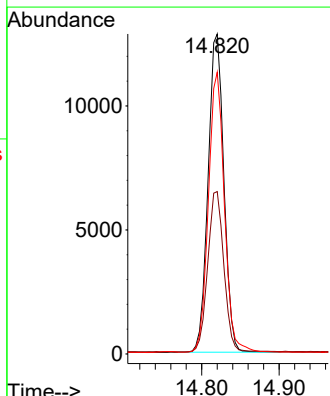
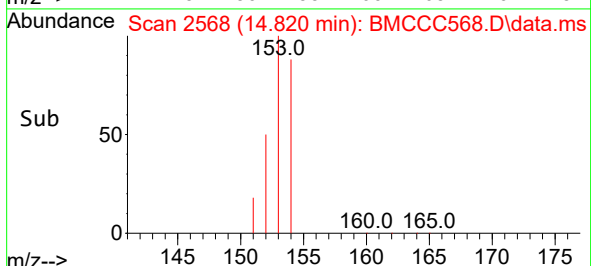
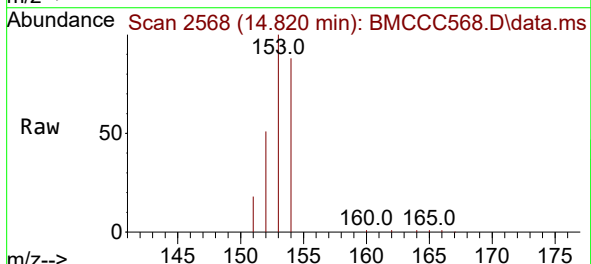


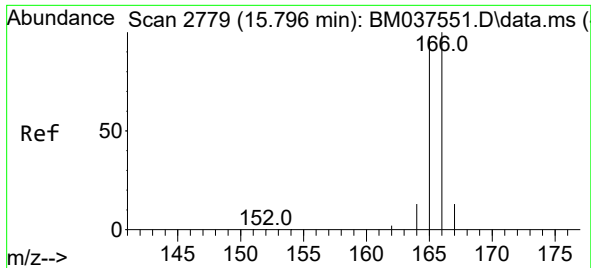
Tgt Ion:152 Resp: 22918
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 11.0 16.4



#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.820 min Scan# 2568
Delta R.T. 0.004 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

Tgt Ion:153 Resp: 18158
Ion Ratio Lower Upper
153 100
152 50.8 39.4 59.0
154 88.0 69.5 104.3

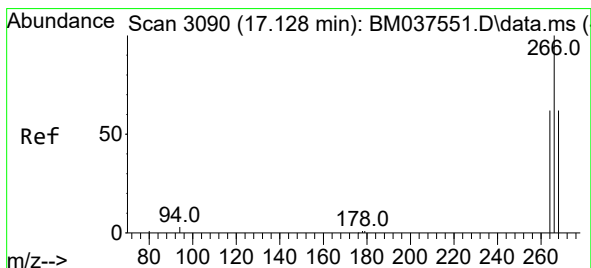
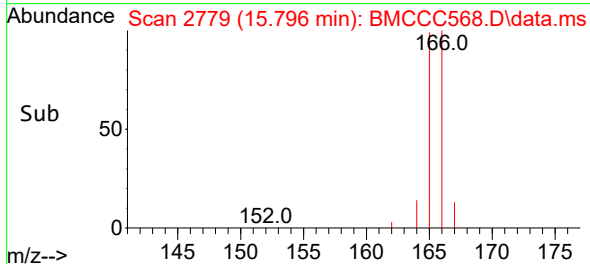
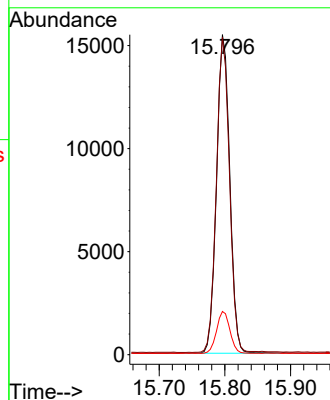
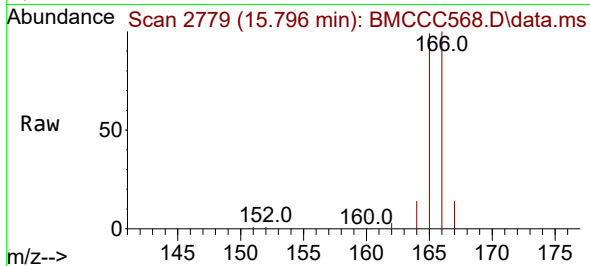




#12
Fluorene
Concen: 0.428 ng/ul
RT: 15.796 min Scan# 21
Delta R.T. -0.000 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

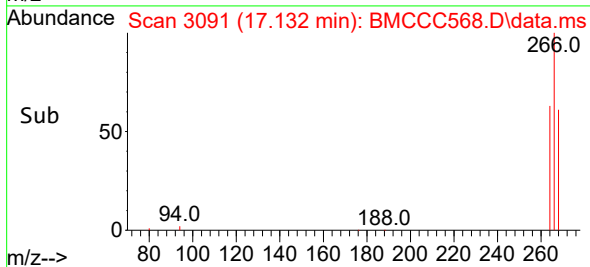
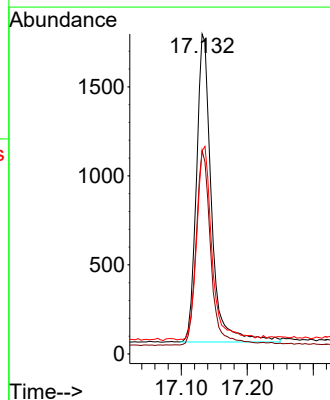
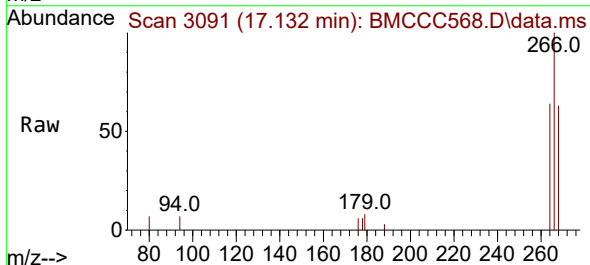
Instrument :
BNA_M
ClientSampleId :

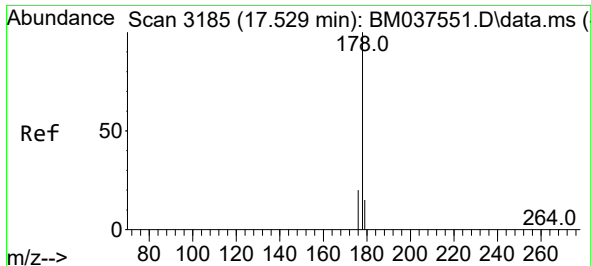
Tgt Ion:166 Resp: 21603
Ion Ratio Lower Upper
166 100
165 99.2 78.7 118.1
167 13.5 11.3 16.9



#14
Pentachlorophenol
Concen: 0.486 ng/ul
RT: 17.132 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

Tgt Ion:266 Resp: 2738
Ion Ratio Lower Upper
266 100
264 62.6 50.2 75.2
268 63.7 52.0 78.0

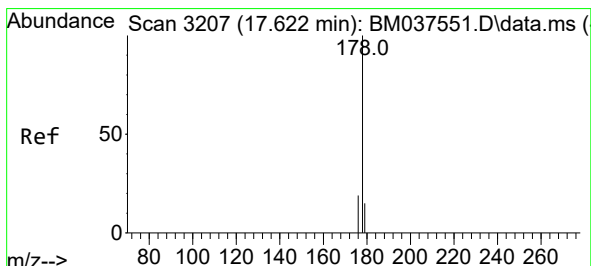
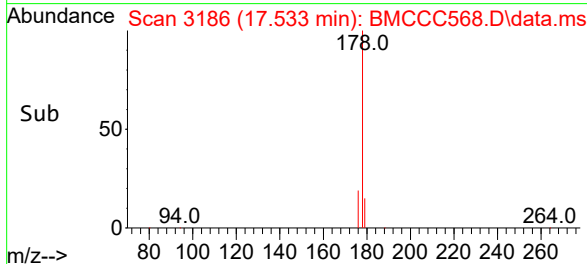
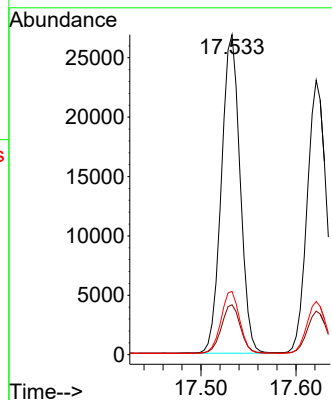
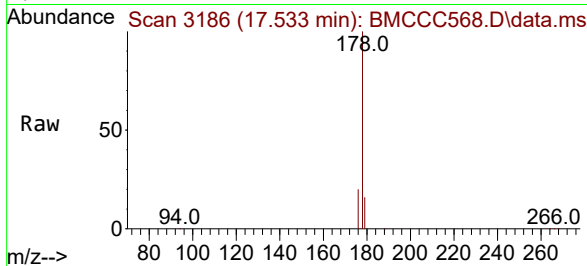




#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.533 min Scan# 3186
Delta R.T. 0.004 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

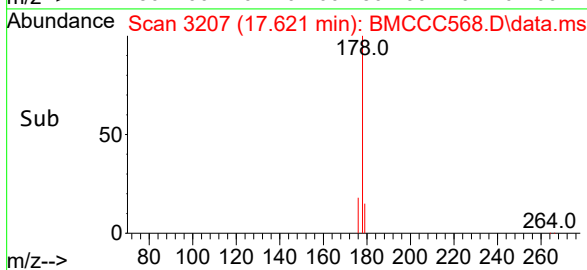
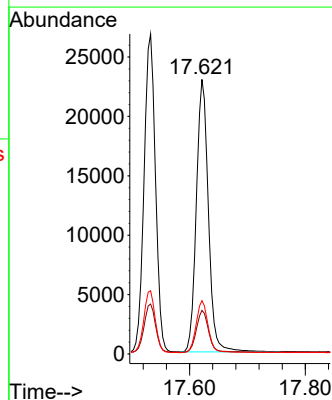
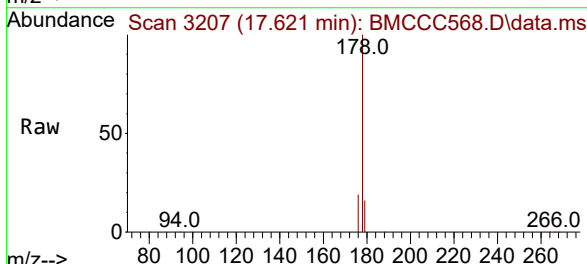
Instrument :
BNA_M
ClientSampleId :

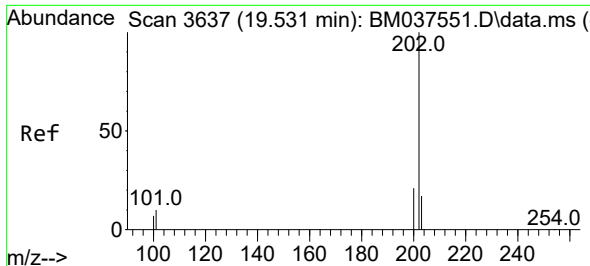
Tgt Ion:178 Resp: 36744
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.8 16.0 24.0



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.621 min Scan# 3207
Delta R.T. 0.004 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

Tgt Ion:178 Resp: 33189
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.4 15.0 22.6

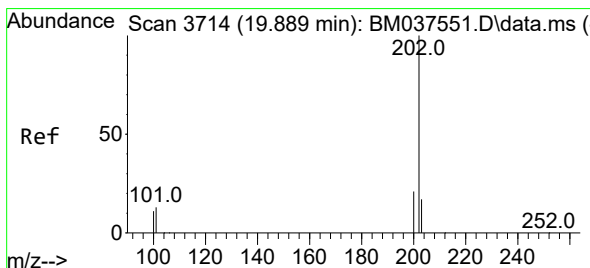
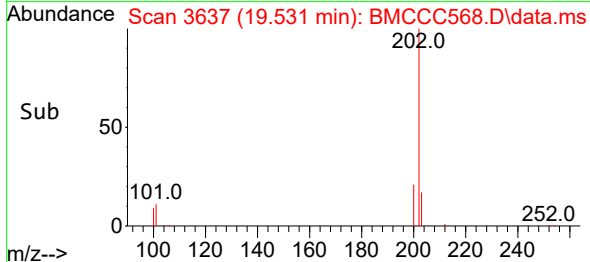
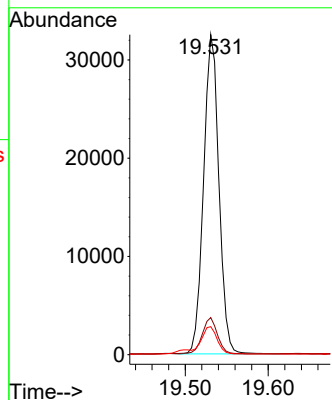
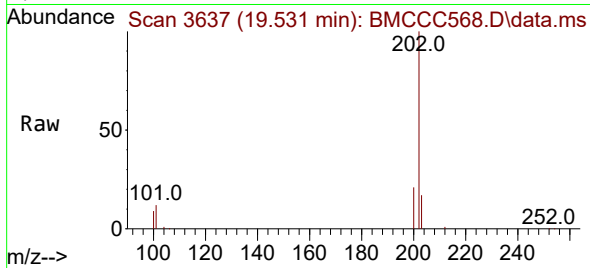




#19
Fluoranthene
Concen: 0.444 ng/ul
RT: 19.531 min Scan# 30
Delta R.T. -0.000 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

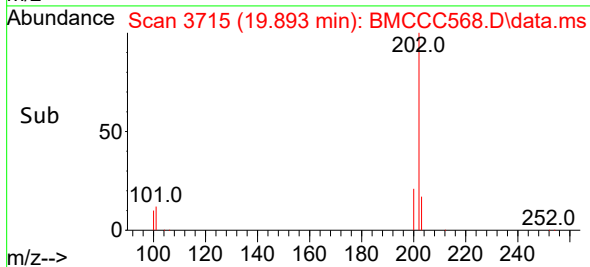
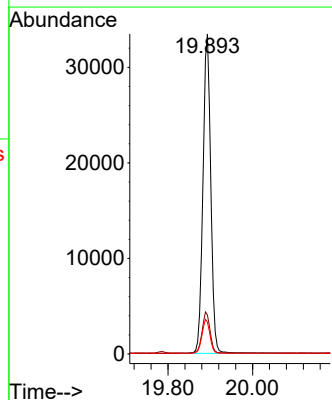
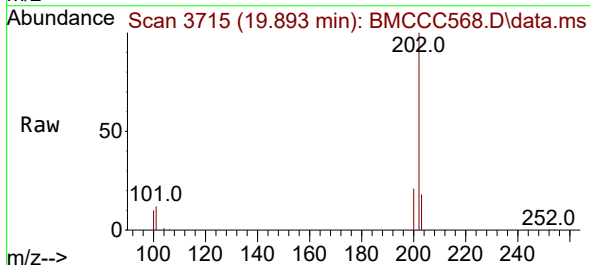
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BNA_M
ClientSampleId :

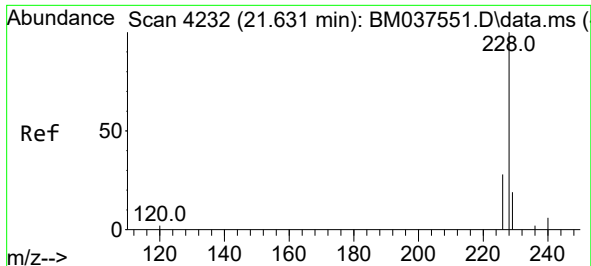
Tgt Ion:202 Resp: 41726
Ion Ratio Lower Upper
202 100
101 11.6 8.2 12.2
100 8.8 6.1 9.1



#20
Pyrene
Concen: 0.436 ng/ul
RT: 19.893 min Scan# 3715
Delta R.T. 0.005 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

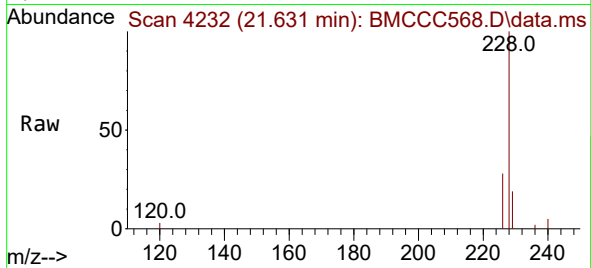
Tgt Ion:202 Resp: 42658
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 10.0 8.0 12.0



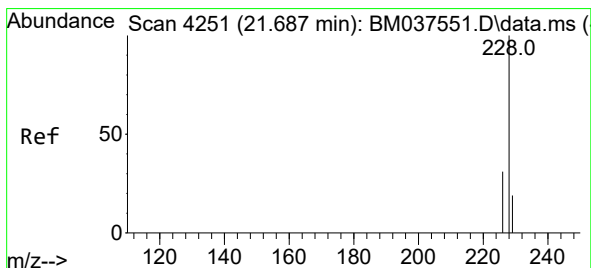
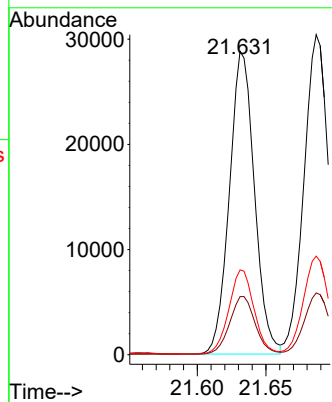
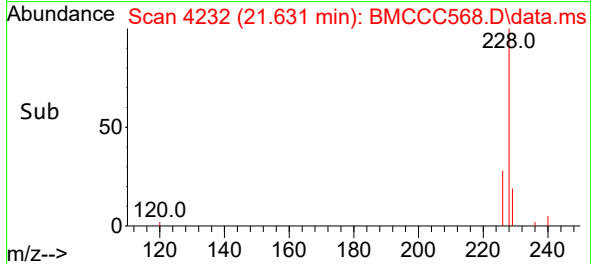


#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.631 min Scan# 41
Delta R.T. -0.000 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

Instrument :
BNA_M
ClientSampleId :

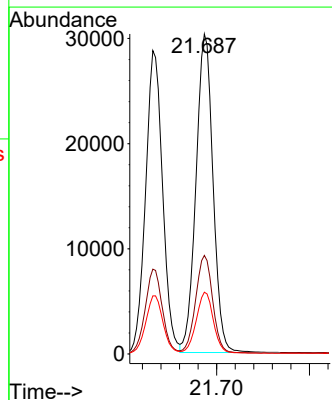
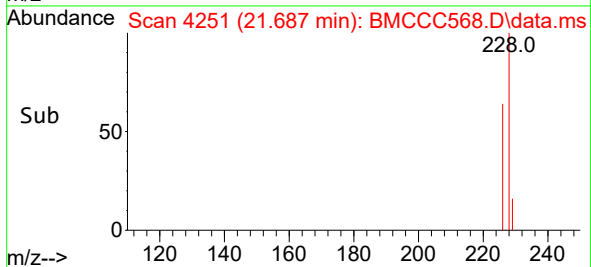
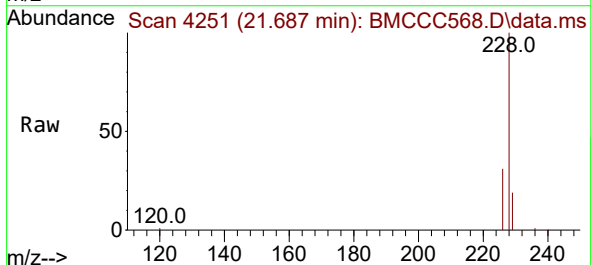


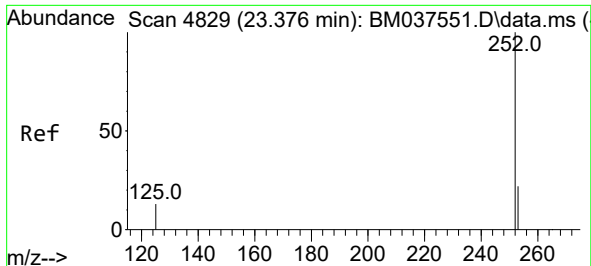
Tgt Ion:228 Resp: 36616
Ion Ratio Lower Upper
228 100
229 19.1 15.7 23.5
226 28.0 22.2 33.2



#22
Chrysene
Concen: 0.448 ng/ul
RT: 21.687 min Scan# 4251
Delta R.T. 0.003 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

Tgt Ion:228 Resp: 38729
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.3 15.5 23.3

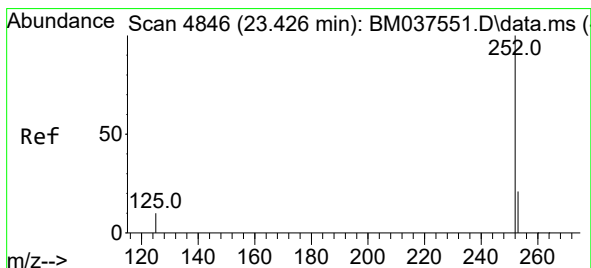
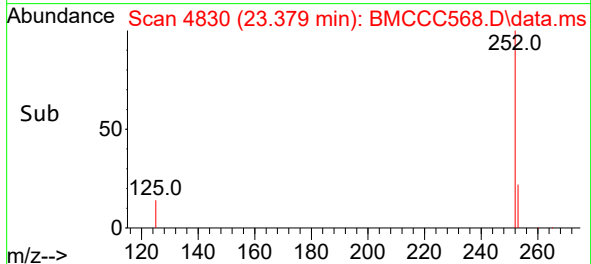
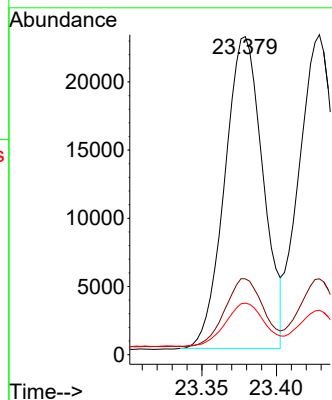
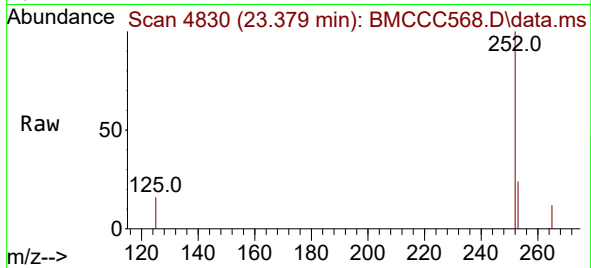




#24
Benzo(b)fluoranthene
Concen: 0.453 ng/ul
RT: 23.379 min Scan# 4829
Delta R.T. 0.006 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

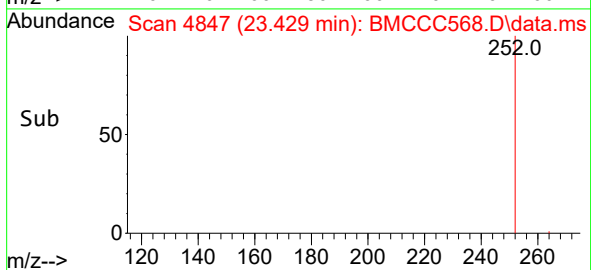
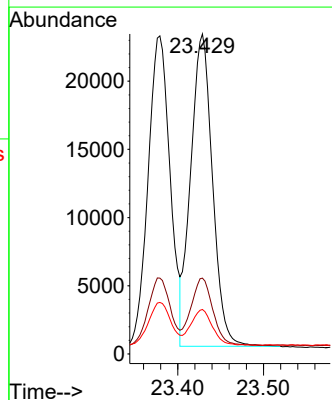
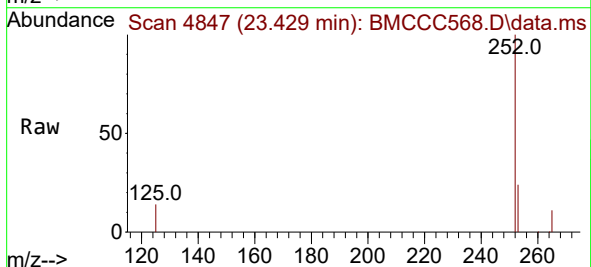
Instrument :
BNA_M
ClientSampleId :

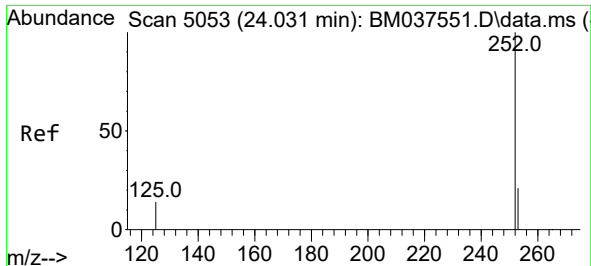
Tgt Ion:252 Resp: 40849
Ion Ratio Lower Upper
252 100
253 23.8 0.0 46.2
125 16.2 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.445 ng/ul
RT: 23.429 min Scan# 4847
Delta R.T. 0.003 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

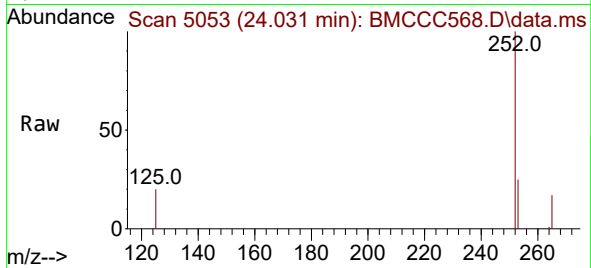
Tgt Ion:252 Resp: 40486
Ion Ratio Lower Upper
252 100
253 23.7 18.8 28.2
125 13.9 9.8 14.6



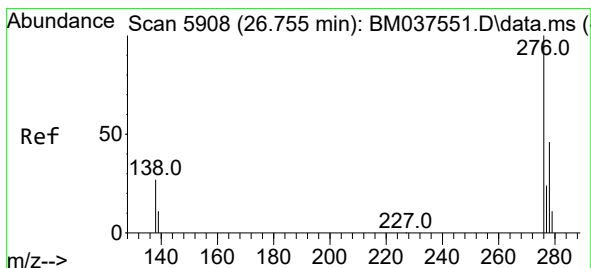
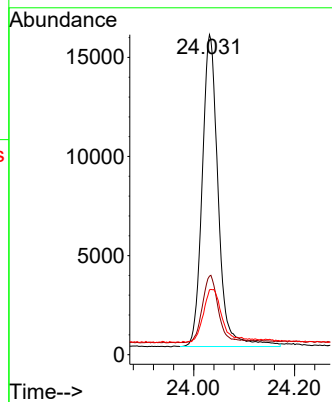
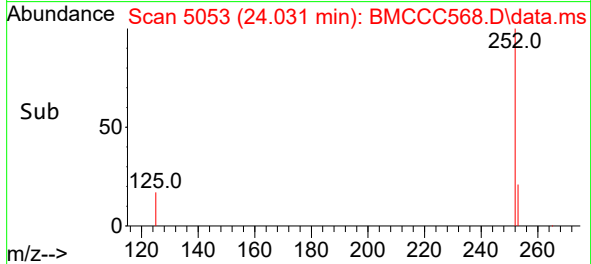


#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 24.031 min Scan# 5053
Delta R.T. 0.003 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

Instrument :
BNA_M
ClientSampleId :

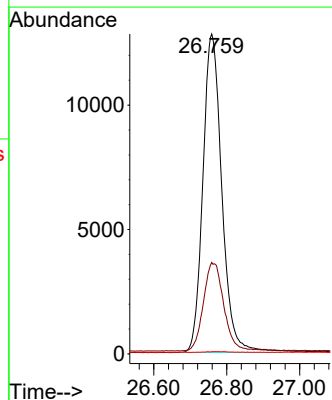
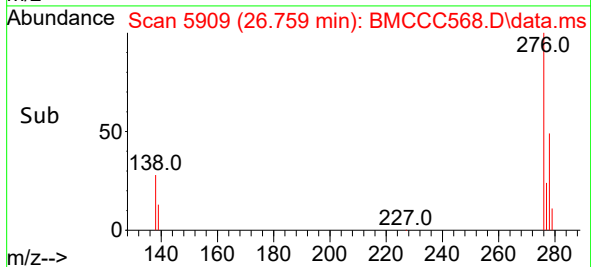
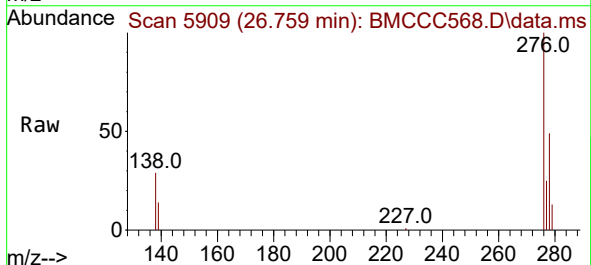


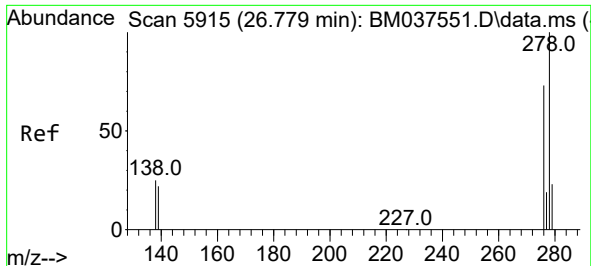
Tgt Ion:252 Resp: 34554
Ion Ratio Lower Upper
252 100
253 24.6 18.8 28.2
125 20.3 10.5 15.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng/ul
RT: 26.759 min Scan# 5909
Delta R.T. 0.003 min
Lab File: BMCCC568.D
Acq: 18 Nov 2022 17:54

Tgt Ion:276 Resp: 46226
Ion Ratio Lower Upper
276 100
138 30.0 21.2 31.8
227 0.2 0.1 0.1#

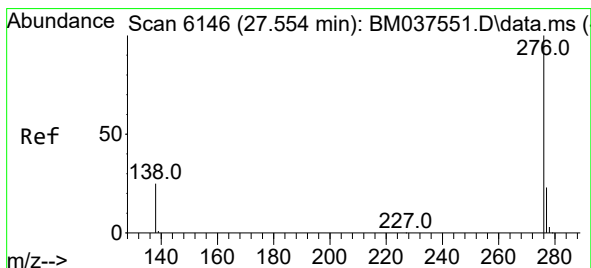
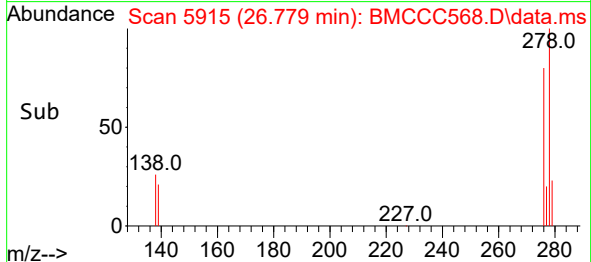
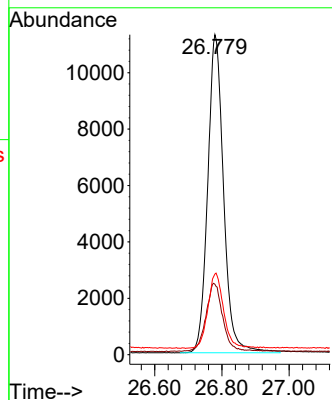
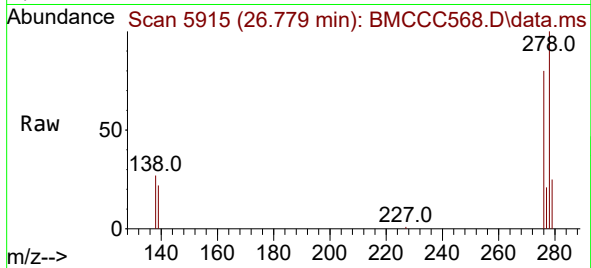




#28
 Dibenzo(a,h)anthracene
 Concen: 0.453 ng/ul
 RT: 26.779 min Scan# 5915
 Delta R.T. -0.000 min
 Lab File: BMCCC568.D
 Acq: 18 Nov 2022 17:54

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 36936
 Ion Ratio Lower Upper
 278 100
 139 22.0 15.2 22.8
 279 25.2 20.2 30.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.413 ng/ul
 RT: 27.567 min Scan# 6150
 Delta R.T. 0.007 min
 Lab File: BMCCC568.D
 Acq: 18 Nov 2022 17:54

Tgt Ion:276 Resp: 36413
 Ion Ratio Lower Upper
 276 100
 138 25.5 19.0 28.4
 277 24.2 19.4 29.2

