

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037070.D
 Acq On : 15 Oct 2022 01:02
 Operator : CG/JU
 Sample : N5049-07
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COBL8

Quant Time: Oct 15 02:31:42 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 : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

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

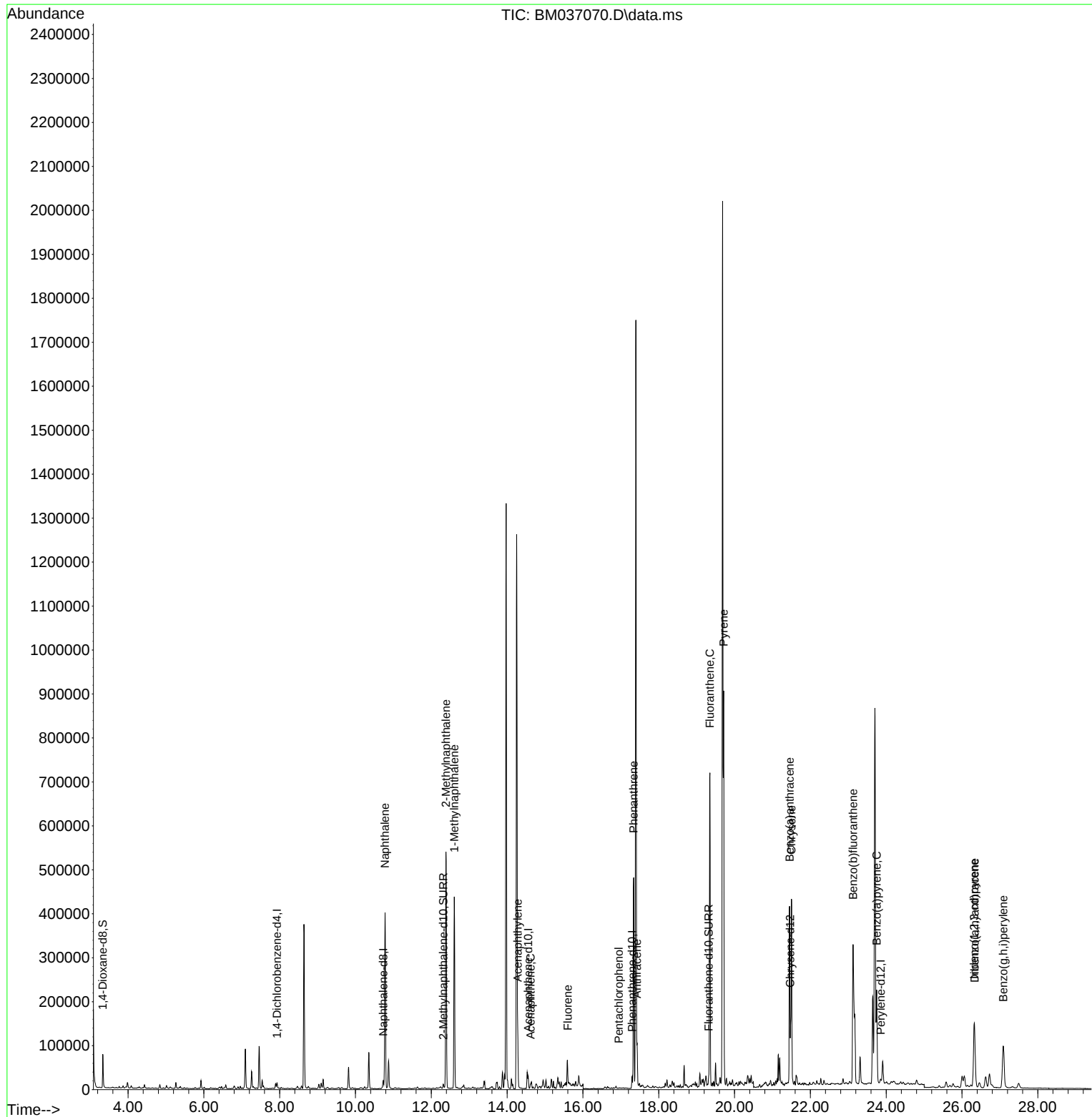
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6518	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	23585	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.557	164	14577	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	27261	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	16843	0.400	ng/ul	# 0.00
23) Perylene-d12	23.855	264	13061	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	47910	5.212	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12622	0.354	ng/ul	-0.01
18) Fluoranthene-d10	19.318	212	25230	0.501	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	512592	7.602	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	375195	9.097	ng/ul	91
8) 1-Methylnaphthalene	12.607	142	287472	6.862	ng/ul	99
10) Acenaphthylene	14.280	152	121639	2.008	ng/ul#	96
11) Acenaphthene	14.622	153	9769	0.186	ng/ul	94
12) Fluorene	15.603	166	15102	0.253	ng/ul#	76
14) Pentachlorophenol	16.947	266	205	0.031	ng/ul	94
15) Phenanthrene	17.339	178	491925	5.652	ng/ul	99
16) Anthracene	17.428	178	93330	1.283	ng/ul	99
19) Fluoranthene	19.350	202	594924	8.880	ng/ul	98
20) Pyrene	19.713	202	688204	9.851	ng/ul	98
21) Benzo(a)anthracene	21.452	228	328968	5.406	ng/ul	97
22) Chrysene	21.502	228	432270	6.616	ng/ul	98
24) Benzo(b)fluoranthene	23.127	252	548102	9.394	ng/ul	85
26) Benzo(a)pyrene	23.749	252	297973	6.294	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.322	276	249092	3.715	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.332	278	61175	1.129	ng/ul#	92
29) Benzo(g,h,i)perylene	27.090	276	211094	3.572	ng/ul	96

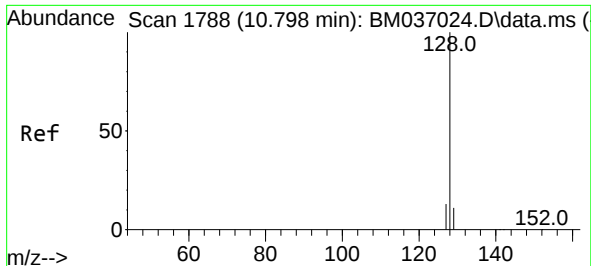
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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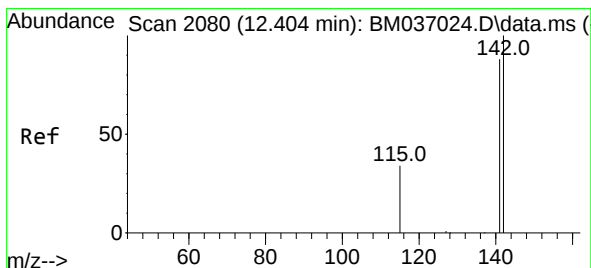
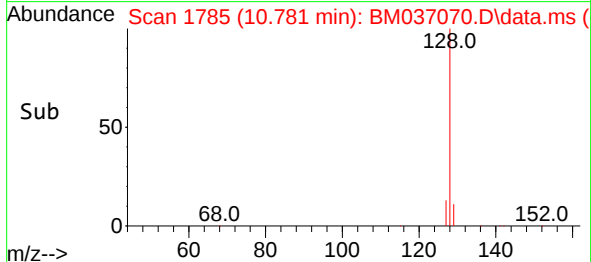
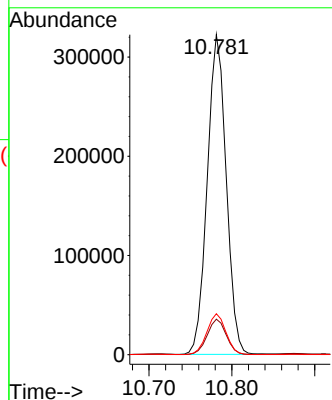
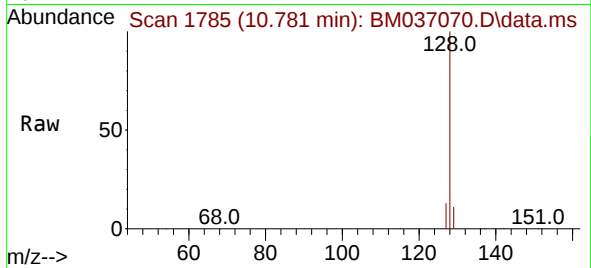




#5
Naphthalene
Concen: 7.602 ng/ul
RT: 10.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

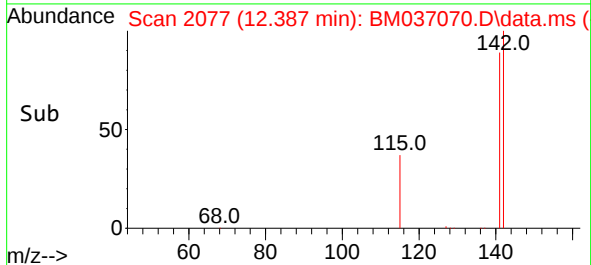
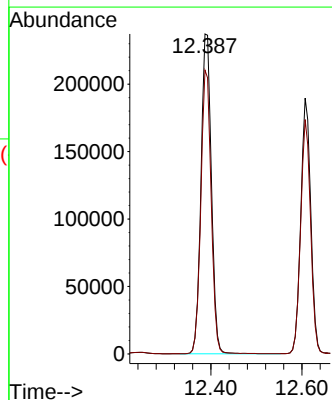
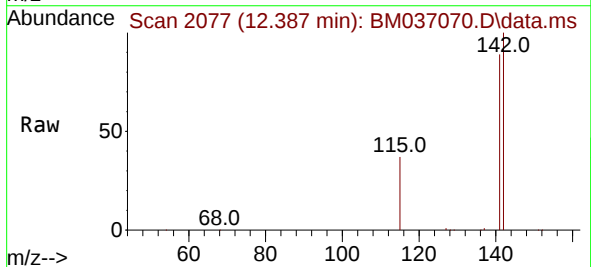
Instrument :
BNA_M
ClientSampleId :
COBL8

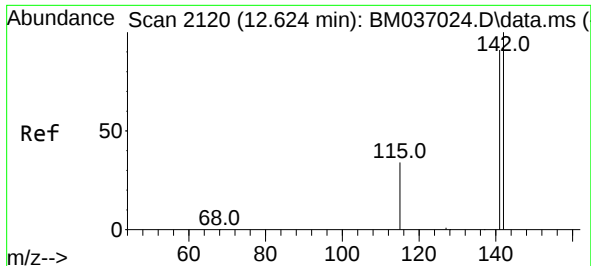
Tgt Ion:128 Resp: 512592
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.8 11.7 17.5



#7
2-Methylnaphthalene
Concen: 9.097 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.011 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

Tgt Ion:142 Resp: 375195
Ion Ratio Lower Upper
142 100
141 87.9 77.4 116.0

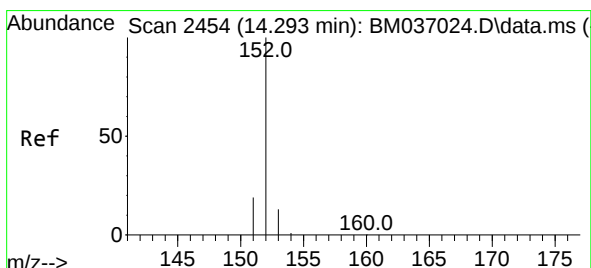
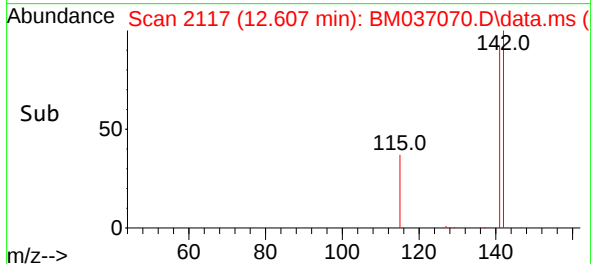
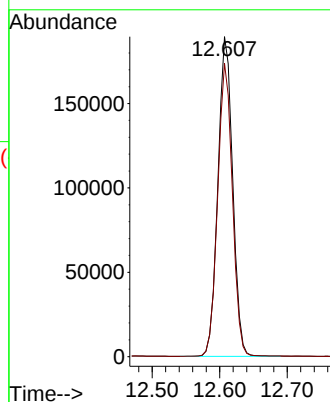
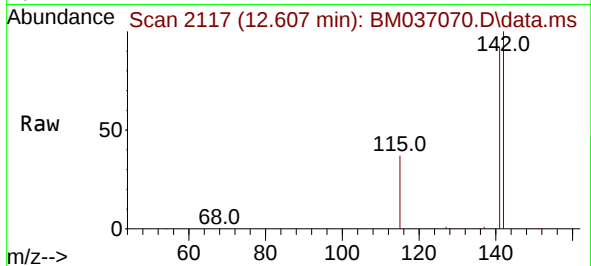




#8
1-Methylnaphthalene
Concen: 6.862 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

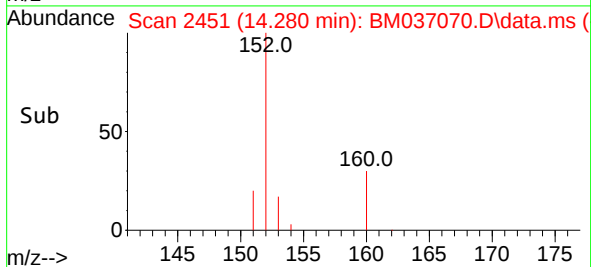
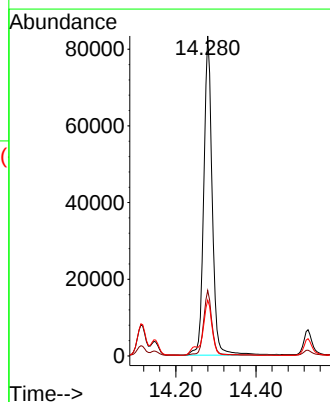
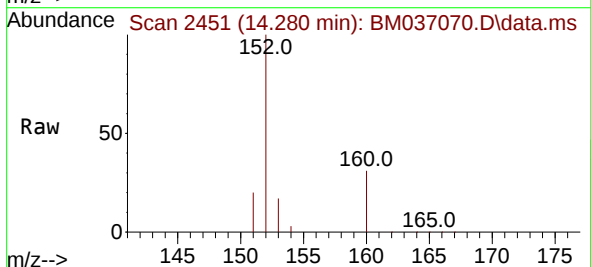
Instrument :
BNA_M
ClientSampleId :
COBL8

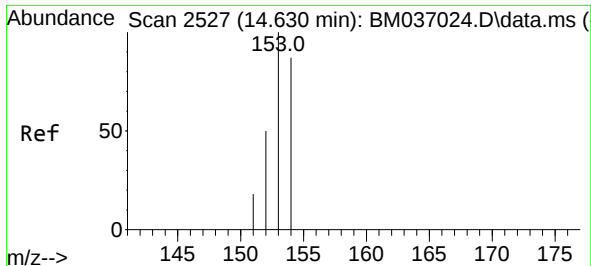
Tgt Ion:142 Resp: 287472
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1



#10
Acenaphthylene
Concen: 2.008 ng/ul
RT: 14.280 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

Tgt Ion:152 Resp: 121639
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 17.4 11.4 17.0#

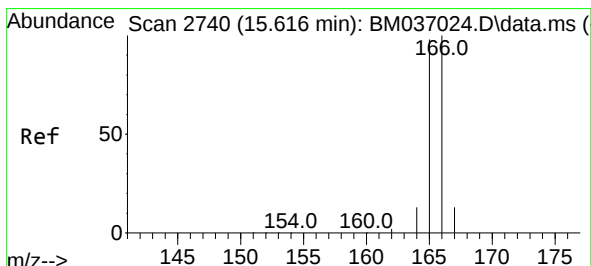
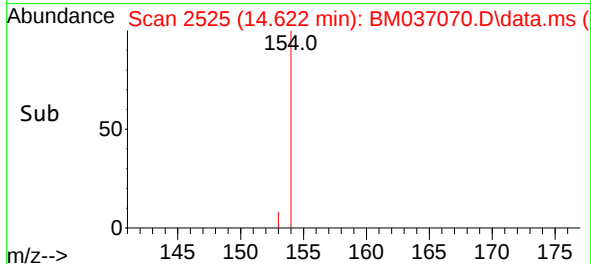
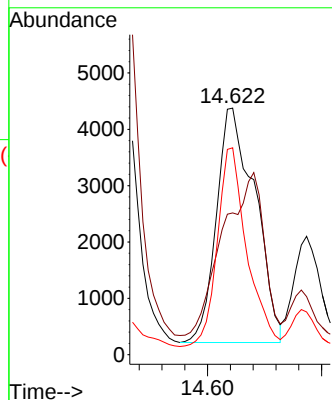
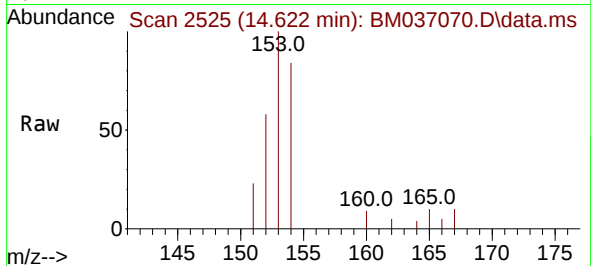




#11
Acenaphthene
Concen: 0.186 ng/u1
RT: 14.622 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

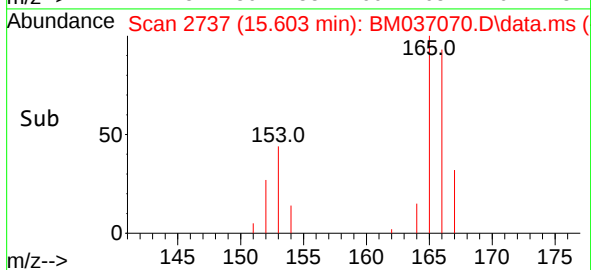
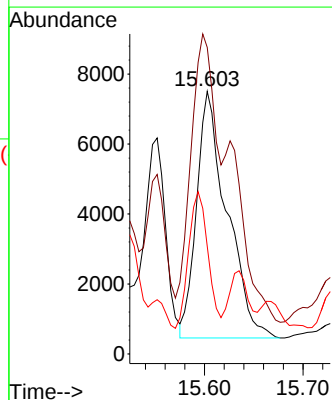
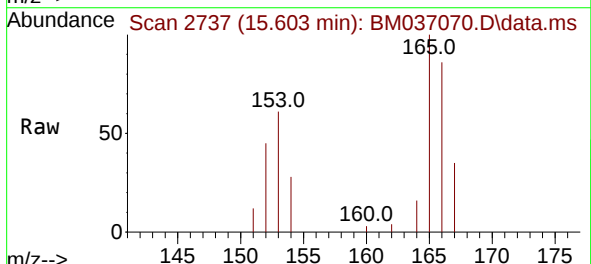
Instrument :
BNA_M
ClientSampleId :
COBL8

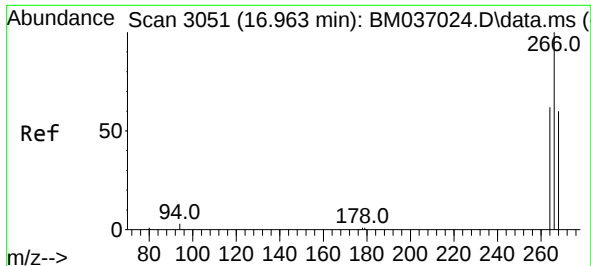
Tgt Ion:153 Resp: 9769
Ion Ratio Lower Upper
153 100
152 57.5 40.2 60.4
154 83.9 69.7 104.5



#12
Fluorene
Concen: 0.253 ng/u1
RT: 15.603 min Scan# 2737
Delta R.T. -0.005 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

Tgt Ion:166 Resp: 15102
Ion Ratio Lower Upper
166 100
165 116.7 78.9 118.3
167 41.0 11.3 16.9#

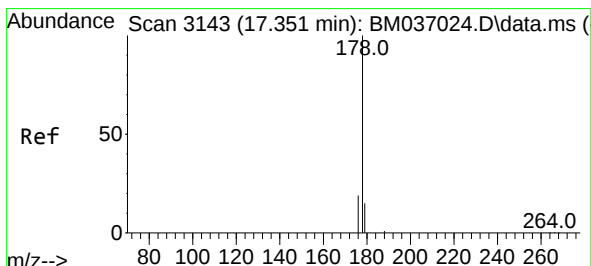
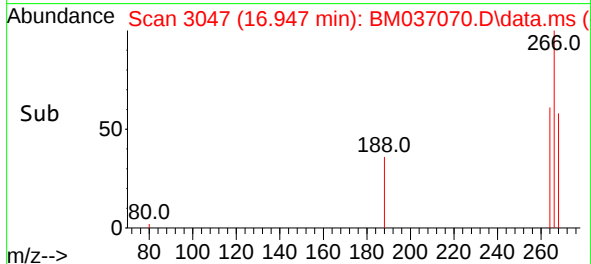
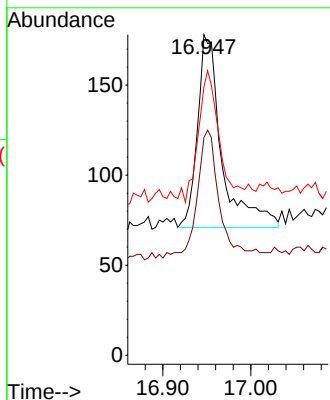
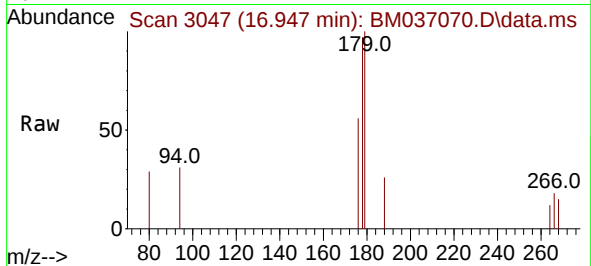




#14
 Pentachlorophenol
 Concen: 0.031 ng/ul
 RT: 16.947 min Scan# 3051
 Delta R.T. -0.013 min
 Lab File: BM037070.D
 Acq: 15 Oct 2022 01:02

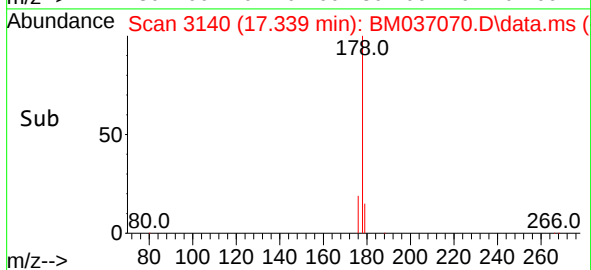
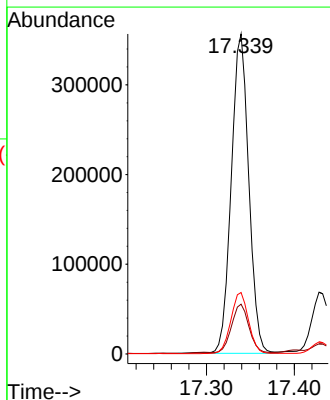
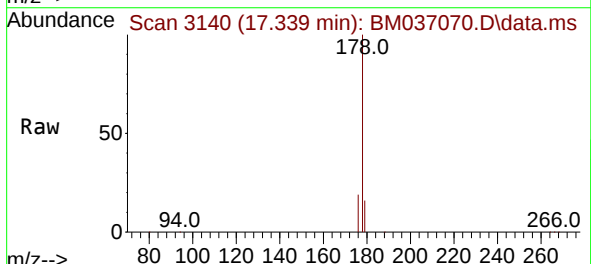
Instrument :
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 ClientSampleId :
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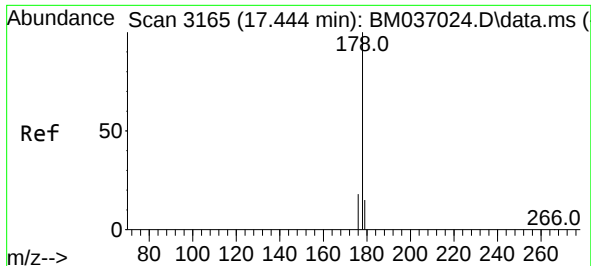
Tgt Ion:	266	Resp:	205
Ion Ratio	Lower	Upper	
266	100		
264	61.5	50.3	75.5
268	58.5	53.5	80.3



#15
 Phenanthrene
 Concen: 5.652 ng/ul
 RT: 17.339 min Scan# 3140
 Delta R.T. -0.004 min
 Lab File: BM037070.D
 Acq: 15 Oct 2022 01:02

Tgt Ion:	178	Resp:	491925
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.0	19.6
176	19.2	15.6	23.4

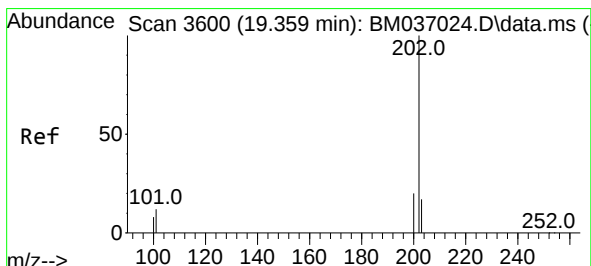
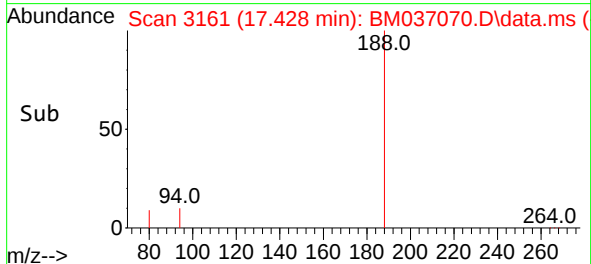
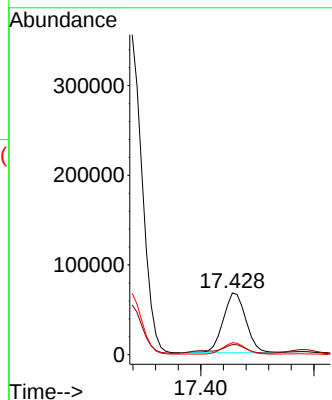
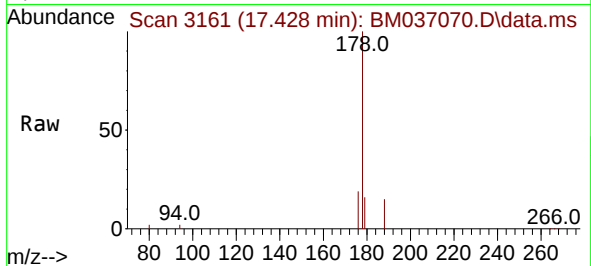




#16
 Anthracene
 Concen: 1.283 ng/ul
 RT: 17.428 min Scan# 3161
 Delta R.T. -0.009 min
 Lab File: BM037070.D
 Acq: 15 Oct 2022 01:02

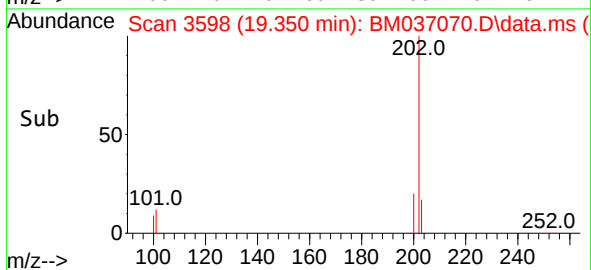
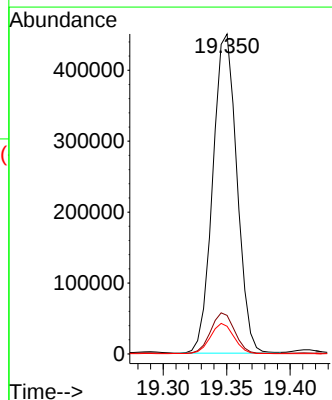
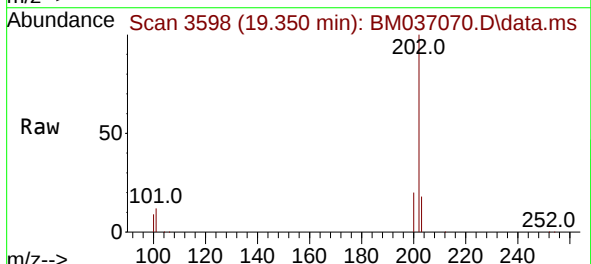
Instrument :
 BNA_M
 ClientSampleId :
 COBL8

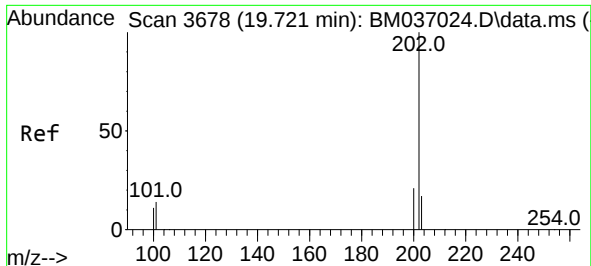
Tgt Ion:178 Resp: 93330
 Ion Ratio Lower Upper
 178 100
 179 16.4 13.6 20.4
 176 19.4 15.6 23.4



#19
 Fluoranthene
 Concen: 8.880 ng/ul
 RT: 19.350 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM037070.D
 Acq: 15 Oct 2022 01:02

Tgt Ion:202 Resp: 594924
 Ion Ratio Lower Upper
 202 100
 101 12.1 10.1 15.1
 100 8.7 7.9 11.9

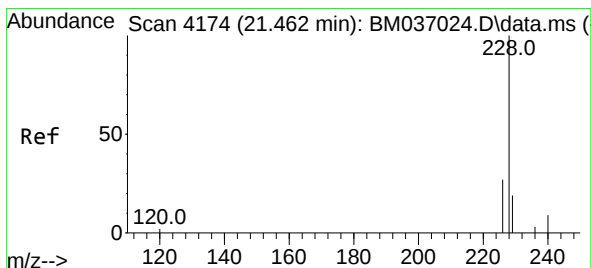
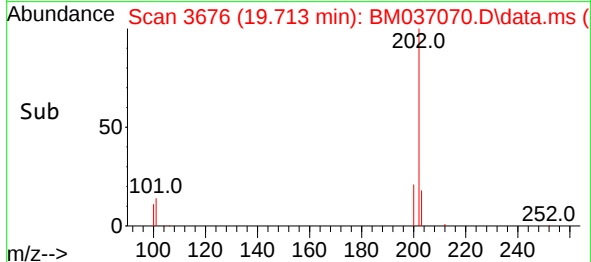
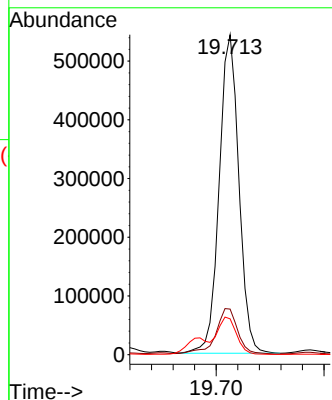
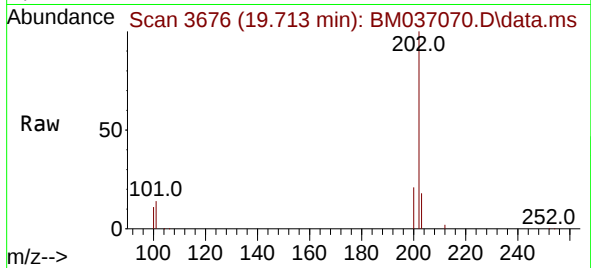




#20
Pyrene
Concen: 9.851 ng/ul
RT: 19.713 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

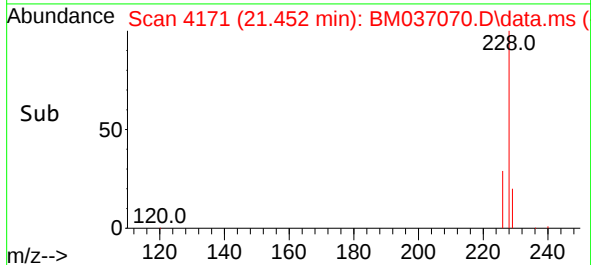
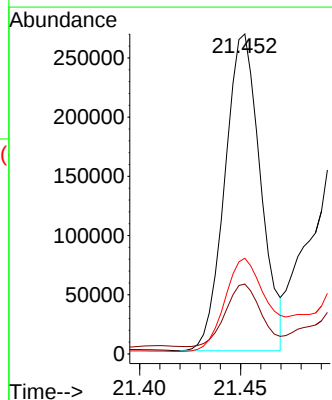
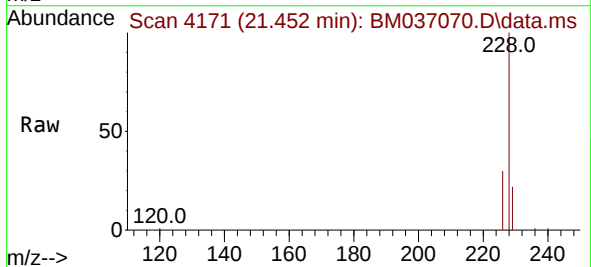
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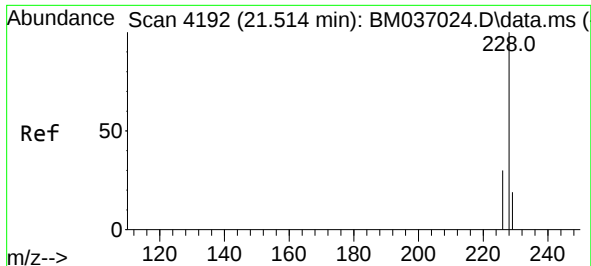
Tgt Ion:202 Resp: 688204
Ion Ratio Lower Upper
202 100
101 14.3 12.0 18.0
100 11.2 9.8 14.6



#21
Benzo(a)anthracene
Concen: 5.406 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

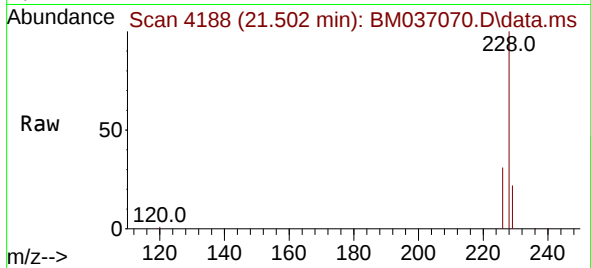
Tgt Ion:228 Resp: 328968
Ion Ratio Lower Upper
228 100
229 21.9 16.2 24.2
226 29.9 22.5 33.7



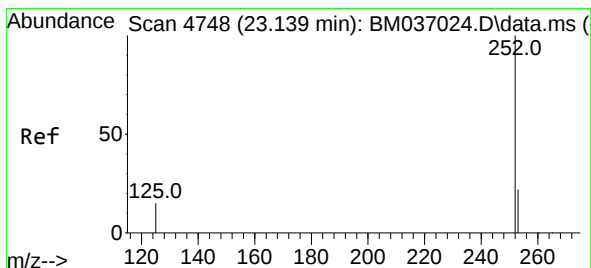
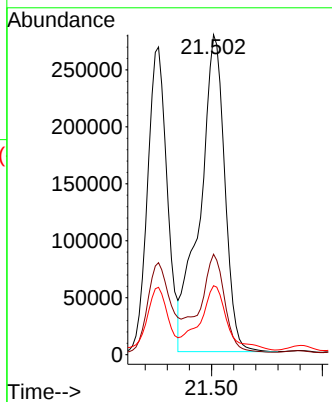
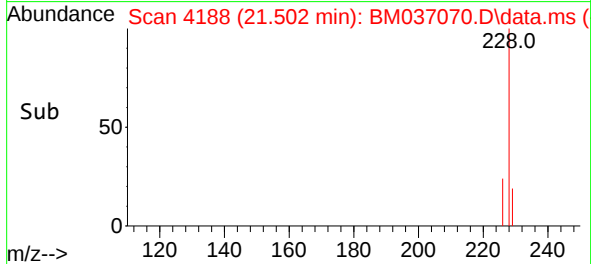


#22
Chrysene
Concen: 6.616 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. -0.009 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

Instrument :
BNA_M
ClientSampleId :
COBL8

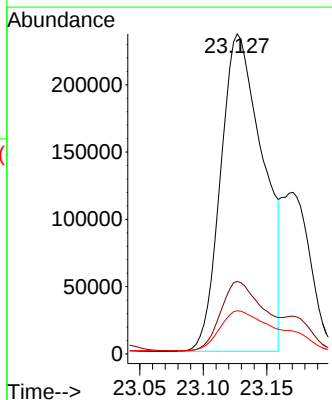
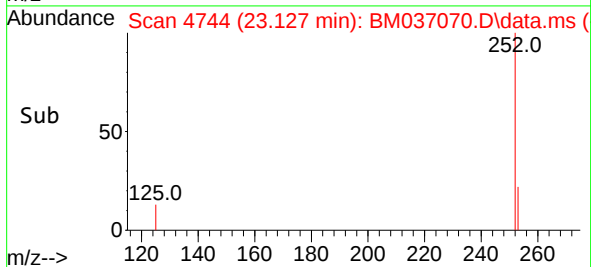
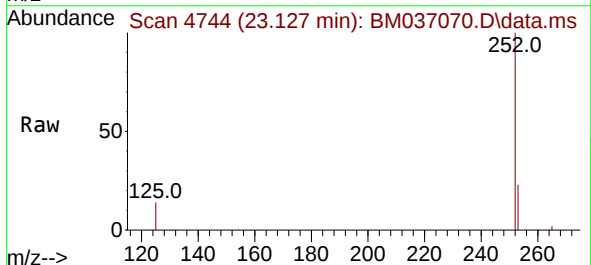


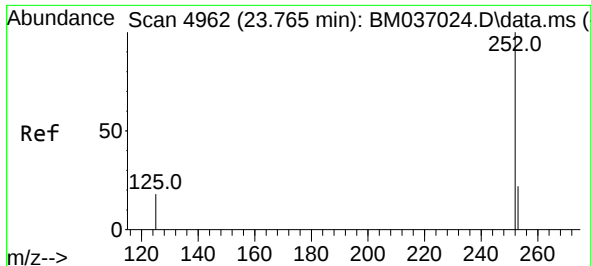
Tgt Ion:228 Resp: 432270
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 21.6 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 9.394 ng/ul
RT: 23.127 min Scan# 4744
Delta R.T. -0.009 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

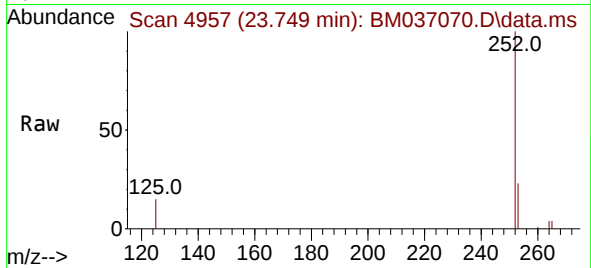
Tgt Ion:252 Resp: 548102
Ion Ratio Lower Upper
252 100
253 22.7 0.0 61.4
125 13.5 0.0 42.6



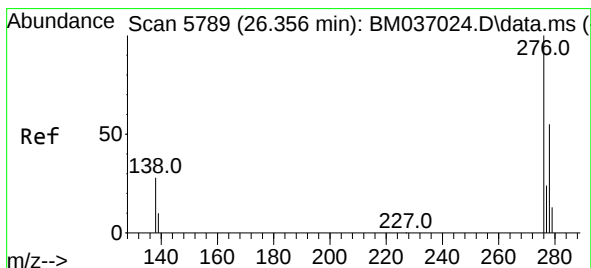
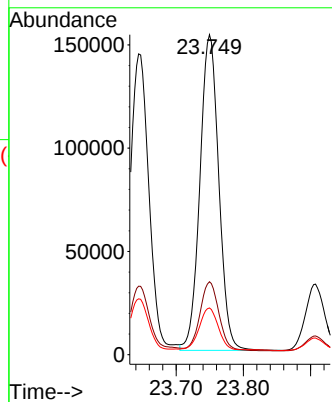
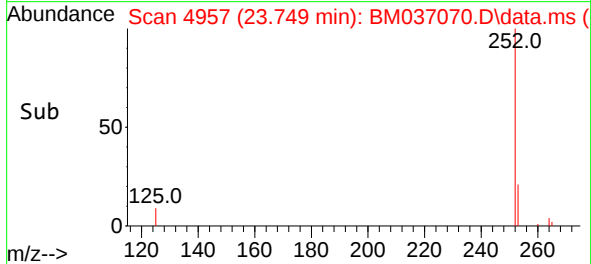


#26
Benzo(a)pyrene
Concen: 6.294 ng/ul
RT: 23.749 min Scan# 4962
Delta R.T. -0.009 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

Instrument :
BNA_M
ClientSampleId :
COBL8

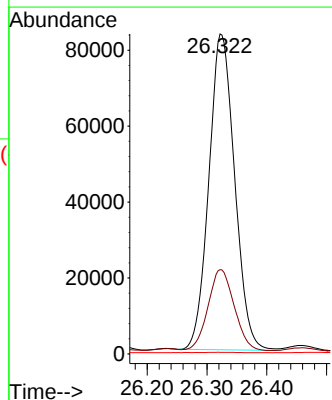
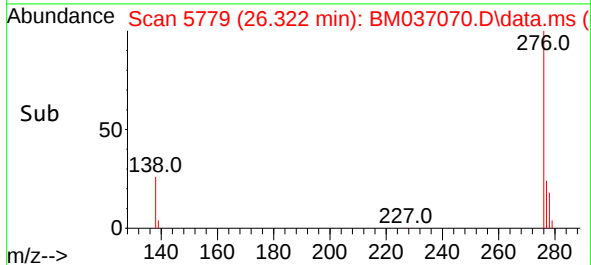
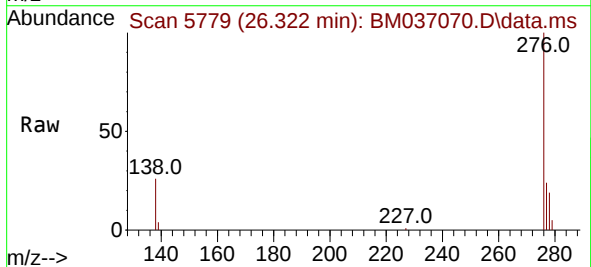


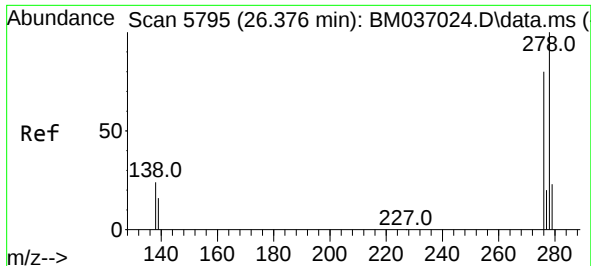
Tgt Ion:252 Resp: 297973
Ion Ratio Lower Upper
252 100
253 22.8 29.7 44.5#
125 14.6 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.715 ng/ul
RT: 26.322 min Scan# 5779
Delta R.T. -0.020 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

Tgt Ion:276 Resp: 249092
Ion Ratio Lower Upper
276 100
138 26.2 23.9 35.9
227 0.2 0.1 0.1#

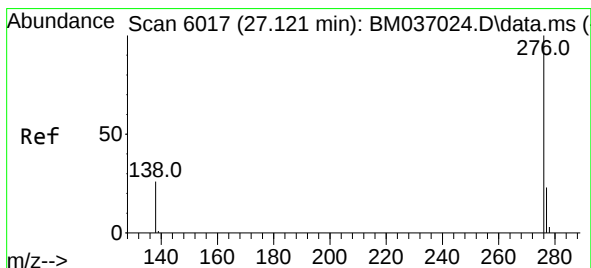
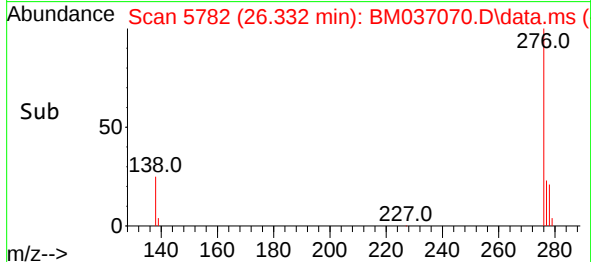
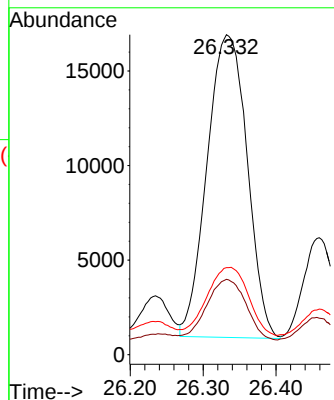
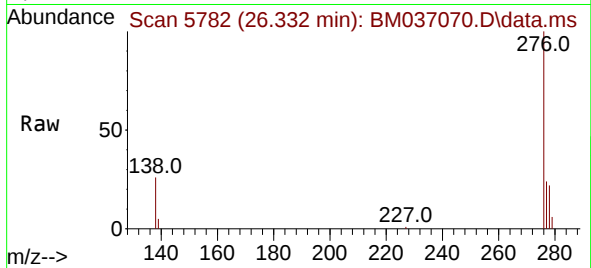




#28
 Dibenzo(a,h)anthracene
 Concen: 1.129 ng/ul
 RT: 26.332 min Scan# 51
 Delta R.T. -0.030 min
 Lab File: BM037070.D
 Acq: 15 Oct 2022 01:02

Instrument :
 BNA_M
 ClientSampleId :
 COBL8

Tgt Ion:278 Resp: 61175
 Ion Ratio Lower Upper
 278 100
 139 23.5 19.8 29.6
 279 27.2 27.7 41.5#



#29
 Benzo(g,h,i)perylene
 Concen: 3.572 ng/ul
 RT: 27.090 min Scan# 6008
 Delta R.T. -0.017 min
 Lab File: BM037070.D
 Acq: 15 Oct 2022 01:02

Tgt Ion:276 Resp: 211094
 Ion Ratio Lower Upper
 276 100
 138 27.2 23.4 35.0
 277 24.1 21.0 31.4

