

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039711.D
 Acq On : 27 Apr 2023 18:24
 Operator : CG/JU
 Sample : 02418-24
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z8

Quant Time: Apr 28 02:34:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

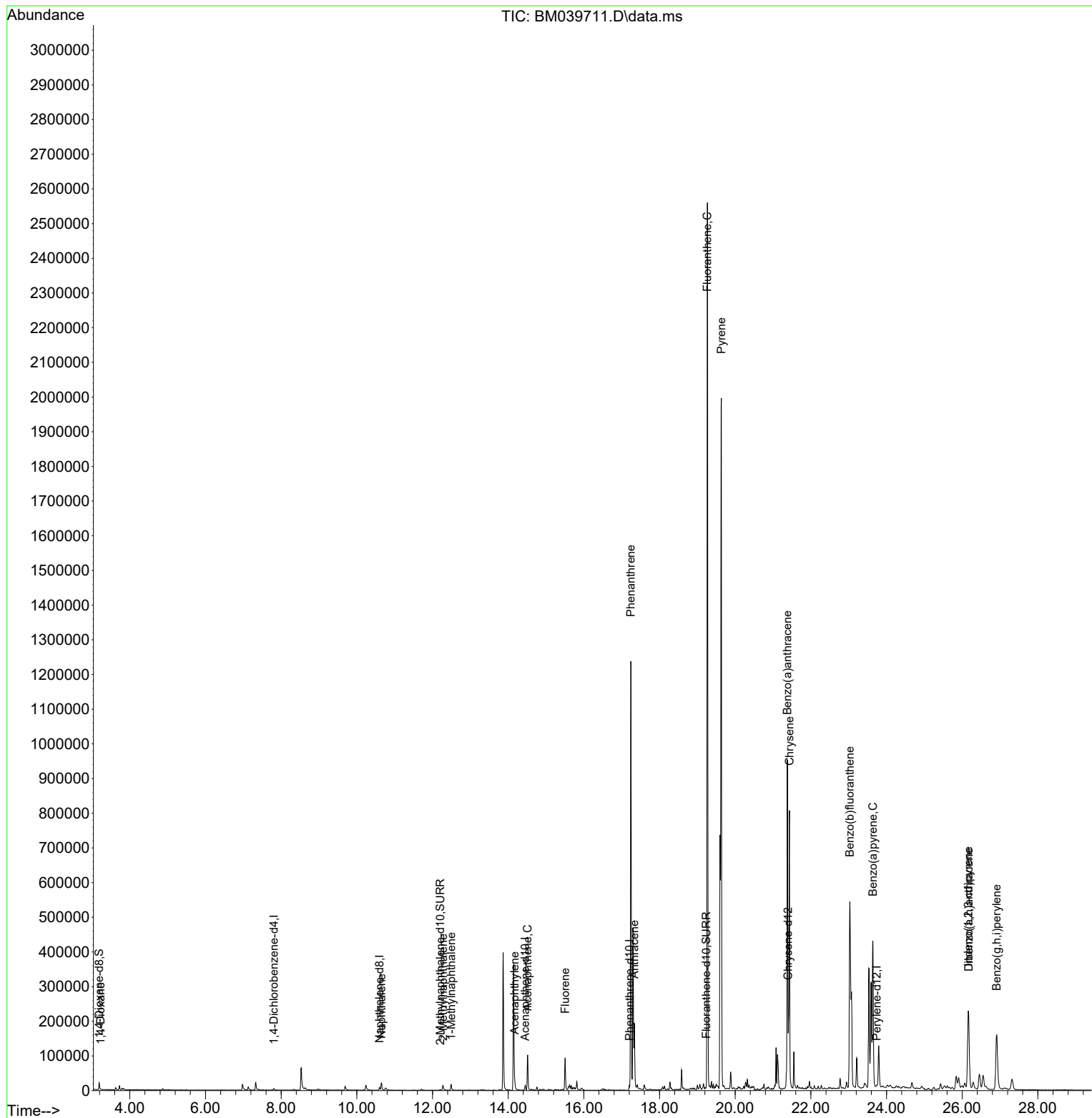
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3454	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.599	136	13082	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.449	164	7462	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	17075	0.400	ng/ul	-0.01
17) Chrysene-d12	21.397	240	10650	0.400	ng/ul	-0.01
23) Perylene-d12	23.741	264	9158	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	12487	2.453	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	3305	0.197	ng/ul	-0.01
18) Fluoranthene-d10	19.237	212	8128	0.284	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	227	0.043	ng/ul#	83
5) Naphthalene	10.649	128	33342	1.015	ng/ul	98
7) 2-Methylnaphthalene	12.277	142	13447	0.709	ng/ul	97
8) 1-Methylnaphthalene	12.491	142	13407	0.659	ng/ul	100
10) Acenaphthylene	14.172	152	26275	0.910	ng/ul	98
11) Acenaphthene	14.514	153	61444	2.708	ng/ul	98
12) Fluorene	15.504	166	62735	2.492	ng/ul	99
15) Phenanthrene	17.241	178	1291514	28.710	ng/ul	98
16) Anthracene	17.334	178	194138	5.026	ng/ul	98
19) Fluoranthene	19.265	202	2087660	54.946	ng/ul	99
20) Pyrene	19.632	202	1668774	40.671	ng/ul	99
21) Benzo(a)anthracene	21.379	228	815250	26.624	ng/ul	99
22) Chrysene	21.432	228	760586	21.949	ng/ul	98
24) Benzo(b)fluoranthene	23.031	252	908426	28.245	ng/ul	91
26) Benzo(a)pyrene	23.639	252	604144	20.922	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.161	276	391466	10.721	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.171	278	91750	3.237	ng/ul	95
29) Benzo(g,h,i)perylene	26.912	276	357241	11.228	ng/ul	97

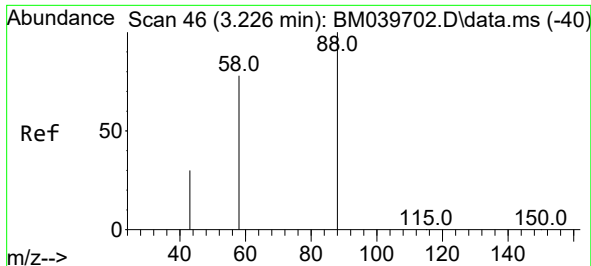
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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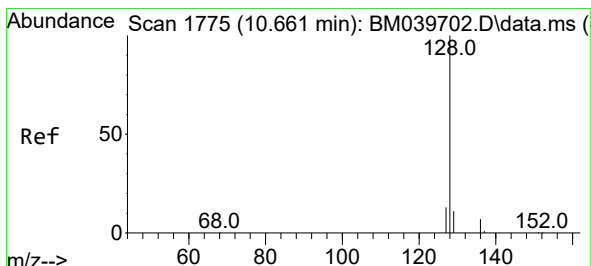
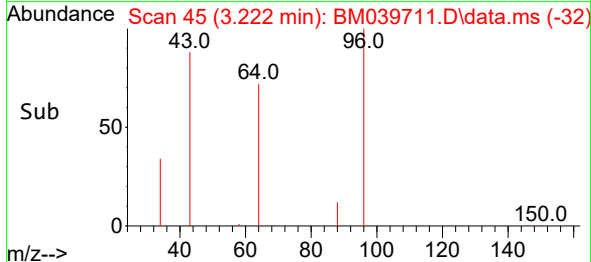
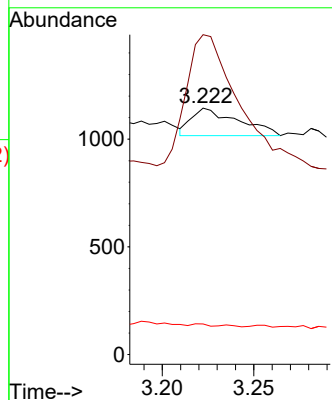
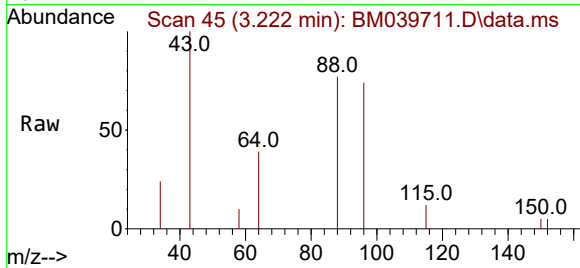




#2
1,4-Dioxane
Concen: 0.043 ng/ul
RT: 3.222 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM039711.D
Acq: 27 Apr 2023 18:24

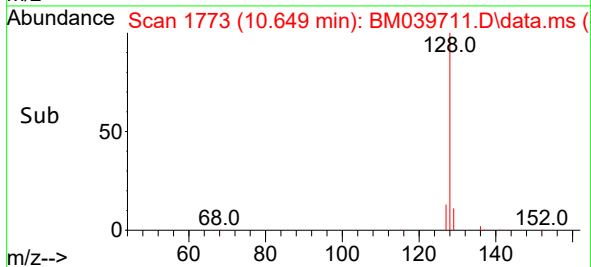
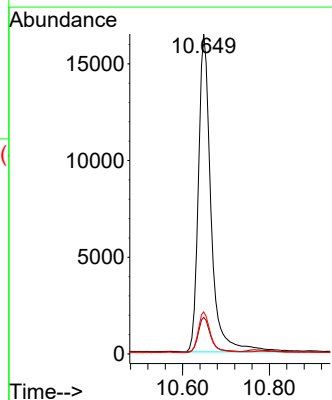
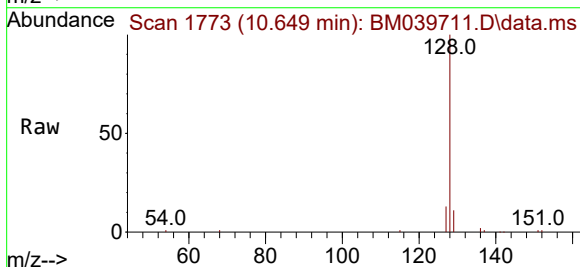
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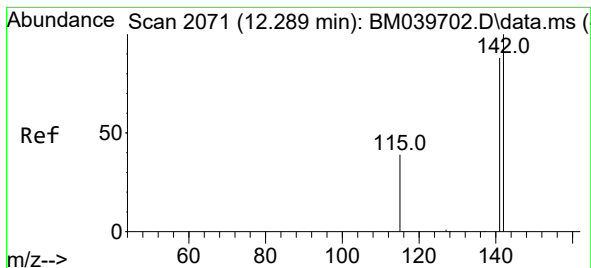
Tgt Ion: 88 Resp: 227
Ion Ratio Lower Upper
88 100
43 129.8 102.6 153.8
58 12.4 40.6 61.0#



#5
Naphthalene
Concen: 1.015 ng/ul
RT: 10.649 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BM039711.D
Acq: 27 Apr 2023 18:24

Tgt Ion: 128 Resp: 33342
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.6
127 13.1 11.1 16.7

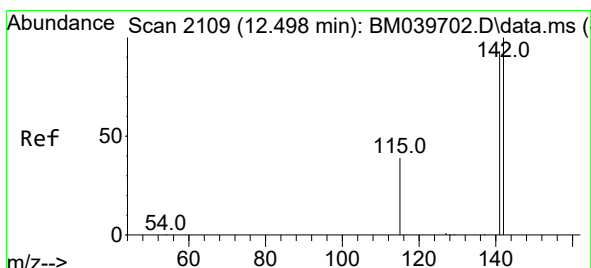
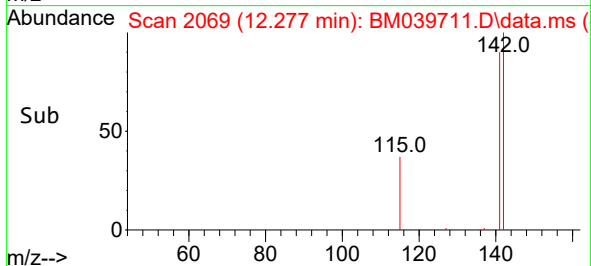
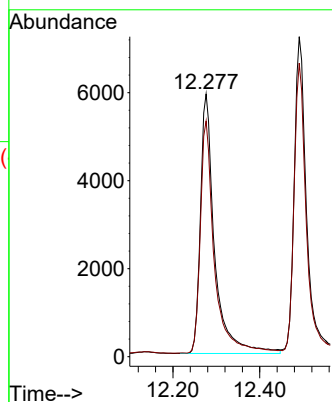
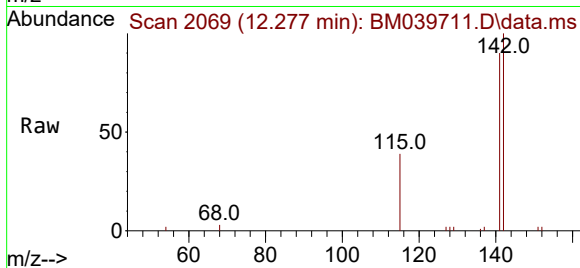




#7
2-Methylnaphthalene
Concen: 0.709 ng/ul
RT: 12.277 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BM039711.D
Acq: 27 Apr 2023 18:24

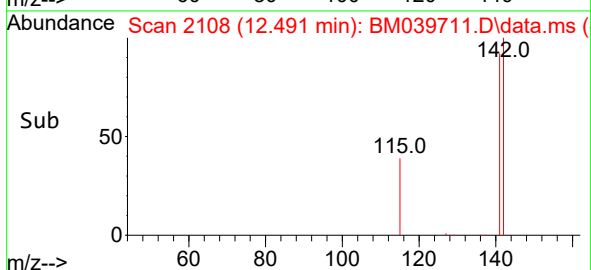
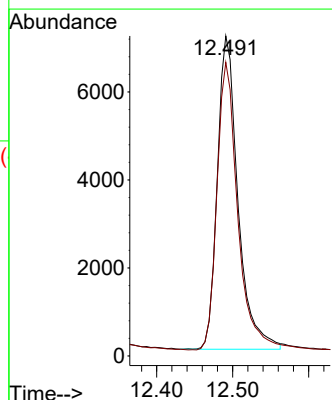
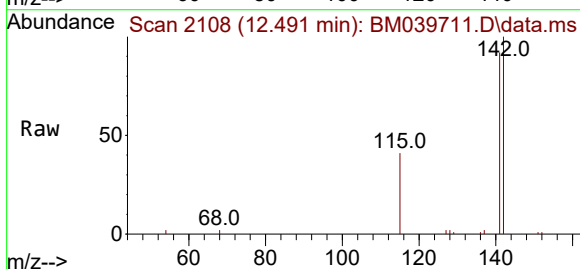
Instrument :
BNA_M
ClientSampleId :
EW8Z8

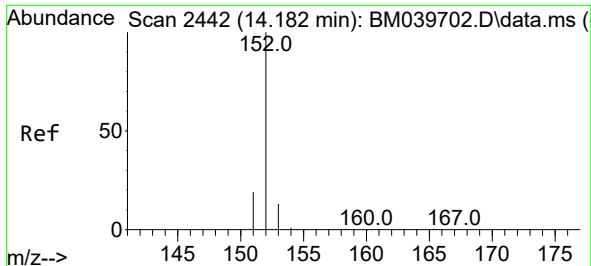
Tgt Ion:142 Resp: 13447
Ion Ratio Lower Upper
142 100
141 88.5 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.659 ng/ul
RT: 12.491 min Scan# 2108
Delta R.T. -0.007 min
Lab File: BM039711.D
Acq: 27 Apr 2023 18:24

Tgt Ion:142 Resp: 13407
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2

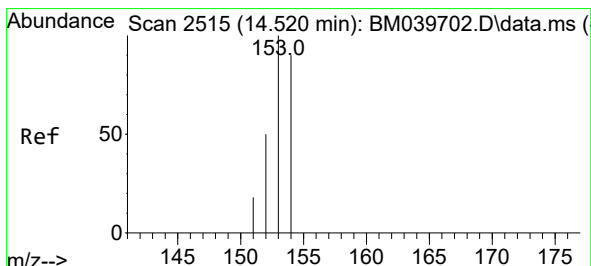
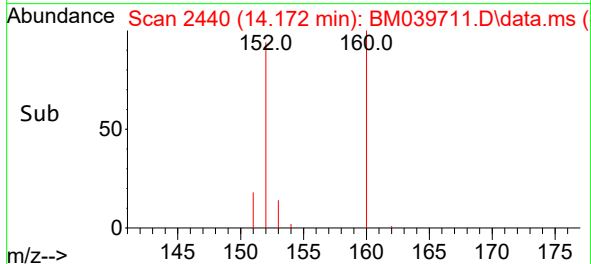
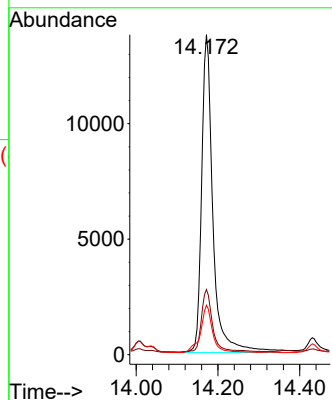
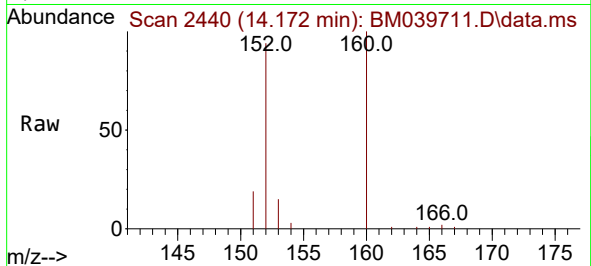




#10
Acenaphthylene
Concen: 0.910 ng/ul
RT: 14.172 min Scan# 2440
Delta R.T. -0.011 min
Lab File: BM039711.D
Acq: 27 Apr 2023 18:24

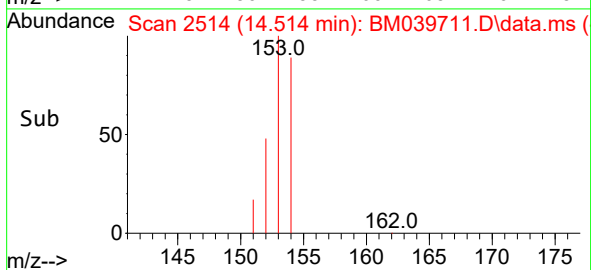
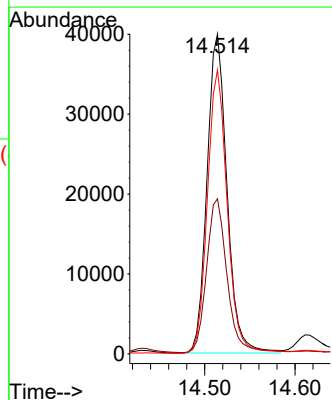
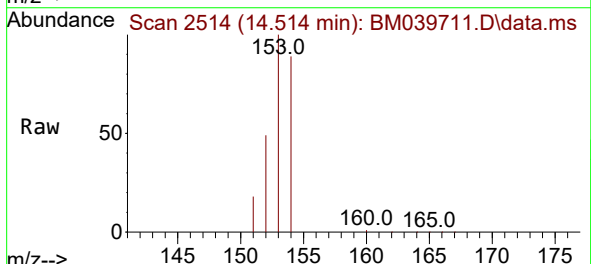
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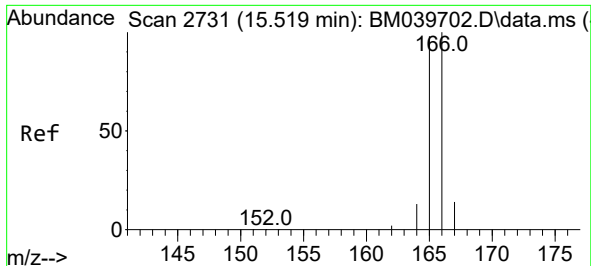
Tgt Ion:152 Resp: 26275
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 15.4 11.2 16.8



#11
Acenaphthene
Concen: 2.708 ng/ul
RT: 14.514 min Scan# 2514
Delta R.T. -0.006 min
Lab File: BM039711.D
Acq: 27 Apr 2023 18:24

Tgt Ion:153 Resp: 61444
Ion Ratio Lower Upper
153 100
152 48.5 40.6 61.0
154 88.7 71.9 107.9

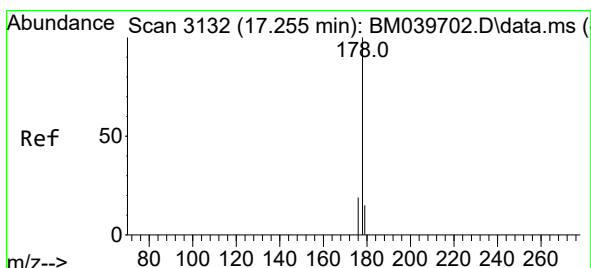
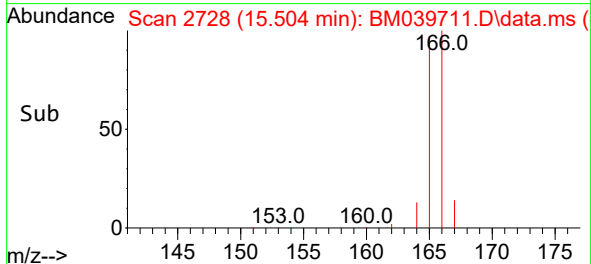
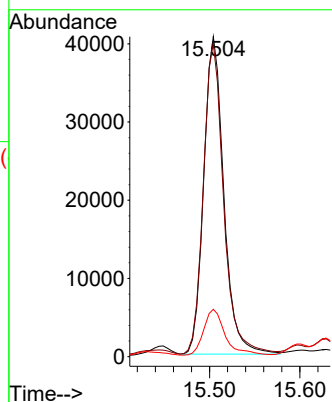
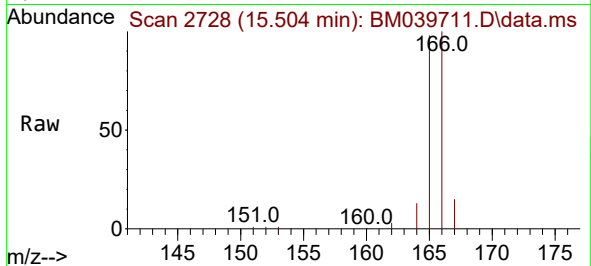




#12
Fluorene
Concen: 2.492 ng/ul
RT: 15.504 min Scan# 21
Delta R.T. -0.015 min
Lab File: BM039711.D
Acq: 27 Apr 2023 18:24

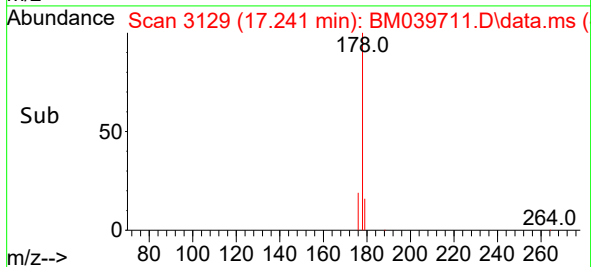
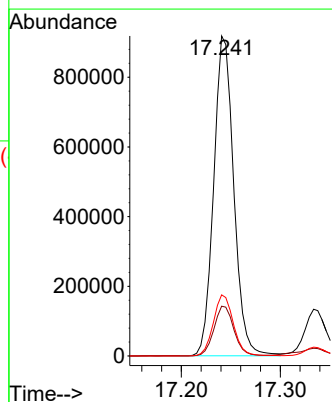
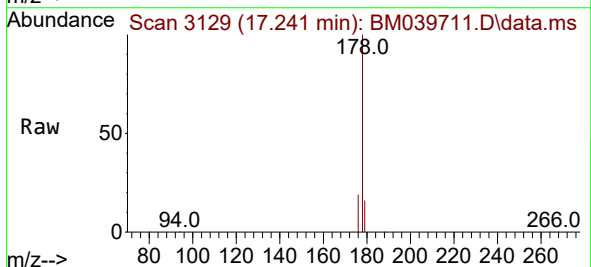
Instrument :
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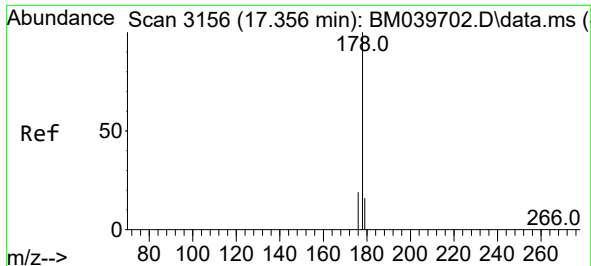
Tgt Ion:166 Resp: 62735
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 14.8 11.8 17.6



#15
Phenanthrene
Concen: 28.710 ng/ul
RT: 17.241 min Scan# 3129
Delta R.T. -0.014 min
Lab File: BM039711.D
Acq: 27 Apr 2023 18:24

Tgt Ion:178 Resp: 1291514
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.1 15.8 23.8

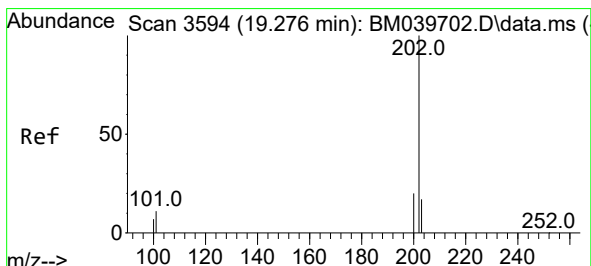
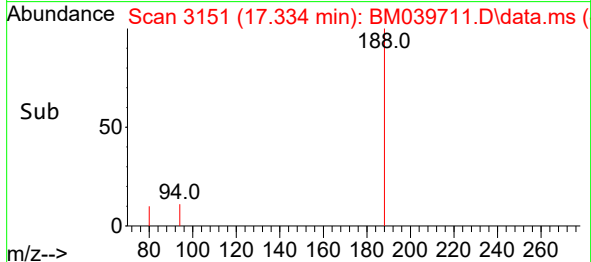
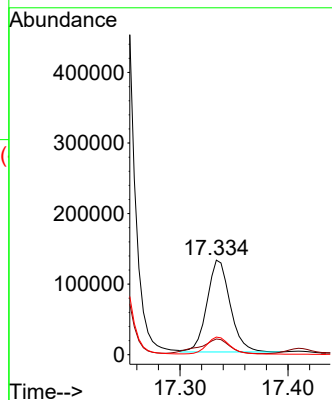
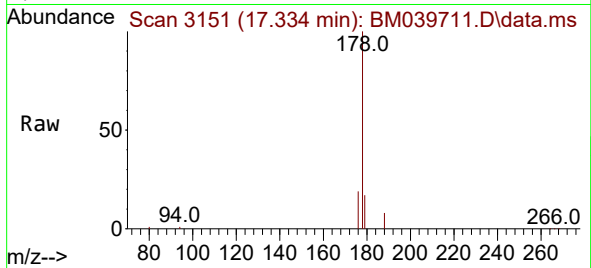




#16
 Anthracene
 Concen: 5.026 ng/ul
 RT: 17.334 min Scan# 3156
 Delta R.T. -0.022 min
 Lab File: BM039711.D
 Acq: 27 Apr 2023 18:24

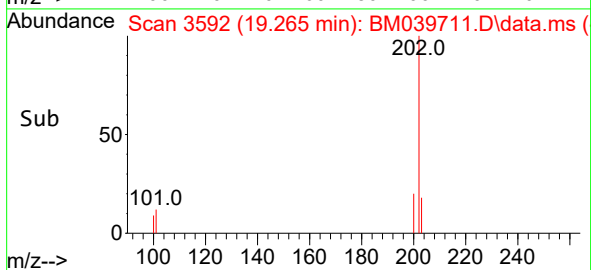
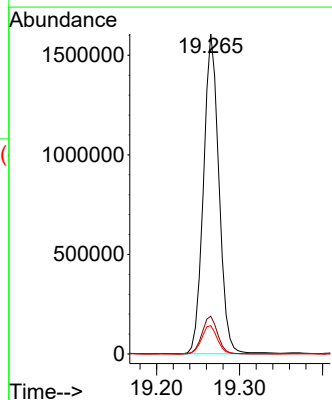
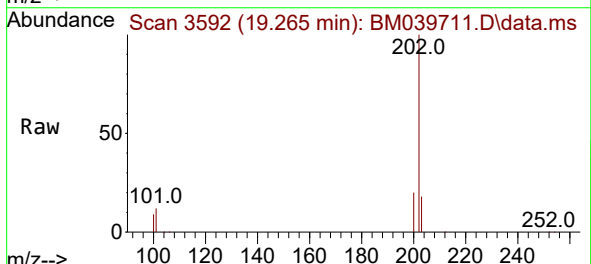
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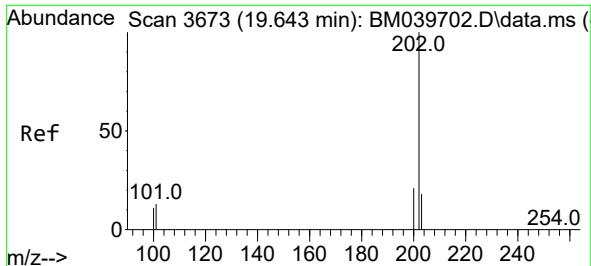
Tgt Ion:178 Resp: 194138
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.8 20.6
 176 18.7 15.8 23.8



#19
 Fluoranthene
 Concen: 54.946 ng/ul
 RT: 19.265 min Scan# 3592
 Delta R.T. -0.011 min
 Lab File: BM039711.D
 Acq: 27 Apr 2023 18:24

Tgt Ion:202 Resp: 2087660
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.8 14.8
 100 8.8 7.3 10.9

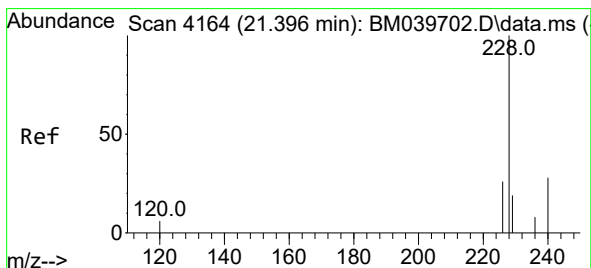
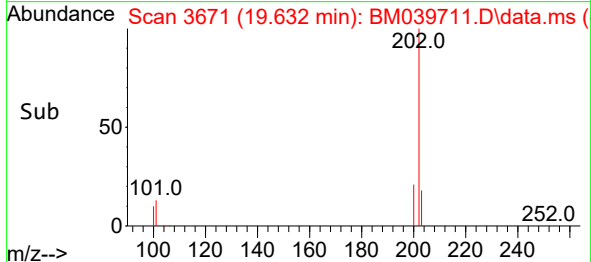
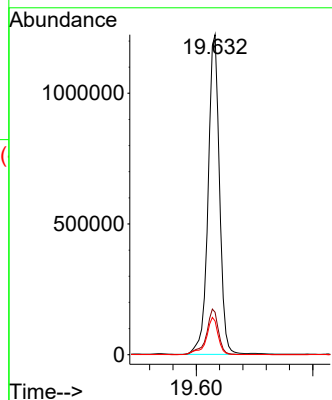
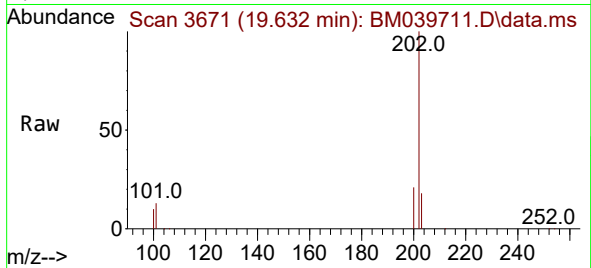




#20
Pyrene
Concen: 40.671 ng/ul
RT: 19.632 min Scan# 30
Delta R.T. -0.011 min
Lab File: BM039711.D
Acq: 27 Apr 2023 18:24

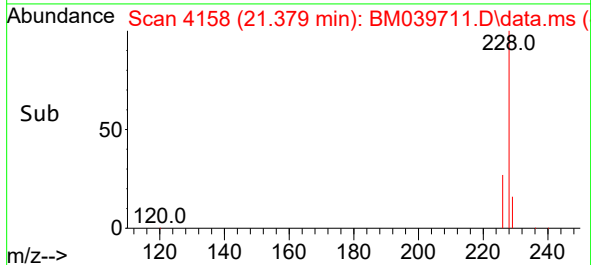
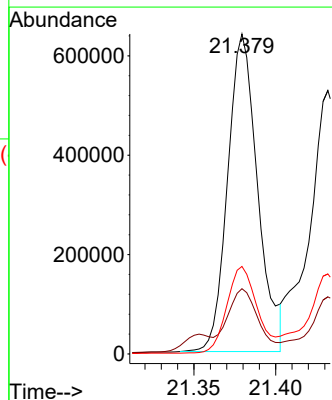
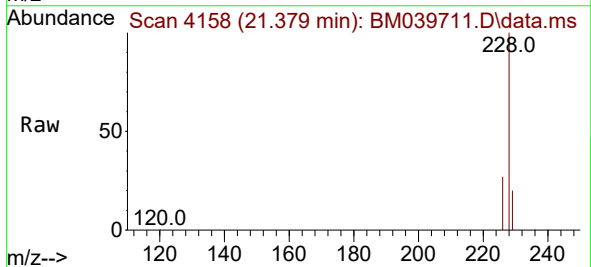
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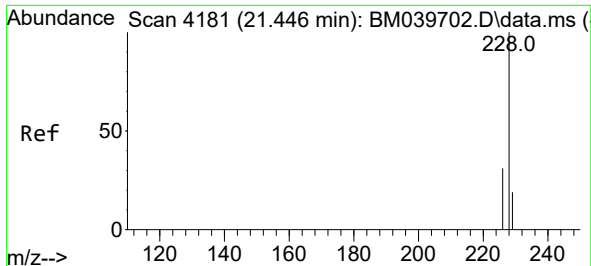
Tgt Ion:202 Resp: 1668774
Ion Ratio Lower Upper
202 100
101 13.3 10.9 16.3
100 10.5 8.9 13.3



#21
Benzo(a)anthracene
Concen: 26.624 ng/ul
RT: 21.379 min Scan# 4158
Delta R.T. -0.017 min
Lab File: BM039711.D
Acq: 27 Apr 2023 18:24

Tgt Ion:228 Resp: 815250
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 27.3 21.6 32.4

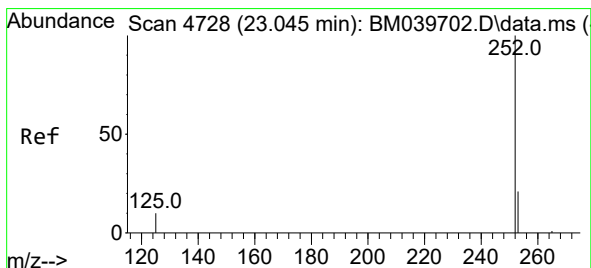
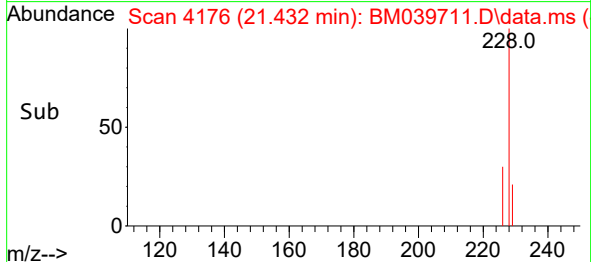
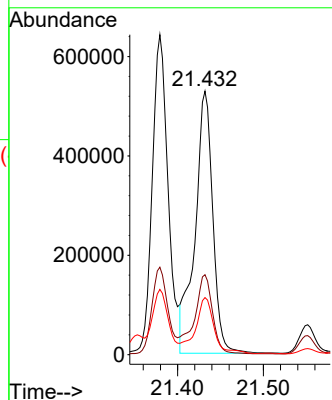
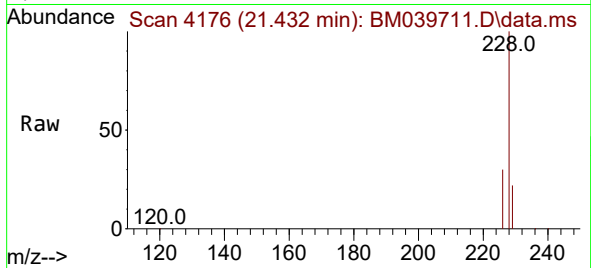




#22
Chrysene
Concen: 21.949 ng/ul
RT: 21.432 min Scan# 4181
Delta R.T. -0.014 min
Lab File: BM039711.D
Acq: 27 Apr 2023 18:24

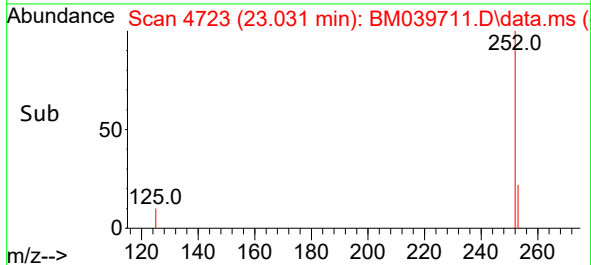
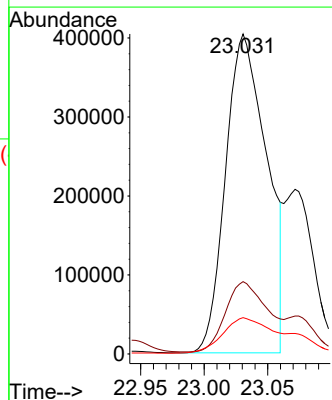
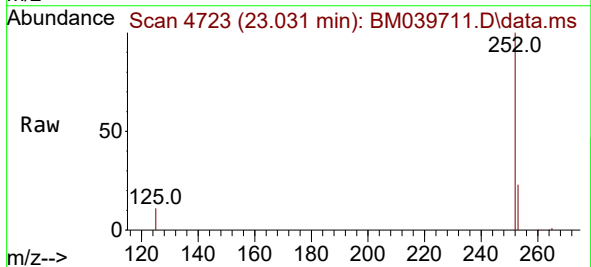
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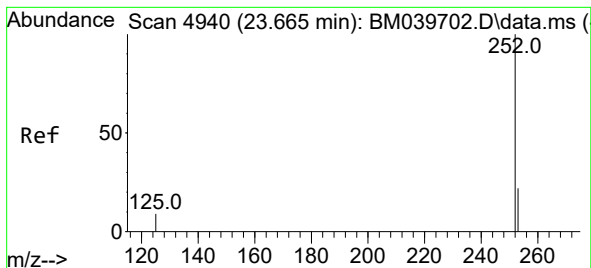
Tgt Ion:228 Resp: 760586
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.7 15.9 23.9



#24
Benzo(b)fluoranthene
Concen: 28.245 ng/ul
RT: 23.031 min Scan# 4723
Delta R.T. -0.014 min
Lab File: BM039711.D
Acq: 27 Apr 2023 18:24

Tgt Ion:252 Resp: 908426
Ion Ratio Lower Upper
252 100
253 22.6 0.0 52.8
125 11.3 0.0 31.6





#26

Benzo(a)pyrene

Concen: 20.922 ng/ul

RT: 23.639 min Scan# 4940

Delta R.T. -0.026 min

Lab File: BM039711.D

Acq: 27 Apr 2023 18:24

Instrument :

BNA_M

ClientSampleId :

EW8Z8

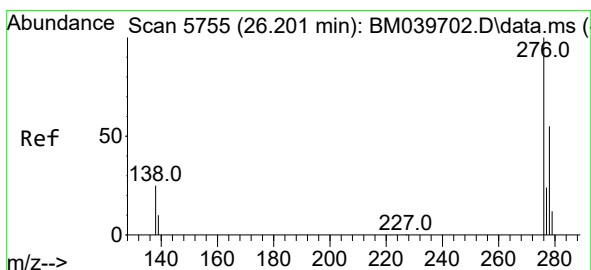
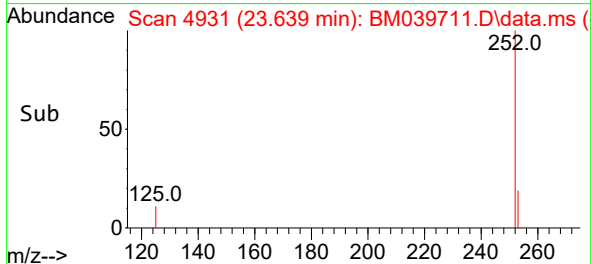
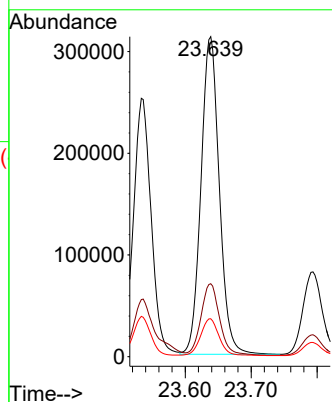
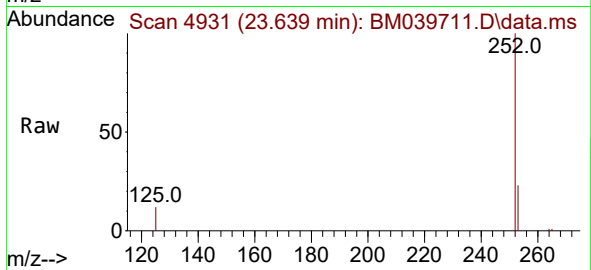
Tgt Ion:252 Resp: 604144

Ion Ratio Lower Upper

252 100

253 22.8 24.7 37.1#

125 11.8 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 10.721 ng/ul

RT: 26.161 min Scan# 5743

Delta R.T. -0.040 min

Lab File: BM039711.D

Acq: 27 Apr 2023 18:24

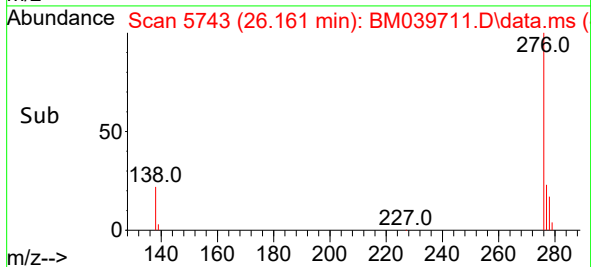
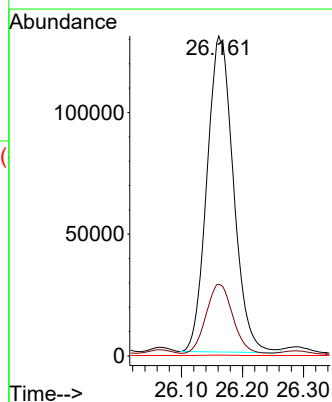
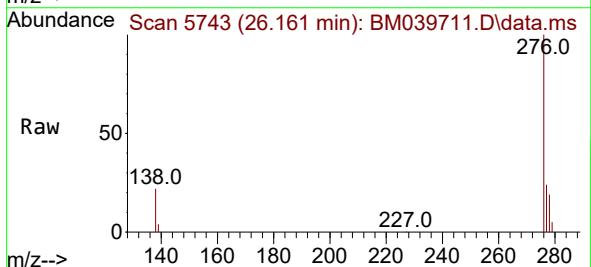
Tgt Ion:276 Resp: 391466

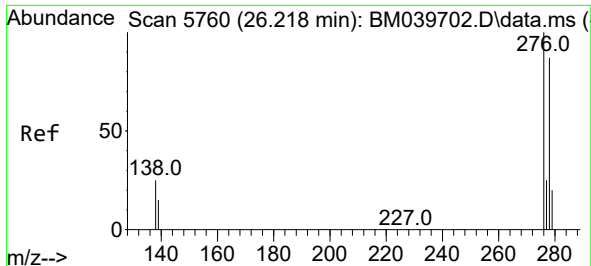
Ion Ratio Lower Upper

276 100

138 22.4 21.1 31.7

227 0.2 0.1 0.1#

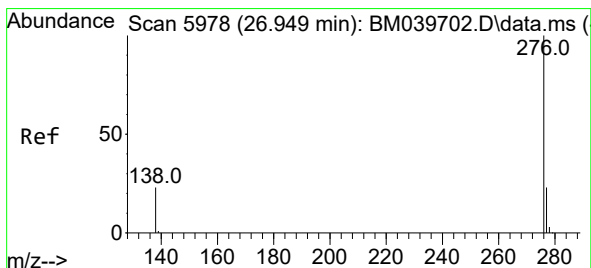
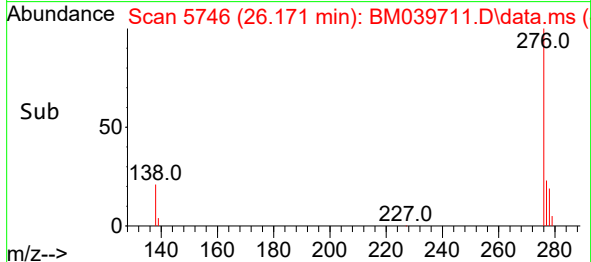
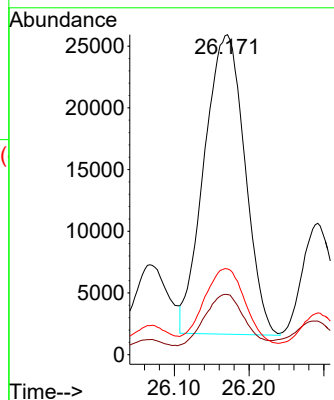
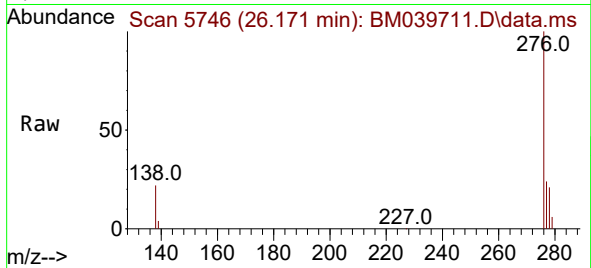




#28
 Dibenzo(a,h)anthracene
 Concen: 3.237 ng/ul
 RT: 26.171 min Scan# 51
 Delta R.T. -0.047 min
 Lab File: BM039711.D
 Acq: 27 Apr 2023 18:24

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z8

Tgt Ion:278 Resp: 91750
 Ion Ratio Lower Upper
 278 100
 139 18.8 17.0 25.6
 279 26.8 23.4 35.2



#29
 Benzo(g,h,i)perylene
 Concen: 11.228 ng/ul
 RT: 26.912 min Scan# 5967
 Delta R.T. -0.036 min
 Lab File: BM039711.D
 Acq: 27 Apr 2023 18:24

Tgt Ion:276 Resp: 357241
 Ion Ratio Lower Upper
 276 100
 138 23.0 20.1 30.1
 277 23.7 20.1 30.1

