

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039730.D
 Acq On : 28 Apr 2023 11:26
 Operator : CG/JU
 Sample : 02418-06DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z2DL

Quant Time: Apr 29 02:03:23 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)

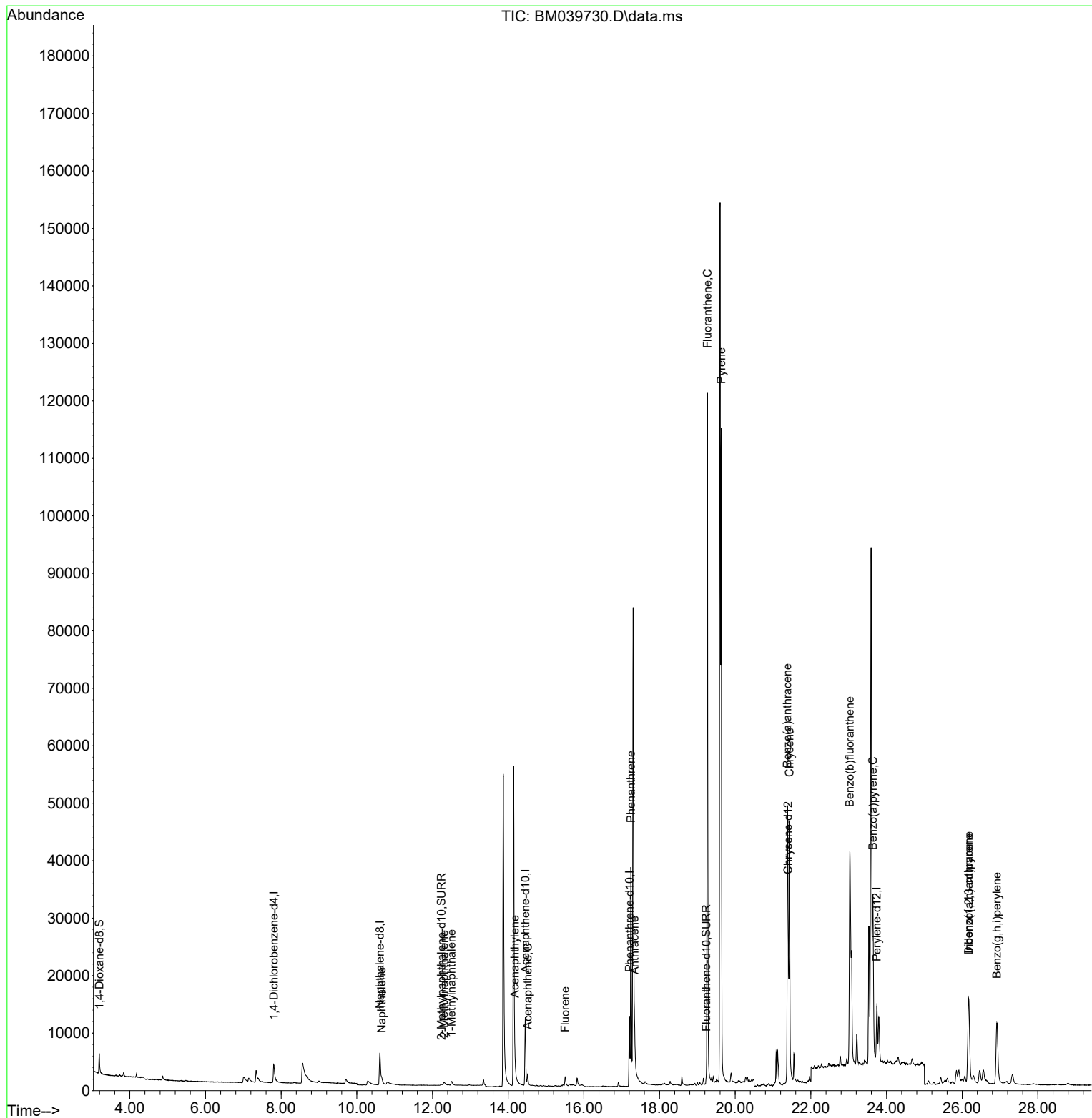
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3181	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.612	136	11950	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	7366	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	15973	0.400	ng/ul	-0.01
17) Chrysene-d12	21.399	240	15044	0.400	ng/ul	0.00
23) Perylene-d12	23.743	264	13251	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2446	0.522	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	564	0.037	ng/ul	0.02
18) Fluoranthene-d10	19.234	212	1539	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.656	128	1339	0.045	ng/ul#	74
7) 2-Methylnaphthalene	12.305	142	951	0.055	ng/ul	94
8) 1-Methylnaphthalene	12.503	142	750	0.040	ng/ul	100
10) Acenaphthylene	14.173	152	3175	0.111	ng/ul#	90
11) Acenaphthene	14.515	153	1248	0.056	ng/ul	95
12) Fluorene	15.505	166	1417	0.057	ng/ul#	94
15) Phenanthrene	17.242	178	45002	1.069	ng/ul	99
16) Anthracene	17.339	178	7501	0.208	ng/ul#	94
19) Fluoranthene	19.266	202	105794	1.971	ng/ul	97
20) Pyrene	19.629	202	97988	1.691	ng/ul	98
21) Benzo(a)anthracene	21.382	228	48070	1.111	ng/ul	99
22) Chrysene	21.434	228	44615	0.911	ng/ul	99
24) Benzo(b)fluoranthene	23.030	252	65631	1.410	ng/ul	95
26) Benzo(a)pyrene	23.638	252	41681	0.998	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.171	276	28806	0.545	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.174	278	6348	0.155	ng/ul#	87
29) Benzo(g,h,i)perylene	26.915	276	25681	0.558	ng/ul	99

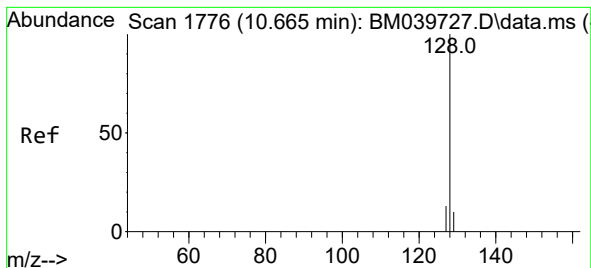
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.045 ng/ul

RT: 10.656 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039730.D

Acq: 28 Apr 2023 11:26

Instrument :

BNA_M

ClientSampleId :

EW8Z2DL

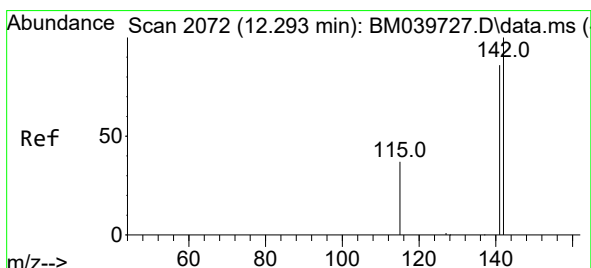
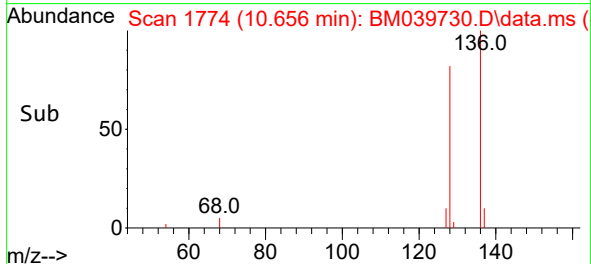
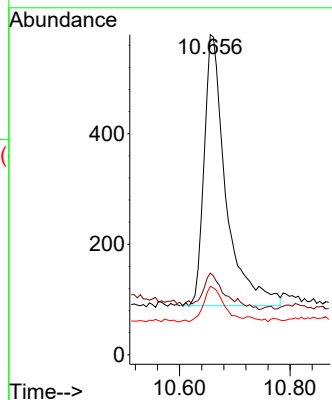
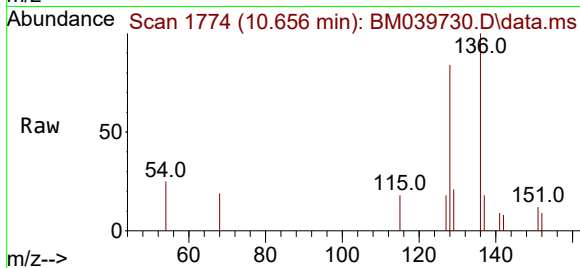
Tgt Ion:128 Resp: 1339

Ion Ratio Lower Upper

128 100

129 25.6 9.8 14.6#

127 21.4 11.1 16.7#



#7

2-Methylnaphthalene

Concen: 0.055 ng/ul

RT: 12.305 min Scan# 2074

Delta R.T. 0.016 min

Lab File: BM039730.D

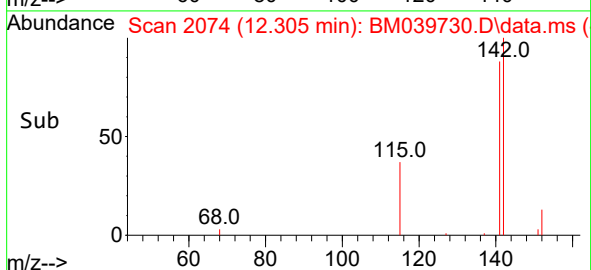
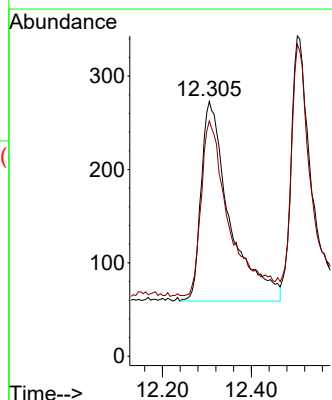
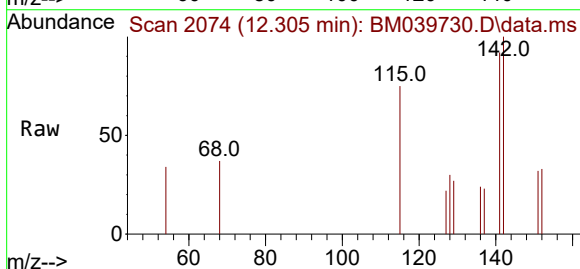
Acq: 28 Apr 2023 11:26

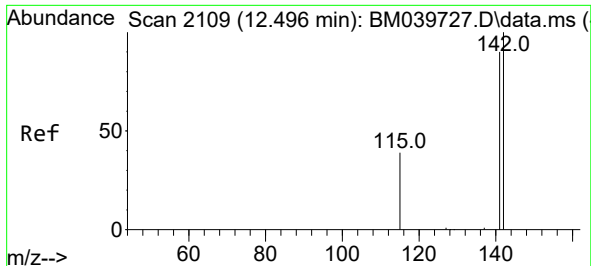
Tgt Ion:142 Resp: 951

Ion Ratio Lower Upper

142 100

141 85.9 73.2 109.8

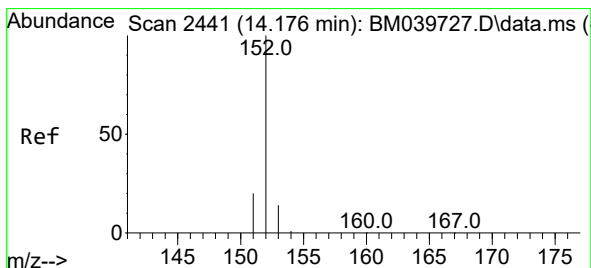
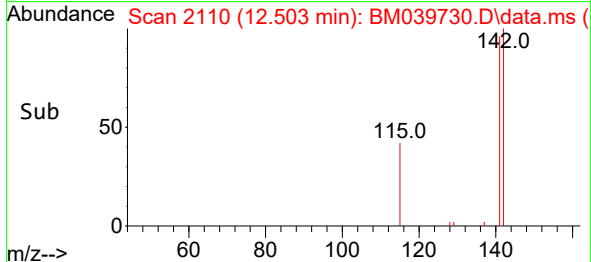
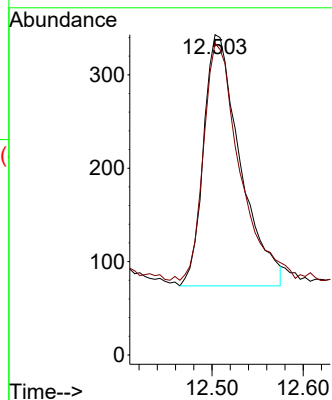
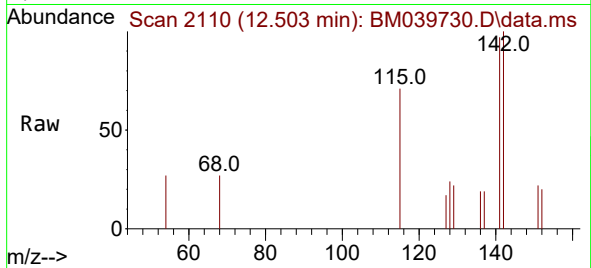




#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.503 min Scan# 2110
Delta R.T. 0.005 min
Lab File: BM039730.D
Acq: 28 Apr 2023 11:26

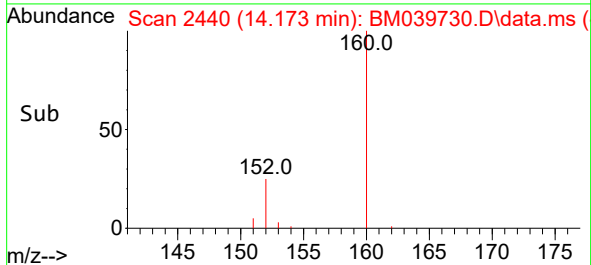
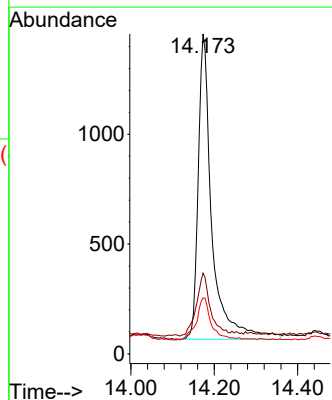
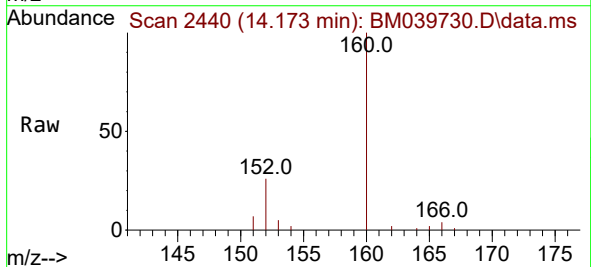
Instrument :
BNA_M
ClientSampleId :
EW8Z2DL

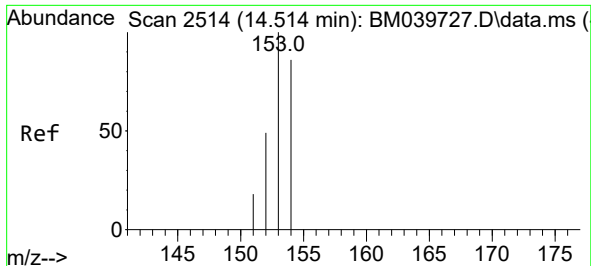
Tgt Ion:142 Resp: 750
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2



#10
Acenaphthylene
Concen: 0.111 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039730.D
Acq: 28 Apr 2023 11:26

Tgt Ion:152 Resp: 3175
Ion Ratio Lower Upper
152 100
151 25.3 16.0 24.0#
153 17.5 11.2 16.8#

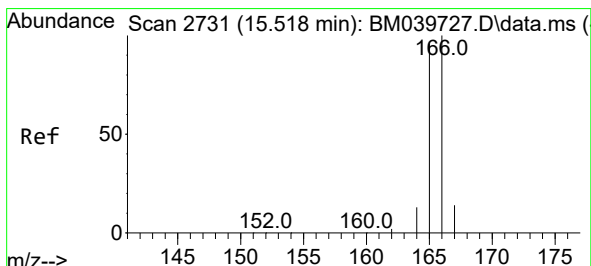
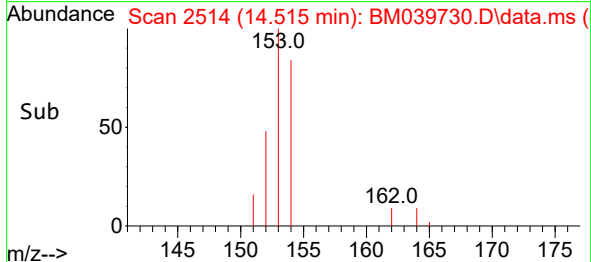
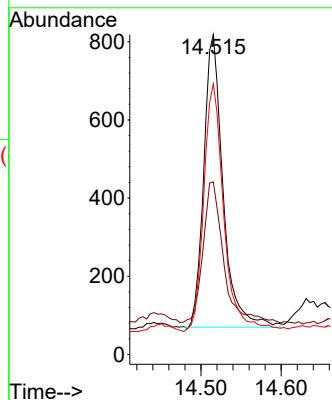
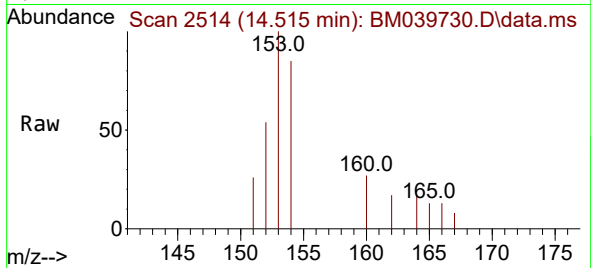




#11
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.515 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039730.D
Acq: 28 Apr 2023 11:26

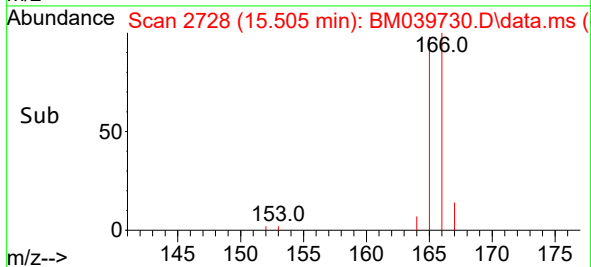
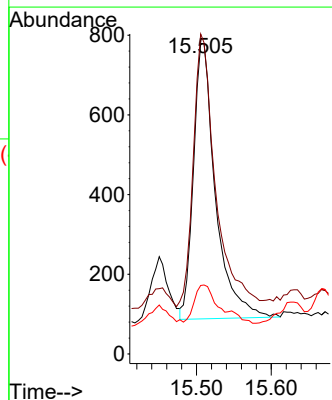
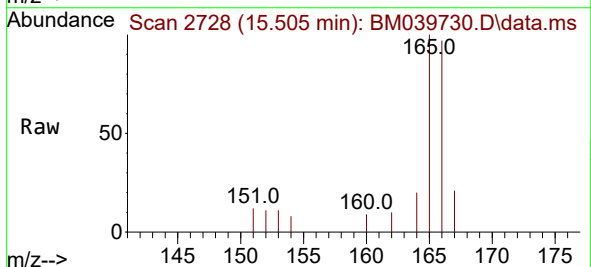
Instrument :
BNA_M
ClientSampleId :
EW8Z2DL

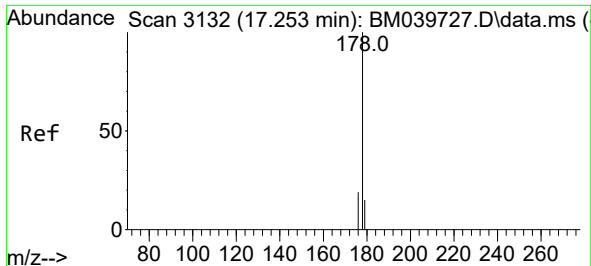
Tgt Ion:153 Resp: 1248
Ion Ratio Lower Upper
153 100
152 53.9 40.6 61.0
154 84.6 71.9 107.9



#12
Fluorene
Concen: 0.057 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039730.D
Acq: 28 Apr 2023 11:26

Tgt Ion:166 Resp: 1417
Ion Ratio Lower Upper
166 100
165 103.1 79.0 118.6
167 22.1 11.8 17.6#

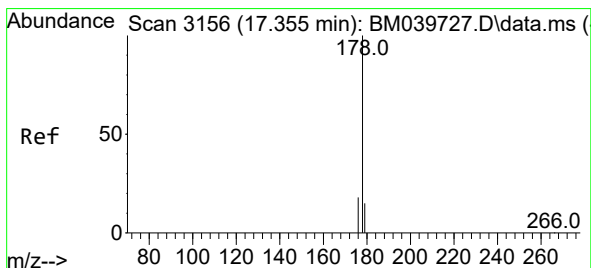
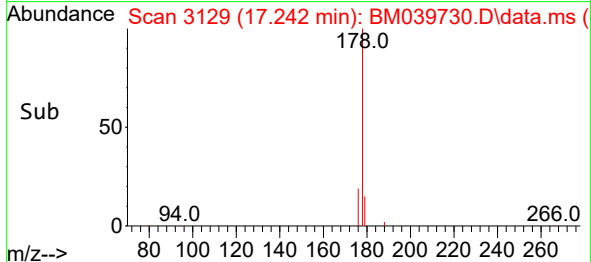
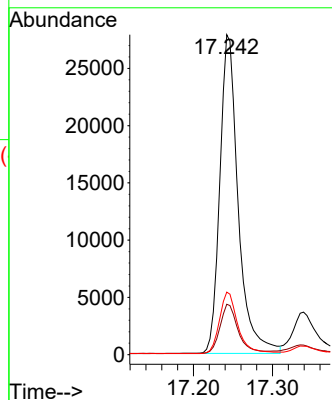
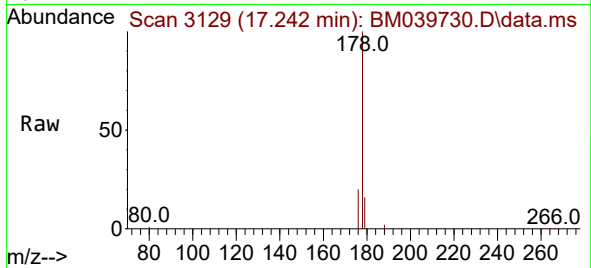




#15
Phenanthrene
Concen: 1.069 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.013 min
Lab File: BM039730.D
Acq: 28 Apr 2023 11:26

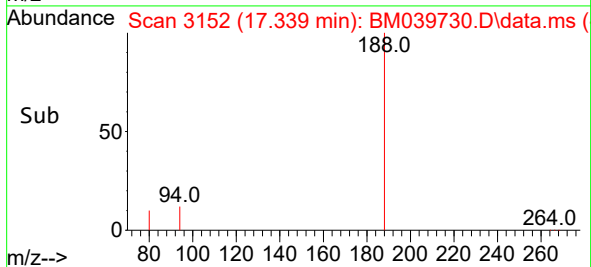
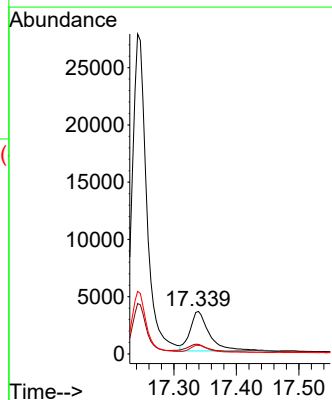
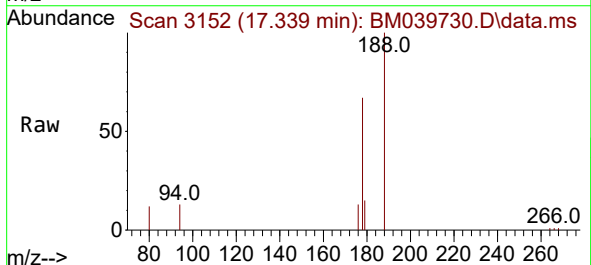
Instrument :
BNA_M
ClientSampleId :
EW8Z2DL

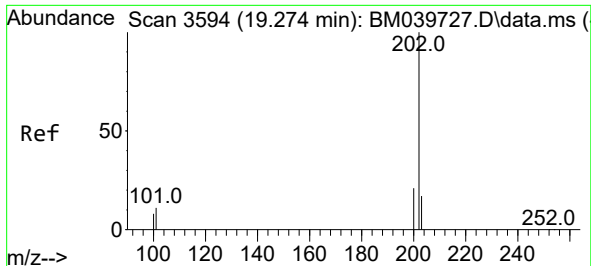
Tgt Ion:178 Resp: 45002
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.5 15.8 23.8



#16
Anthracene
Concen: 0.208 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.017 min
Lab File: BM039730.D
Acq: 28 Apr 2023 11:26

Tgt Ion:178 Resp: 7501
Ion Ratio Lower Upper
178 100
179 22.5 13.8 20.6#
176 20.1 15.8 23.8

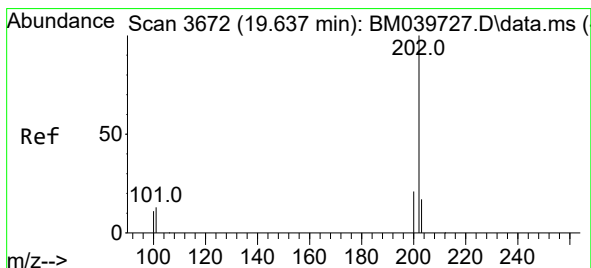
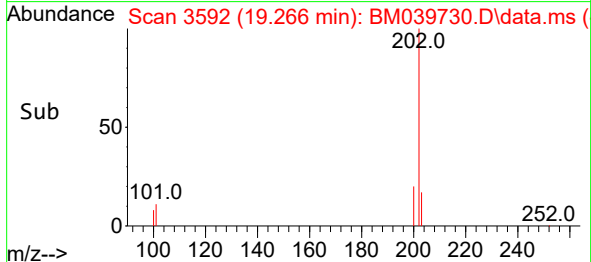
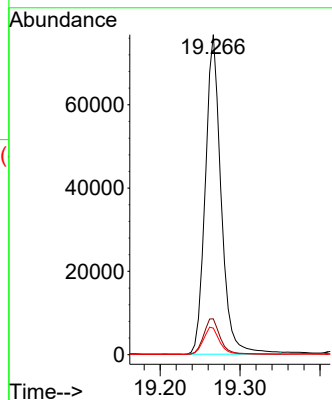
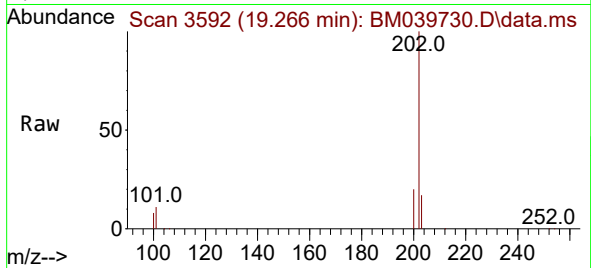




#19
Fluoranthene
Concen: 1.971 ng/ul
RT: 19.266 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039730.D
Acq: 28 Apr 2023 11:26

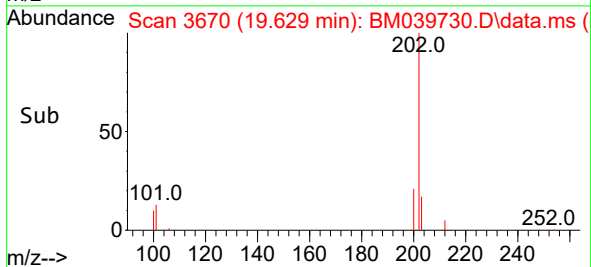
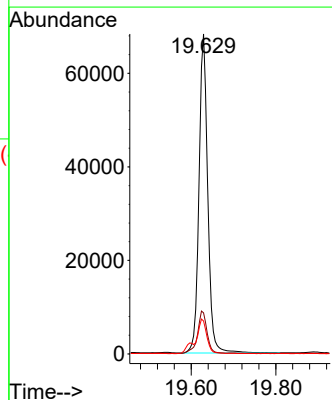
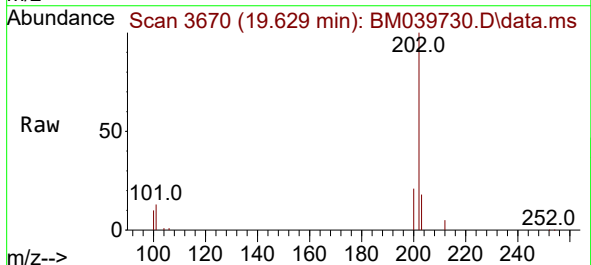
Instrument :
BNA_M
ClientSampleId :
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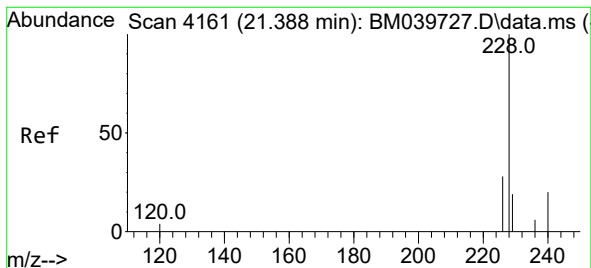
Tgt Ion:202 Resp: 105794
Ion Ratio Lower Upper
202 100
101 11.2 9.8 14.8
100 8.3 7.3 10.9



#20
Pyrene
Concen: 1.691 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039730.D
Acq: 28 Apr 2023 11:26

Tgt Ion:202 Resp: 97988
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 10.3 8.9 13.3





#21

Benzo(a)anthracene

Concen: 1.111 ng/ul

RT: 21.382 min Scan# 41

Delta R.T. -0.015 min

Lab File: BM039730.D

Acq: 28 Apr 2023 11:26

Instrument :

BNA_M

ClientSampleId :

EW8Z2DL

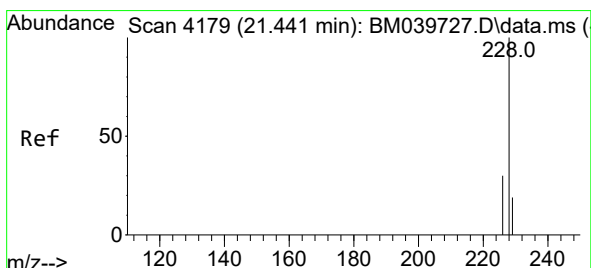
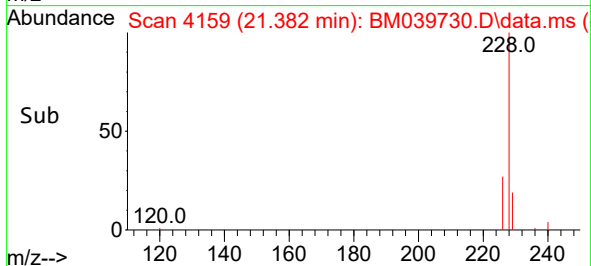
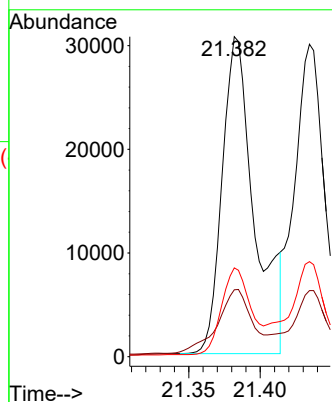
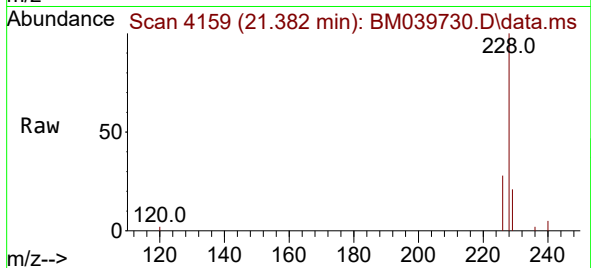
Tgt Ion:228 Resp: 48070

Ion Ratio Lower Upper

228 100

229 20.9 16.2 24.2

226 27.7 21.6 32.4



#22

Chrysene

Concen: 0.911 ng/ul

RT: 21.434 min Scan# 4177

Delta R.T. -0.012 min

Lab File: BM039730.D

Acq: 28 Apr 2023 11:26

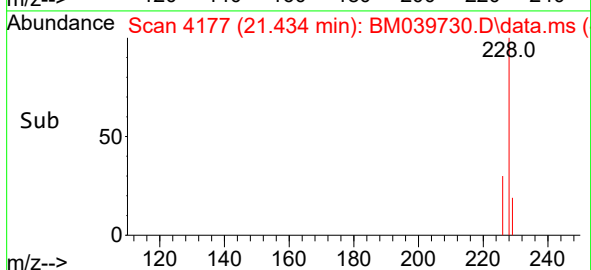
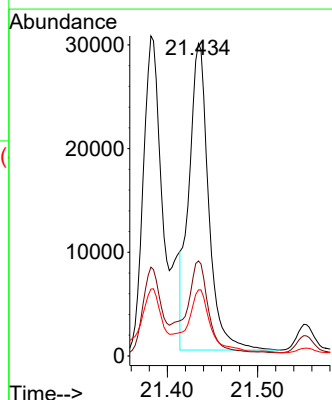
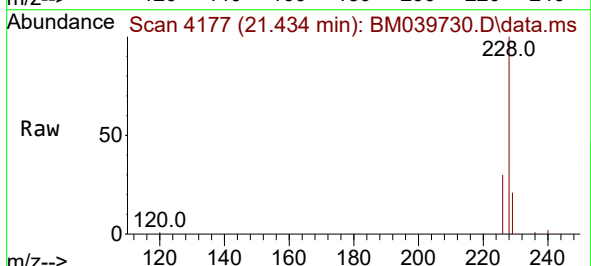
Tgt Ion:228 Resp: 44615

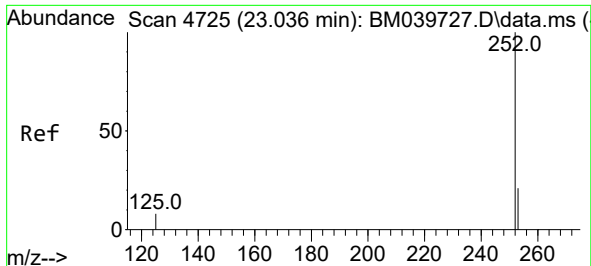
Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 21.2 15.9 23.9

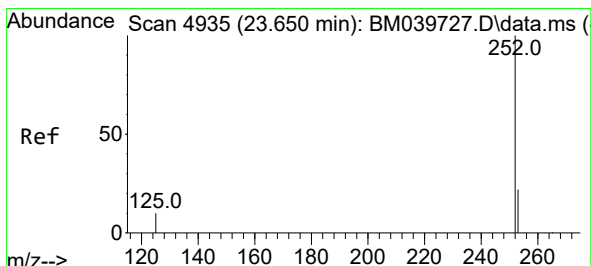
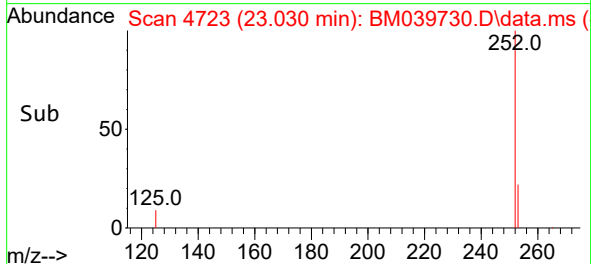
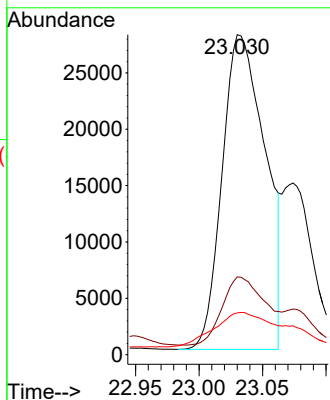
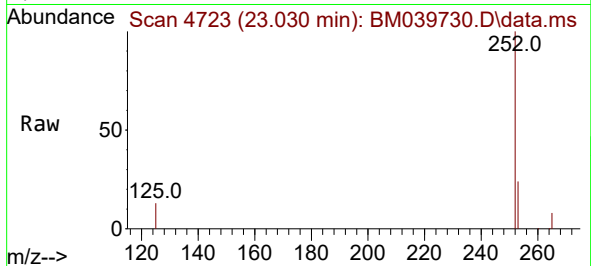




#24
Benzo(b)fluoranthene
Concen: 1.410 ng/ul
RT: 23.030 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM039730.D
Acq: 28 Apr 2023 11:26

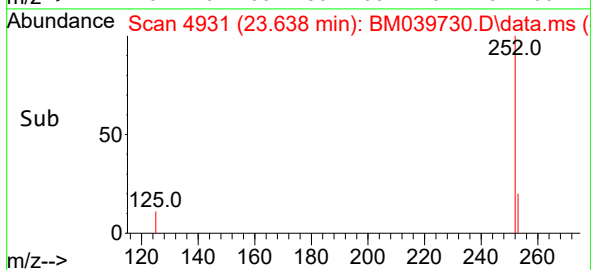
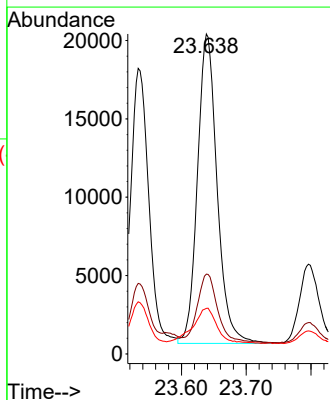
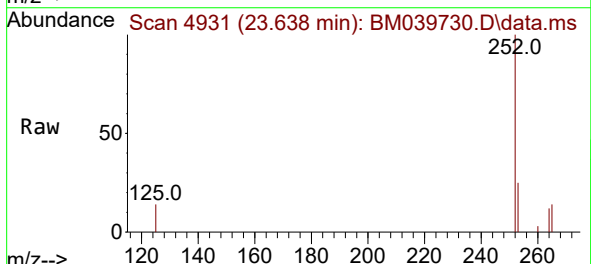
Instrument :
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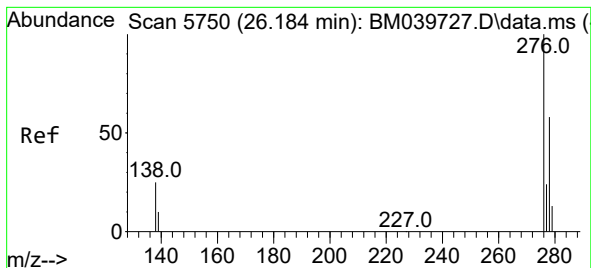
Tgt Ion:252 Resp: 65631
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.8
125 13.0 0.0 31.6



#26
Benzo(a)pyrene
Concen: 0.998 ng/ul
RT: 23.638 min Scan# 4931
Delta R.T. -0.026 min
Lab File: BM039730.D
Acq: 28 Apr 2023 11:26

Tgt Ion:252 Resp: 41681
Ion Ratio Lower Upper
252 100
253 25.0 24.7 37.1
125 14.2 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.545 ng/ul

RT: 26.171 min Scan# 5

Delta R.T. -0.030 min

Lab File: BM039730.D

Acq: 28 Apr 2023 11:26

Instrument :

BNA_M

ClientSampleId :

EW8Z2DL

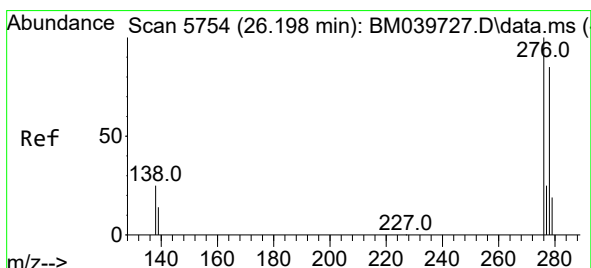
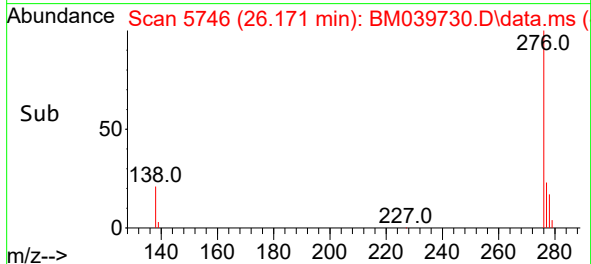
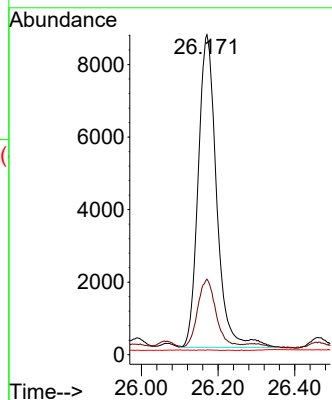
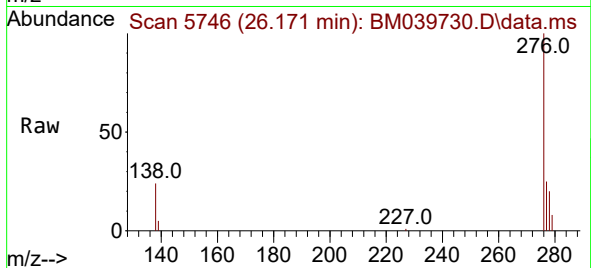
Tgt Ion:276 Resp: 28806

Ion Ratio Lower Upper

276 100

138 23.2 21.1 31.7

227 0.1 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.155 ng/ul

RT: 26.174 min Scan# 5747

Delta R.T. -0.044 min

Lab File: BM039730.D

Acq: 28 Apr 2023 11:26

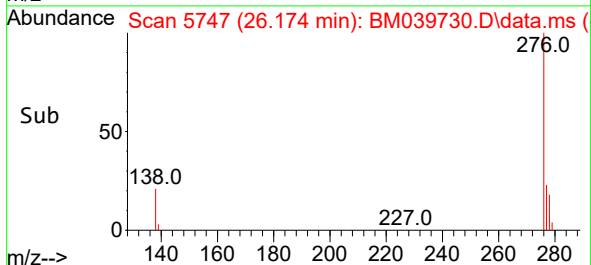
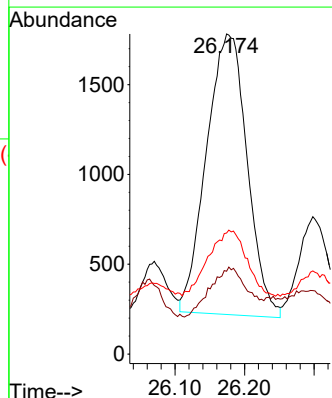
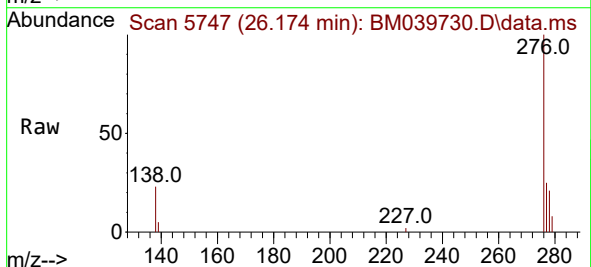
Tgt Ion:278 Resp: 6348

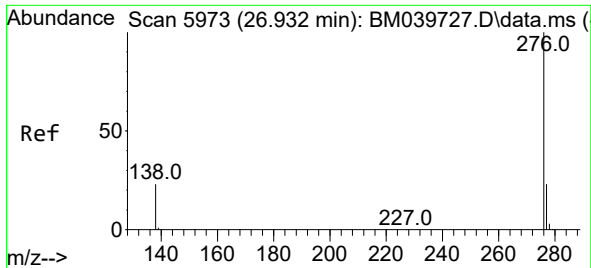
Ion Ratio Lower Upper

278 100

139 25.9 17.0 25.6#

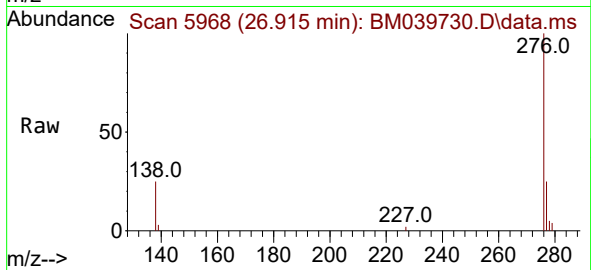
279 37.8 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.558 ng/ul
 RT: 26.915 min Scan# 5968
 Delta R.T. -0.034 min
 Lab File: BM039730.D
 Acq: 28 Apr 2023 11:26

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z2DL



Tgt Ion:	276	Resp:	25681
Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.1	30.1
277	25.1	20.1	30.1

