

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046842.D
 Acq On : 26 Jul 2024 22:11
 Operator : MA/JU
 Sample : P3263-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BB2DL

Quant Time: Jul 27 00:08:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

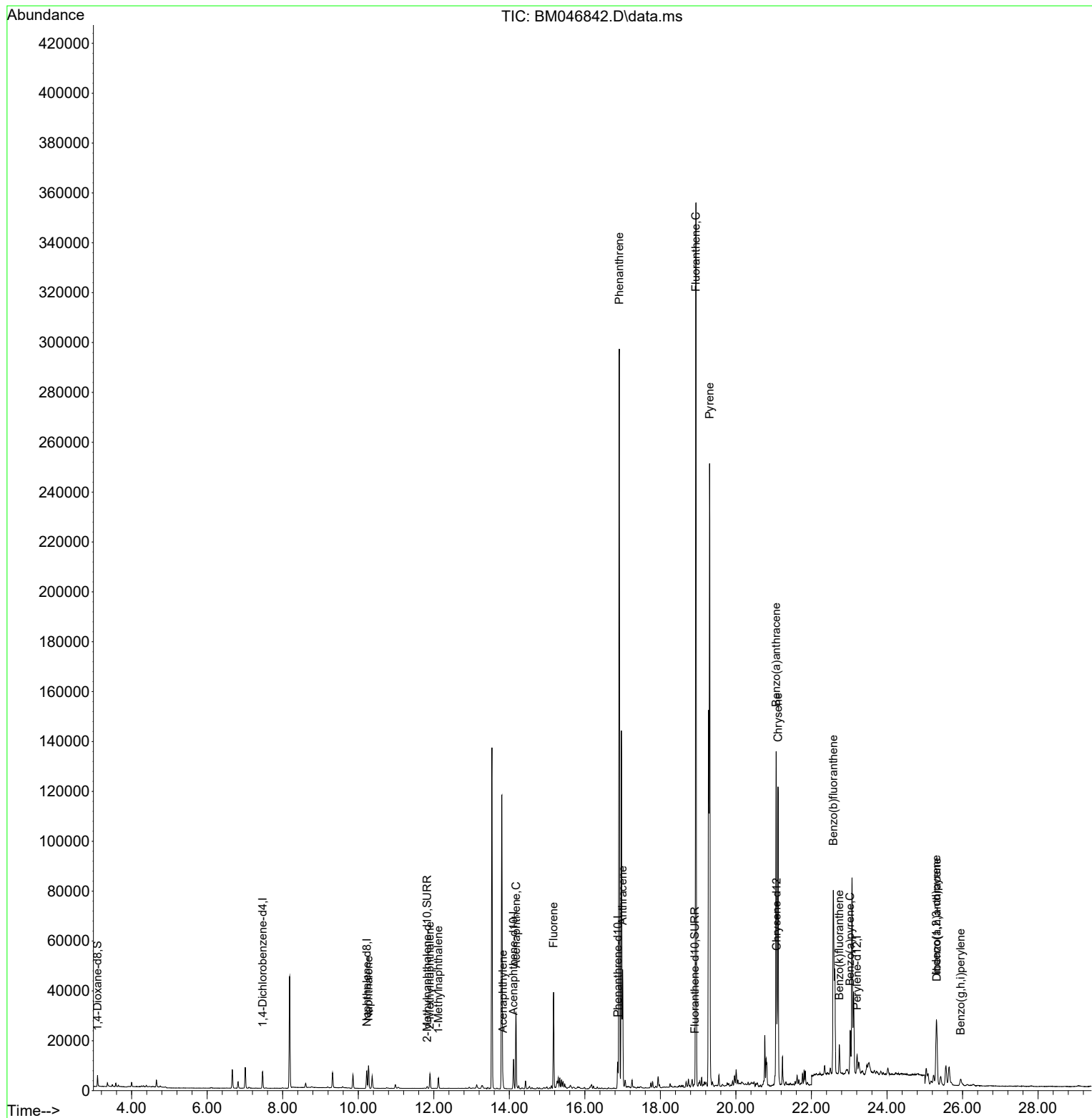
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	3366	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	9631	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.112	164	6203	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	12866	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	7783	0.400	ng/ul	# 0.00
23) Perylene-d12	23.206	264	8961	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	2673	1.134	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	1015	0.066	ng/ul	0.00
18) Fluoranthene-d10	18.912	212	2021	0.080	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.270	128	11969	0.491	ng/ul	99
7) 2-Methylnaphthalene	11.898	142	4092	0.244	ng/ul	99
8) 1-Methylnaphthalene	12.123	142	2843	0.164	ng/ul	100
10) Acenaphthylene	13.830	152	3939	0.139	ng/ul#	96
11) Acenaphthene	14.177	153	17602	0.913	ng/ul	100
12) Fluorene	15.172	166	23072	0.957	ng/ul	99
15) Phenanthrene	16.912	178	312054	8.438	ng/ul	97
16) Anthracene	17.001	178	47872	1.391	ng/ul	100
19) Fluoranthene	18.940	202	313789	9.180	ng/ul	99
20) Pyrene	19.303	202	222688	6.298	ng/ul	99
21) Benzo(a)anthracene	21.064	228	112582	3.471	ng/ul	100
22) Chrysene	21.114	228	111096	3.372	ng/ul	98
24) Benzo(b)fluoranthene	22.578	252	166216	4.225	ng/ul	93
25) Benzo(k)fluoranthene	22.739	252	12991	0.328	ng/ul	92
26) Benzo(a)pyrene	23.025	252	23903	0.846	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.310	276	38066	0.876	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.320	278	14839	0.466	ng/ul	97
29) Benzo(g,h,i)perylene	25.947	276	5837	0.152	ng/ul#	81

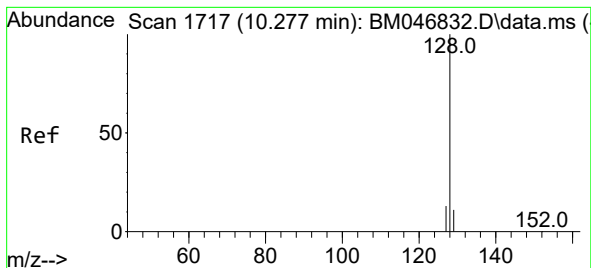
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.491 ng/ul

RT: 10.270 min Scan# 11

Delta R.T. -0.007 min

Lab File: BM046842.D

Acq: 26 Jul 2024 22:11

Instrument :

BNA_M

ClientSampleId :

A4BB2DL

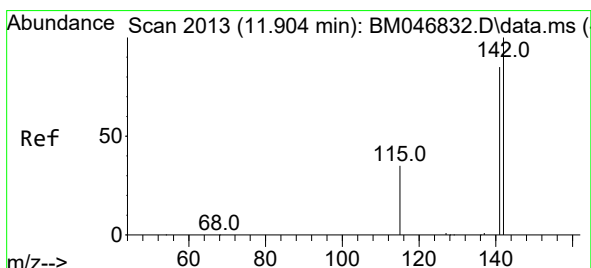
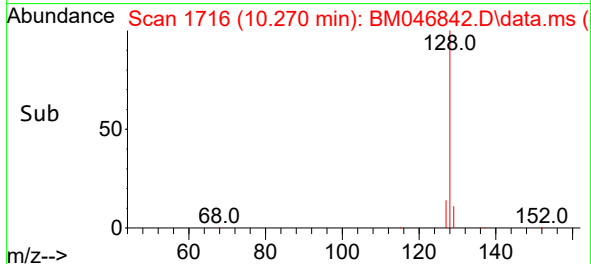
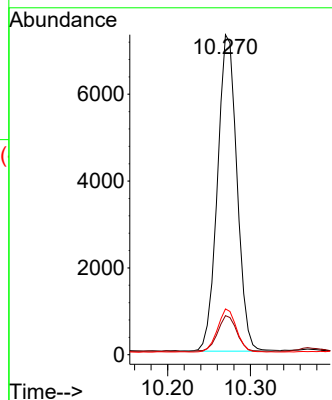
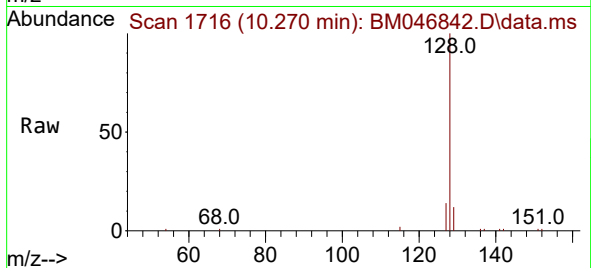
Tgt Ion:128 Resp: 11969

Ion Ratio Lower Upper

128 100

129 12.2 10.1 15.1

127 14.3 11.5 17.3



#7

2-Methylnaphthalene

Concen: 0.244 ng/ul

RT: 11.898 min Scan# 2012

Delta R.T. -0.007 min

Lab File: BM046842.D

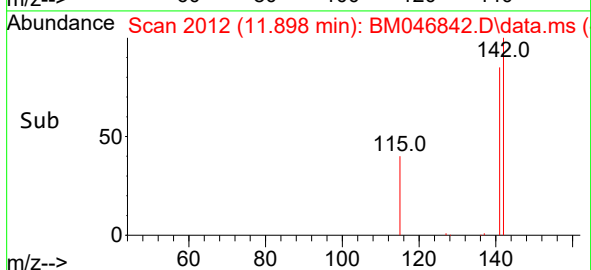
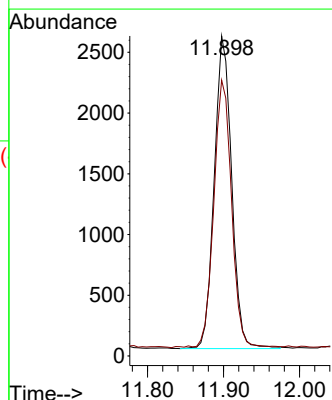
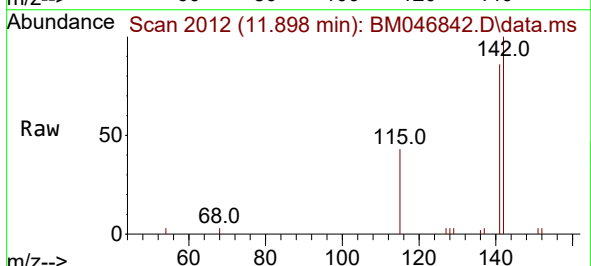
Acq: 26 Jul 2024 22:11

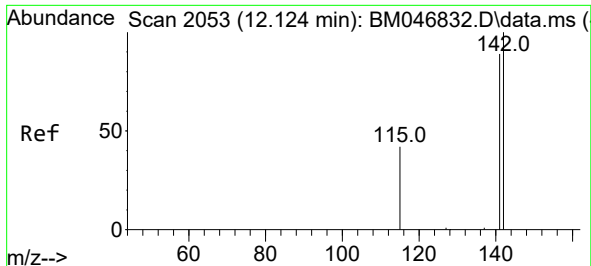
Tgt Ion:142 Resp: 4092

Ion Ratio Lower Upper

142 100

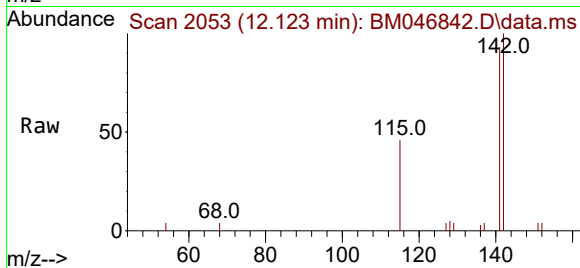
141 87.4 70.5 105.7



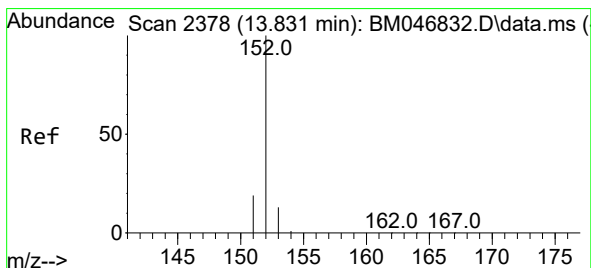
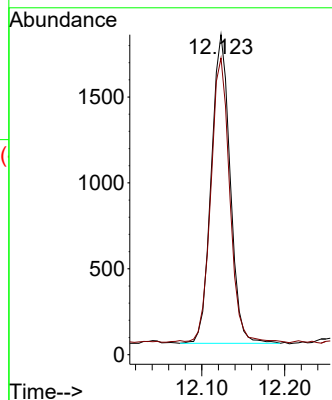
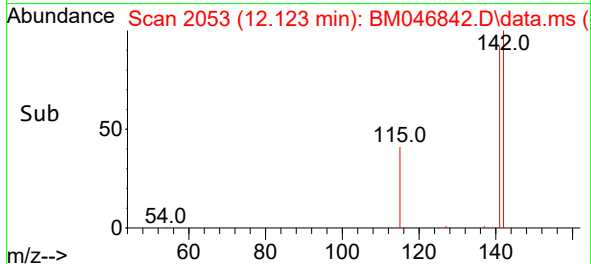


#8
1-Methylnaphthalene
Concen: 0.164 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.007 min
Lab File: BM046842.D
Acq: 26 Jul 2024 22:11

Instrument :
BNA_M
ClientSampleId :
A4BB2DL

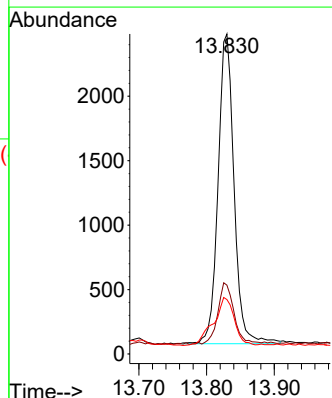
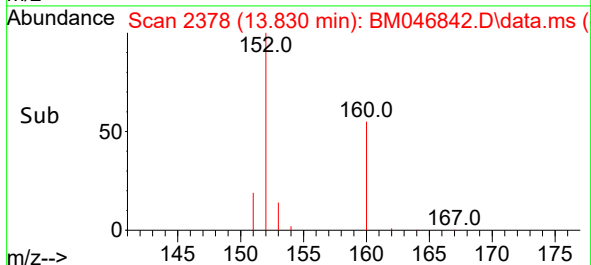
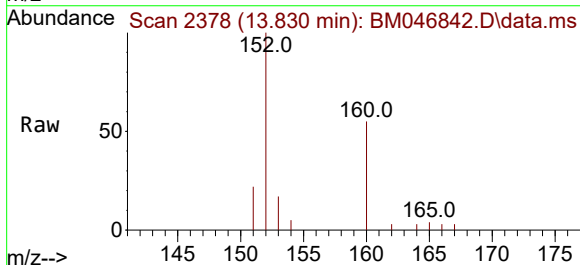


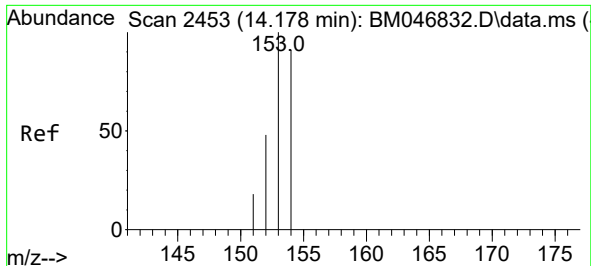
Tgt Ion:142 Resp: 2843
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7



#10
Acenaphthylene
Concen: 0.139 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.001 min
Lab File: BM046842.D
Acq: 26 Jul 2024 22:11

Tgt Ion:152 Resp: 3939
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2
153 17.0 11.0 16.6#

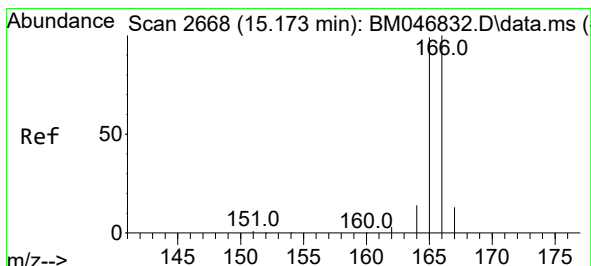
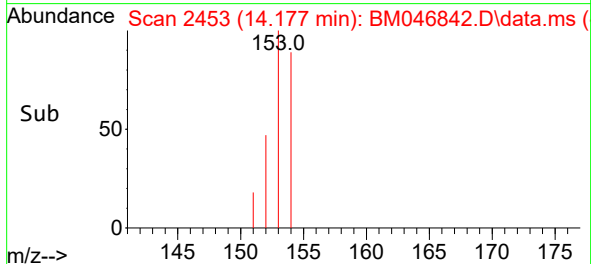
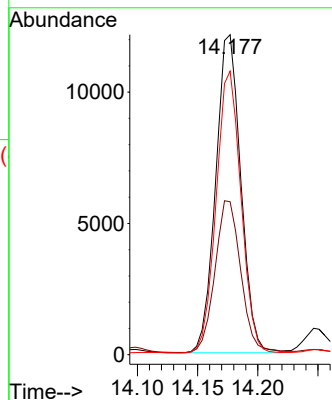
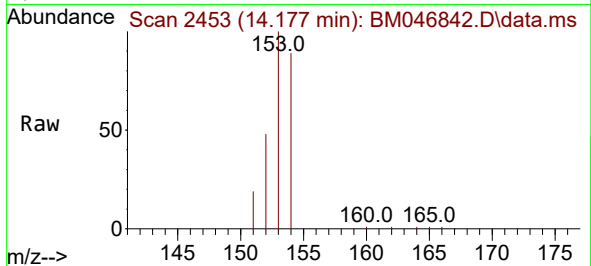




#11
Acenaphthene
Concen: 0.913 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM046842.D
Acq: 26 Jul 2024 22:11

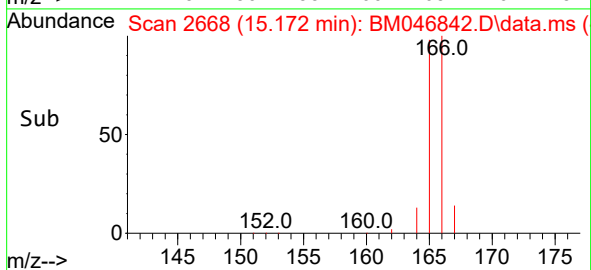
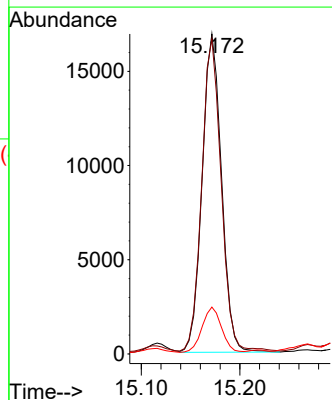
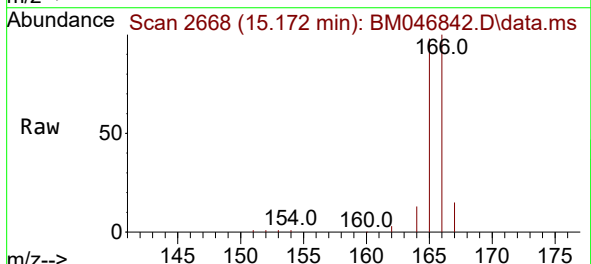
Instrument :
BNA_M
ClientSampleId :
A4BB2DL

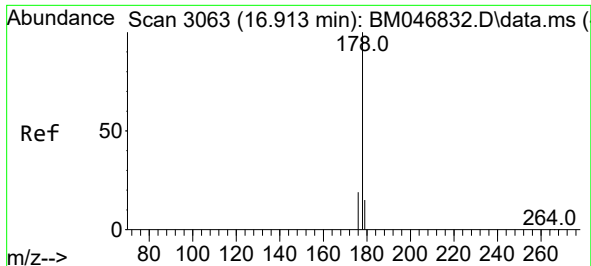
Tgt Ion:153 Resp: 17602
Ion Ratio Lower Upper
153 100
152 47.8 38.6 57.8
154 88.6 70.8 106.2



#12
Fluorene
Concen: 0.957 ng/ul
RT: 15.172 min Scan# 2668
Delta R.T. -0.006 min
Lab File: BM046842.D
Acq: 26 Jul 2024 22:11

Tgt Ion:166 Resp: 23072
Ion Ratio Lower Upper
166 100
165 98.4 79.8 119.6
167 14.6 12.3 18.5

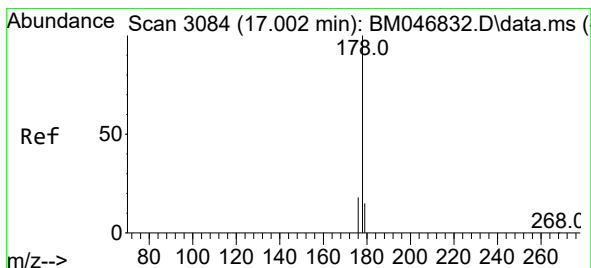
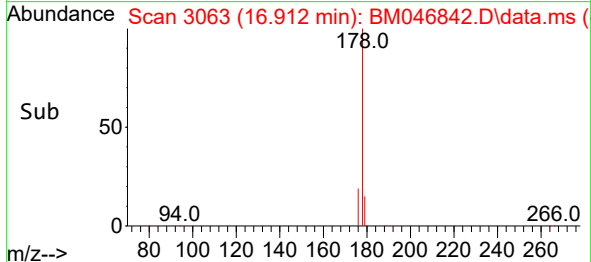
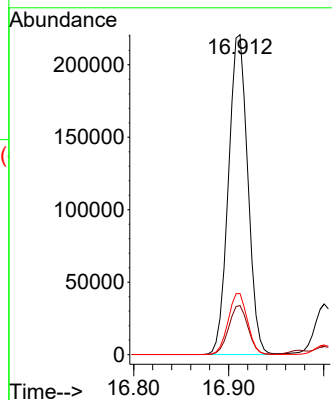
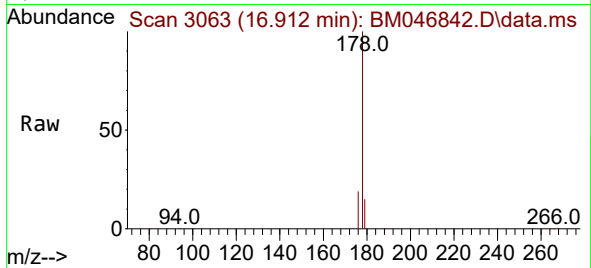




#15
Phenanthrene
Concen: 8.438 ng/ul
RT: 16.912 min Scan# 3063
Delta R.T. -0.001 min
Lab File: BM046842.D
Acq: 26 Jul 2024 22:11

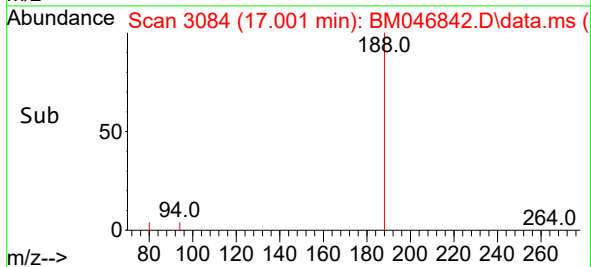
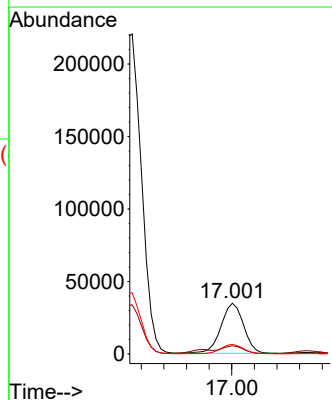
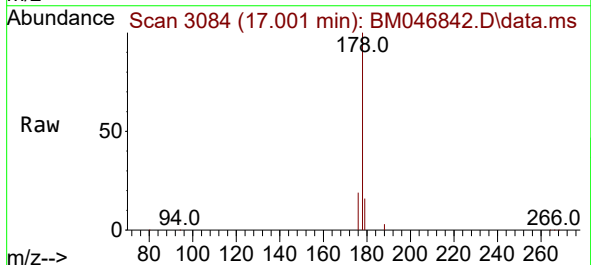
Instrument :
BNA_M
ClientSampleId :
A4BB2DL

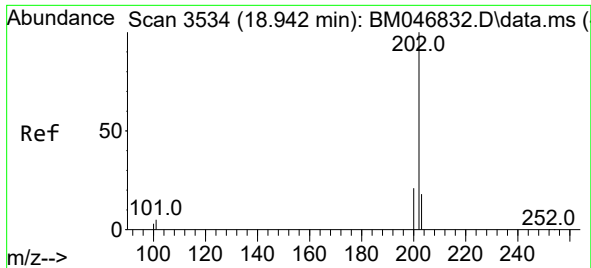
Tgt Ion:178 Resp: 312054
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 19.1 16.1 24.1



#16
Anthracene
Concen: 1.391 ng/ul
RT: 17.001 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM046842.D
Acq: 26 Jul 2024 22:11

Tgt Ion:178 Resp: 47872
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 18.8 15.0 22.6

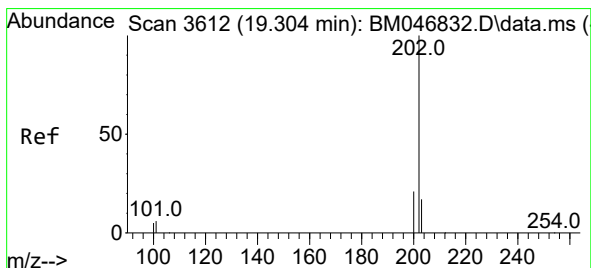
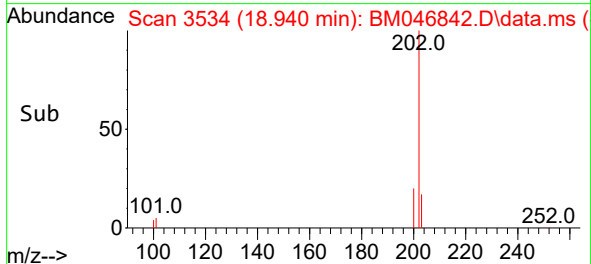
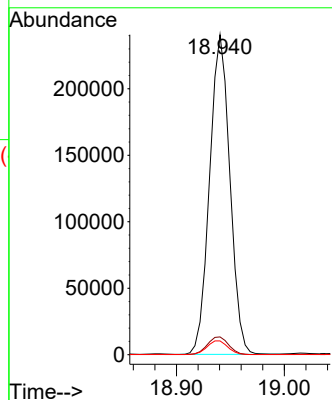
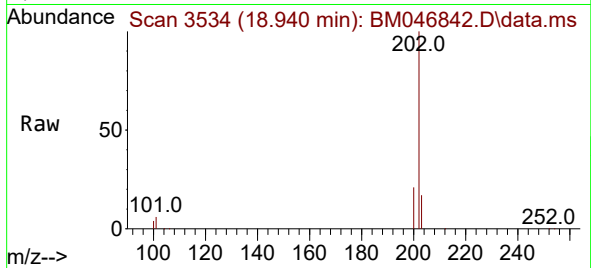




#19
Fluoranthene
Concen: 9.180 ng/ul
RT: 18.940 min Scan# 3534
Delta R.T. -0.001 min
Lab File: BM046842.D
Acq: 26 Jul 2024 22:11

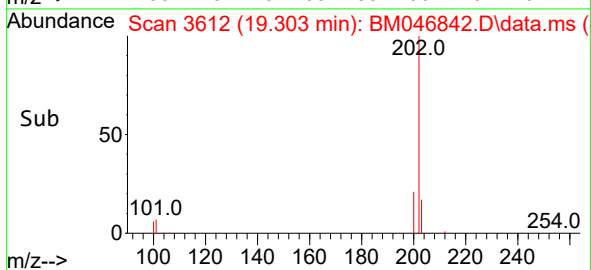
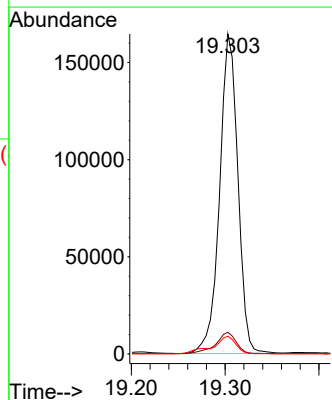
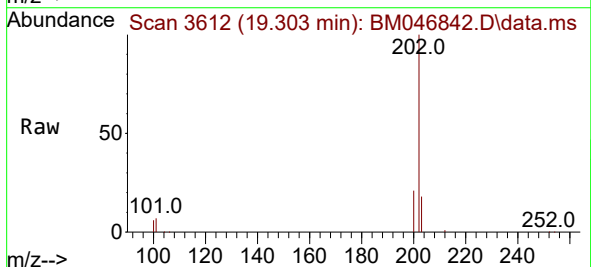
Instrument :
BNA_M
ClientSampleId :
A4BB2DL

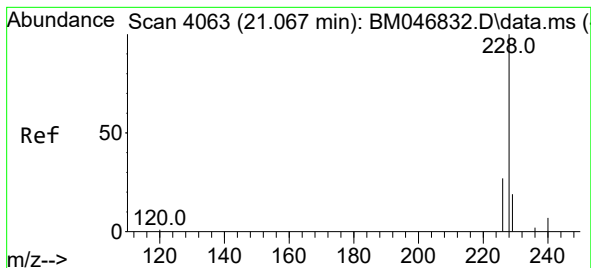
Tgt Ion:202 Resp: 313789
Ion Ratio Lower Upper
202 100
101 5.6 4.7 7.1
100 4.3 3.4 5.2



#20
Pyrene
Concen: 6.298 ng/ul
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046842.D
Acq: 26 Jul 2024 22:11

Tgt Ion:202 Resp: 222688
Ion Ratio Lower Upper
202 100
101 6.8 5.2 7.8
100 5.6 4.3 6.5





#21

Benzo(a)anthracene

Concen: 3.471 ng/ul

RT: 21.064 min Scan# 4062

Delta R.T. 0.000 min

Lab File: BM046842.D

Acq: 26 Jul 2024 22:11

Instrument :

BNA_M

ClientSampleId :

A4BB2DL

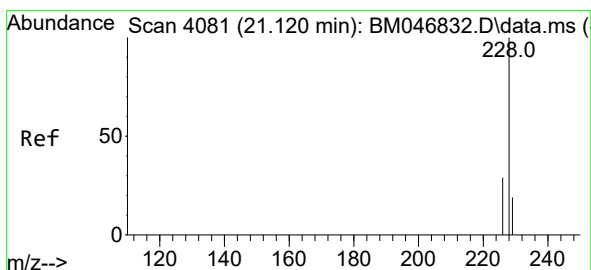
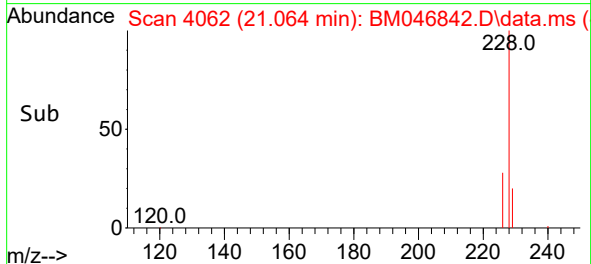
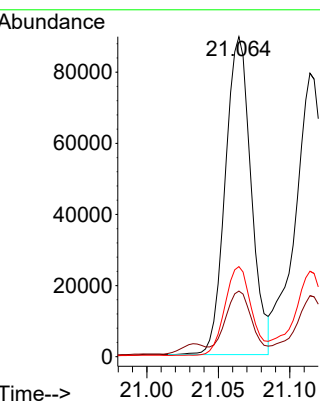
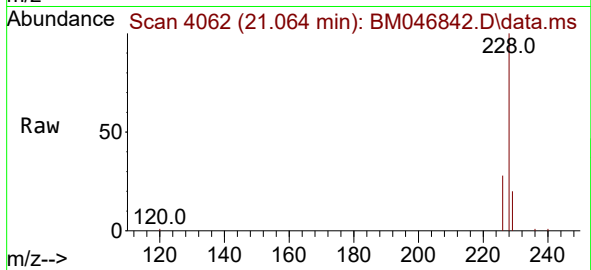
Tgt Ion:228 Resp: 112582

Ion Ratio Lower Upper

228 100

229 20.5 16.3 24.5

226 28.1 22.3 33.5



#22

Chrysene

Concen: 3.372 ng/ul

RT: 21.114 min Scan# 4079

Delta R.T. -0.003 min

Lab File: BM046842.D

Acq: 26 Jul 2024 22:11

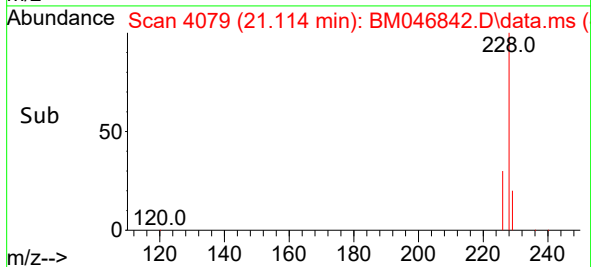
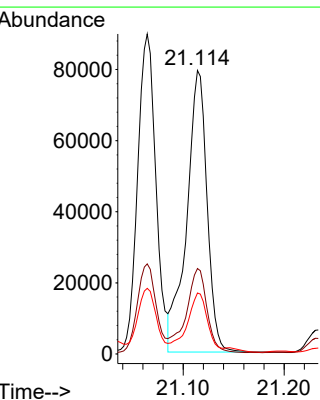
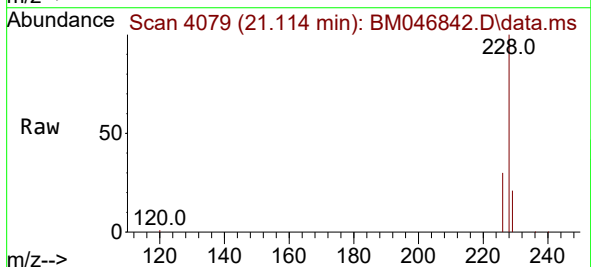
Tgt Ion:228 Resp: 111096

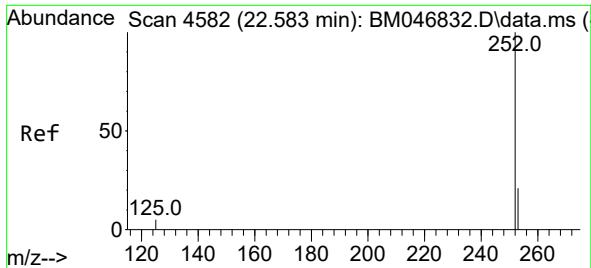
Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 21.5 16.2 24.2

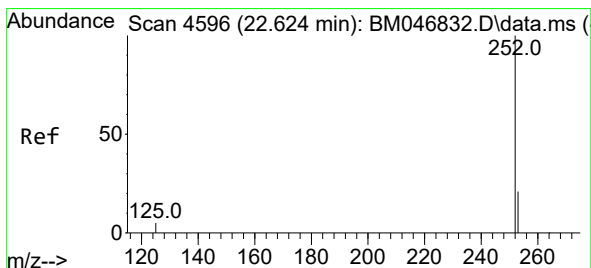
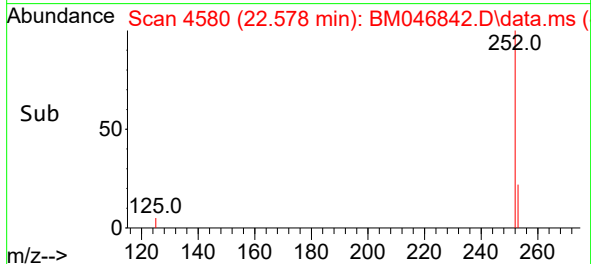
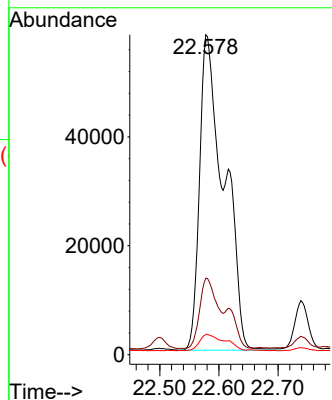
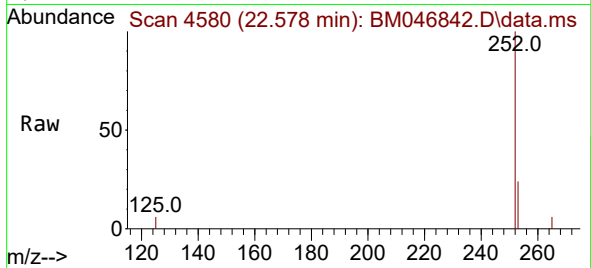




#24
Benzo(b)fluoranthene
Concen: 4.225 ng/ul
RT: 22.578 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046842.D
Acq: 26 Jul 2024 22:11

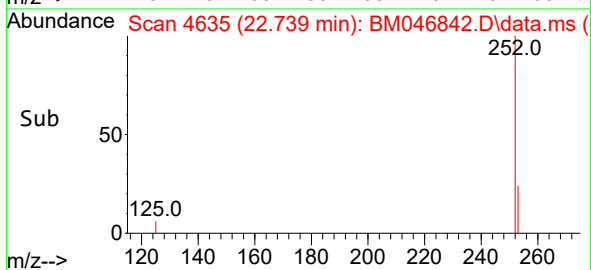
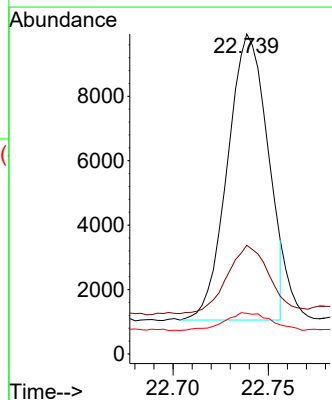
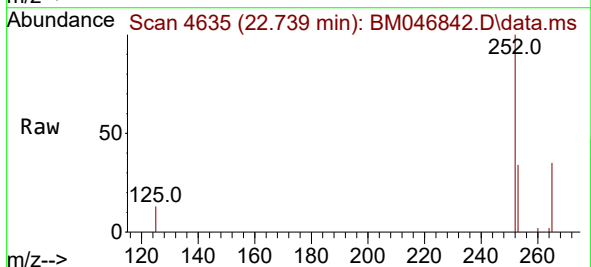
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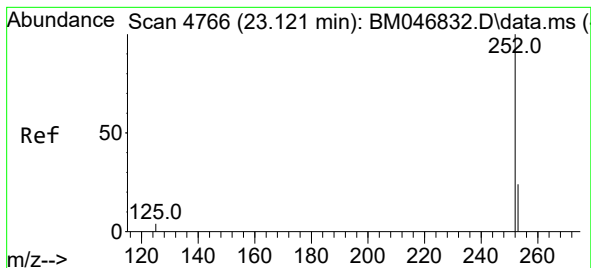
Tgt Ion:252 Resp: 166216
Ion Ratio Lower Upper
252 100
253 23.9 0.0 56.4
125 6.3 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 0.328 ng/ul
RT: 22.739 min Scan# 4635
Delta R.T. 0.117 min
Lab File: BM046842.D
Acq: 26 Jul 2024 22:11

Tgt Ion:252 Resp: 12991
Ion Ratio Lower Upper
252 100
253 34.0 23.5 35.3
125 12.7 8.6 13.0





#26

Benzo(a)pyrene

Concen: 0.846 ng/ul

RT: 23.025 min Scan# 4766

Delta R.T. -0.093 min

Lab File: BM046842.D

Acq: 26 Jul 2024 22:11

Instrument :

BNA_M

ClientSampleId :

A4BB2DL

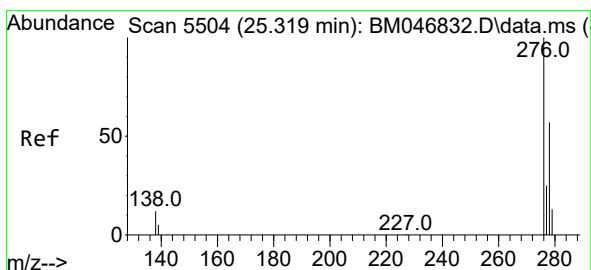
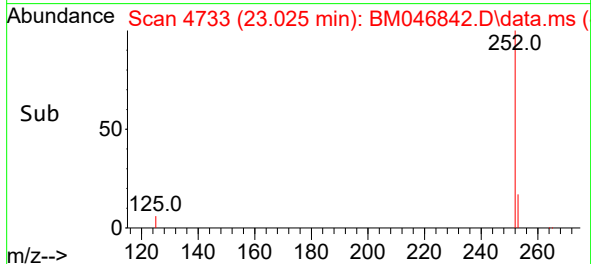
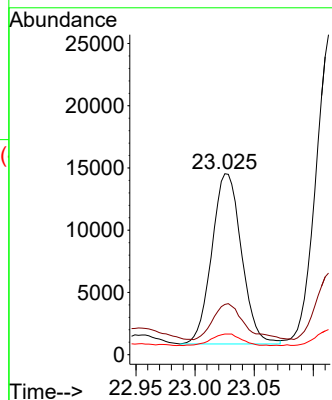
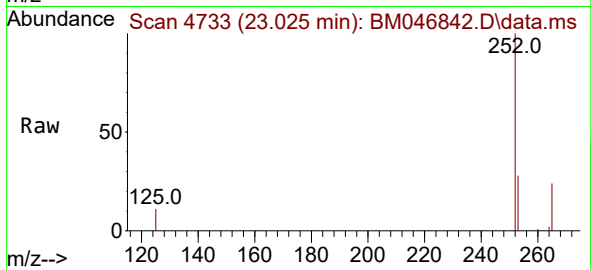
Tgt Ion:252 Resp: 23903

Ion Ratio Lower Upper

252 100

253 27.8 26.0 39.0

125 11.5 7.8 11.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.876 ng/ul

RT: 25.310 min Scan# 5501

Delta R.T. -0.006 min

Lab File: BM046842.D

Acq: 26 Jul 2024 22:11

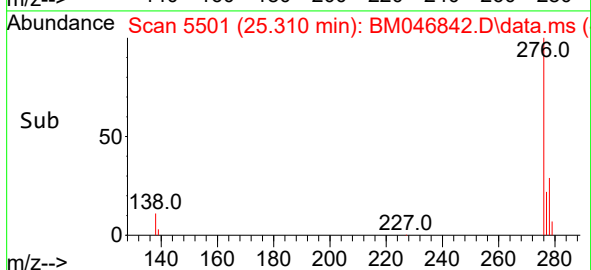
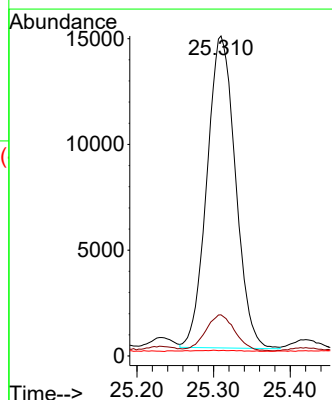
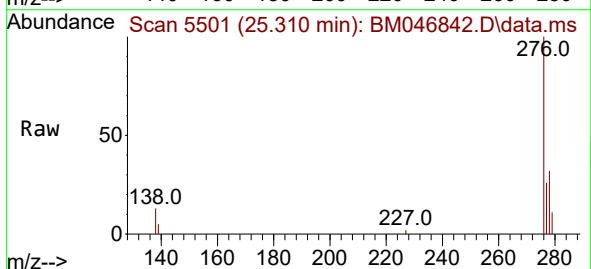
Tgt Ion:276 Resp: 38066

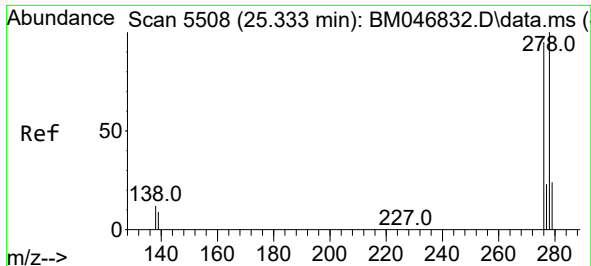
Ion Ratio Lower Upper

276 100

138 12.0 9.7 14.5

227 0.3 0.2 0.2#

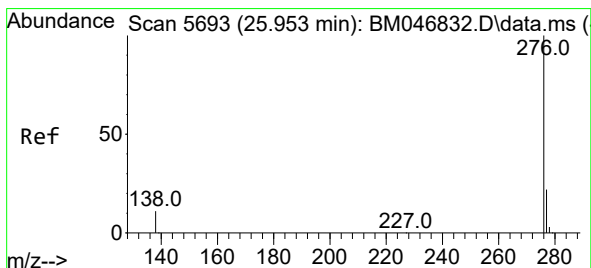
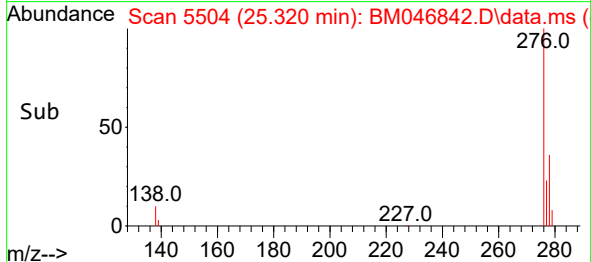
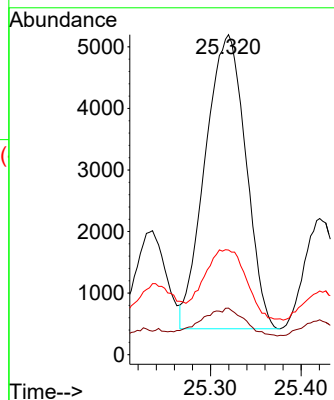
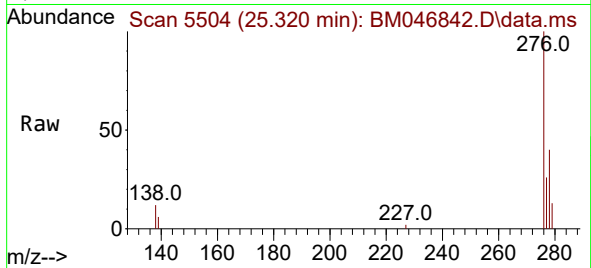




#28
Dibenzo(a,h)anthracene
Concen: 0.466 ng/ul
RT: 25.320 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM046842.D
Acq: 26 Jul 2024 22:11

Instrument :
BNA_M
ClientSampleId :
A4BB2DL

Tgt Ion:278 Resp: 14839
Ion Ratio Lower Upper
278 100
139 14.6 9.8 14.8
279 32.7 25.2 37.8



#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 25.947 min Scan# 5691
Delta R.T. -0.006 min
Lab File: BM046842.D
Acq: 26 Jul 2024 22:11

Tgt Ion:276 Resp: 5837
Ion Ratio Lower Upper
276 100
138 21.6 9.5 14.3#
277 34.0 20.9 31.3#

