

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046754.D
 Acq On : 22 Jul 2024 16:35
 Operator : MA/JU
 Sample : P3201-20DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK6DL

Quant Time: Jul 22 17:36:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

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

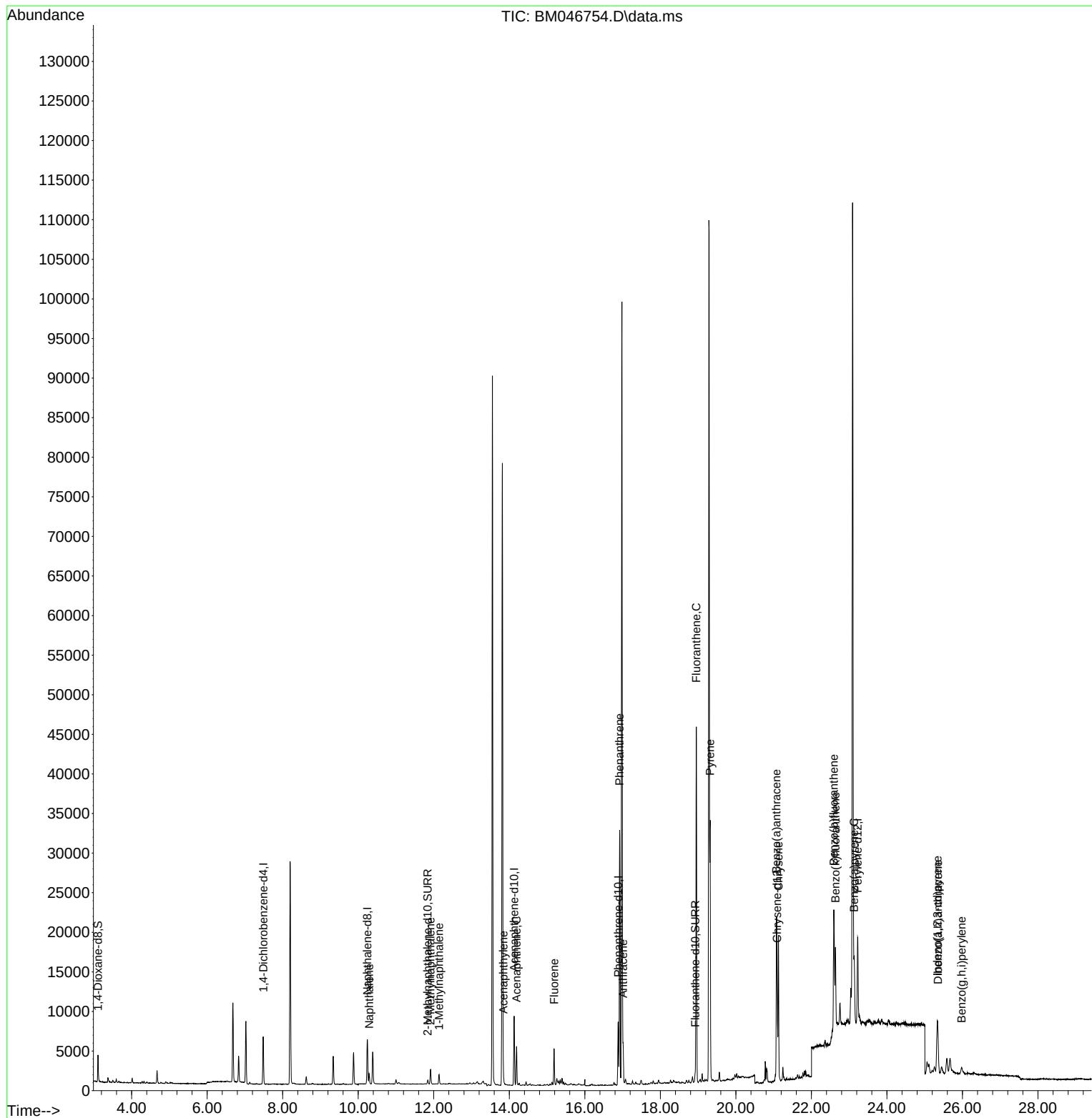
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	2964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	7708	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.127	164	4800	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	9888	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	8532	0.400	ng/ul	0.00
23) Perylene-d12	23.223	264	13269	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	1994	0.819	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	710	0.057	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	1480	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.288	128	1730	0.088	ng/ul#	92
7) 2-Methylnaphthalene	11.915	142	1283	0.093	ng/ul	100
8) 1-Methylnaphthalene	12.141	142	816	0.058	ng/ul	99
10) Acenaphthylene	13.840	152	766	0.035	ng/ul#	79
11) Acenaphthene	14.192	153	2789	0.191	ng/ul	97
12) Fluorene	15.187	166	2741	0.151	ng/ul	97
15) Phenanthrene	16.922	178	33057	1.172	ng/ul	99
16) Anthracene	17.015	178	4957	0.180	ng/ul	98
19) Fluoranthene	18.951	202	40760	1.163	ng/ul	99
20) Pyrene	19.318	202	29571	0.779	ng/ul	99
21) Benzo(a)anthracene	21.076	228	15592	0.413	ng/ul	97
22) Chrysene	21.128	228	16967	0.465	ng/ul	98
24) Benzo(b)fluoranthene	22.595	252	24506	0.462	ng/ul	96
25) Benzo(k)fluoranthene	22.636	252	9460	0.182	ng/ul#	83
26) Benzo(a)pyrene	23.133	252	11262	0.258	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.336	276	10151	0.153	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.349	278	3545	0.067	ng/ul#	41
29) Benzo(g,h,i)perylene	25.980	276	1878	0.035	ng/ul#	36

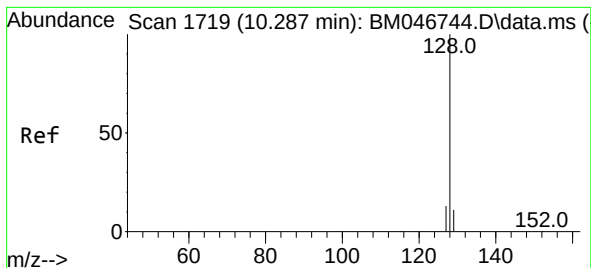
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
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Quant Time: Jul 22 17:36:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.088 ng/ul

RT: 10.288 min Scan# 1719

Delta R.T. -0.010 min

Lab File: BM046754.D

Acq: 22 Jul 2024 16:35

Instrument :

BNA_M

ClientSampleId :

A4CK6DL

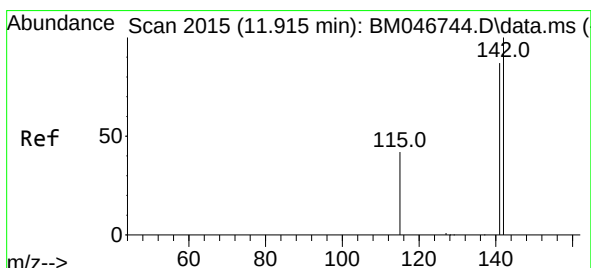
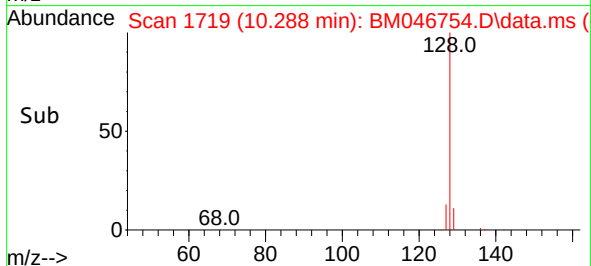
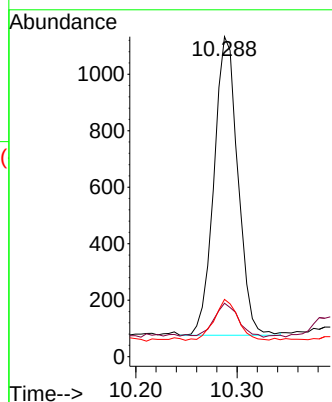
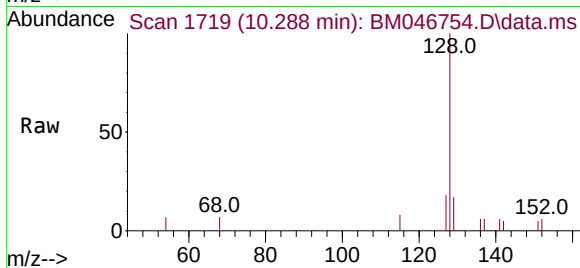
Tgt Ion:128 Resp: 1730

Ion Ratio Lower Upper

128 100

129 16.7 10.3 15.5#

127 17.9 12.2 18.4



#7

2-Methylnaphthalene

Concen: 0.093 ng/ul

RT: 11.915 min Scan# 2015

Delta R.T. -0.004 min

Lab File: BM046754.D

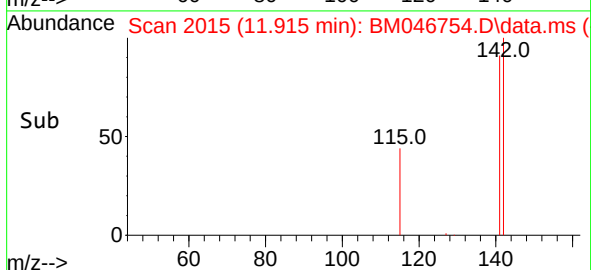
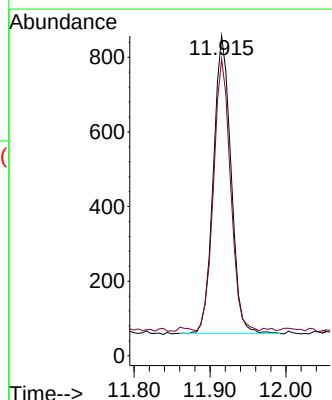
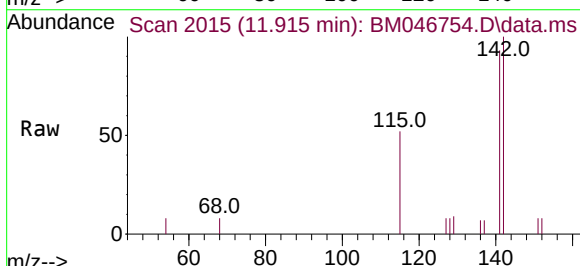
Acq: 22 Jul 2024 16:35

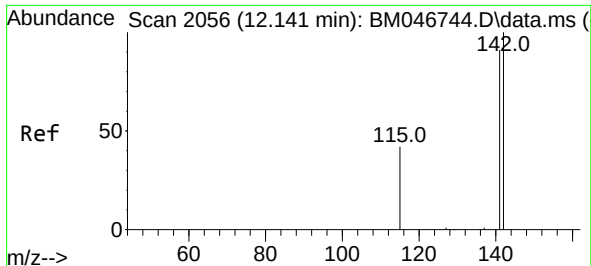
Tgt Ion:142 Resp: 1283

Ion Ratio Lower Upper

142 100

141 88.0 70.3 105.5

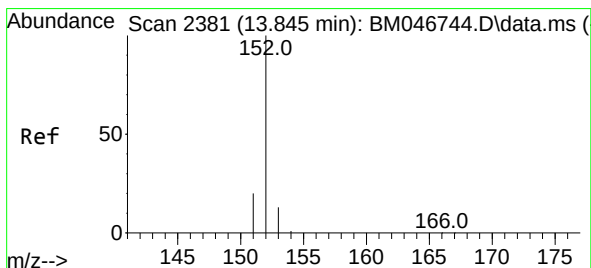
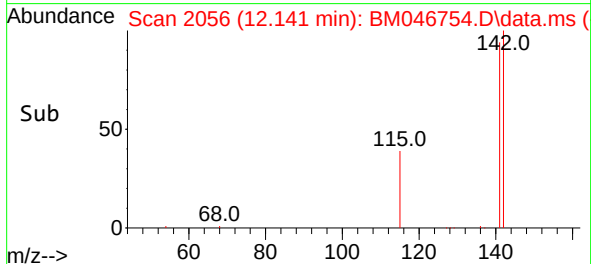
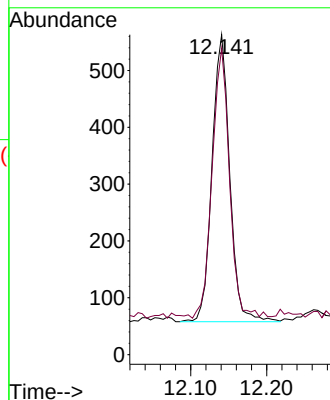
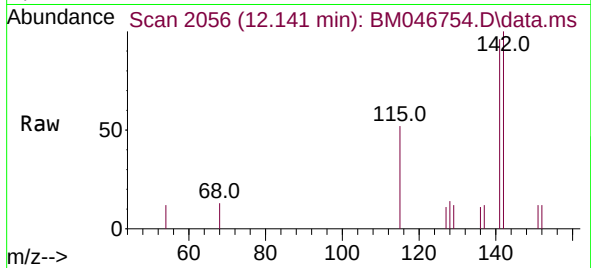




#8
1-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM046754.D
Acq: 22 Jul 2024 16:35

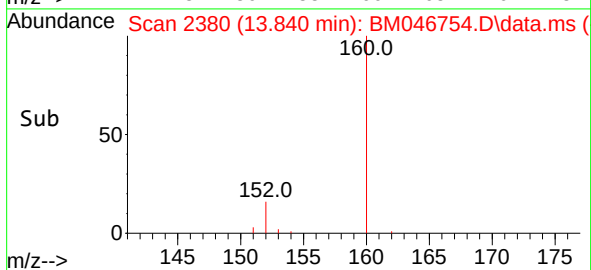
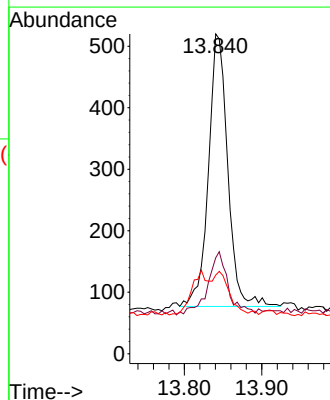
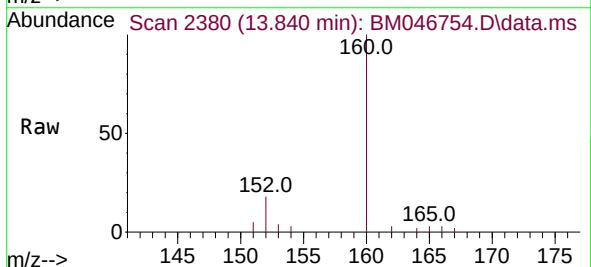
Instrument :
BNA_M
ClientSampleId :
A4CK6DL

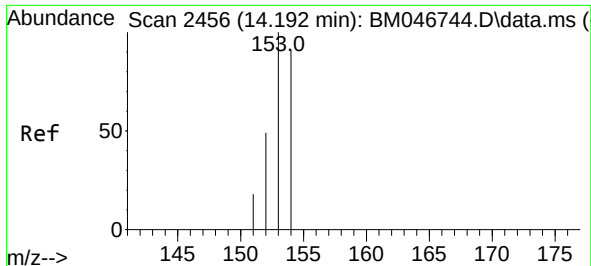
Tgt Ion:142 Resp: 816
Ion Ratio Lower Upper
142 100
141 92.9 73.9 110.9



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.840 min Scan# 2380
Delta R.T. -0.008 min
Lab File: BM046754.D
Acq: 22 Jul 2024 16:35

Tgt Ion:152 Resp: 766
Ion Ratio Lower Upper
152 100
151 30.0 16.4 24.6#
153 24.6 12.4 18.6#

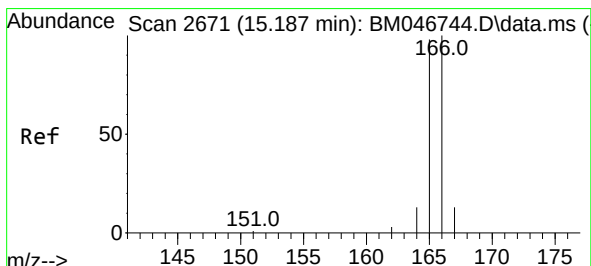
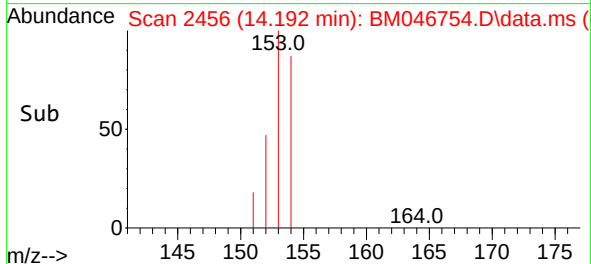
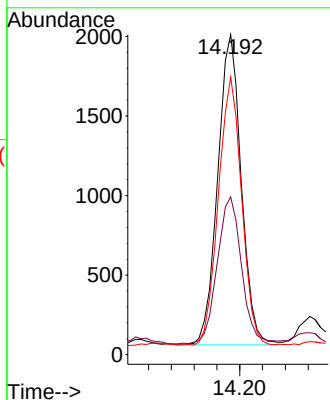
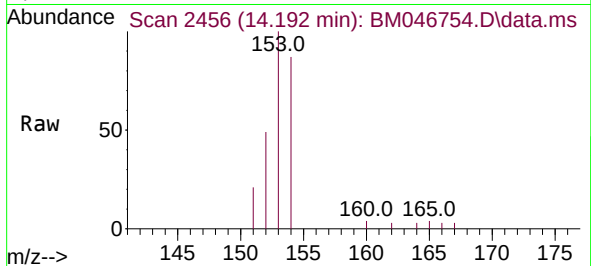




#11
Acenaphthene
Concen: 0.191 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. -0.004 min
Lab File: BM046754.D
Acq: 22 Jul 2024 16:35

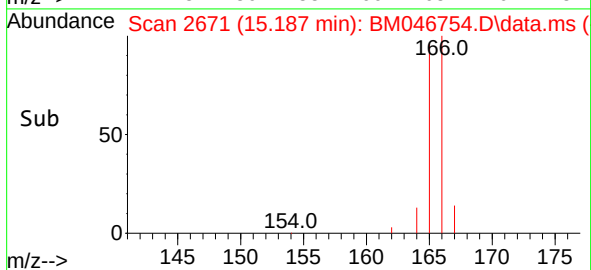
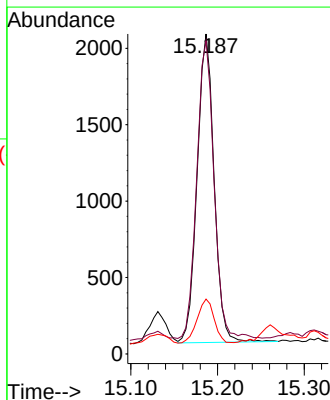
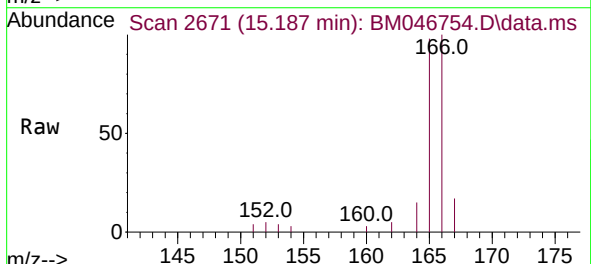
Instrument :
BNA_M
ClientSampleId :
A4CK6DL

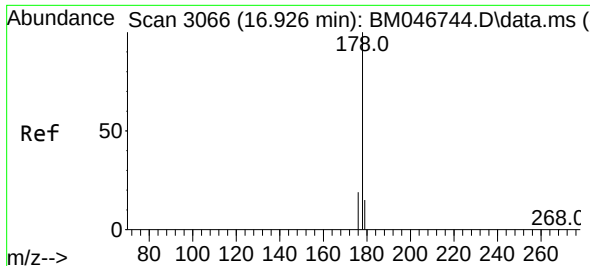
Tgt Ion:153 Resp: 2789
Ion Ratio Lower Upper
153 100
152 49.3 43.0 64.6
154 86.7 69.9 104.9



#12
Fluorene
Concen: 0.151 ng/ul
RT: 15.187 min Scan# 2671
Delta R.T. -0.004 min
Lab File: BM046754.D
Acq: 22 Jul 2024 16:35

Tgt Ion:166 Resp: 2741
Ion Ratio Lower Upper
166 100
165 97.8 76.1 114.1
167 17.1 12.5 18.7

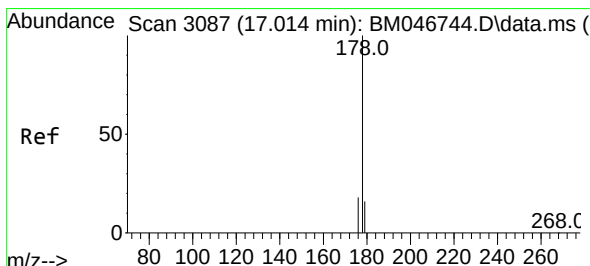
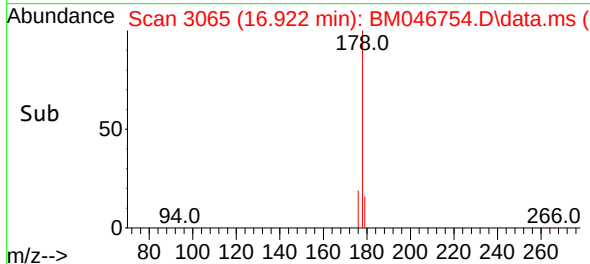
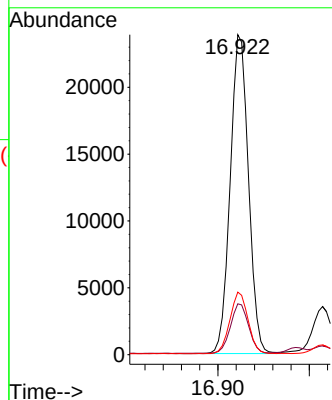
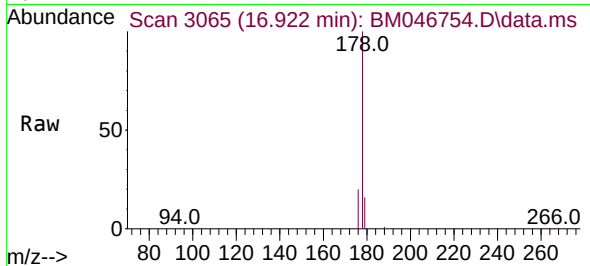




#15
Phenanthrene
Concen: 1.172 ng/ul
RT: 16.922 min Scan# 3065
Delta R.T. -0.003 min
Lab File: BM046754.D
Acq: 22 Jul 2024 16:35

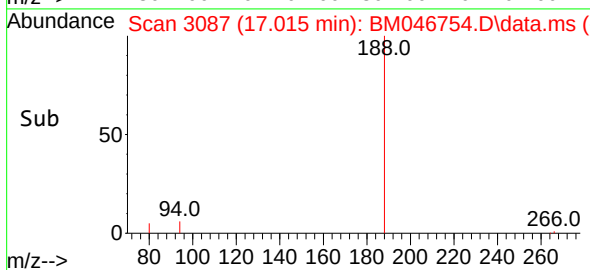
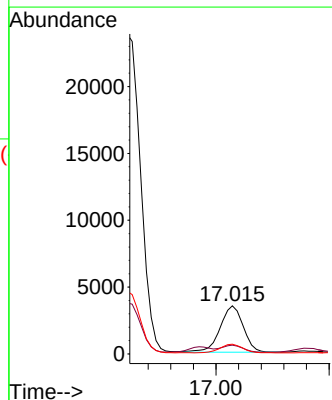
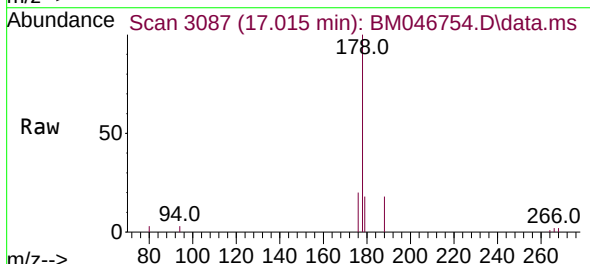
Instrument :
BNA_M
ClientSampleId :
A4CK6DL

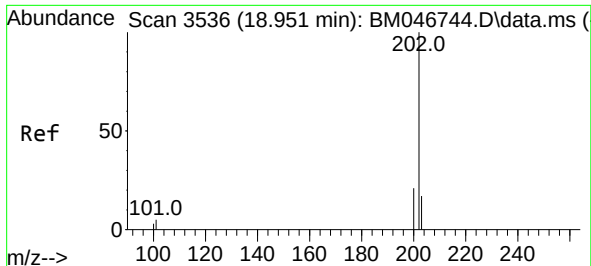
Tgt Ion:178 Resp: 33057
Ion Ratio Lower Upper
178 100
179 15.9 13.1 19.7
176 19.5 16.0 24.0



#16
Anthracene
Concen: 0.180 ng/ul
RT: 17.015 min Scan# 3087
Delta R.T. -0.003 min
Lab File: BM046754.D
Acq: 22 Jul 2024 16:35

Tgt Ion:178 Resp: 4957
Ion Ratio Lower Upper
178 100
179 18.4 13.5 20.3
176 20.3 15.7 23.5

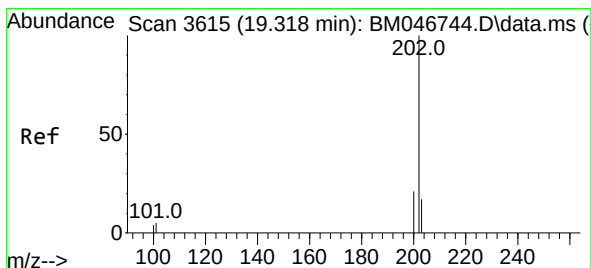
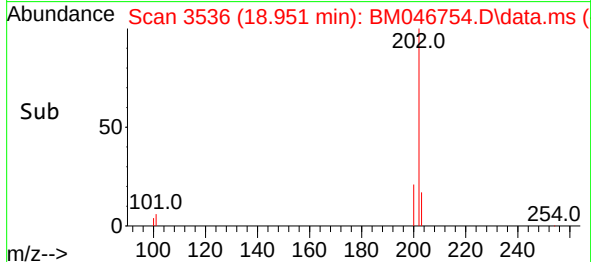
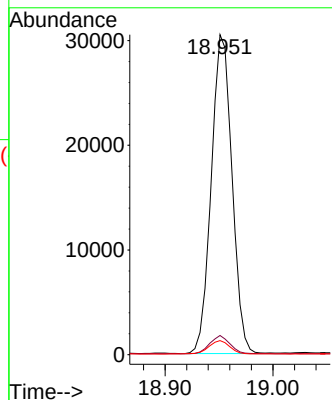
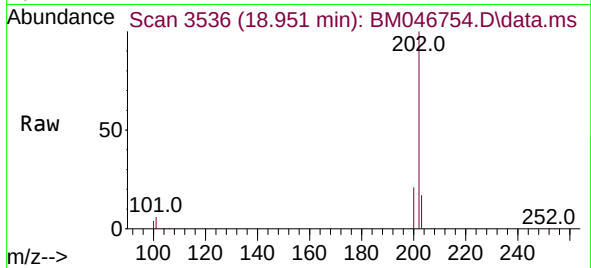




#19
Fluoranthene
Concen: 1.163 ng/u1
RT: 18.951 min Scan# 3536
Delta R.T. -0.004 min
Lab File: BM046754.D
Acq: 22 Jul 2024 16:35

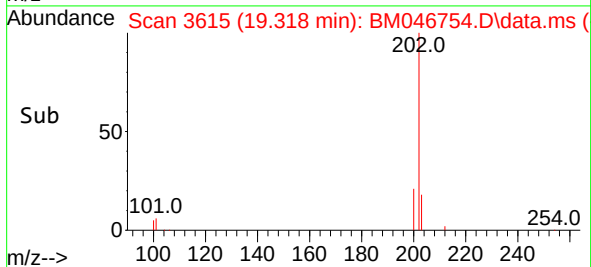
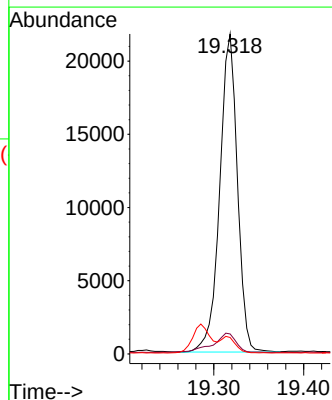
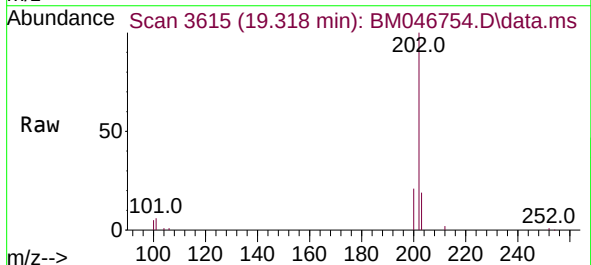
Instrument :
BNA_M
ClientSampleId :
A4CK6DL

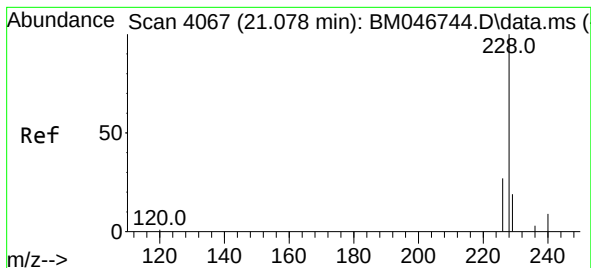
Tgt Ion:202 Resp: 40760
Ion Ratio Lower Upper
202 100
101 6.0 4.6 6.8
100 4.4 3.0 4.6



#20
Pyrene
Concen: 0.779 ng/u1
RT: 19.318 min Scan# 3615
Delta R.T. -0.004 min
Lab File: BM046754.D
Acq: 22 Jul 2024 16:35

Tgt Ion:202 Resp: 29571
Ion Ratio Lower Upper
202 100
101 6.2 5.1 7.7
100 5.2 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.413 ng/ul

RT: 21.076 min Scan# 4066

Delta R.T. -0.004 min

Lab File: BM046754.D

Acq: 22 Jul 2024 16:35

Instrument :

BNA_M

ClientSampleId :

A4CK6DL

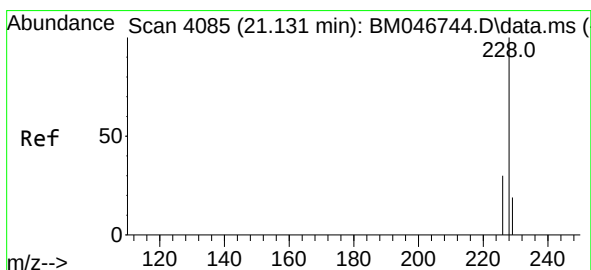
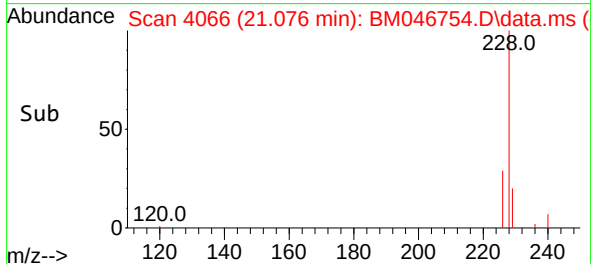
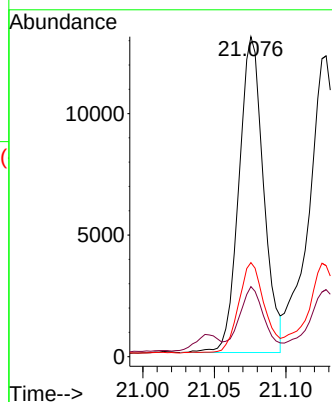
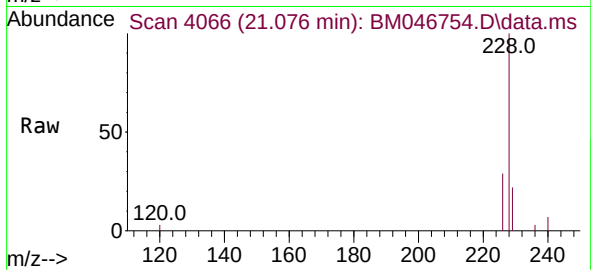
Tgt Ion:228 Resp: 15592

Ion Ratio Lower Upper

228 100

229 21.9 16.5 24.7

226 29.4 22.5 33.7



#22

Chrysene

Concen: 0.465 ng/ul

RT: 21.128 min Scan# 4084

Delta R.T. -0.004 min

Lab File: BM046754.D

Acq: 22 Jul 2024 16:35

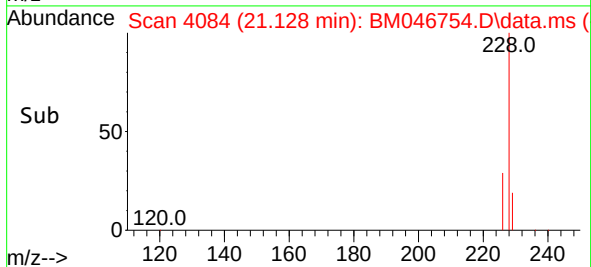
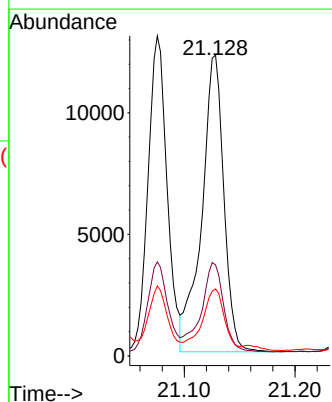
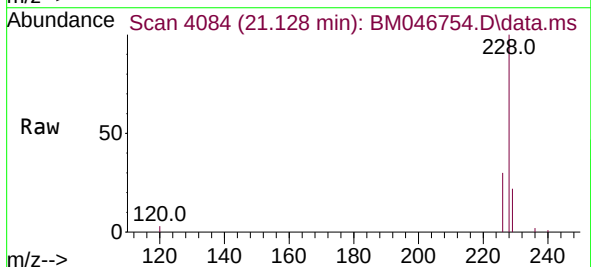
Tgt Ion:228 Resp: 16967

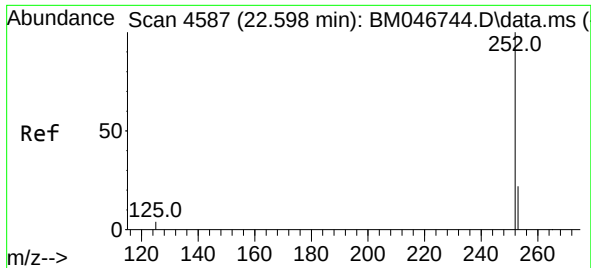
Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 22.3 16.4 24.6

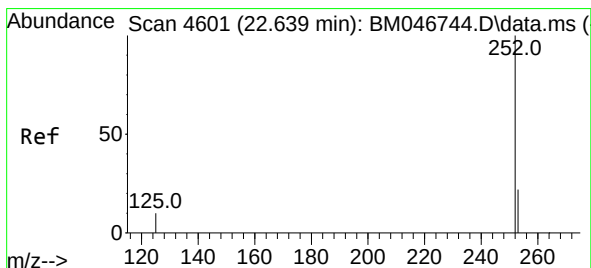
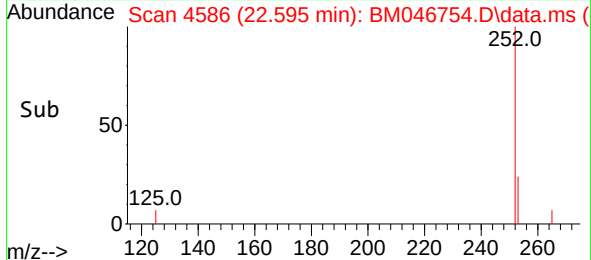
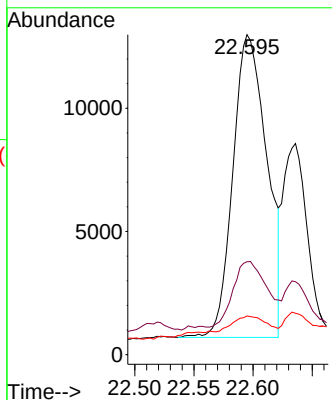
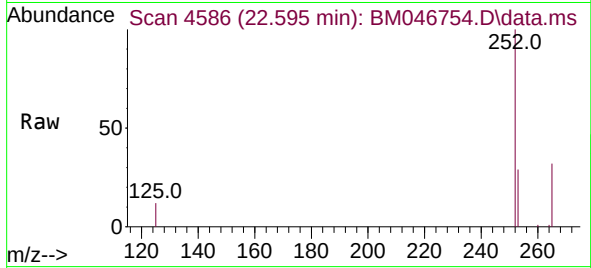




#24
Benzo(b)fluoranthene
Concen: 0.462 ng/ul
RT: 22.595 min Scan# 4586
Delta R.T. -0.004 min
Lab File: BM046754.D
Acq: 22 Jul 2024 16:35

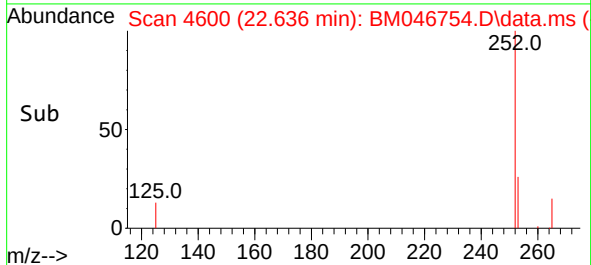
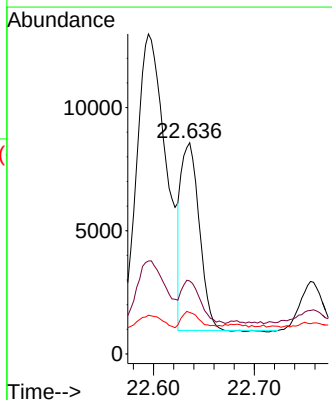
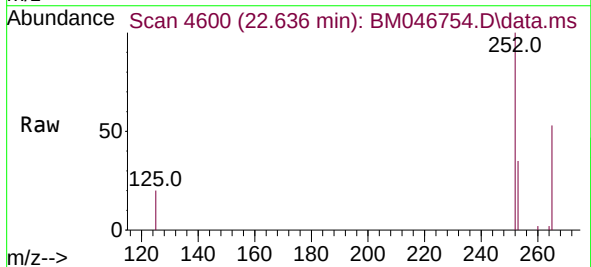
Instrument :
BNA_M
ClientSampleId :
A4CK6DL

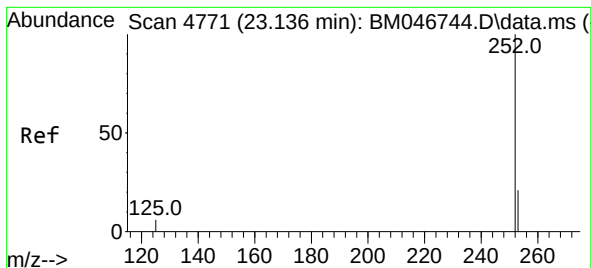
Tgt Ion:252	Resp:	24506
Ion Ratio	Lower	Upper
252	100	
253	29.1	0.0 56.2
125	12.1	0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.182 ng/ul
RT: 22.636 min Scan# 4600
Delta R.T. -0.004 min
Lab File: BM046754.D
Acq: 22 Jul 2024 16:35

Tgt Ion:252	Resp:	9460
Ion Ratio	Lower	Upper
252	100	
253	34.5	22.4 33.6#
125	19.6	7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.258 ng/ul

RT: 23.133 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM046754.D

Acq: 22 Jul 2024 16:35

Instrument :

BNA_M

ClientSampleId :

A4CK6DL

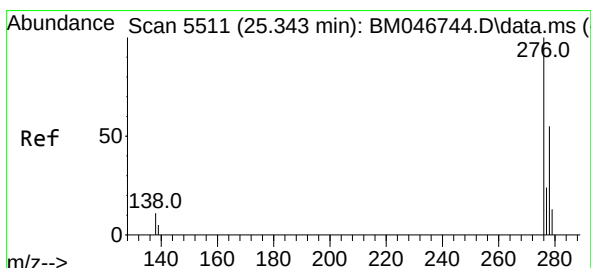
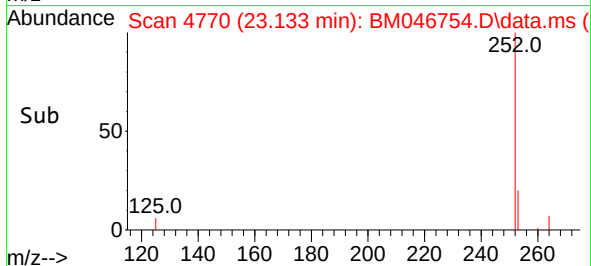
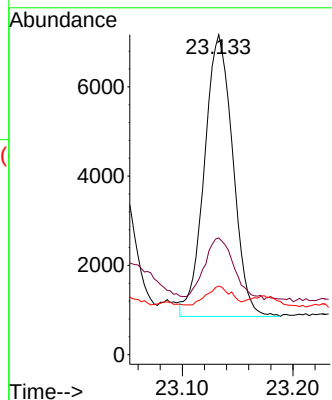
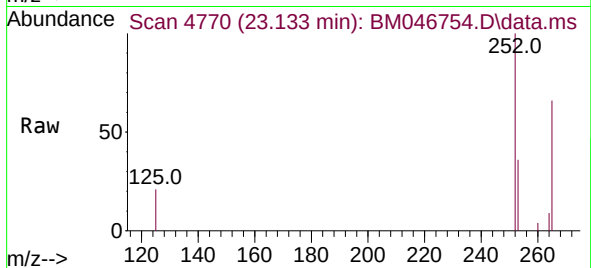
Tgt Ion:252 Resp: 11262

Ion Ratio Lower Upper

252 100

253 36.5 24.0 36.0#

125 21.5 8.2 12.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.153 ng/ul

RT: 25.336 min Scan# 5509

Delta R.T. -0.011 min

Lab File: BM046754.D

Acq: 22 Jul 2024 16:35

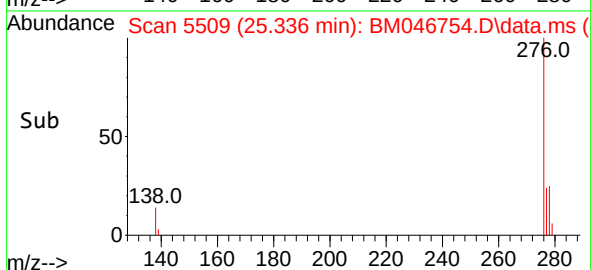
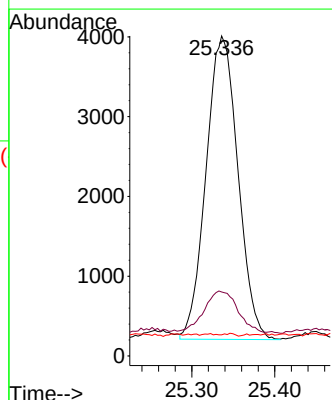
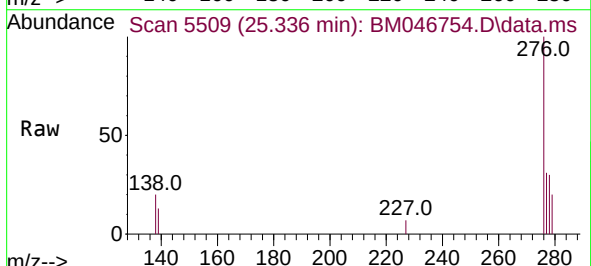
Tgt Ion:276 Resp: 10151

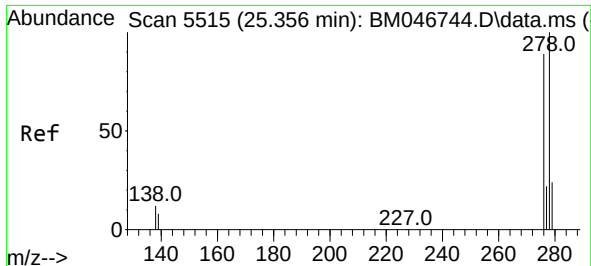
Ion Ratio Lower Upper

276 100

138 15.0 0.0 0.0#

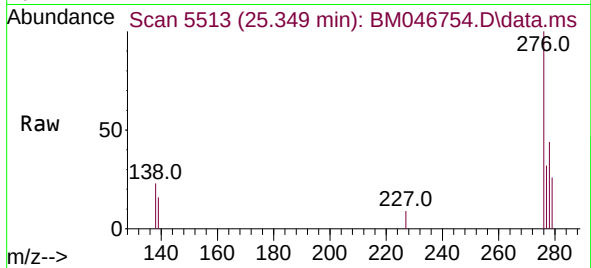
227 0.3 0.2 0.2#



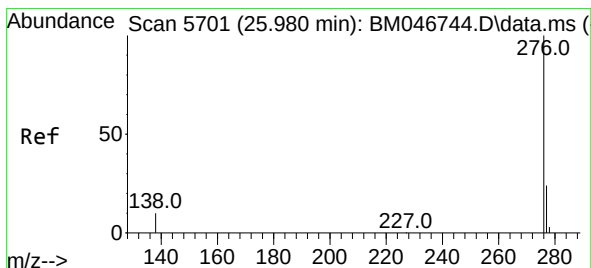
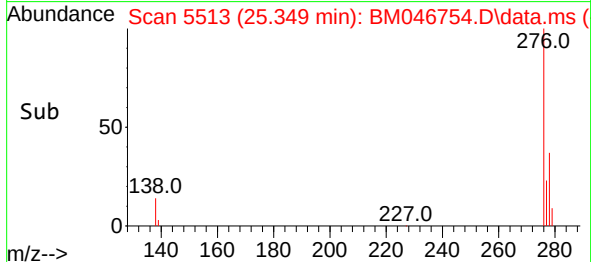
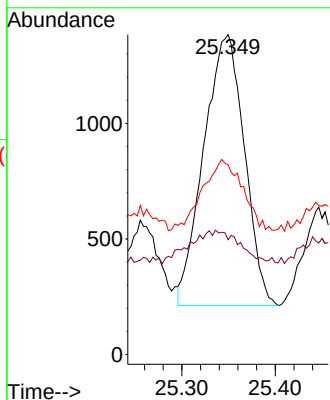


#28
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 25.349 min Scan# 511
Delta R.T. -0.011 min
Lab File: BM046754.D
Acq: 22 Jul 2024 16:35

Instrument :
BNA_M
ClientSampleId :
A4CK6DL



Tgt Ion:278 Resp: 3545
Ion Ratio Lower Upper
278 100
139 35.9 9.1 13.7#
279 59.3 23.2 34.8#



#29
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 25.980 min Scan# 5701
Delta R.T. -0.004 min
Lab File: BM046754.D
Acq: 22 Jul 2024 16:35

Tgt Ion:276 Resp: 1878
Ion Ratio Lower Upper
276 100
138 48.8 10.2 15.4#
277 51.8 20.9 31.3#

