

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046136.D
 Acq On : 20 Jun 2024 23:04
 Operator : MA/JU
 Sample : P2710-24
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B88

Quant Time: Jun 21 02:49:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

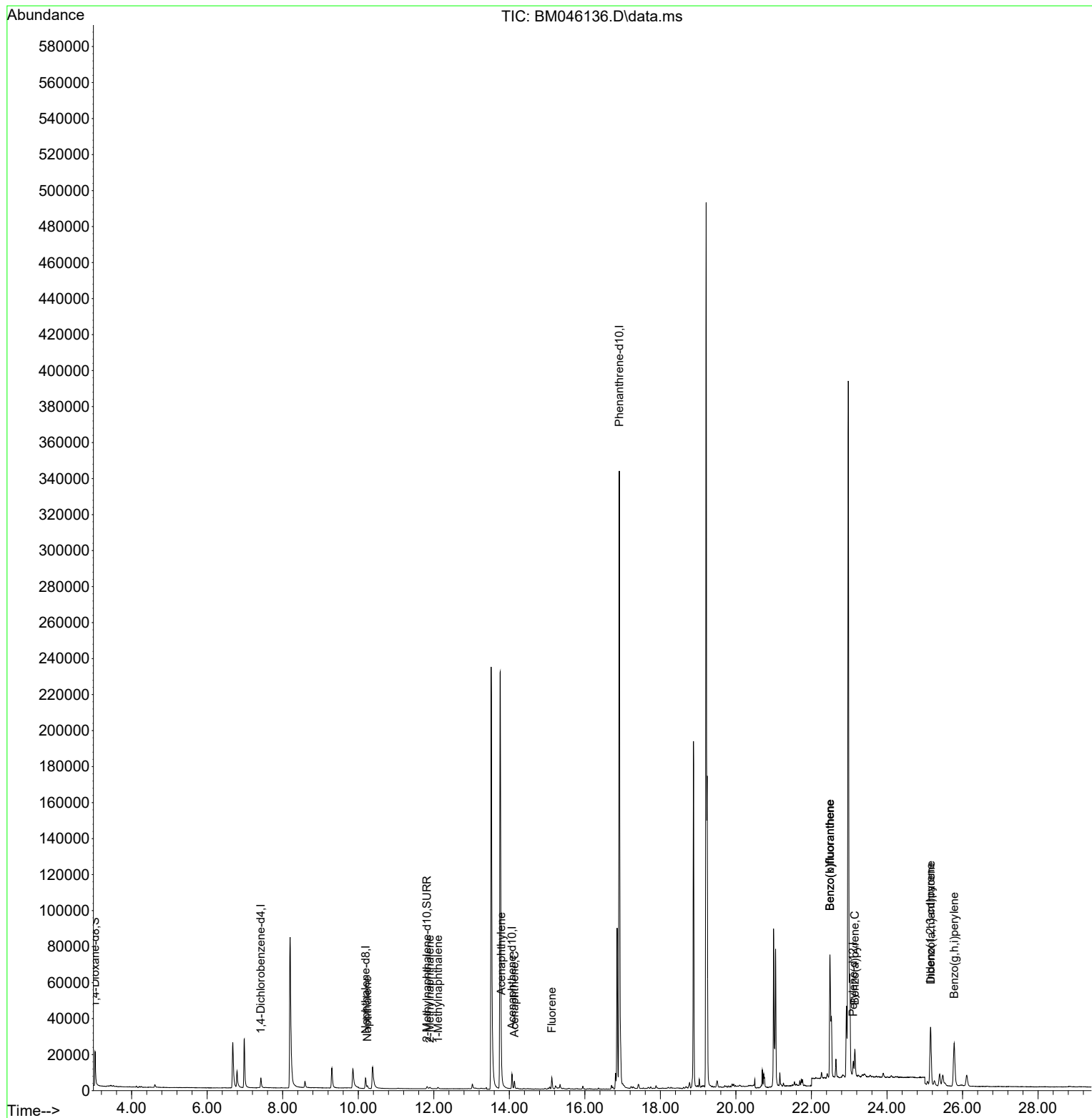
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.421	152	3090	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.193	136	8952	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.070	164	4897	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.912	188	412988	0.400	ng/ul	# 0.05
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.107	264	13110	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	11958	2.821	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.821	152	2457	0.204	ng/ul	-0.04
18) Fluoranthene-d10	18.847	212	5434	0.000	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.242	128	2165	0.087	ng/ul#	94
7) 2-Methylnaphthalene	11.898	142	804	0.057	ng/ul	94
8) 1-Methylnaphthalene	12.112	142	732	0.047	ng/ul	98
10) Acenaphthylene	13.788	152	4377	0.188	ng/ul	98
11) Acenaphthene	14.135	153	2831	0.169	ng/ul	96
12) Fluorene	15.125	166	4587	0.255	ng/ul	99
24) Benzo(b)fluoranthene	22.490	252	135931	2.878	ng/ul	85
25) Benzo(k)fluoranthene	22.490	252	135931	2.421	ng/ul#	83
26) Benzo(a)pyrene	23.148	252	13182	0.301	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.152	276	50672	0.707	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.159	278	11562	0.217	ng/ul	94
29) Benzo(g,h,i)perylene	25.779	276	48829	0.795	ng/ul	96

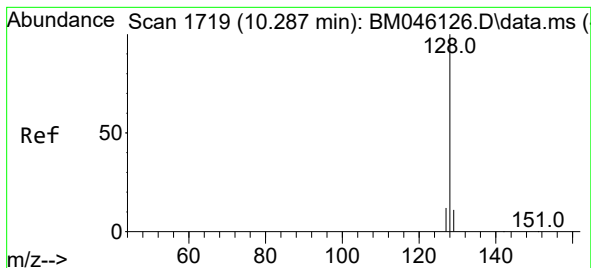
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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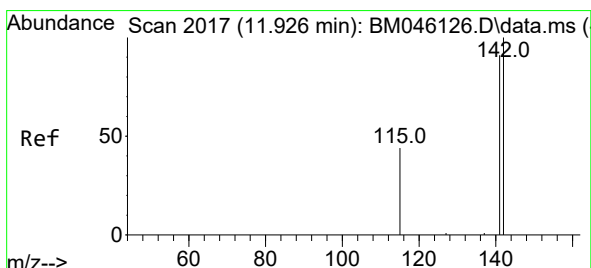
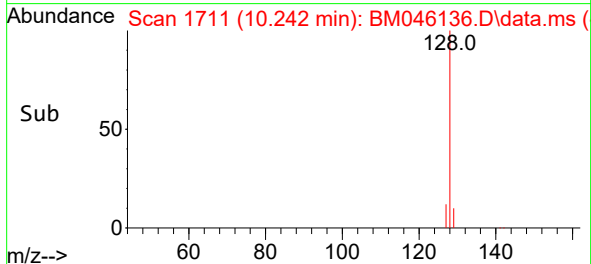
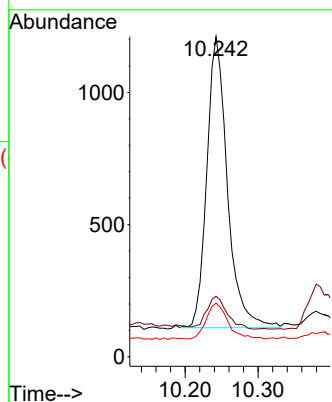
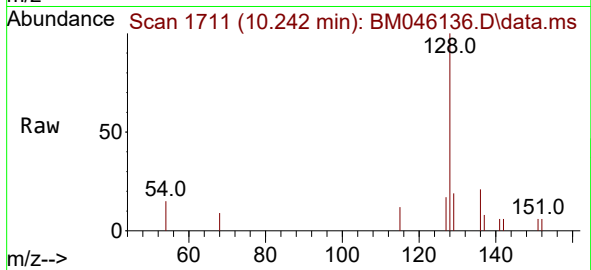




#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.242 min Scan# 11
Delta R.T. -0.061 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

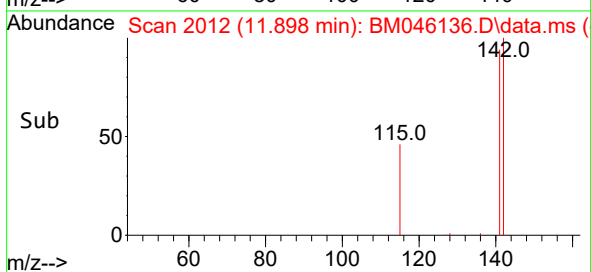
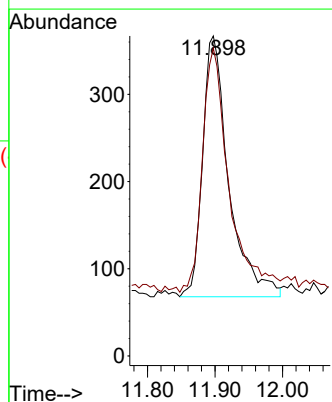
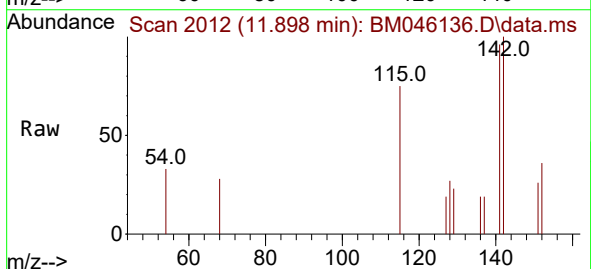
Instrument :
BNA_M
ClientSampleId :
A4B88

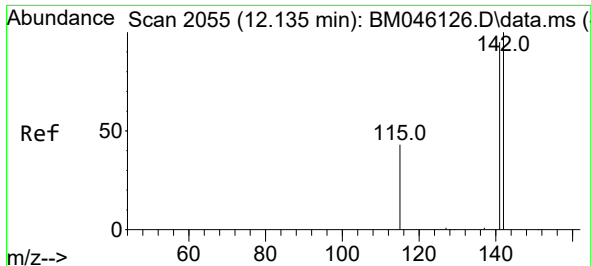
Tgt Ion:128 Resp: 2165
Ion Ratio Lower Upper
128 100
129 18.9 11.8 17.6#
127 16.8 12.8 19.2



#7
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.050 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

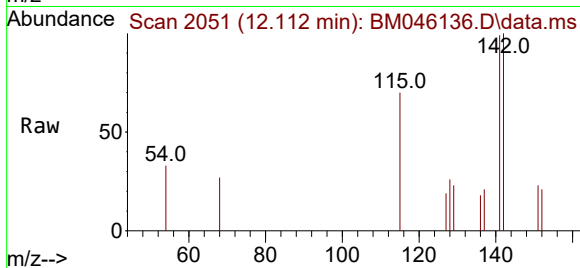
Tgt Ion:142 Resp: 804
Ion Ratio Lower Upper
142 100
141 99.0 74.6 111.8



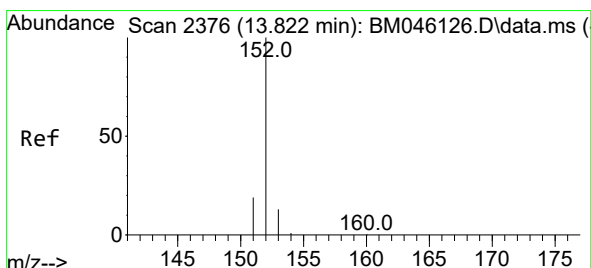
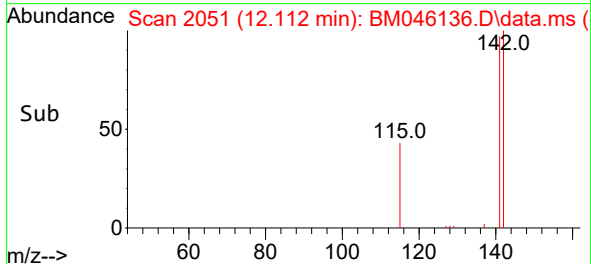
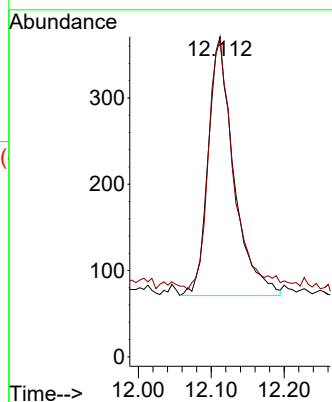


#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.112 min Scan# 2051
Delta R.T. -0.039 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

Instrument :
BNA_M
ClientSampleId :
A4B88

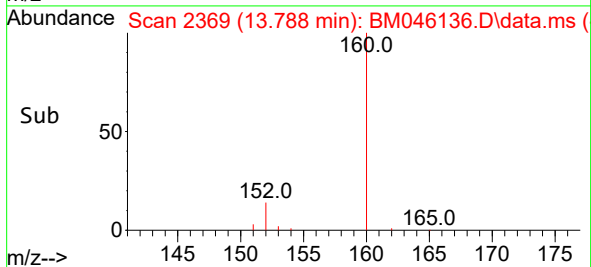
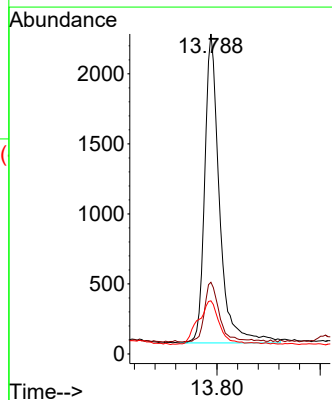
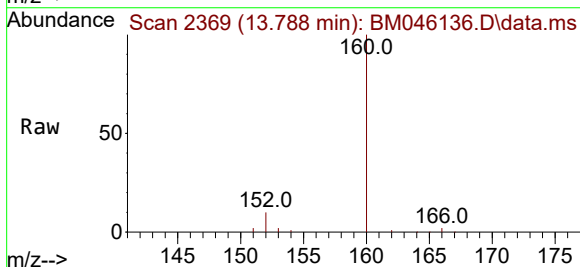


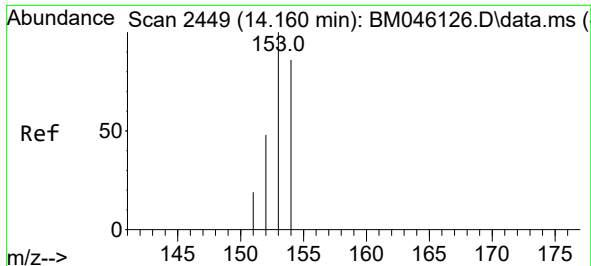
Tgt Ion:142 Resp: 732
Ion Ratio Lower Upper
142 100
141 95.6 75.2 112.8



#10
Acenaphthylene
Concen: 0.188 ng/ul
RT: 13.788 min Scan# 2369
Delta R.T. -0.046 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

Tgt Ion:152 Resp: 4377
Ion Ratio Lower Upper
152 100
151 22.4 17.4 26.2
153 16.6 11.8 17.8

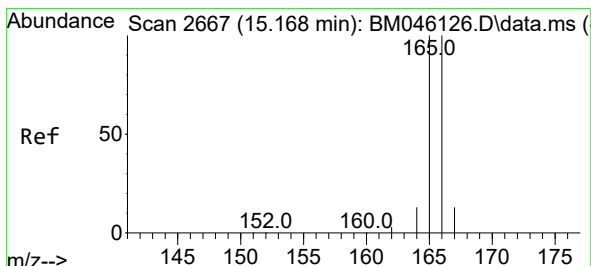
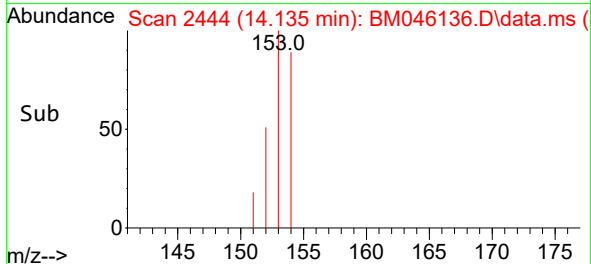
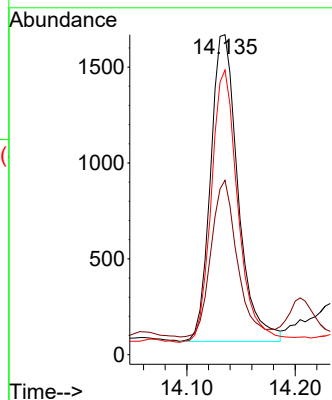
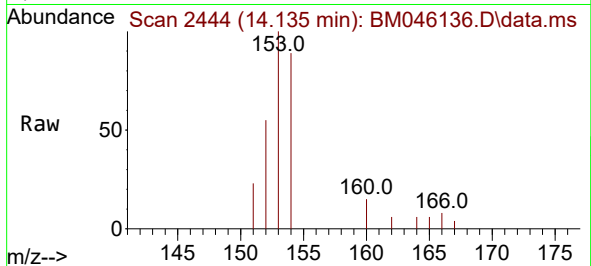




#11
Acenaphthene
Concen: 0.169 ng/ul
RT: 14.135 min Scan# 2444
Delta R.T. -0.037 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

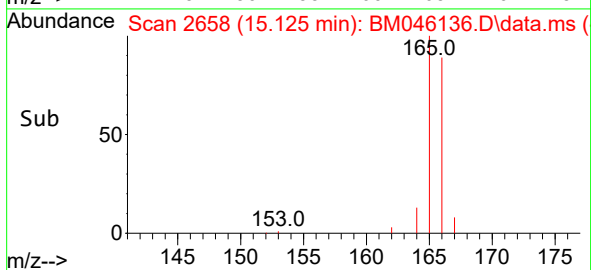
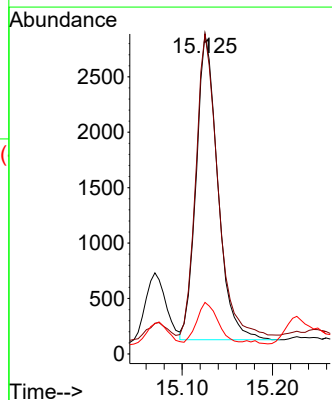
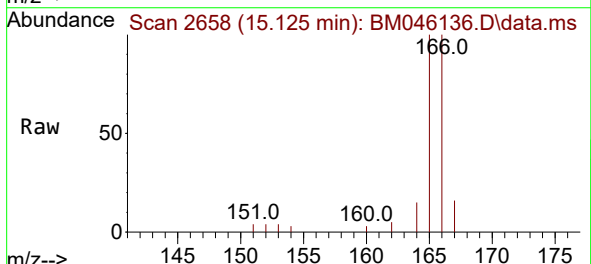
Instrument :
BNA_M
ClientSampleId :
A4B88

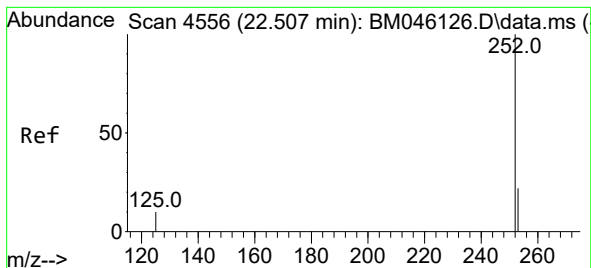
Tgt Ion:153 Resp: 2831
Ion Ratio Lower Upper
153 100
152 54.5 41.3 61.9
154 89.0 68.2 102.4



#12
Fluorene
Concen: 0.255 ng/ul
RT: 15.125 min Scan# 2658
Delta R.T. -0.056 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

Tgt Ion:166 Resp: 4587
Ion Ratio Lower Upper
166 100
165 100.0 80.4 120.6
167 16.1 12.4 18.6





#24

Benzo(b)fluoranthene

Concen: 2.878 ng/ul

RT: 22.490 min Scan# 4550

Delta R.T. -0.029 min

Lab File: BM046136.D

Acq: 20 Jun 2024 23:04

Instrument :

BNA_M

ClientSampleId :

A4B88

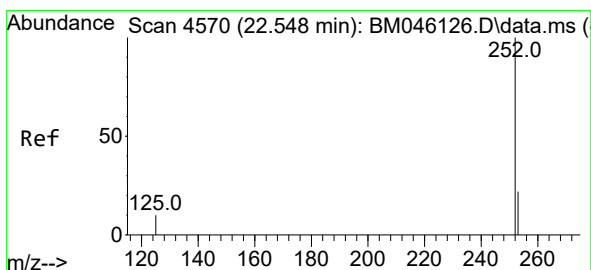
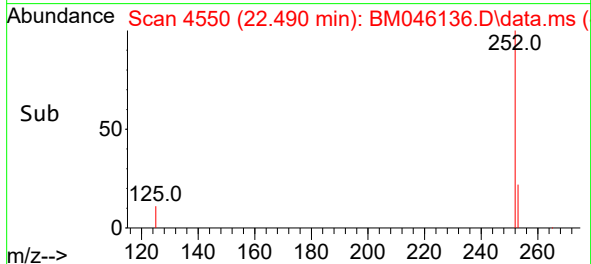
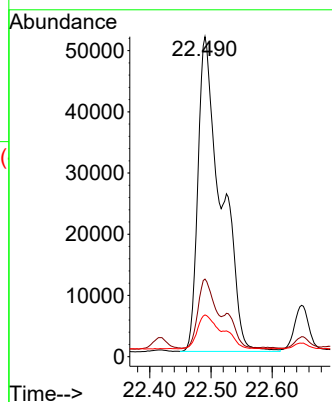
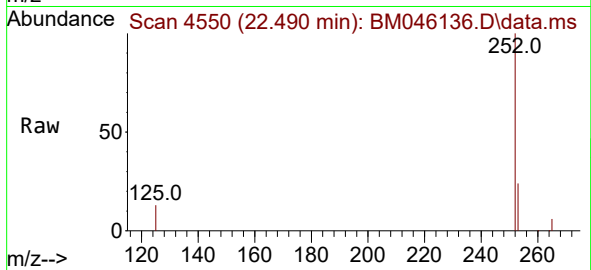
Tgt Ion:252 Resp: 135931

Ion Ratio Lower Upper

252 100

253 24.3 0.0 65.8

125 13.0 0.0 40.2



#25

Benzo(k)fluoranthene

Concen: 2.421 ng/ul

RT: 22.490 min Scan# 4550

Delta R.T. -0.073 min

Lab File: BM046136.D

Acq: 20 Jun 2024 23:04

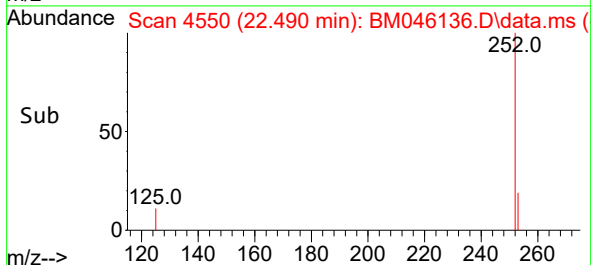
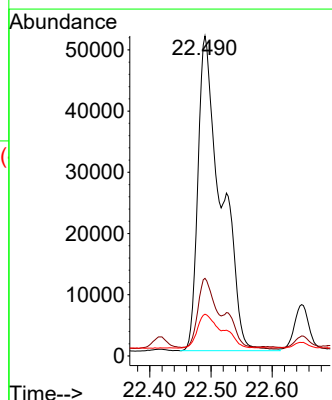
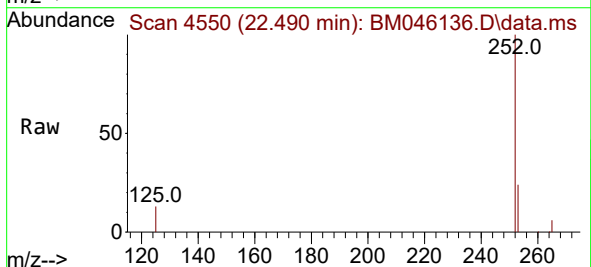
Tgt Ion:252 Resp: 135931

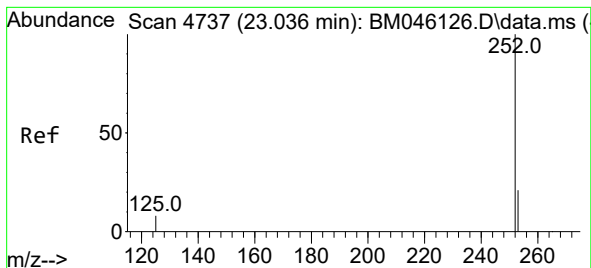
Ion Ratio Lower Upper

252 100

253 24.3 27.2 40.8#

125 13.0 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.301 ng/ul

RT: 23.148 min Scan# 41

Delta R.T. 0.093 min

Lab File: BM046136.D

Acq: 20 Jun 2024 23:04

Instrument :

BNA_M

ClientSampleId :

A4B88

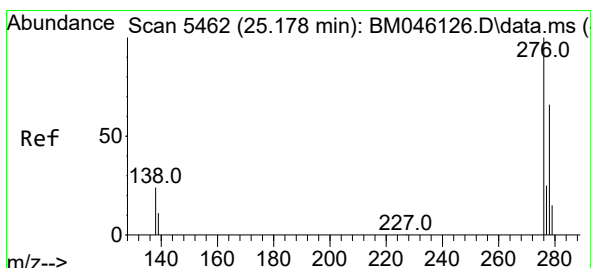
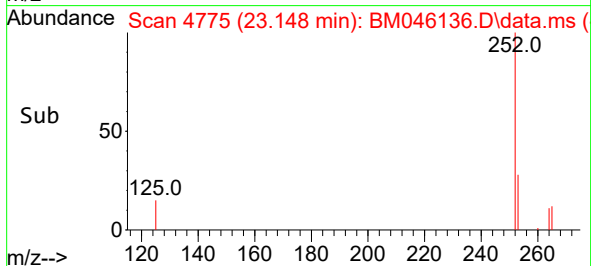
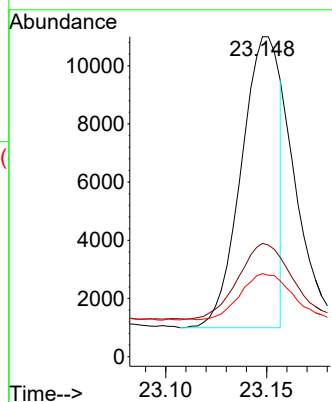
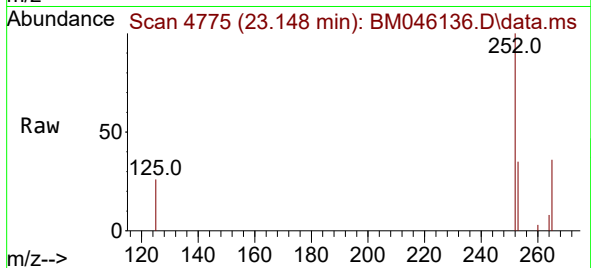
Tgt Ion:252 Resp: 13182

Ion Ratio Lower Upper

252 100

253 35.4 32.1 48.1

125 25.9 21.2 31.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.707 ng/ul

RT: 25.152 min Scan# 5454

Delta R.T. -0.050 min

Lab File: BM046136.D

Acq: 20 Jun 2024 23:04

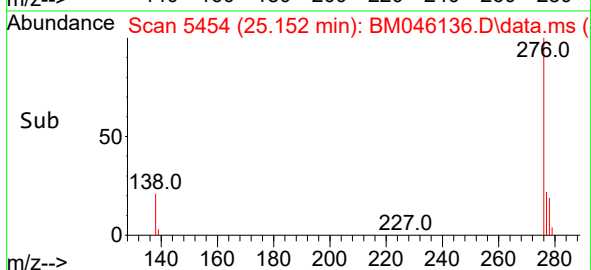
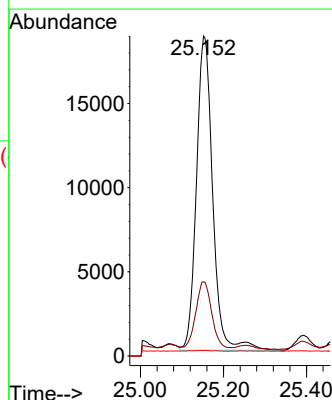
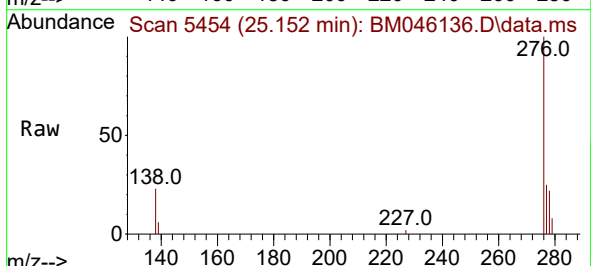
Tgt Ion:276 Resp: 50672

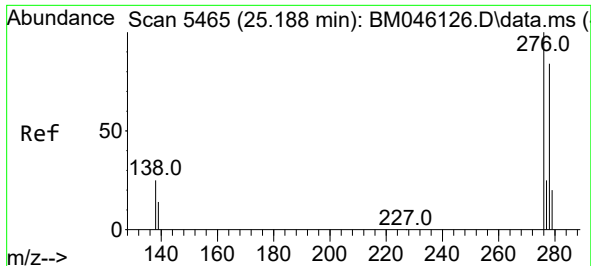
Ion Ratio Lower Upper

276 100

138 20.5 21.0 31.4#

227 0.1 0.0 0.0#

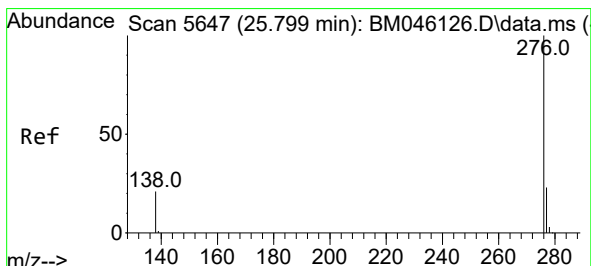
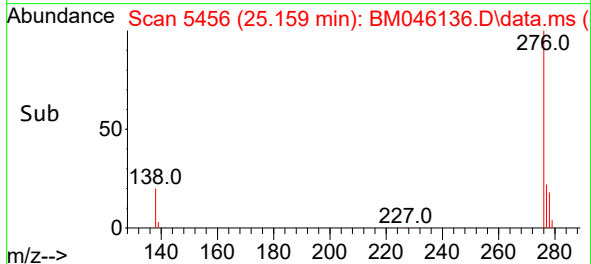
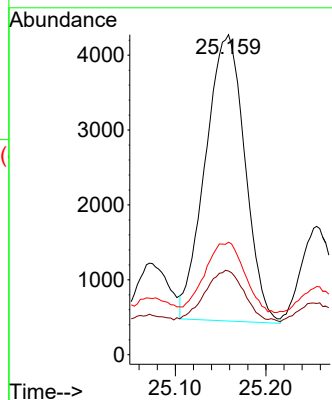
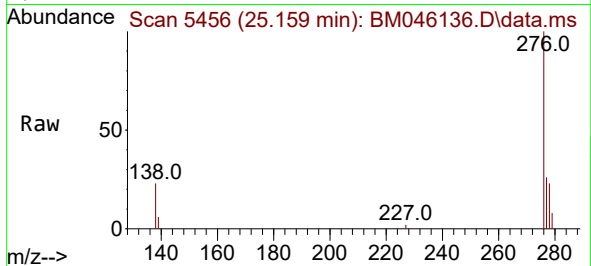




#28
Dibenzo(a,h)anthracene
Concen: 0.217 ng/ul
RT: 25.159 min Scan# 54
Delta R.T. -0.057 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

Instrument :
BNA_M
ClientSampleId :
A4B88

Tgt Ion:278 Resp: 11562
Ion Ratio Lower Upper
278 100
139 26.1 17.6 26.4
279 35.1 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.795 ng/ul
RT: 25.779 min Scan# 5641
Delta R.T. -0.050 min
Lab File: BM046136.D
Acq: 20 Jun 2024 23:04

Tgt Ion:276 Resp: 48829
Ion Ratio Lower Upper
276 100
138 23.4 21.7 32.5
277 25.0 20.4 30.6

