

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046412.D
 Acq On : 06 Jul 2024 10:54
 Operator : MA/JU
 Sample : P2982-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CF0

Quant Time: Jul 08 00:47:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

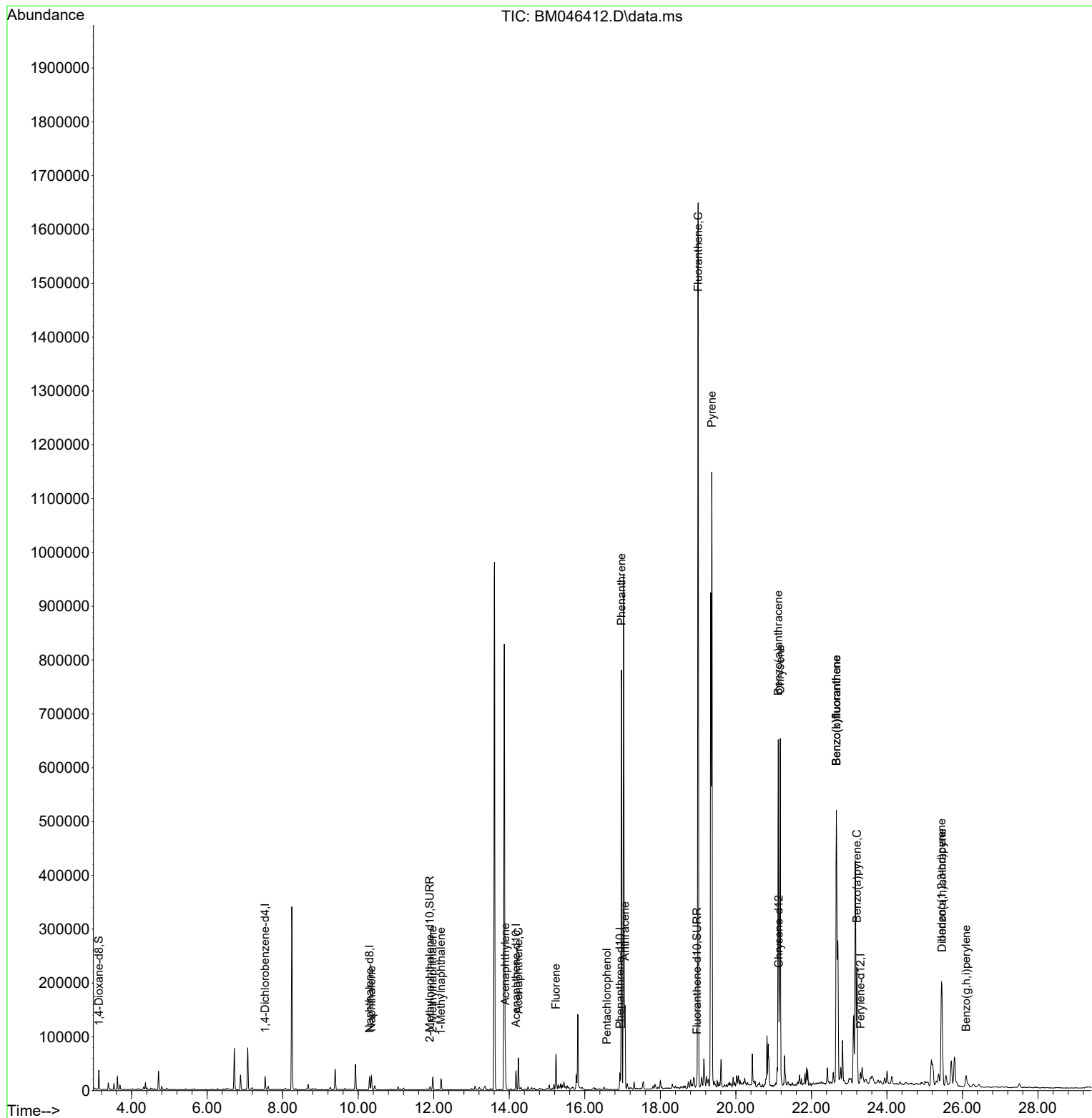
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	10713	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	30566	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	17957	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	36327	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	17509	0.400	ng/ul	# 0.00
23) Perylene-d12	23.300	264	21007	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	18937	1.711	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	7218	0.160	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	12450	0.203	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	31724	0.391	ng/ul	99
7) 2-Methylnaphthalene	11.975	142	15552	0.283	ng/ul	99
8) 1-Methylnaphthalene	12.194	142	12409	0.219	ng/ul	98
10) Acenaphthylene	13.895	152	73481	0.806	ng/ul	100
11) Acenaphthene	14.242	153	33333	0.561	ng/ul	98
12) Fluorene	15.236	166	42242	0.602	ng/ul	99
14) Pentachlorophenol	16.583	266	894	0.084	ng/ul	98
15) Phenanthrene	16.971	178	790098	7.263	ng/ul	99
16) Anthracene	17.064	178	155105	1.470	ng/ul	99
19) Fluoranthene	19.001	202	1444582	16.322	ng/ul	98
20) Pyrene	19.363	202	1000189	10.983	ng/ul	95
21) Benzo(a)anthracene	21.123	228	529129	6.764	ng/ul	95
22) Chrysene	21.175	228	615157	7.909	ng/ul	98
24) Benzo(b)fluoranthene	22.663	252	1100206	12.319	ng/ul	98
25) Benzo(k)fluoranthene	22.663	252	1100206	12.204	ng/ul	99
26) Benzo(a)pyrene	23.206	252	286209	4.055	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.447	276	304132	3.189	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.461	278	96103	1.303	ng/ul	96
29) Benzo(g,h,i)perylene	26.098	276	46207	0.608	ng/ul	93

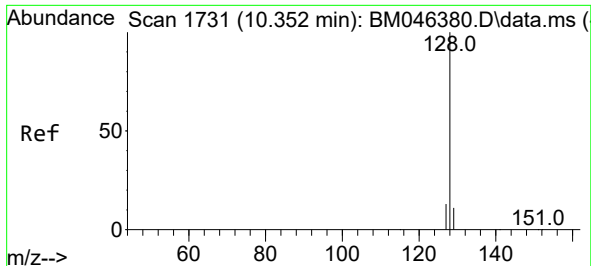
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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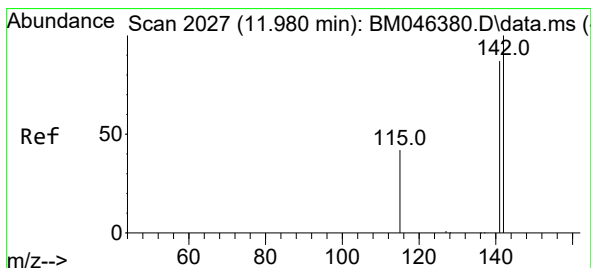
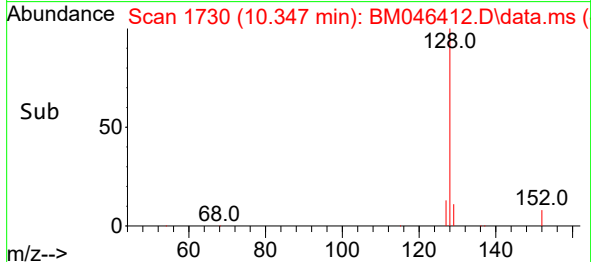
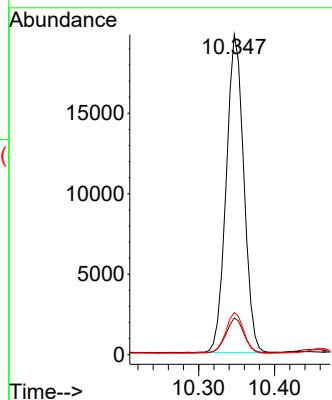
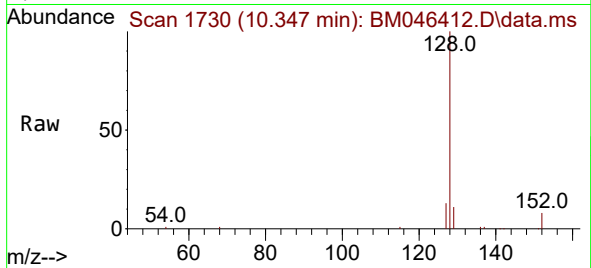




#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046412.D
Acq: 06 Jul 2024 10:54

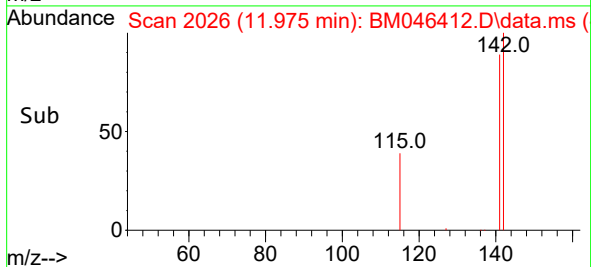
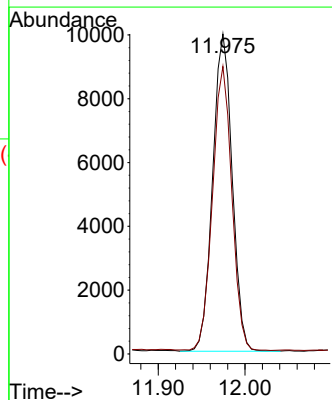
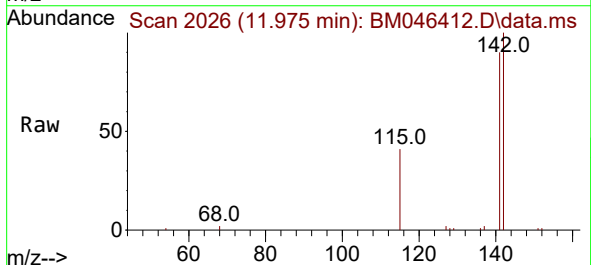
Instrument :
BNA_M
ClientSampleId :
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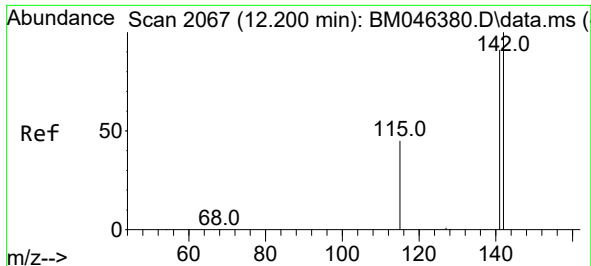
Tgt Ion:128 Resp: 31724
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.2 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 11.975 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046412.D
Acq: 06 Jul 2024 10:54

Tgt Ion:142 Resp: 15552
Ion Ratio Lower Upper
142 100
141 88.5 69.8 104.6

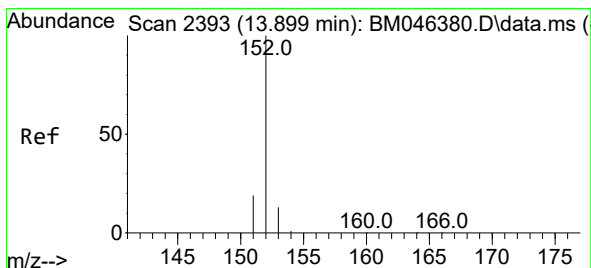
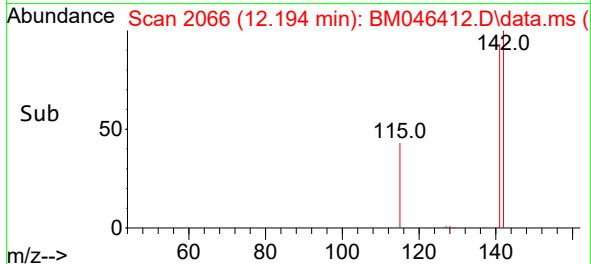
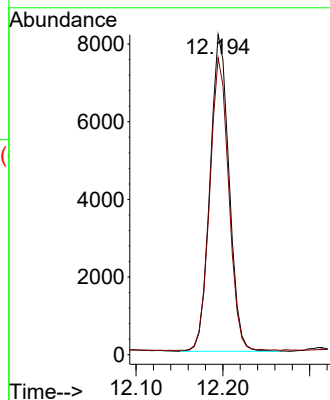
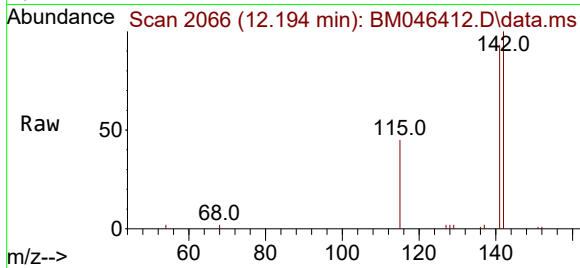




#8
1-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.194 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BM046412.D
Acq: 06 Jul 2024 10:54

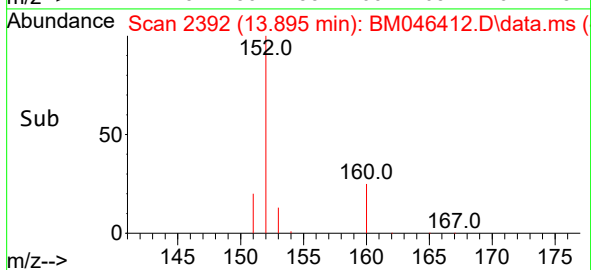
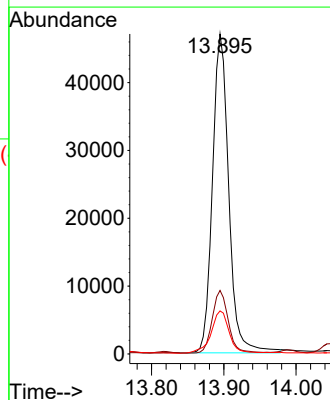
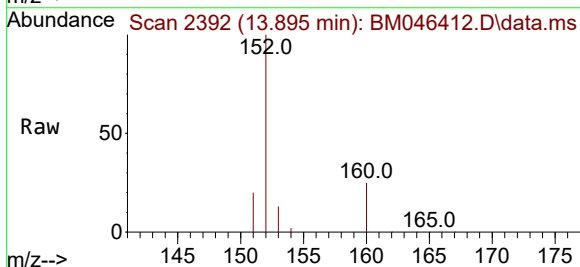
Instrument :
BNA_M
ClientSampleId :
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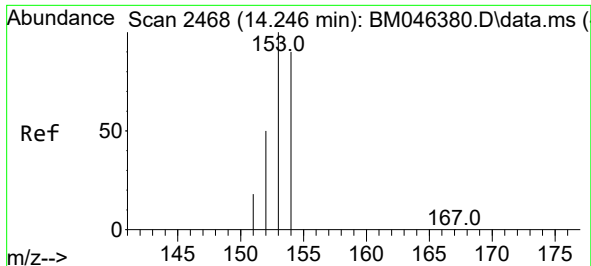
Tgt Ion:142 Resp: 12409
Ion Ratio Lower Upper
142 100
141 92.2 72.4 108.6



#10
Acenaphthylene
Concen: 0.806 ng/ul
RT: 13.895 min Scan# 2392
Delta R.T. -0.005 min
Lab File: BM046412.D
Acq: 06 Jul 2024 10:54

Tgt Ion:152 Resp: 73481
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.4 11.0 16.6

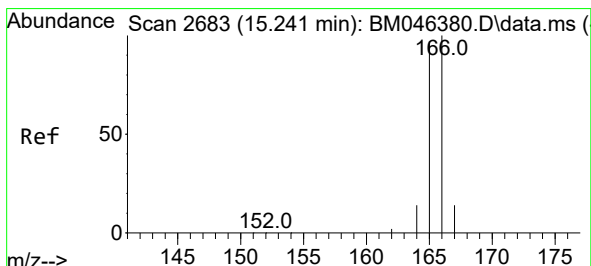
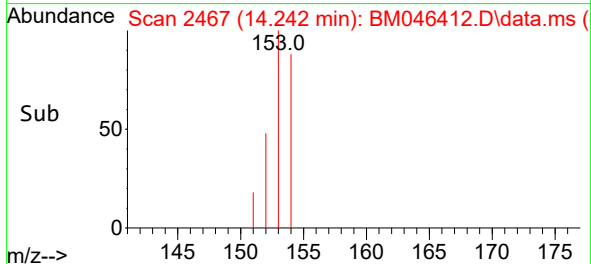
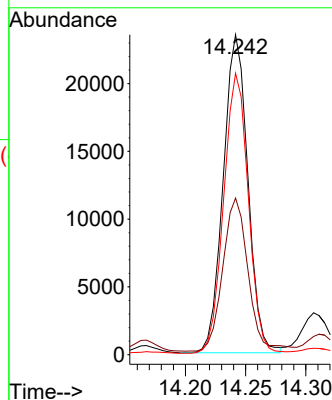
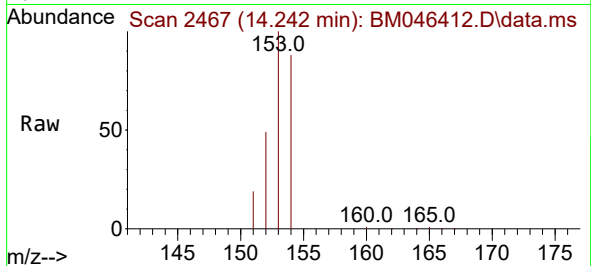




#11
Acenaphthene
Concen: 0.561 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BM046412.D
Acq: 06 Jul 2024 10:54

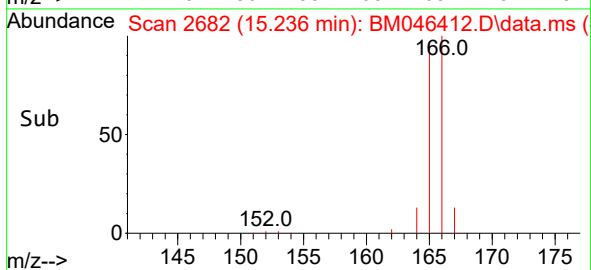
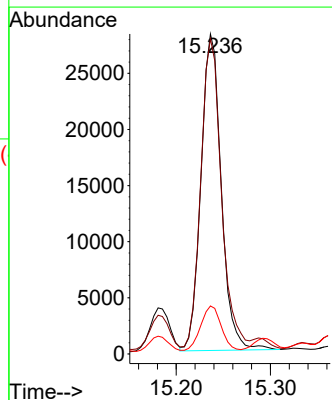
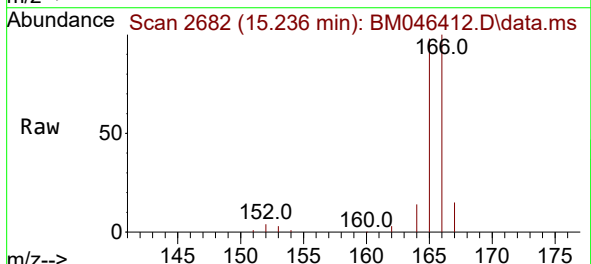
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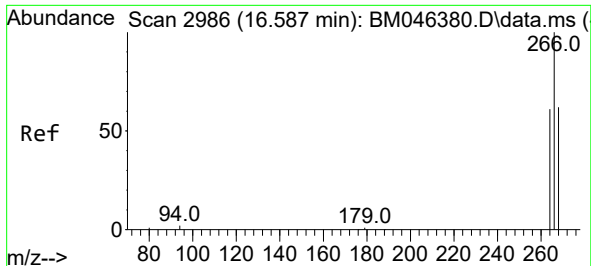
Tgt Ion:153 Resp: 33333
Ion Ratio Lower Upper
153 100
152 48.9 40.4 60.6
154 87.9 72.1 108.1



#12
Fluorene
Concen: 0.602 ng/ul
RT: 15.236 min Scan# 2682
Delta R.T. -0.005 min
Lab File: BM046412.D
Acq: 06 Jul 2024 10:54

Tgt Ion:166 Resp: 42242
Ion Ratio Lower Upper
166 100
165 98.5 78.0 117.0
167 15.0 11.4 17.0

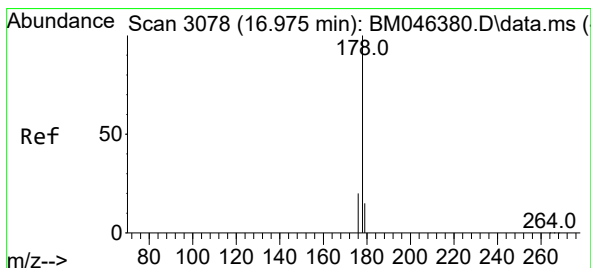
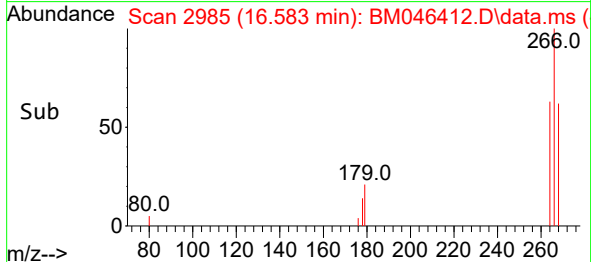
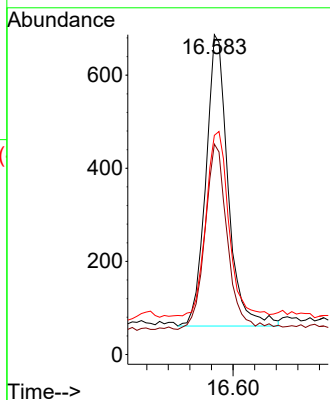
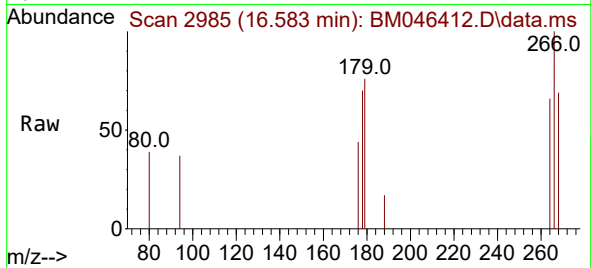




#14
 Pentachlorophenol
 Concen: 0.084 ng/ul
 RT: 16.583 min Scan# 2986
 Delta R.T. -0.004 min
 Lab File: BM046412.D
 Acq: 06 Jul 2024 10:54

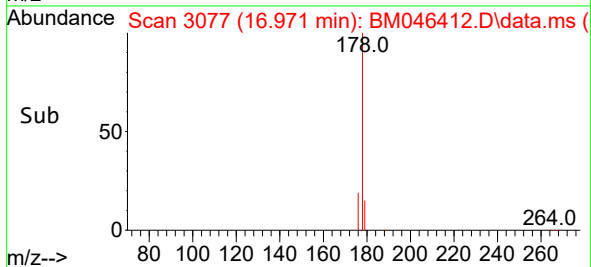
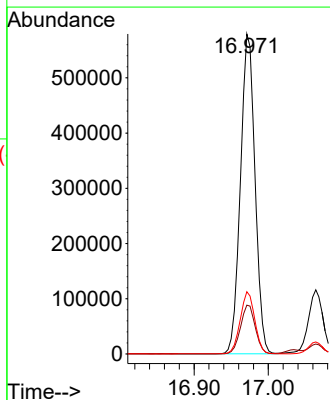
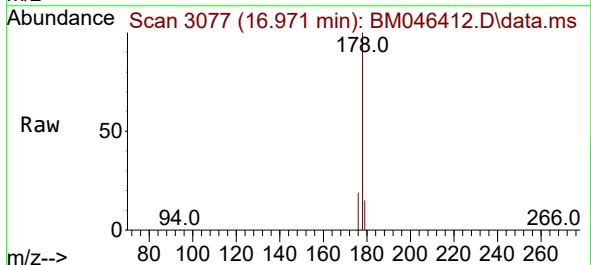
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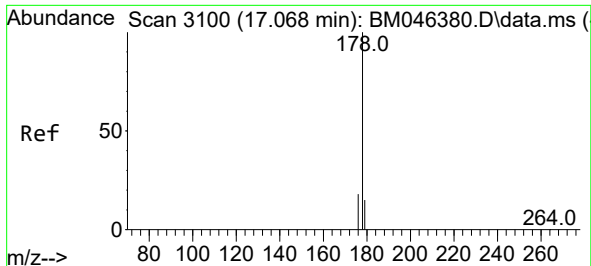
Tgt Ion:266 Resp: 894
 Ion Ratio Lower Upper
 266 100
 264 64.8 51.0 76.6
 268 65.5 50.8 76.2



#15
 Phenanthrene
 Concen: 7.263 ng/ul
 RT: 16.971 min Scan# 3077
 Delta R.T. -0.004 min
 Lab File: BM046412.D
 Acq: 06 Jul 2024 10:54

Tgt Ion:178 Resp: 790098
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.7 19.1
 176 19.4 16.0 24.0

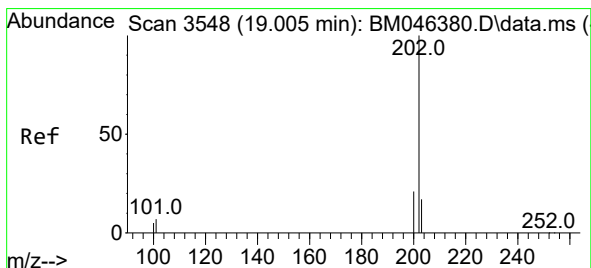
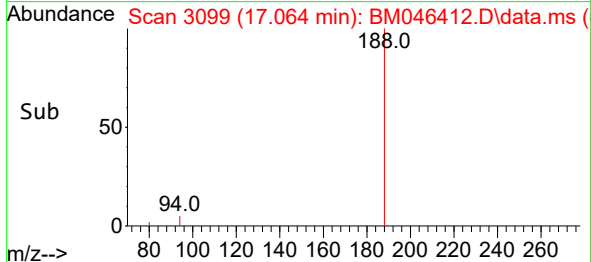
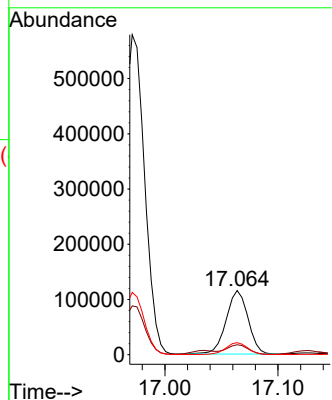
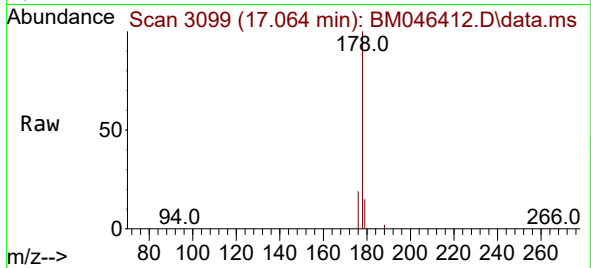




#16
 Anthracene
 Concen: 1.470 ng/ul
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM046412.D
 Acq: 06 Jul 2024 10:54

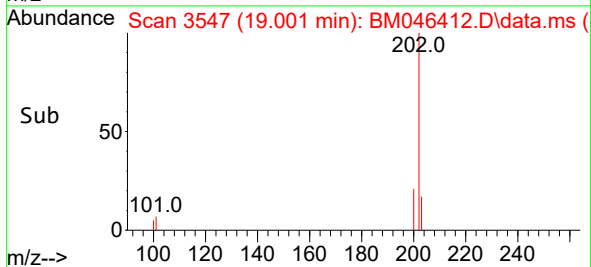
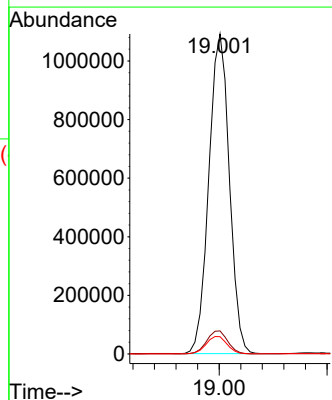
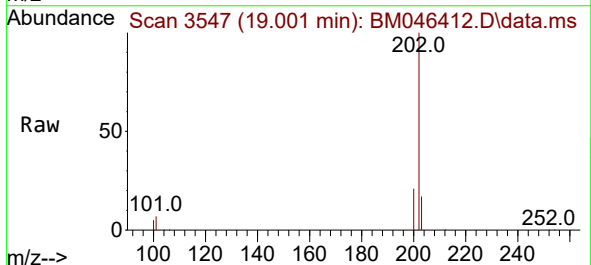
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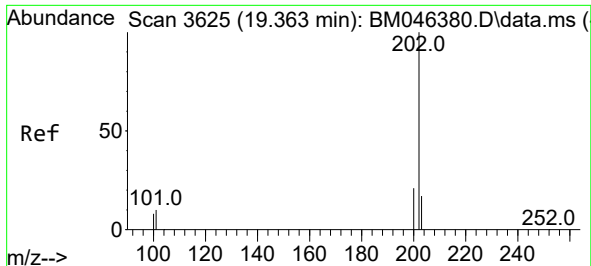
Tgt Ion:178 Resp: 155105
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.6 18.8
 176 18.8 14.9 22.3



#19
 Fluoranthene
 Concen: 16.322 ng/ul
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.005 min
 Lab File: BM046412.D
 Acq: 06 Jul 2024 10:54

Tgt Ion:202 Resp: 1444582
 Ion Ratio Lower Upper
 202 100
 101 7.2 6.3 9.5
 100 5.4 5.0 7.6

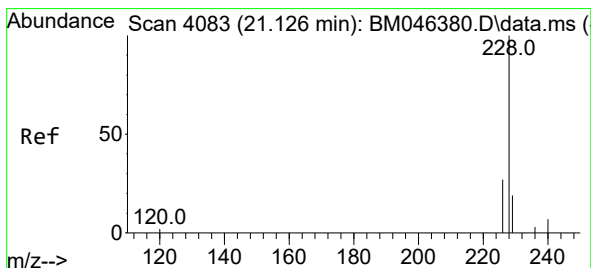
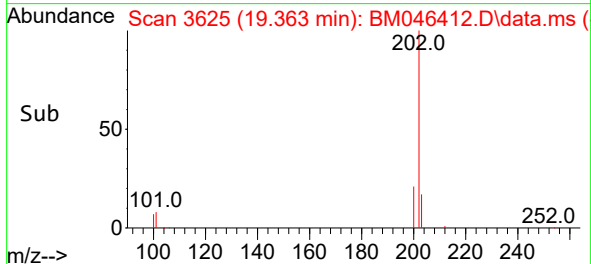
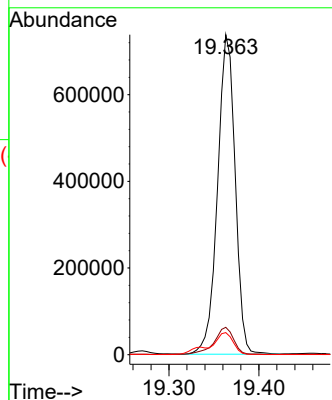
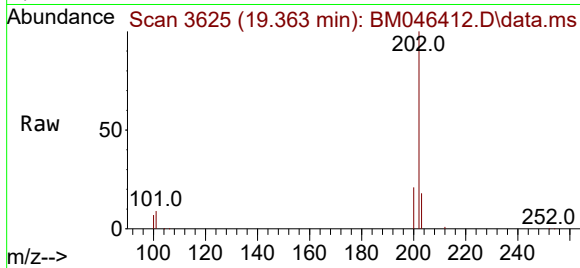




#20
Pyrene
Concen: 10.983 ng/ul
RT: 19.363 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM046412.D
Acq: 06 Jul 2024 10:54

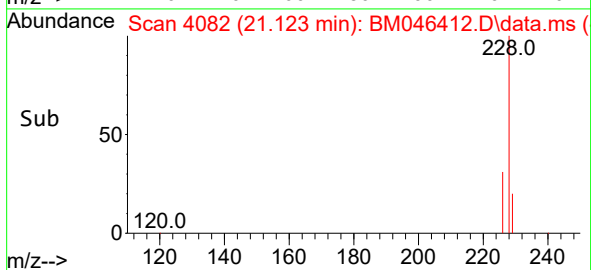
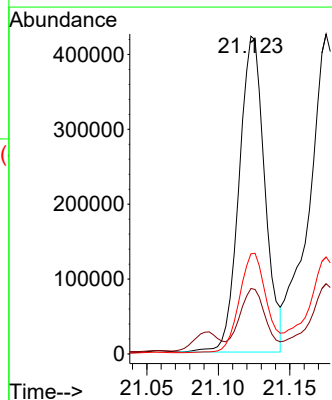
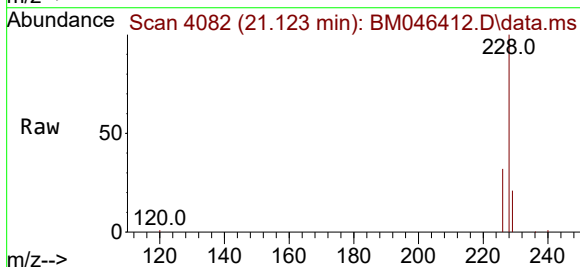
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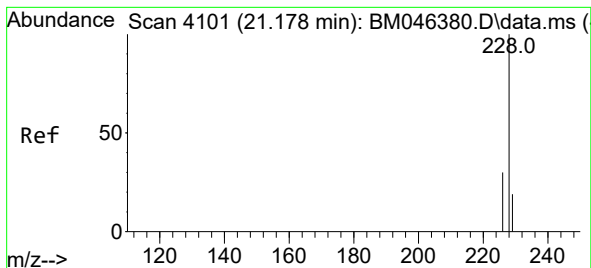
Tgt Ion:202 Resp: 1000189
Ion Ratio Lower Upper
202 100
101 8.5 8.2 12.4
100 6.9 6.9 10.3



#21
Benzo(a)anthracene
Concen: 6.764 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM046412.D
Acq: 06 Jul 2024 10:54

Tgt Ion:228 Resp: 529129
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 31.5 22.0 33.0





#22

Chrysene

Concen: 7.909 ng/ul

RT: 21.175 min Scan# 4101

Delta R.T. -0.003 min

Lab File: BM046412.D

Acq: 06 Jul 2024 10:54

Instrument :

BNA_M

ClientSampleId :

A4CF0

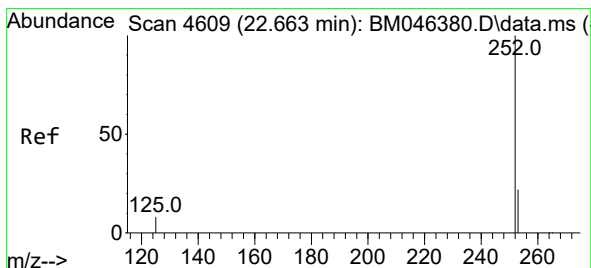
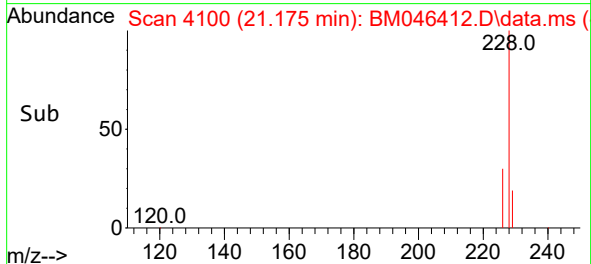
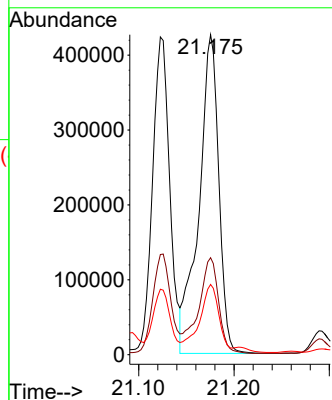
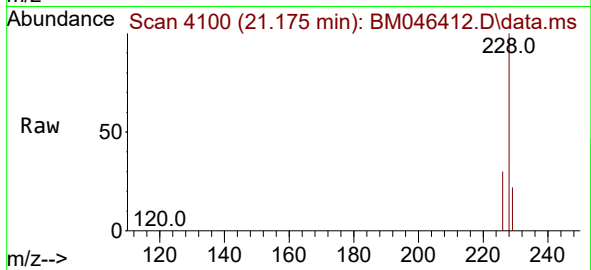
Tgt Ion:228 Resp: 615157

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 21.9 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 12.319 ng/ul

RT: 22.663 min Scan# 4609

Delta R.T. 0.000 min

Lab File: BM046412.D

Acq: 06 Jul 2024 10:54

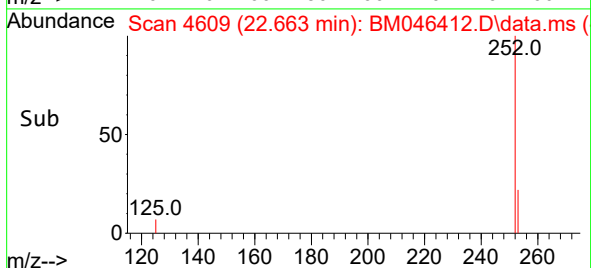
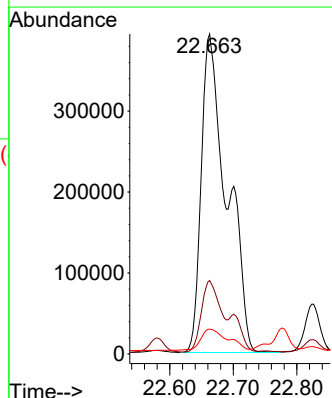
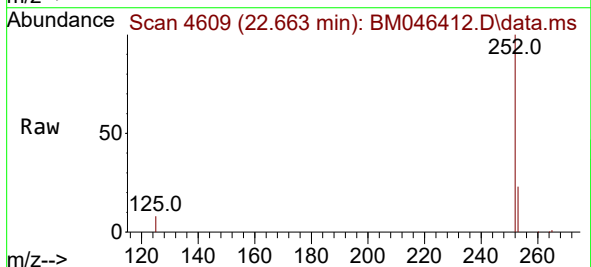
Tgt Ion:252 Resp: 1100206

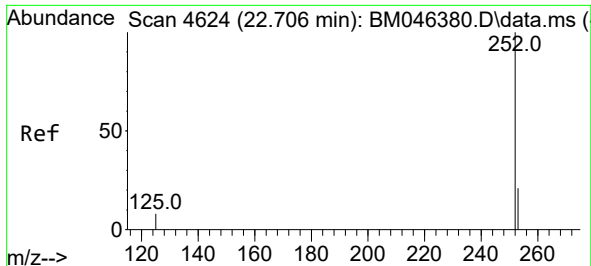
Ion Ratio Lower Upper

252 100

253 23.0 0.0 47.0

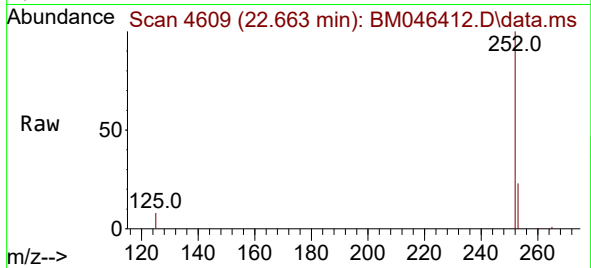
125 7.7 0.0 18.4



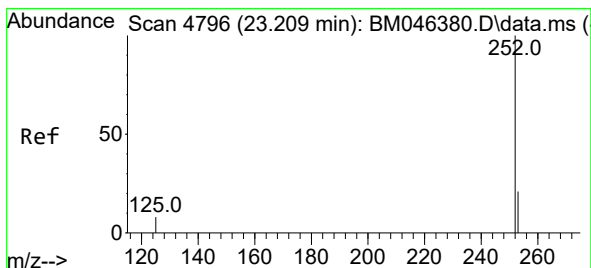
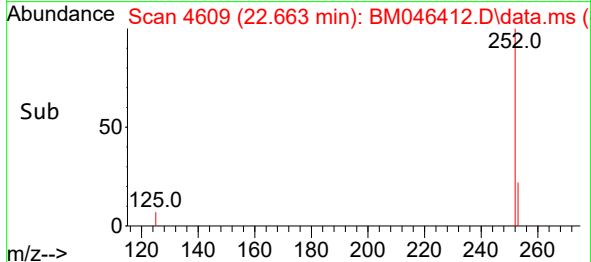
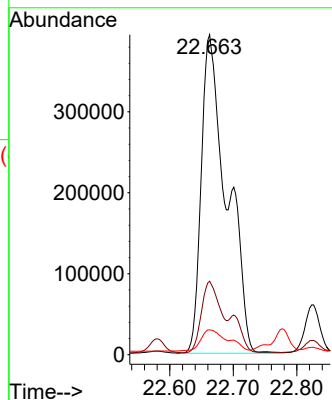


#25
Benzo(k)fluoranthene
Concen: 12.204 ng/ul
RT: 22.663 min Scan# 4609
Delta R.T. -0.044 min
Lab File: BM046412.D
Acq: 06 Jul 2024 10:54

Instrument :
BNA_M
ClientSampleId :
A4CF0

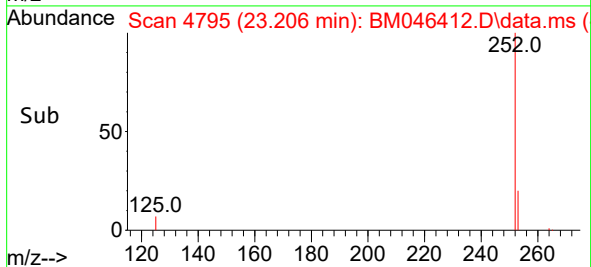
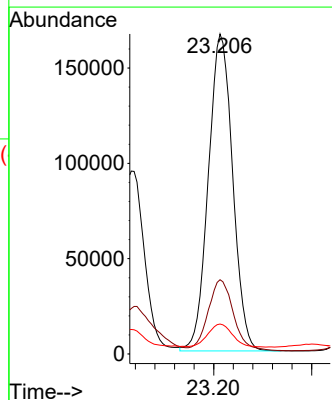
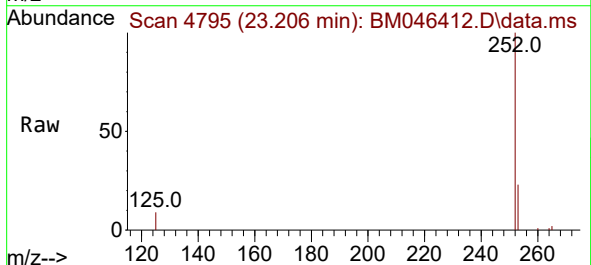


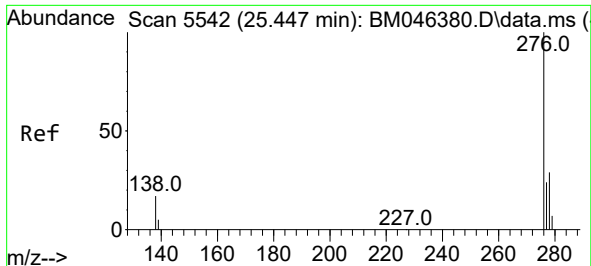
Tgt Ion:252 Resp: 1100206
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 7.7 7.5 11.3



#26
Benzo(a)pyrene
Concen: 4.055 ng/ul
RT: 23.206 min Scan# 4795
Delta R.T. -0.003 min
Lab File: BM046412.D
Acq: 06 Jul 2024 10:54

Tgt Ion:252 Resp: 286209
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 9.4 8.1 12.1

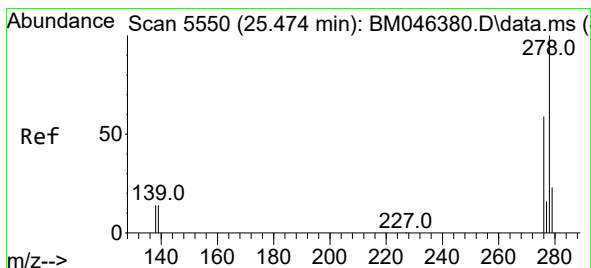
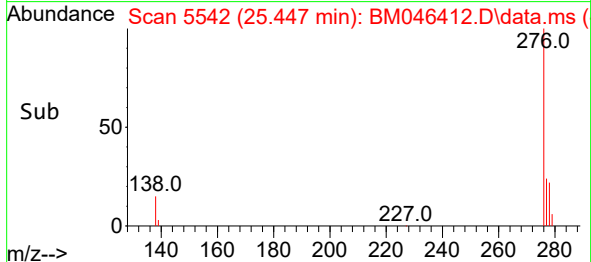
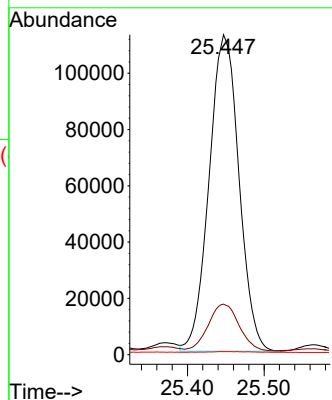
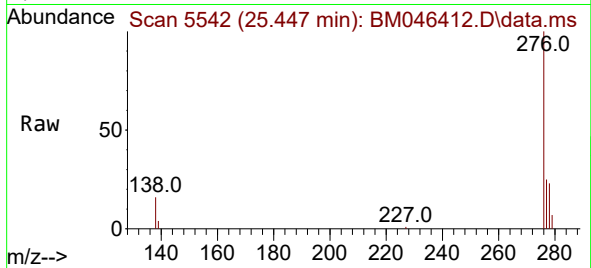




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.189 ng/ul
 RT: 25.447 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BM046412.D
 Acq: 06 Jul 2024 10:54

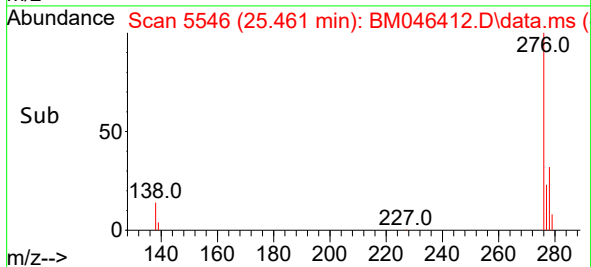
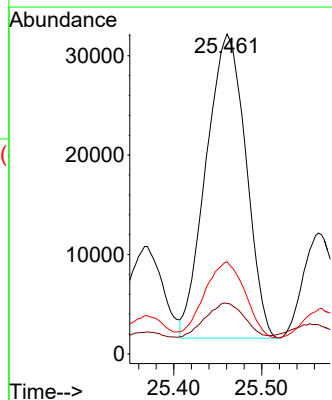
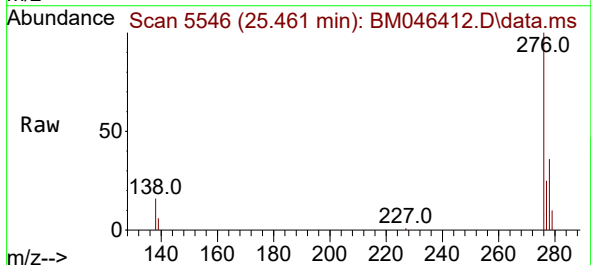
Instrument :
 BNA_M
 ClientSampleId :
 A4CF0

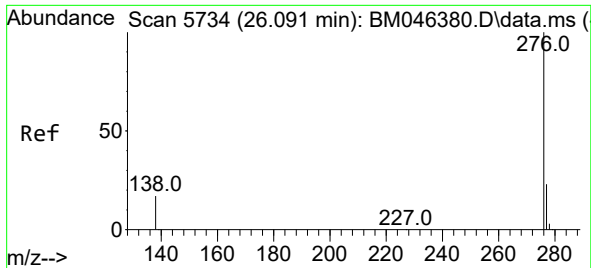
Tgt Ion:276 Resp: 304132
 Ion Ratio Lower Upper
 276 100
 138 15.1 15.7 23.5#
 227 0.4 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.303 ng/ul
 RT: 25.461 min Scan# 5546
 Delta R.T. -0.013 min
 Lab File: BM046412.D
 Acq: 06 Jul 2024 10:54

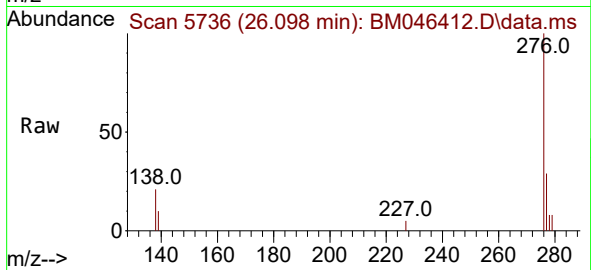
Tgt Ion:278 Resp: 96103
 Ion Ratio Lower Upper
 278 100
 139 15.8 12.6 18.8
 279 28.8 20.7 31.1





#29
Benzo(g,h,i)perylene
Concen: 0.608 ng/ul
RT: 26.098 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM046412.D
Acq: 06 Jul 2024 10:54

Instrument :
BNA_M
ClientSampleId :
A4CF0



Tgt Ion:276 Resp: 46207
Ion Ratio Lower Upper
276 100
138 21.3 15.4 23.0
277 29.0 19.7 29.5

