

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046300.D
 Acq On : 25 Jun 2024 20:21
 Operator : MA/JU
 Sample : P2844-09DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 25 23:29:02 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 25 08:04:59 2024
 Response via : Initial Calibration

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

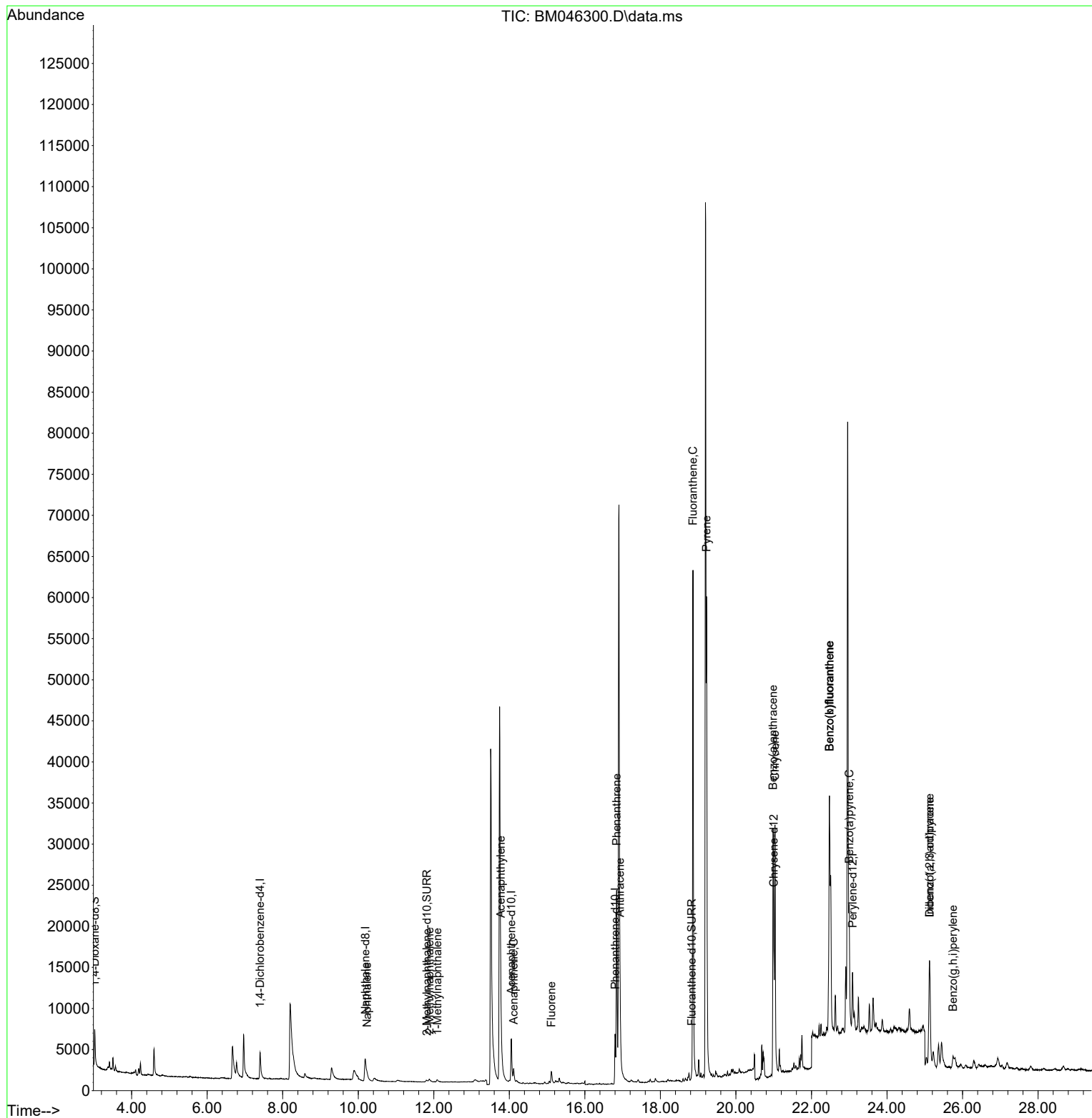
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.400	152	2445	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.189	136	7253	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.053	164	4127	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.799	188	8423	0.400	ng/ul	-0.05
17) Chrysene-d12	21.000	240	7140	0.400	ng/ul	-0.03
23) Perylene-d12	23.086	264	9062	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2768	0.825	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.816	152	620	0.064	ng/ul	-0.05
18) Fluoranthene-d10	18.830	212	1442	0.067	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.233	128	1355	0.067	ng/ul#	74
7) 2-Methylnaphthalene	11.882	142	484	0.043	ng/ul	95
8) 1-Methylnaphthalene	12.091	142	438	0.035	ng/ul	95
10) Acenaphthylene	13.771	152	3078	0.157	ng/ul#	93
11) Acenaphthene	14.114	153	1222	0.086	ng/ul	94
12) Fluorene	15.113	166	1505	0.099	ng/ul#	96
15) Phenanthrene	16.842	178	30331	1.282	ng/ul	96
16) Anthracene	16.930	178	6391	0.363	ng/ul	96
19) Fluoranthene	18.863	202	63682	2.060	ng/ul	96
20) Pyrene	19.221	202	48926	1.463	ng/ul	98
21) Benzo(a)anthracene	20.982	228	30524	1.107	ng/ul	97
22) Chrysene	21.035	228	29153	0.828	ng/ul	98
24) Benzo(b)fluoranthene	22.475	252	63531	1.946	ng/ul	90
25) Benzo(k)fluoranthene	22.475	252	63531	1.637	ng/ul#	88
26) Benzo(a)pyrene	22.999	252	17683	0.585	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.128	276	20231	0.409	ng/ul#	72
28) Dibenzo(a,h)anthracene	25.128	278	5487	0.149	ng/ul#	41
29) Benzo(g,h,i)perylene	25.749	276	3045	0.072	ng/ul#	56

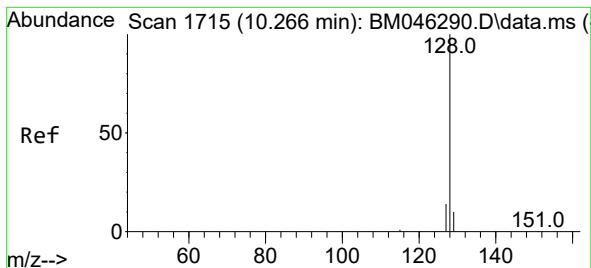
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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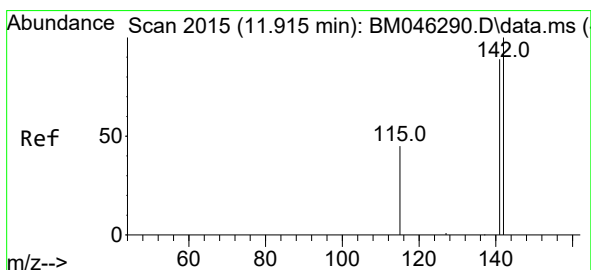
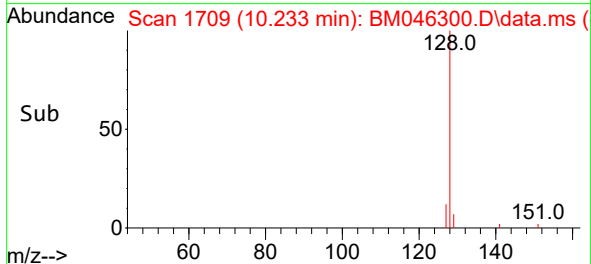
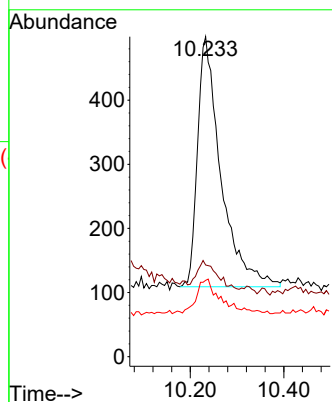
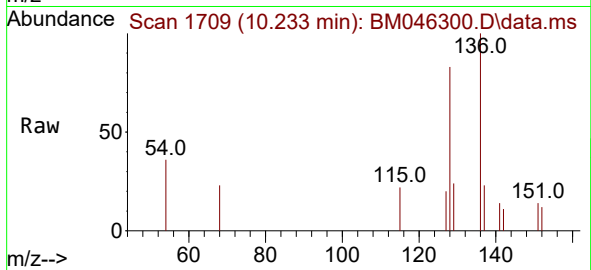




#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.233 min Scan# 1715
Delta R.T. -0.071 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

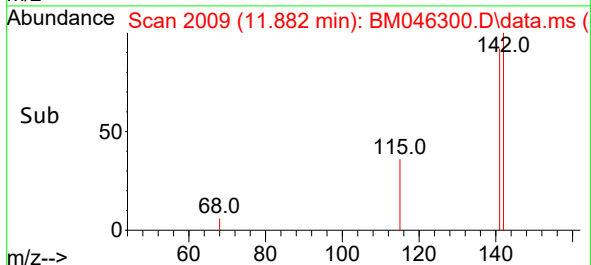
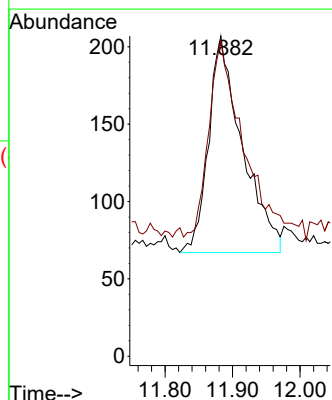
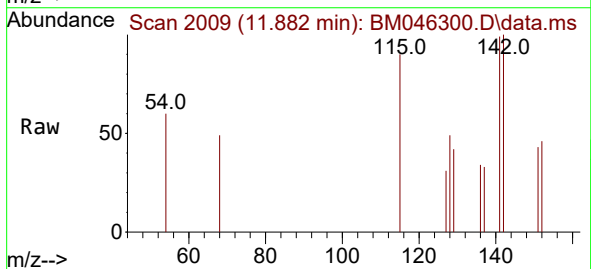
Instrument :
BNA_G
ClientSampleId :

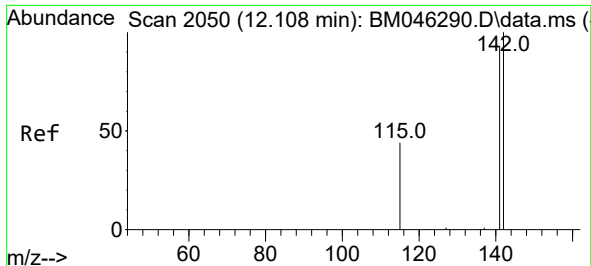
Tgt Ion:128 Resp: 1355
Ion Ratio Lower Upper
128 100
129 28.7 11.8 17.6#
127 23.8 12.8 19.2#



#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 11.882 min Scan# 2009
Delta R.T. -0.071 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

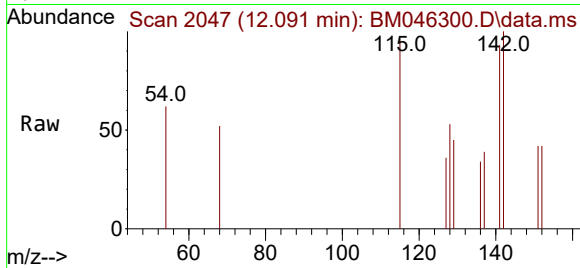
Tgt Ion:142 Resp: 484
Ion Ratio Lower Upper
142 100
141 97.9 74.6 111.8



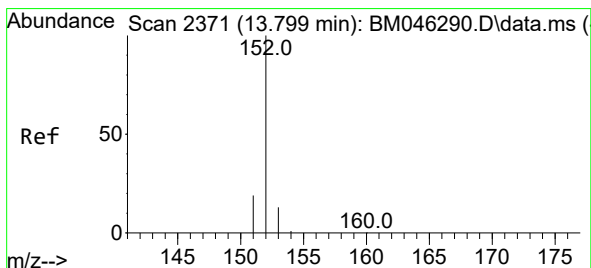
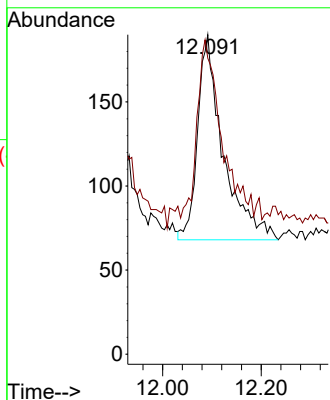
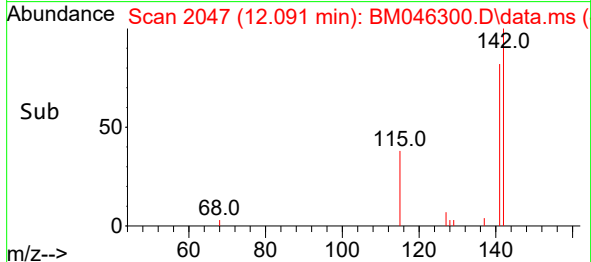


#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.091 min Scan# 2047
Delta R.T. -0.044 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_G
ClientSampleId :

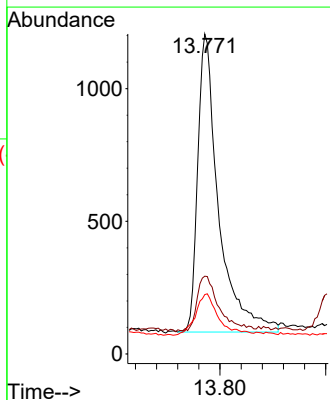
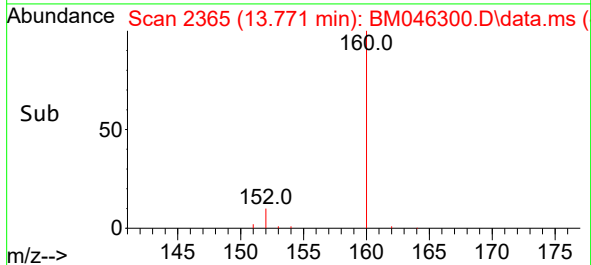
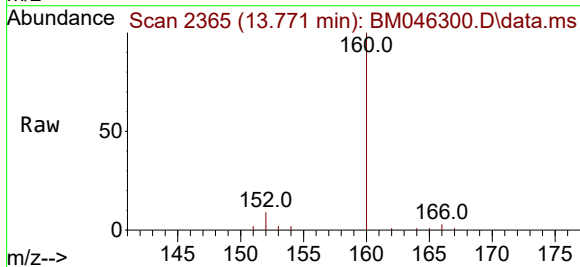


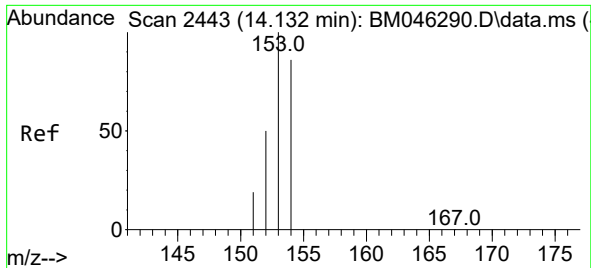
Tgt Ion:142 Resp: 438
Ion Ratio Lower Upper
142 100
141 88.8 75.2 112.8



#10
Acenaphthylene
Concen: 0.157 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.046 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:152 Resp: 3078
Ion Ratio Lower Upper
152 100
151 24.3 17.4 26.2
153 18.6 11.8 17.8#

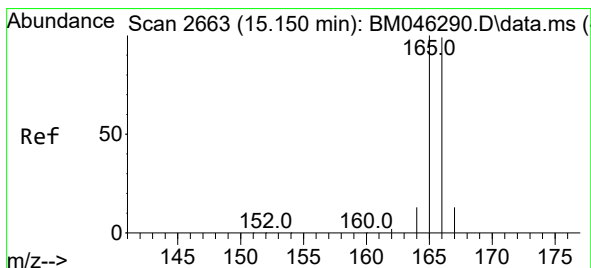
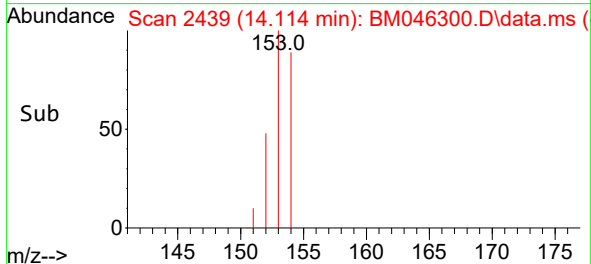
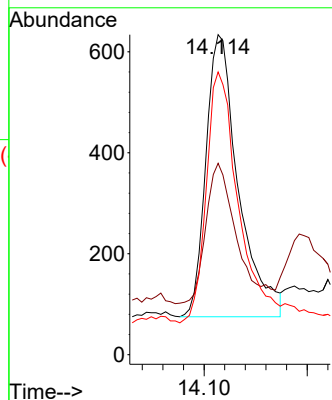
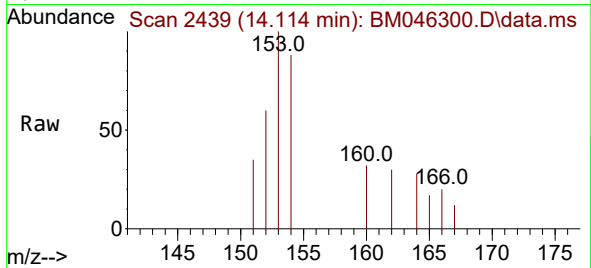




#11
Acenaphthene
Concen: 0.086 ng/ul
RT: 14.114 min Scan# 2443
Delta R.T. -0.032 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

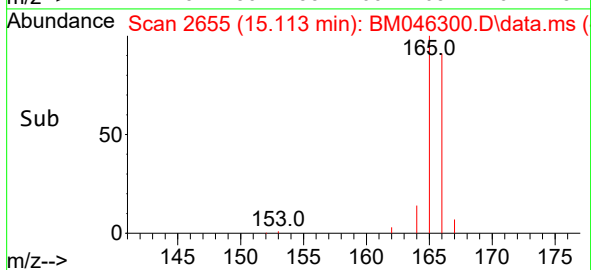
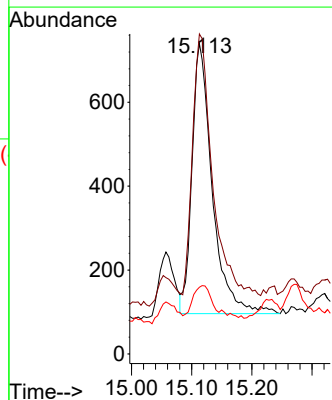
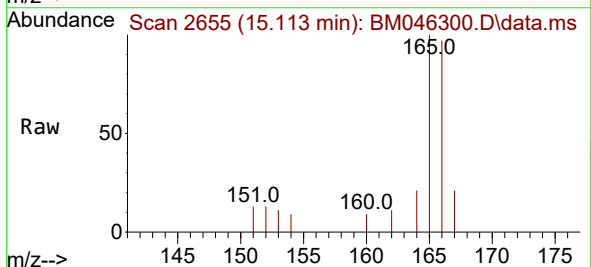
Instrument :
BNA_G
ClientSampleId :

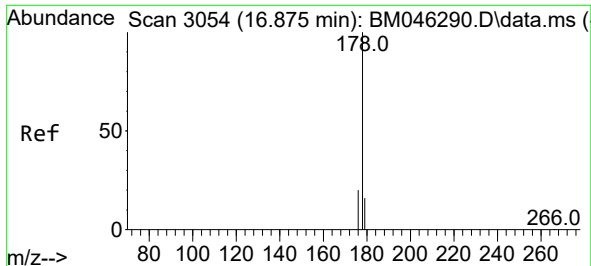
Tgt Ion:153 Resp: 1222
Ion Ratio Lower Upper
153 100
152 59.8 41.3 61.9
154 88.3 68.2 102.4



#12
Fluorene
Concen: 0.099 ng/ul
RT: 15.113 min Scan# 2655
Delta R.T. -0.055 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:166 Resp: 1505
Ion Ratio Lower Upper
166 100
165 103.1 80.4 120.6
167 21.5 12.4 18.6#

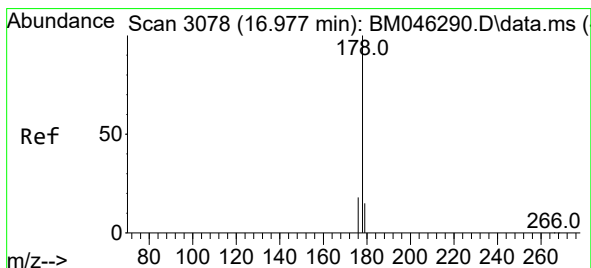
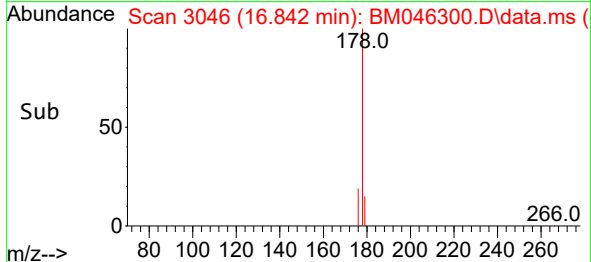
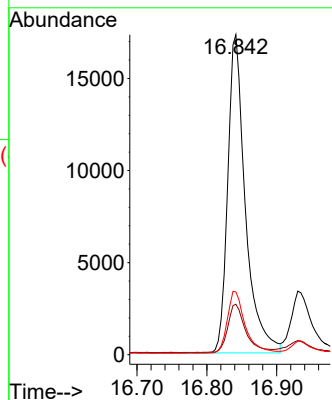
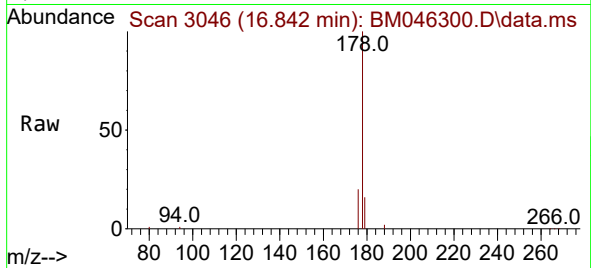




#15
Phenanthrene
Concen: 1.282 ng/ul
RT: 16.842 min Scan# 3067
Delta R.T. -0.046 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

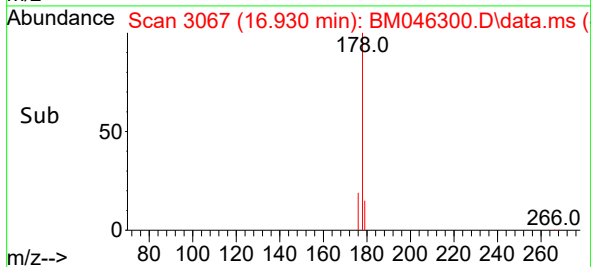
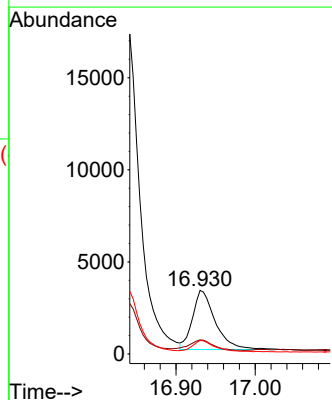
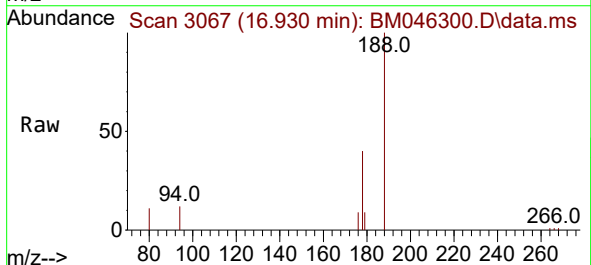
Instrument :
BNA_G
ClientSampleId :

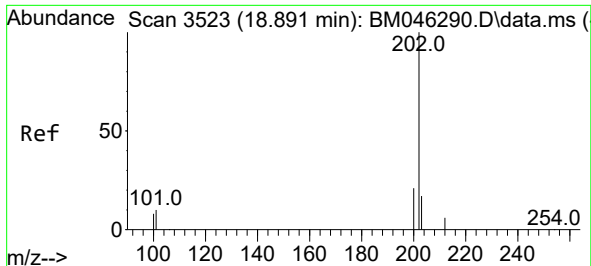
Tgt Ion:178 Resp: 30331
Ion Ratio Lower Upper
178 100
179 15.8 14.2 21.2
176 19.6 17.1 25.7



#16
Anthracene
Concen: 0.363 ng/ul
RT: 16.930 min Scan# 3067
Delta R.T. -0.076 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:178 Resp: 6391
Ion Ratio Lower Upper
178 100
179 22.1 14.9 22.3
176 21.3 17.0 25.4

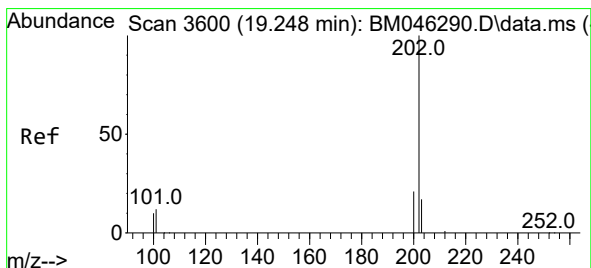
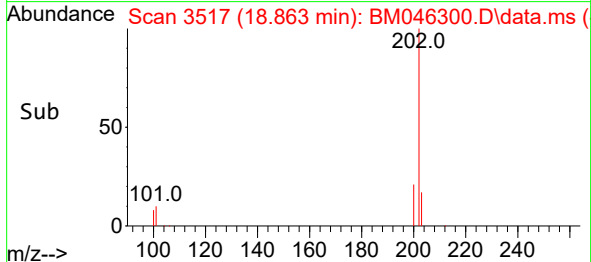
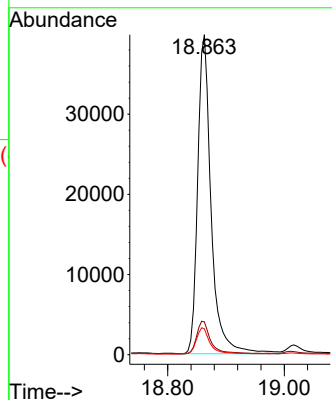
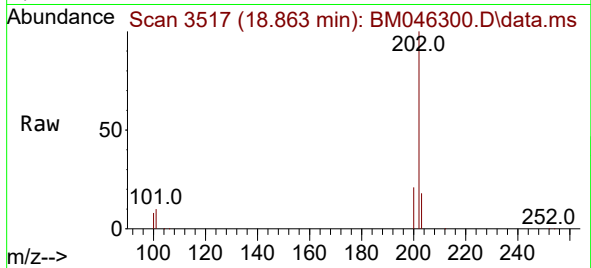




#19
Fluoranthene
Concen: 2.060 ng/ul
RT: 18.863 min Scan# 317
Delta R.T. -0.042 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

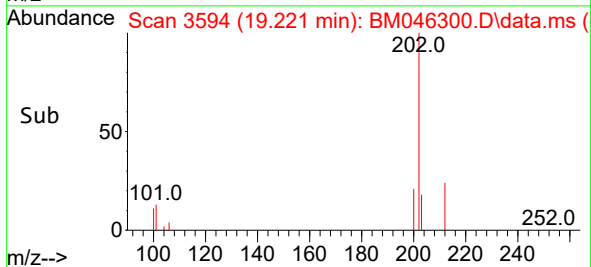
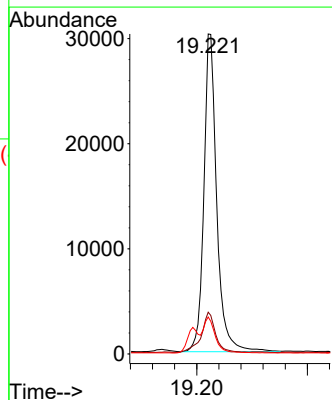
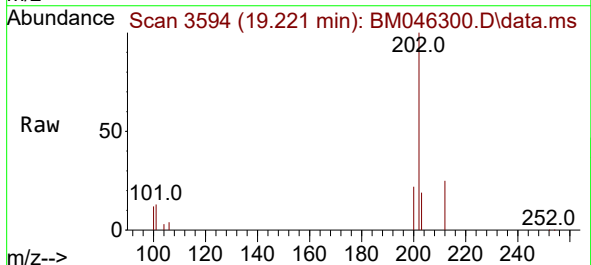
Instrument :
BNA_G
ClientSampleId :

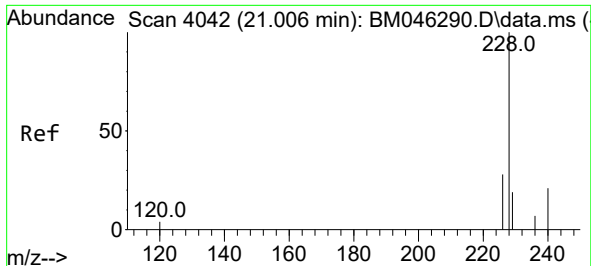
Tgt Ion:202 Resp: 63682
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
100 8.1 7.6 11.4



#20
Pyrene
Concen: 1.463 ng/ul
RT: 19.221 min Scan# 3594
Delta R.T. -0.037 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

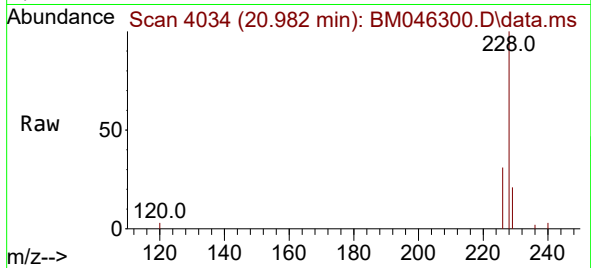
Tgt Ion:202 Resp: 48926
Ion Ratio Lower Upper
202 100
101 13.1 11.3 16.9
100 11.5 9.8 14.6



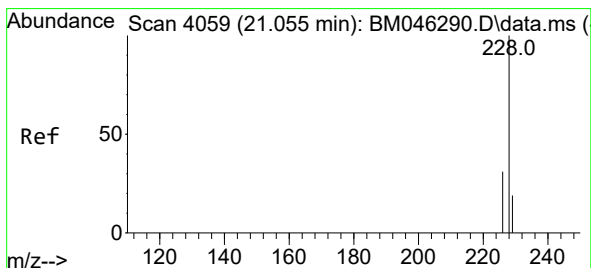
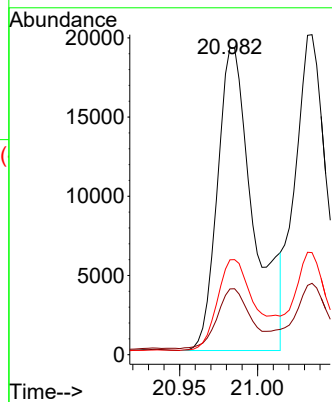
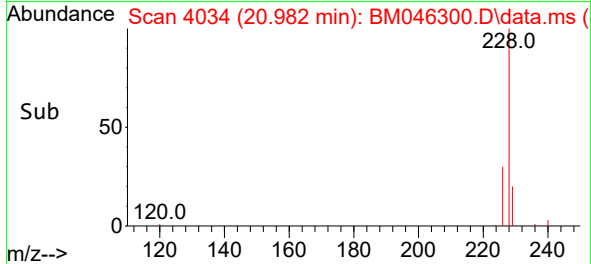


#21
Benzo(a)anthracene
Concen: 1.107 ng/ul
RT: 20.982 min Scan# 4034
Delta R.T. -0.029 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_G
ClientSampleId :

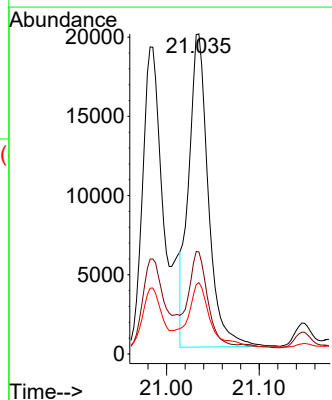
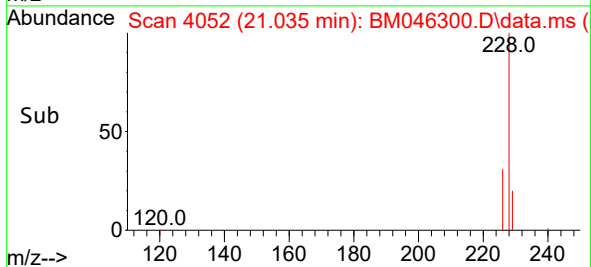
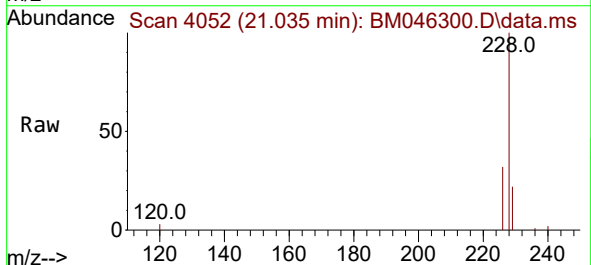


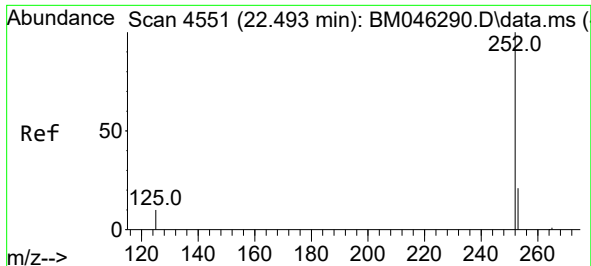
Tgt Ion:228 Resp: 30524
Ion Ratio Lower Upper
228 100
229 21.4 16.4 24.6
226 30.9 23.4 35.2



#22
Chrysene
Concen: 0.828 ng/ul
RT: 21.035 min Scan# 4052
Delta R.T. -0.023 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

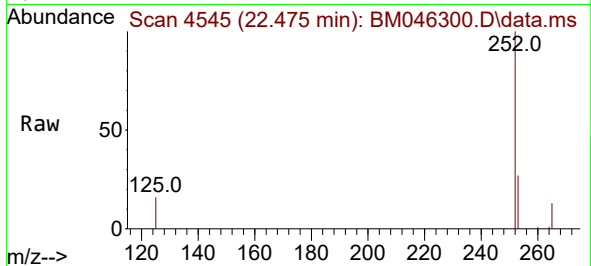
Tgt Ion:228 Resp: 29153
Ion Ratio Lower Upper
228 100
226 31.9 25.2 37.8
229 22.3 16.3 24.5



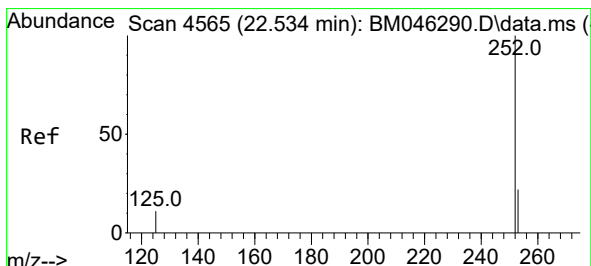
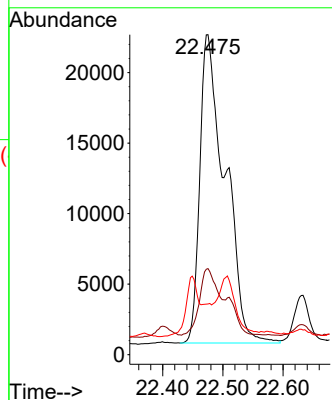
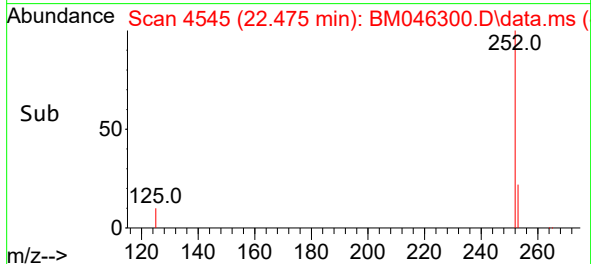


#24
Benzo(b)fluoranthene
Concen: 1.946 ng/ul
RT: 22.475 min Scan# 4545
Delta R.T. -0.020 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
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ClientSampleId :

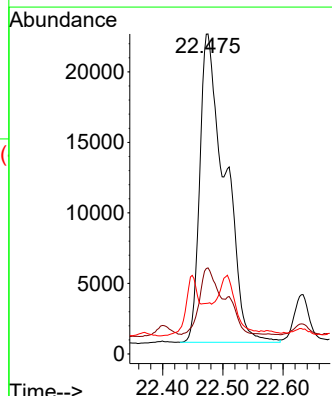
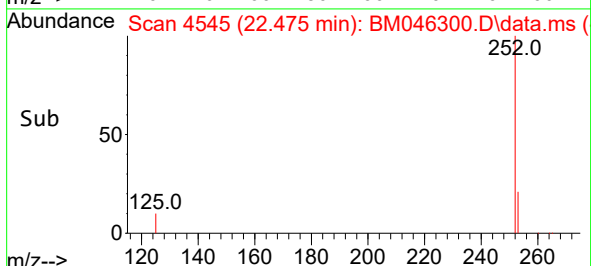
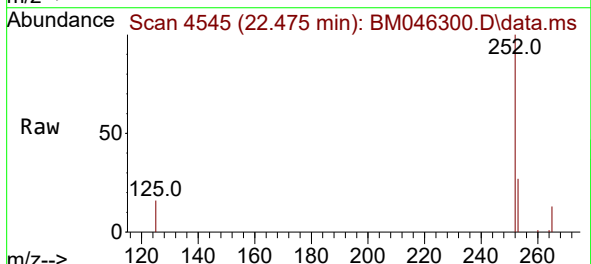


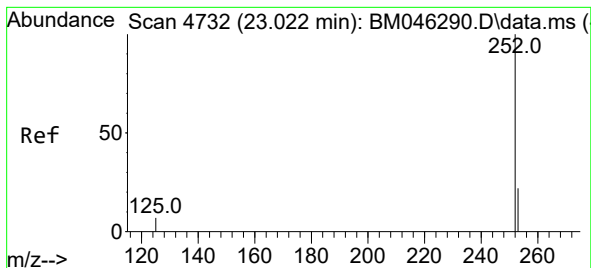
Tgt Ion:252 Resp: 63531
Ion Ratio Lower Upper
252 100
253 26.9 0.0 65.8
125 15.9 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 1.637 ng/ul
RT: 22.475 min Scan# 4545
Delta R.T. -0.061 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:252 Resp: 63531
Ion Ratio Lower Upper
252 100
253 26.9 27.2 40.8#
125 15.9 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.585 ng/ul

RT: 22.999 min Scan# 41

Delta R.T. -0.029 min

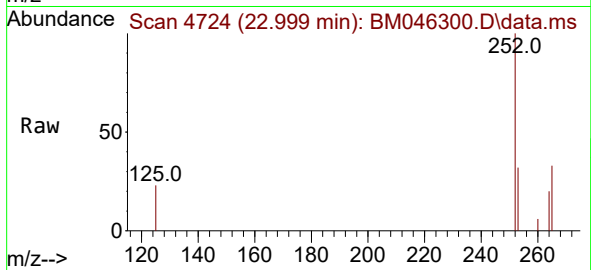
Lab File: BM046300.D

Acq: 25 Jun 2024 20:21

Instrument :

BNA_G

ClientSampleId :



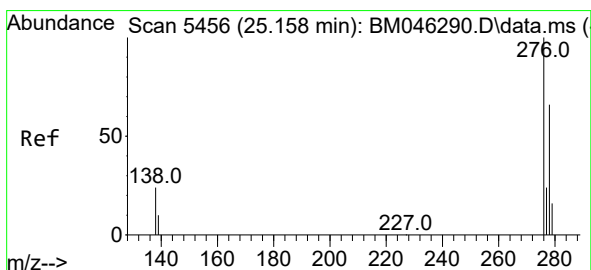
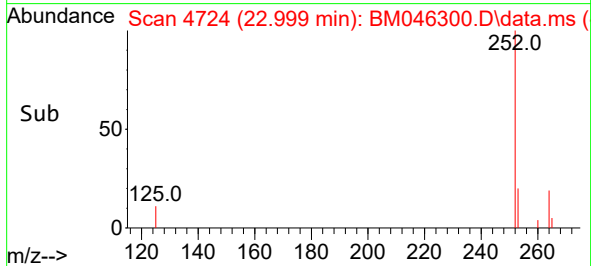
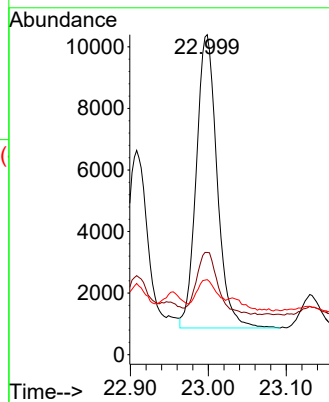
Tgt Ion:252 Resp: 17683

Ion Ratio Lower Upper

252 100

253 32.0 32.1 48.1#

125 23.5 21.2 31.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.409 ng/ul

RT: 25.128 min Scan# 5447

Delta R.T. -0.040 min

Lab File: BM046300.D

Acq: 25 Jun 2024 20:21

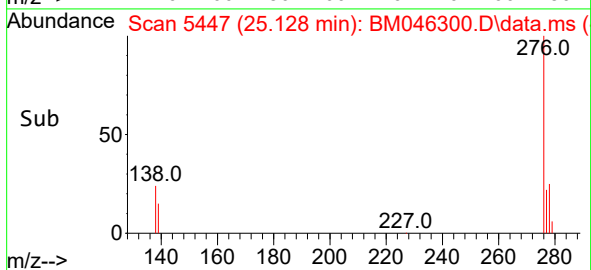
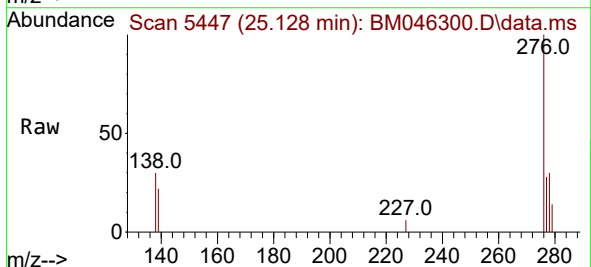
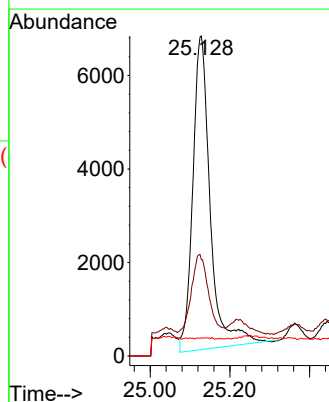
Tgt Ion:276 Resp: 20231

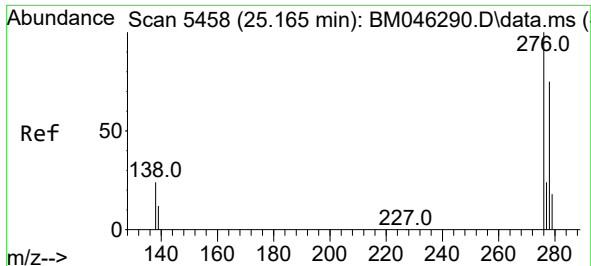
Ion Ratio Lower Upper

276 100

138 40.3 21.0 31.4#

227 0.0 0.0 0.0

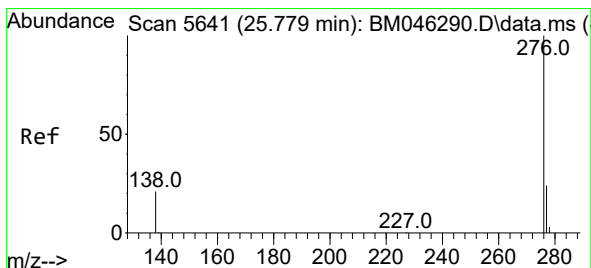
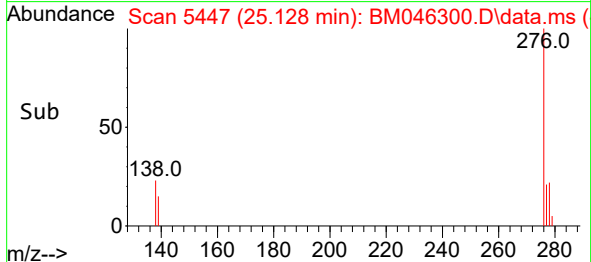
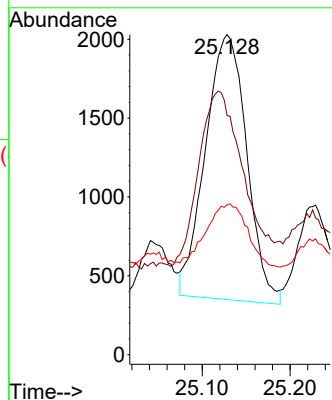
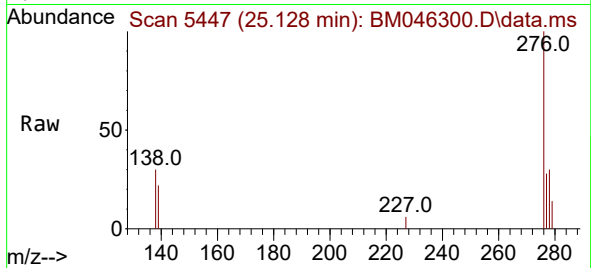




#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 25.128 min Scan# 5458
Delta R.T. -0.054 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 5487
Ion Ratio Lower Upper
278 100
139 74.8 17.6 26.4#
279 46.9 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.072 ng/ul
RT: 25.749 min Scan# 5632
Delta R.T. -0.037 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:276 Resp: 3045
Ion Ratio Lower Upper
276 100
138 52.3 21.7 32.5#
277 45.6 20.4 30.6#

