

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044168.D
 Acq On : 17 Feb 2024 09:54
 Operator : MA/JU
 Sample : PB159059BS
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS059

Quant Time: Feb 18 23:55:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

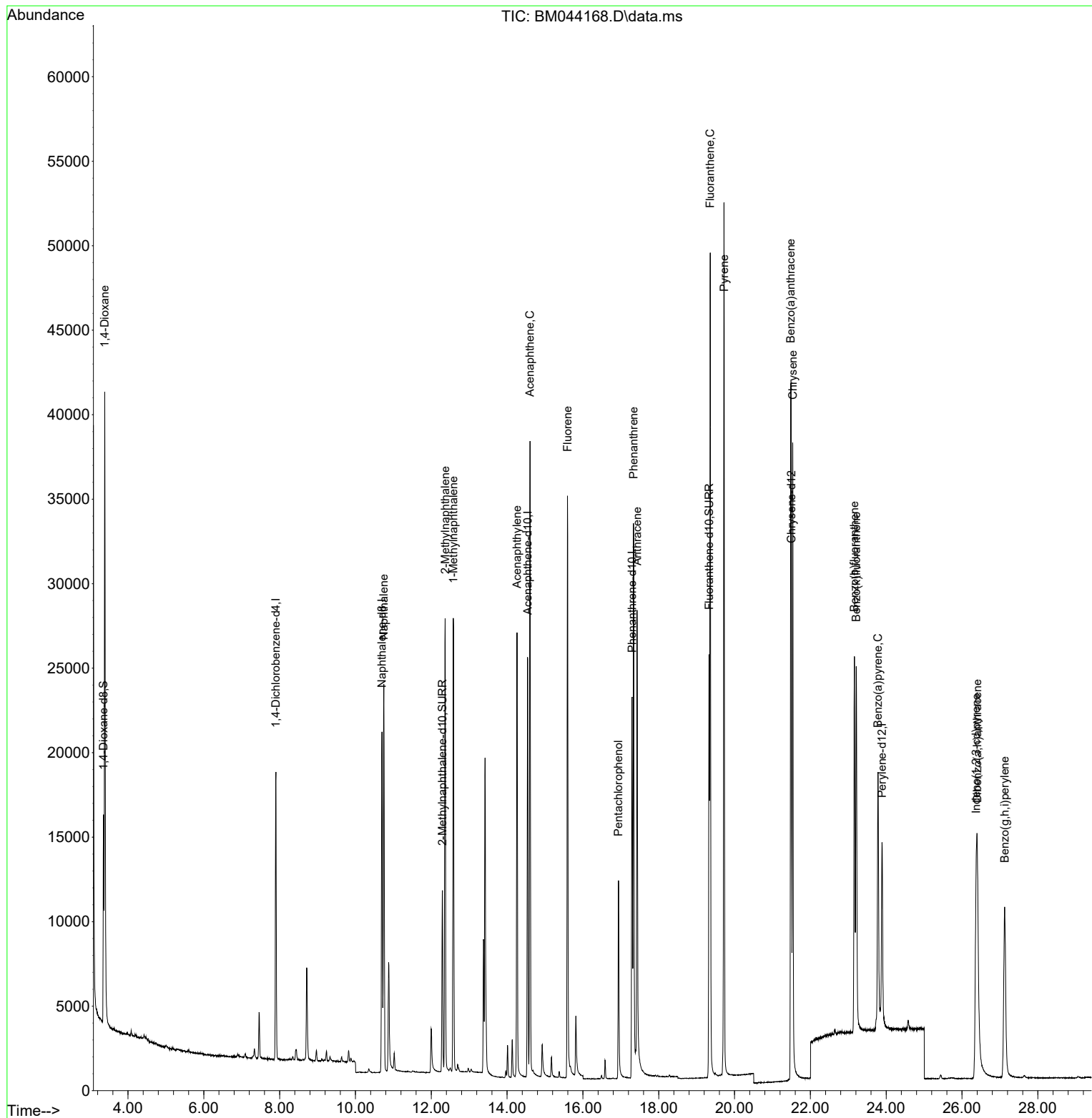
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	8720	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	27407	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	14231	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	29102	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	18453	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	16608	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	8422	0.682	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	14674	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	27221	0.494	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	25574	2.072	ng/ul#	76
5) Naphthalene	10.748	128	31700	0.389	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	19838	0.395	ng/ul	100
8) 1-Methylnaphthalene	12.585	142	19390	0.381	ng/ul	100
10) Acenaphthylene	14.260	152	31283	0.400	ng/ul	99
11) Acenaphthene	14.603	153	22048	0.389	ng/ul	99
12) Fluorene	15.593	166	24220	0.379	ng/ul	98
14) Pentachlorophenol	16.938	266	8731	0.838	ng/ul	98
15) Phenanthrene	17.334	178	37485	0.406	ng/ul	100
16) Anthracene	17.427	178	36807	0.403	ng/ul	99
19) Fluoranthene	19.359	202	42776	0.508	ng/ul	99
20) Pyrene	19.721	202	43677	0.494	ng/ul	98
21) Benzo(a)anthracene	21.482	228	34127	0.404	ng/ul	99
22) Chrysene	21.535	228	37040	0.407	ng/ul	99
24) Benzo(b)fluoranthene	23.160	252	30235	0.441	ng/ul	99
25) Benzo(k)fluoranthene	23.210	252	32377	0.435	ng/ul	98
26) Benzo(a)pyrene	23.783	252	26275	0.412	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.373	276	28862	0.356	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.403	278	22781	0.357	ng/ul	99
29) Benzo(g,h,i)perylene	27.124	276	24860	0.347	ng/ul	99

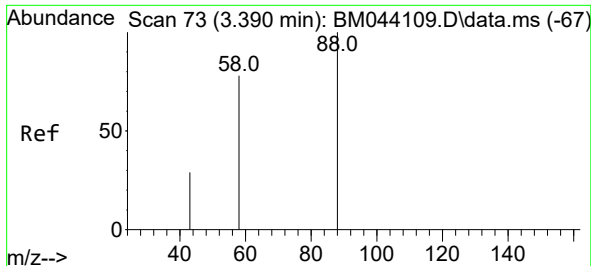
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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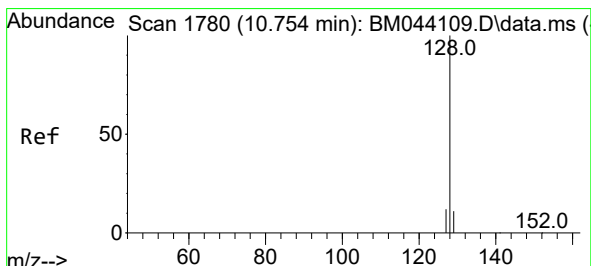
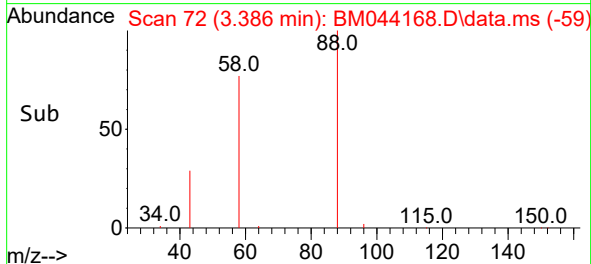
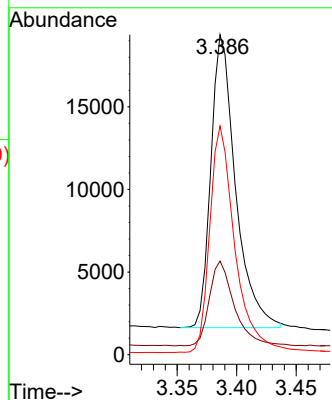
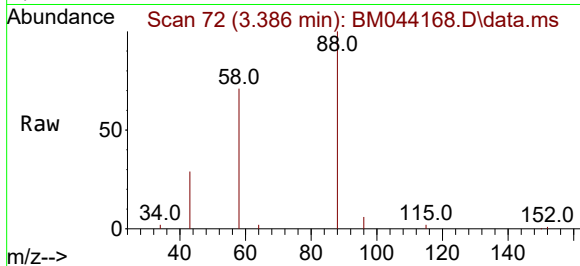




#2
1,4-Dioxane
Concen: 2.072 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM044168.D
Acq: 17 Feb 2024 09:54

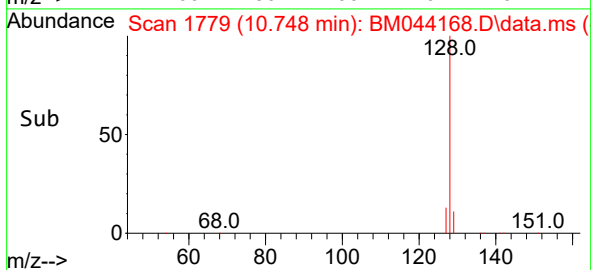
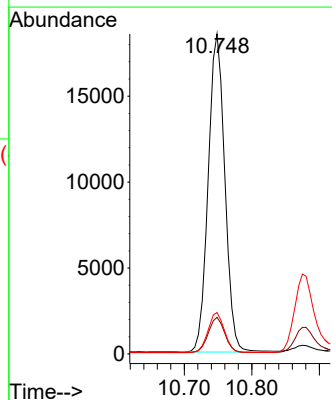
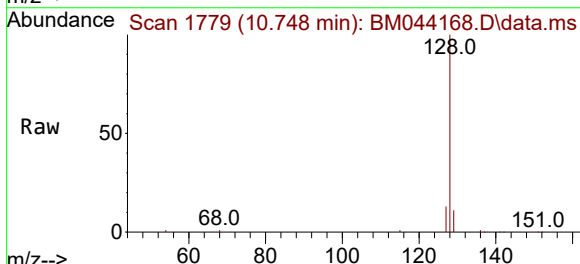
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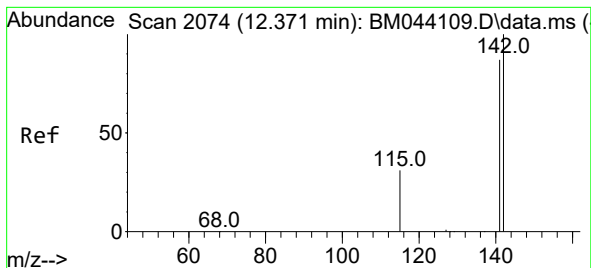
Tgt Ion: 88 Resp: 25574
Ion Ratio Lower Upper
88 100
43 29.3 32.2 48.2#
58 71.5 40.6 60.8#



#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044168.D
Acq: 17 Feb 2024 09:54

Tgt Ion:128 Resp: 31700
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.0 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.395 ng/ul

RT: 12.365 min Scan# 2073

Delta R.T. -0.005 min

Lab File: BM044168.D

Acq: 17 Feb 2024 09:54

Instrument :

BNA_M

ClientSampleId :

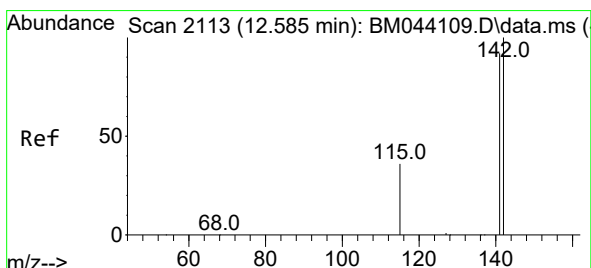
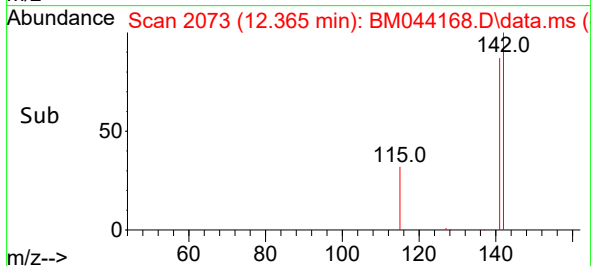
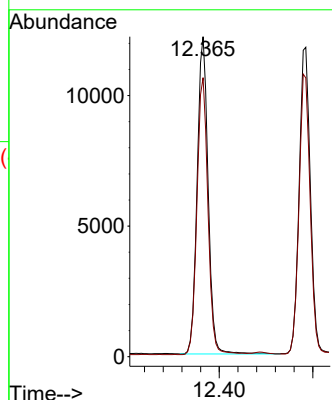
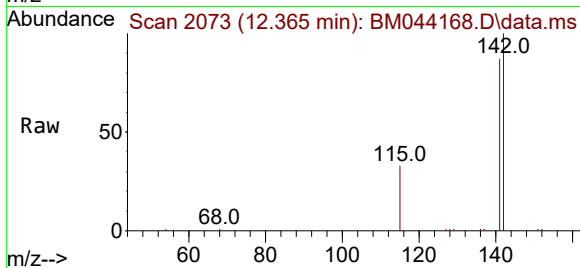
SLCS059

Tgt Ion:142 Resp: 19838

Ion Ratio Lower Upper

142 100

141 87.8 70.0 105.0



#8

1-Methylnaphthalene

Concen: 0.381 ng/ul

RT: 12.585 min Scan# 2113

Delta R.T. -0.005 min

Lab File: BM044168.D

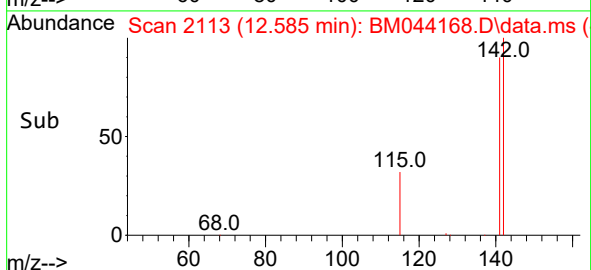
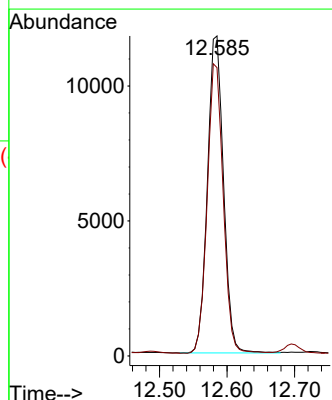
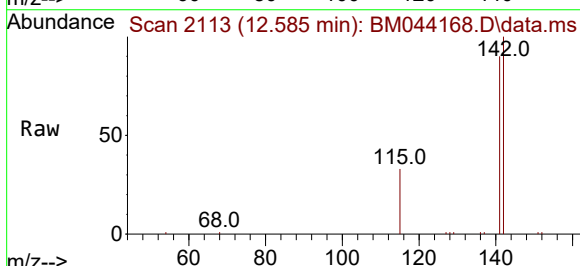
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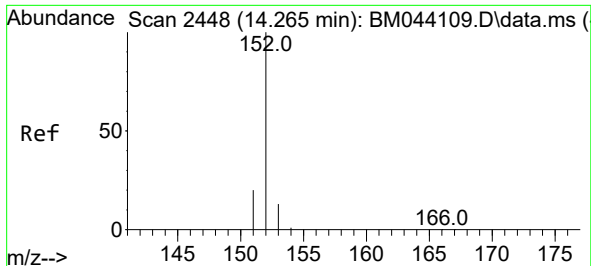
Tgt Ion:142 Resp: 19390

Ion Ratio Lower Upper

142 100

141 90.9 72.5 108.7

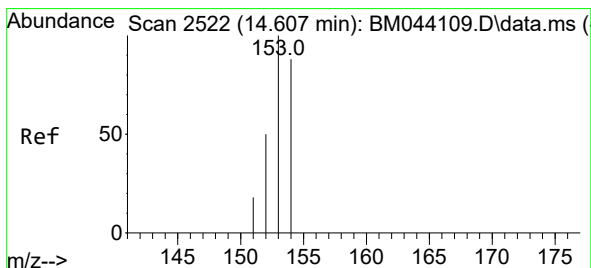
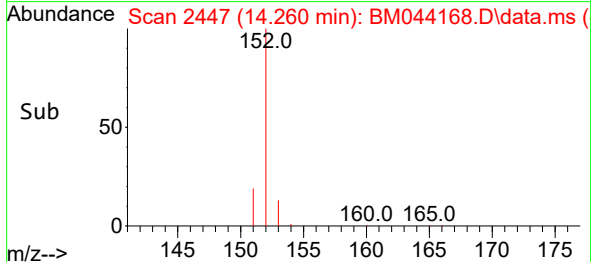
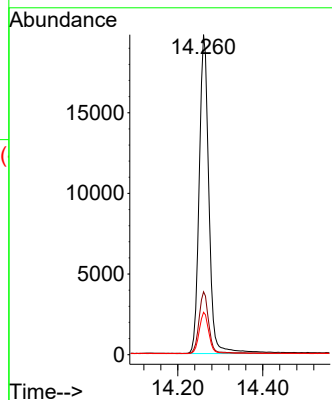
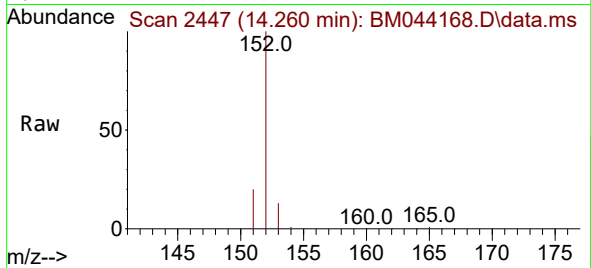




#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.260 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM044168.D
Acq: 17 Feb 2024 09:54

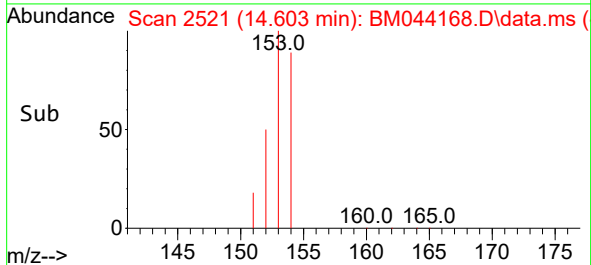
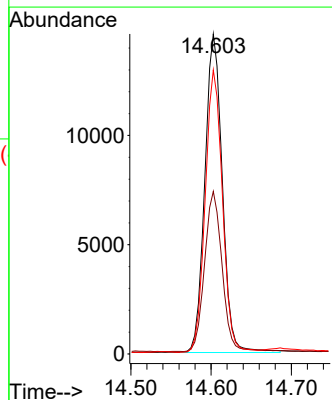
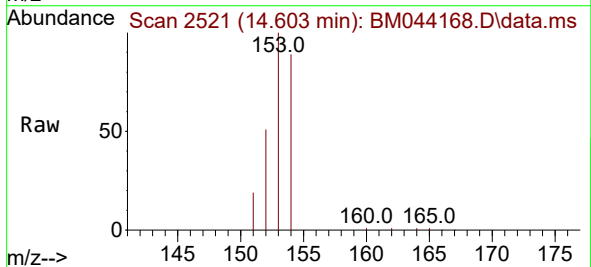
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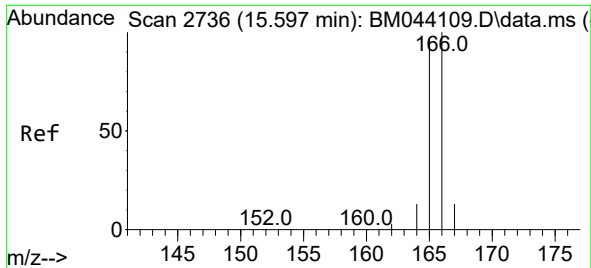
Tgt Ion:152 Resp: 31283
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.2 10.8 16.2



#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.603 min Scan# 2521
Delta R.T. -0.004 min
Lab File: BM044168.D
Acq: 17 Feb 2024 09:54

Tgt Ion:153 Resp: 22048
Ion Ratio Lower Upper
153 100
152 50.8 40.6 61.0
154 88.7 70.1 105.1

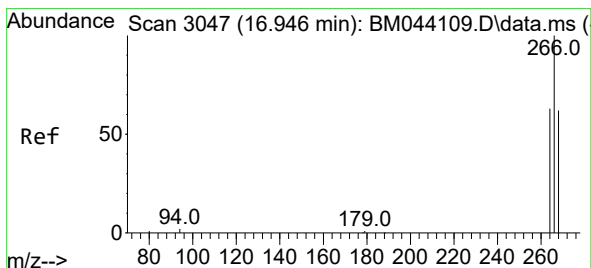
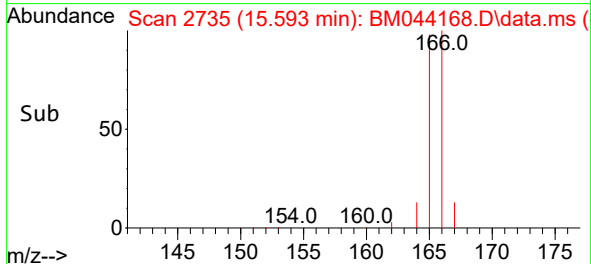
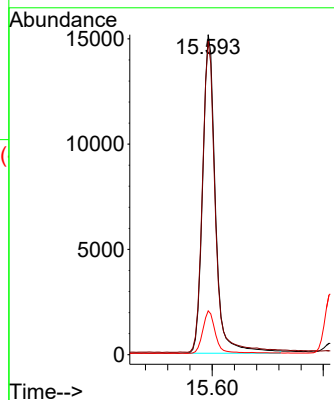
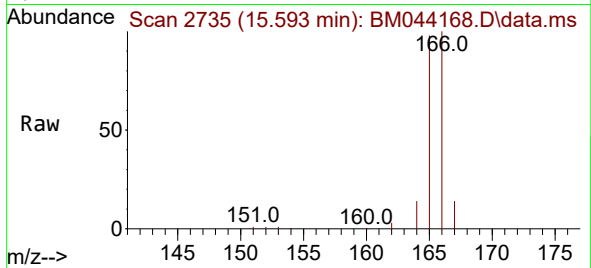




#12
 Fluorene
 Concen: 0.379 ng/ul
 RT: 15.593 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BM044168.D
 Acq: 17 Feb 2024 09:54

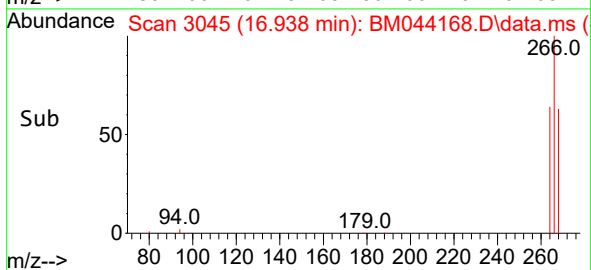
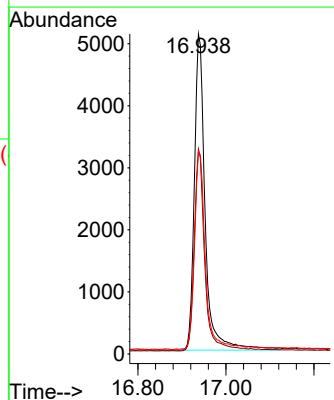
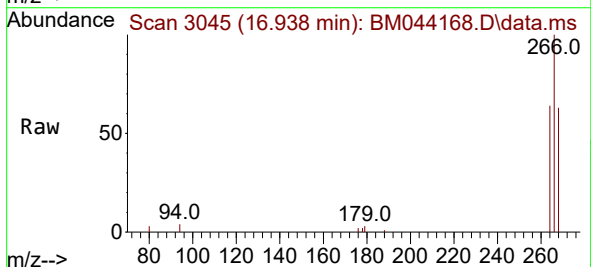
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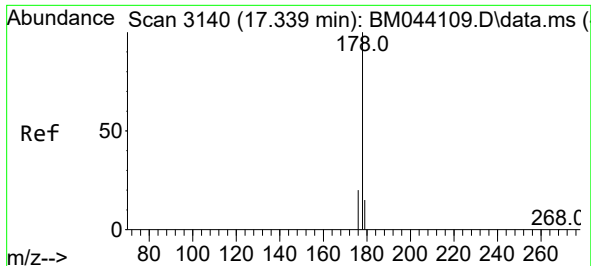
Tgt Ion:166 Resp: 24220
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.6
 167 13.7 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.838 ng/ul
 RT: 16.938 min Scan# 3045
 Delta R.T. -0.008 min
 Lab File: BM044168.D
 Acq: 17 Feb 2024 09:54

Tgt Ion:266 Resp: 8731
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.4 74.0
 268 63.6 52.1 78.1

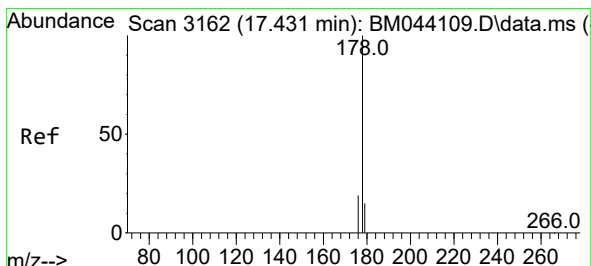
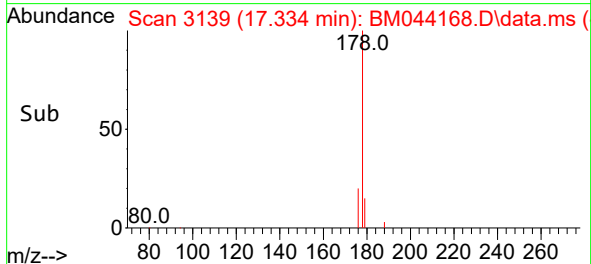
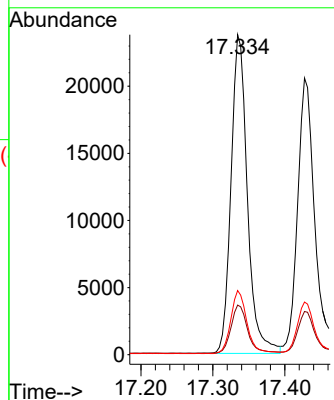
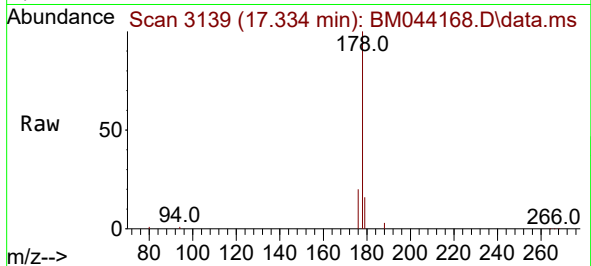




#15
Phenanthrene
Concen: 0.406 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM044168.D
Acq: 17 Feb 2024 09:54

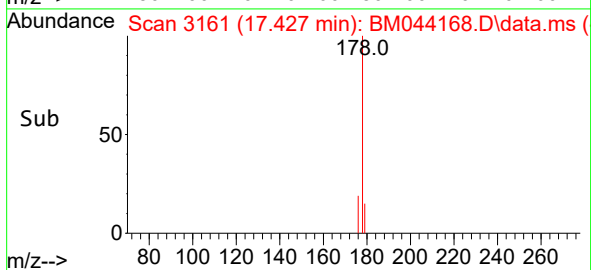
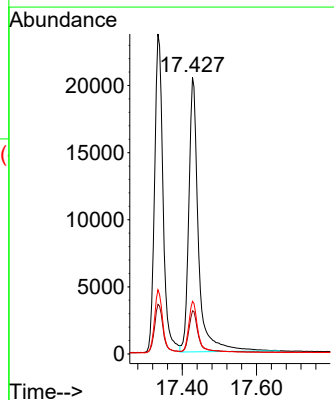
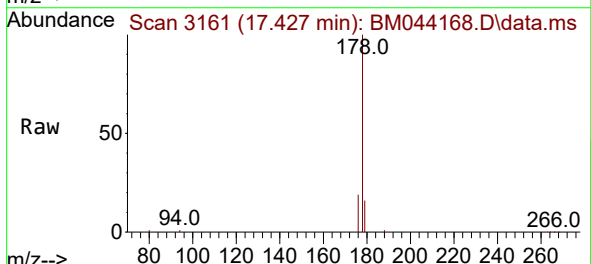
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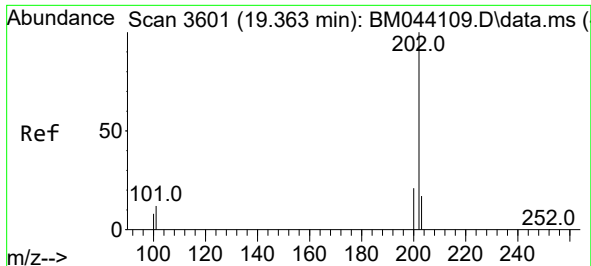
Tgt Ion:178 Resp: 37485
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.008 min
Lab File: BM044168.D
Acq: 17 Feb 2024 09:54

Tgt Ion:178 Resp: 36807
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.0 15.3 22.9

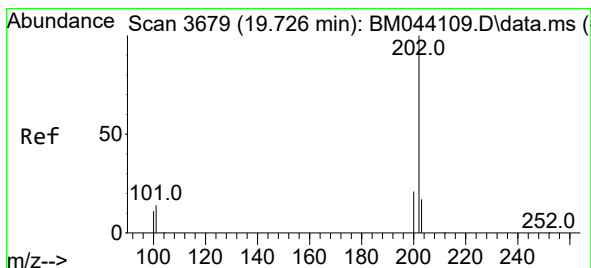
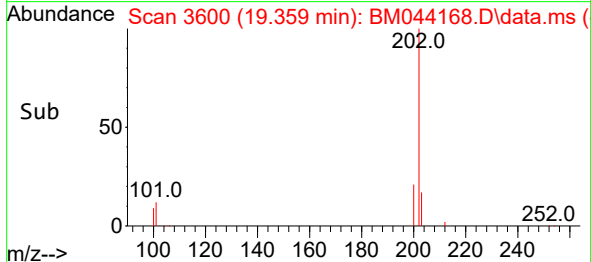
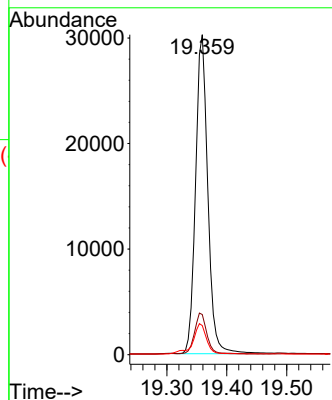
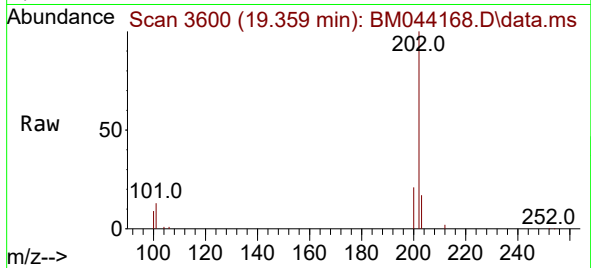




#19
Fluoranthene
Concen: 0.508 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044168.D
Acq: 17 Feb 2024 09:54

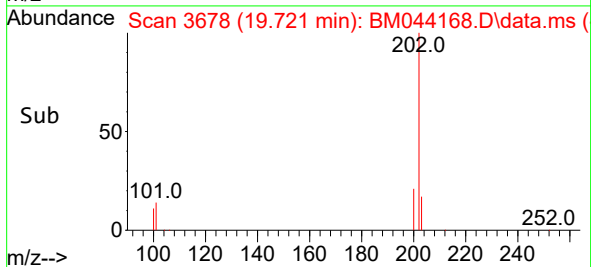
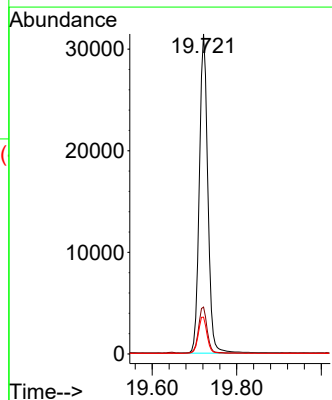
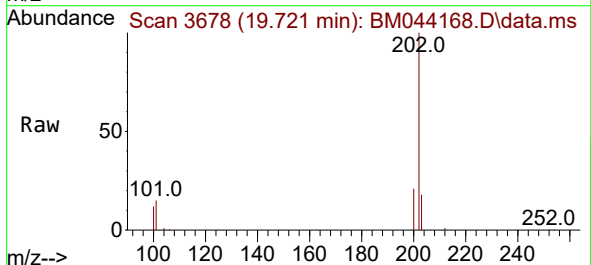
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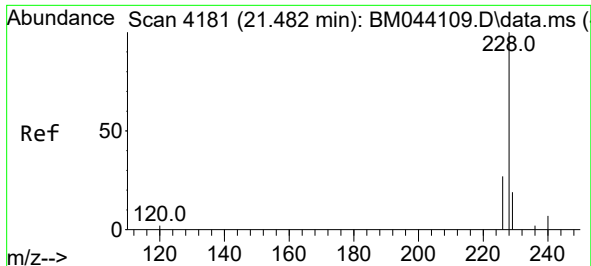
Tgt Ion:202 Resp: 42776
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.6
100 9.1 7.0 10.4



#20
Pyrene
Concen: 0.494 ng/ul
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044168.D
Acq: 17 Feb 2024 09:54

Tgt Ion:202 Resp: 43677
Ion Ratio Lower Upper
202 100
101 14.7 11.2 16.8
100 11.5 8.6 13.0

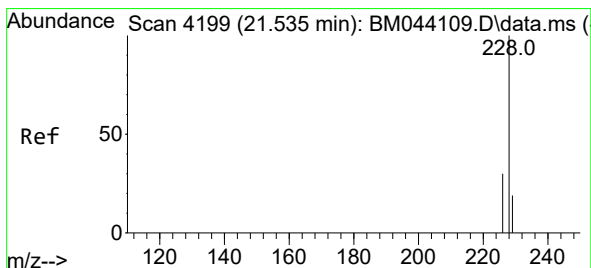
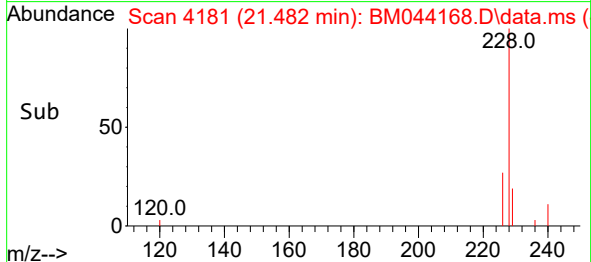
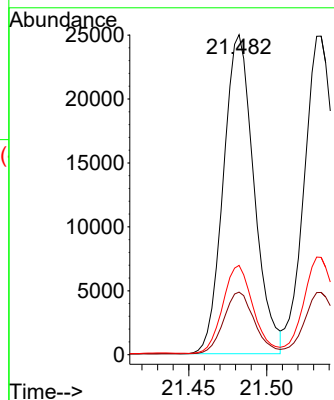
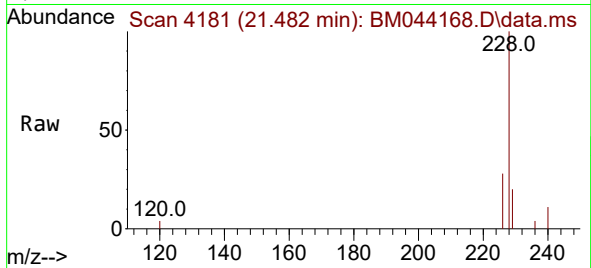




#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM044168.D
Acq: 17 Feb 2024 09:54

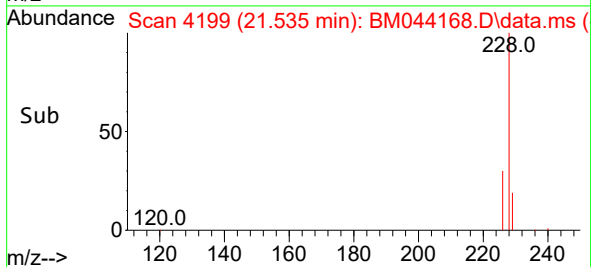
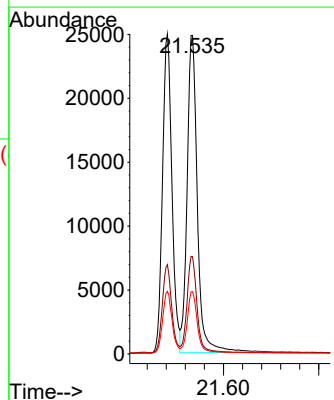
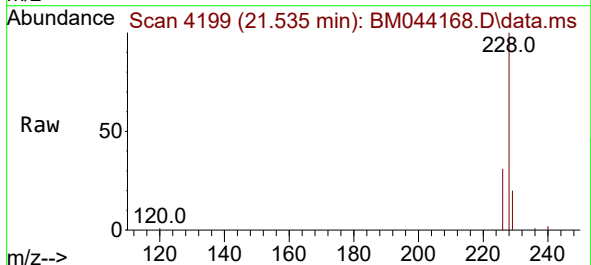
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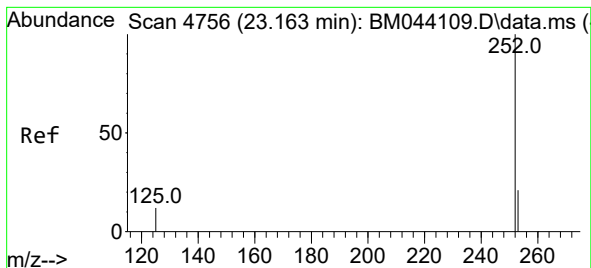
Tgt Ion:228 Resp: 34127
Ion Ratio Lower Upper
228 100
229 19.5 15.4 23.2
226 27.9 22.1 33.1



#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.535 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM044168.D
Acq: 17 Feb 2024 09:54

Tgt Ion:228 Resp: 37040
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.5 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.441 ng/ul

RT: 23.160 min Scan# 4756

Delta R.T. -0.003 min

Lab File: BM044168.D

Acq: 17 Feb 2024 09:54

Instrument :

BNA_M

ClientSampleId :

SLCS059

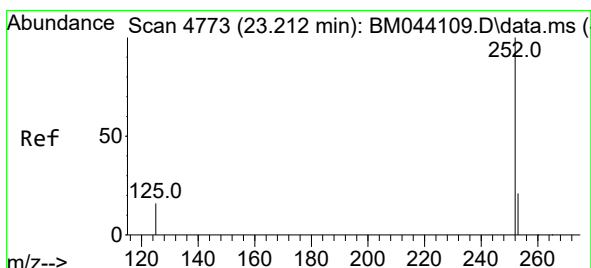
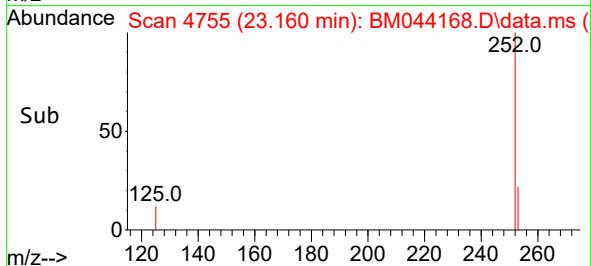
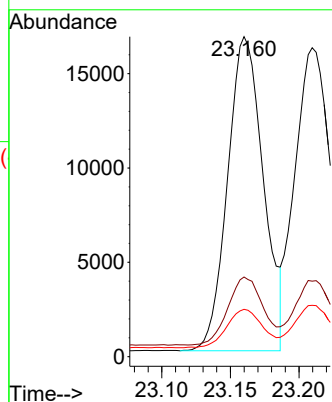
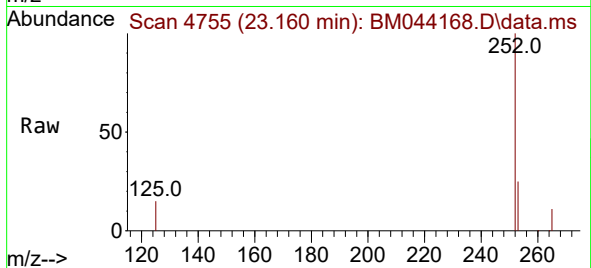
Tgt Ion:252 Resp: 30235

Ion Ratio Lower Upper

252 100

253 24.9 0.0 50.0

125 14.8 0.0 28.2



#25

Benzo(k)fluoranthene

Concen: 0.435 ng/ul

RT: 23.210 min Scan# 4772

Delta R.T. -0.003 min

Lab File: BM044168.D

Acq: 17 Feb 2024 09:54

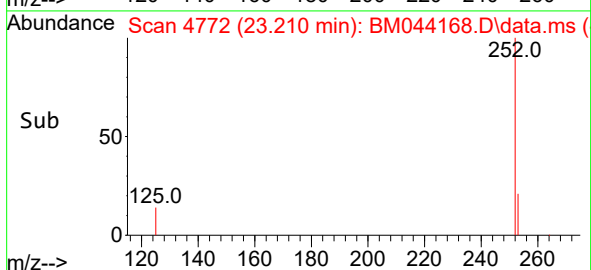
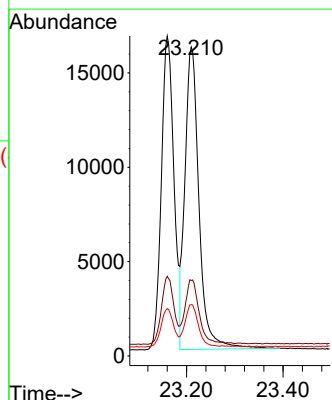
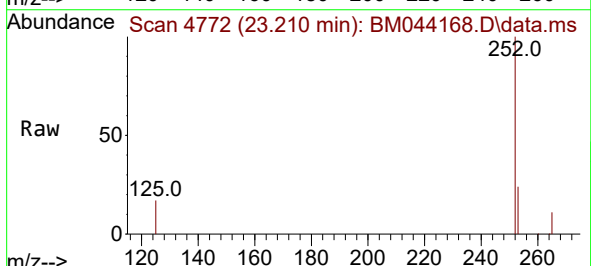
Tgt Ion:252 Resp: 32377

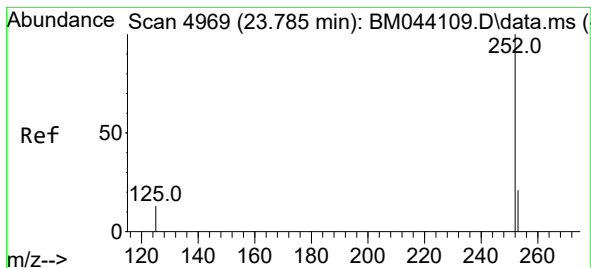
Ion Ratio Lower Upper

252 100

253 24.4 20.1 30.1

125 16.6 12.3 18.5





#26

Benzo(a)pyrene

Concen: 0.412 ng/ul

RT: 23.783 min Scan# 4969

Delta R.T. -0.003 min

Lab File: BM044168.D

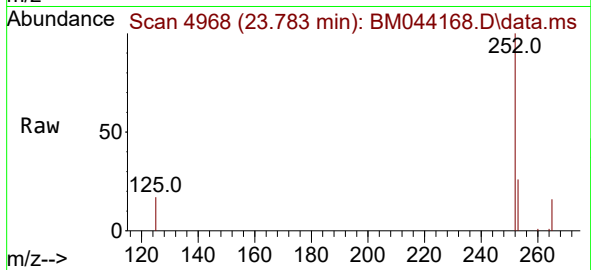
Acq: 17 Feb 2024 09:54

Instrument :

BNA_M

ClientSampleId :

SLCS059



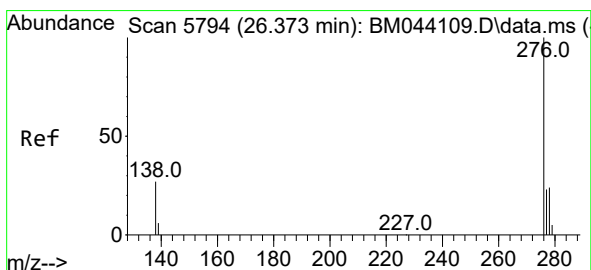
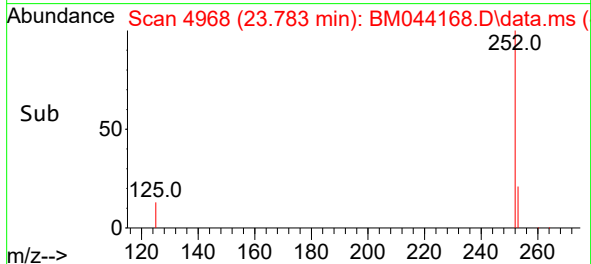
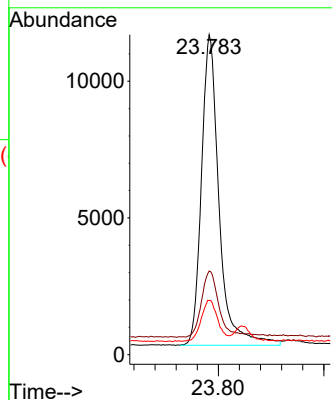
Tgt Ion:252 Resp: 26275

Ion Ratio Lower Upper

252 100

253 26.1 21.4 32.2

125 16.9 13.3 19.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.356 ng/ul

RT: 26.373 min Scan# 5794

Delta R.T. 0.003 min

Lab File: BM044168.D

Acq: 17 Feb 2024 09:54

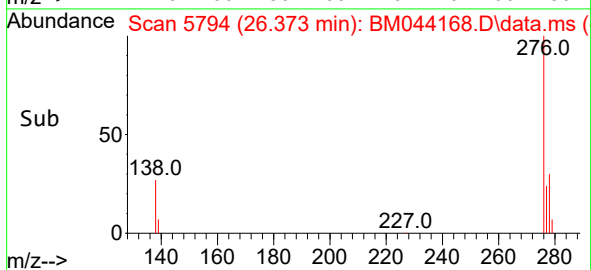
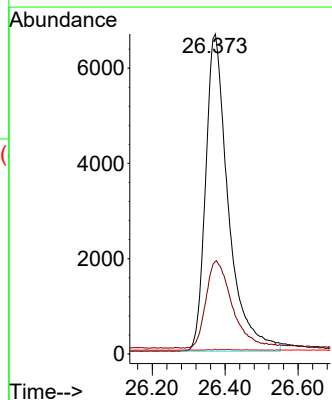
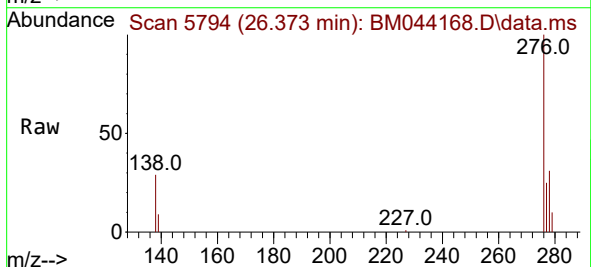
Tgt Ion:276 Resp: 28862

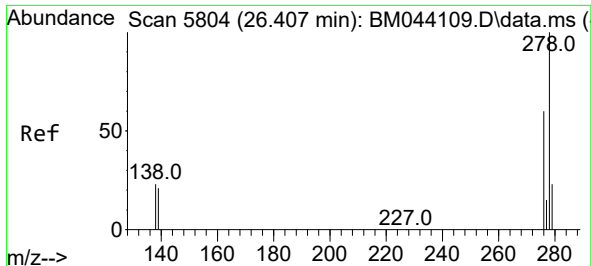
Ion Ratio Lower Upper

276 100

138 32.2 25.2 37.8

227 0.0 0.1 0.1#

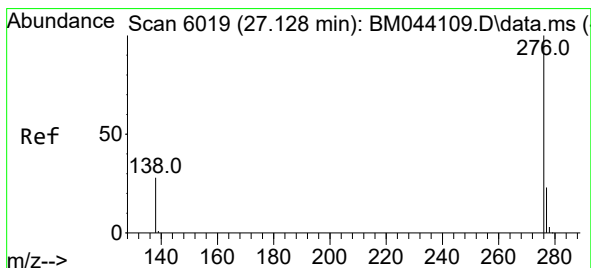
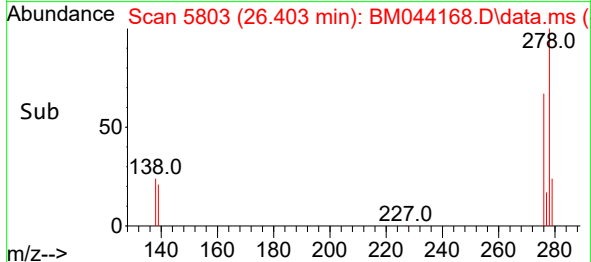
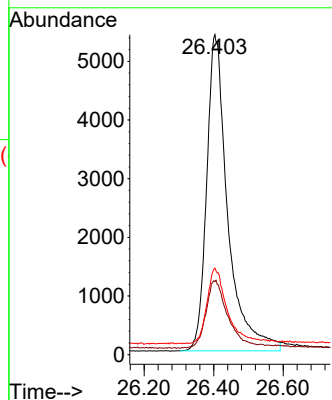
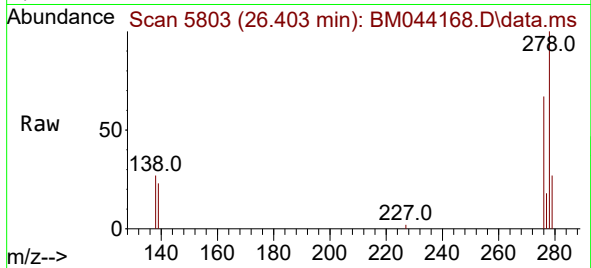




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 26.403 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BM044168.D
Acq: 17 Feb 2024 09:54

Instrument :
BNA_M
ClientSampleId :
SLCS059

Tgt Ion:278 Resp: 22781
Ion Ratio Lower Upper
278 100
139 22.8 17.8 26.8
279 27.0 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.003 min
Lab File: BM044168.D
Acq: 17 Feb 2024 09:54

Tgt Ion:276 Resp: 24860
Ion Ratio Lower Upper
276 100
138 28.9 22.7 34.1
277 24.1 19.0 28.6

