

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044170.D
 Acq On : 17 Feb 2024 11:07
 Operator : MA/JU
 Sample : PB158959BS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS959

Quant Time: Feb 18 23:56:17 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

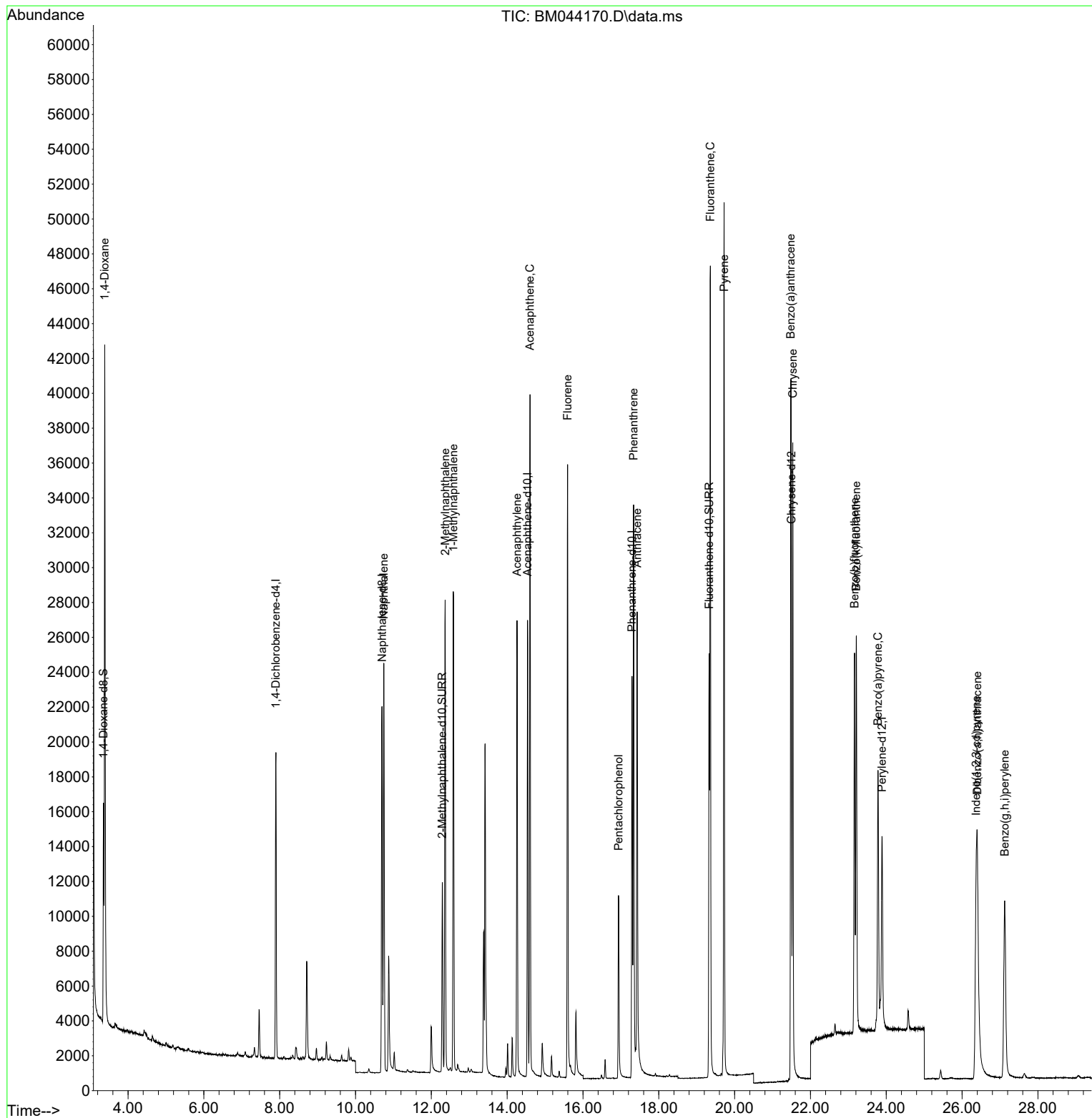
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	9012	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	28581	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.539	164	14660	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	29576	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	18326	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	16823	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	8520	0.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	14734	0.368	ng/ul	-0.01
18) Fluoranthene-d10	19.327	212	26530	0.485	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	26353	2.066	ng/ul#	75
5) Naphthalene	10.748	128	32427	0.382	ng/ul	98
7) 2-Methylnaphthalene	12.365	142	20295	0.387	ng/ul	100
8) 1-Methylnaphthalene	12.585	142	19692	0.371	ng/ul	99
10) Acenaphthylene	14.261	152	31425	0.390	ng/ul	99
11) Acenaphthene	14.604	153	22255	0.381	ng/ul	99
12) Fluorene	15.594	166	24334	0.370	ng/ul	99
14) Pentachlorophenol	16.938	266	7858	0.742	ng/ul	99
15) Phenanthrene	17.335	178	37361	0.399	ng/ul	100
16) Anthracene	17.428	178	36260	0.391	ng/ul	100
19) Fluoranthene	19.360	202	41890	0.501	ng/ul	99
20) Pyrene	19.722	202	42757	0.487	ng/ul	98
21) Benzo(a)anthracene	21.481	228	32956	0.393	ng/ul	100
22) Chrysene	21.534	228	35540	0.393	ng/ul	100
24) Benzo(b)fluoranthene	23.162	252	29268	0.422	ng/ul	99
25) Benzo(k)fluoranthene	23.212	252	31726	0.421	ng/ul	97
26) Benzo(a)pyrene	23.782	252	25372	0.393	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.372	276	28716	0.349	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.402	278	22736	0.351	ng/ul	98
29) Benzo(g,h,i)perylene	27.123	276	24733	0.340	ng/ul	99

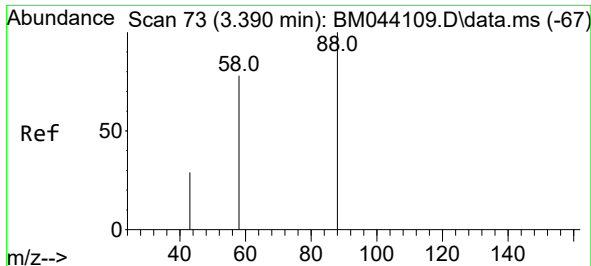
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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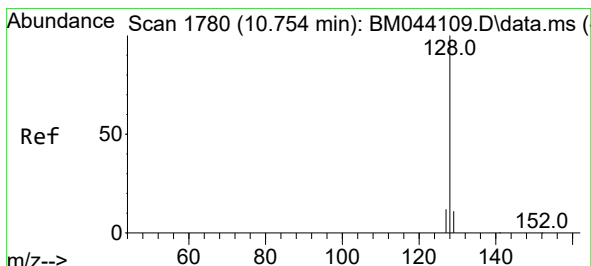
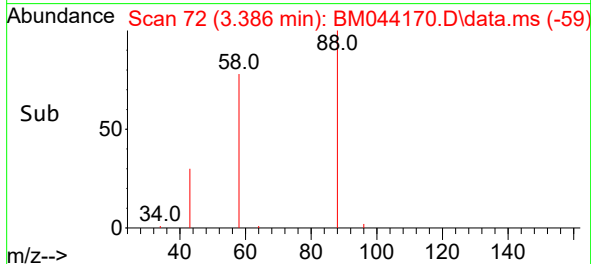
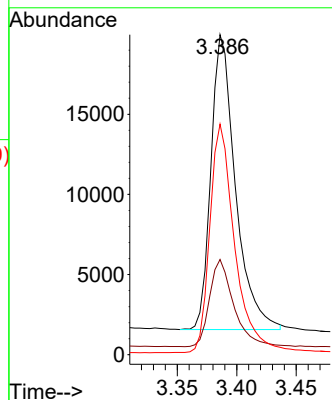
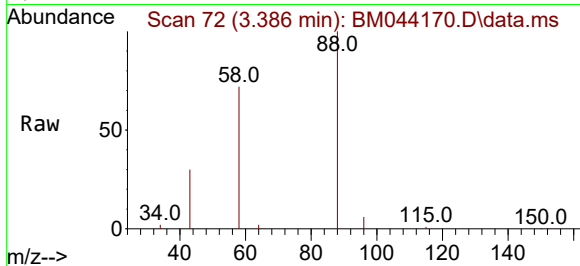




#2
1,4-Dioxane
Concen: 2.066 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

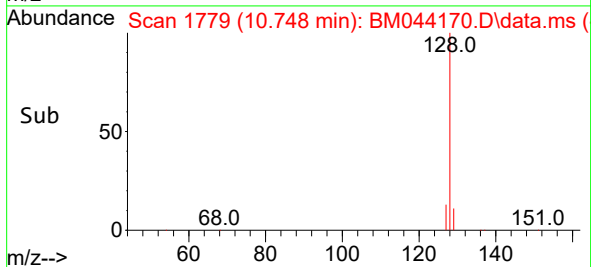
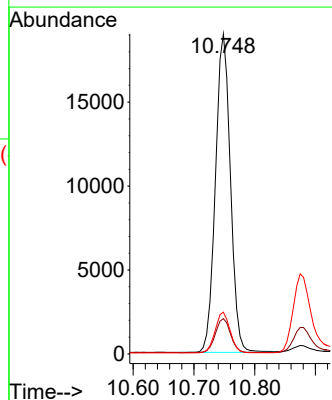
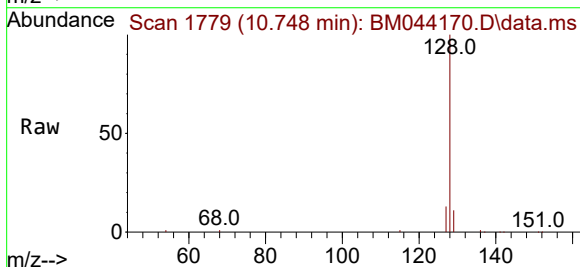
Instrument :
BNA_M
ClientSampleId :
SLCS959

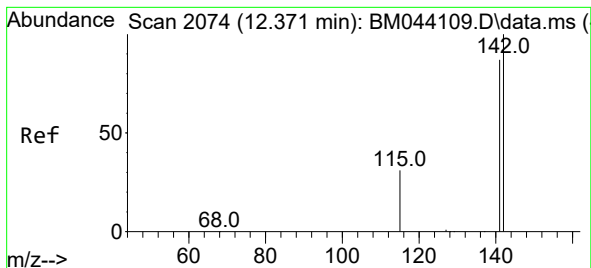
Tgt Ion: 88 Resp: 26353
Ion Ratio Lower Upper
88 100
43 29.7 32.2 48.2#
58 72.0 40.6 60.8#



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion: 128 Resp: 32427
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.0 10.7 16.1

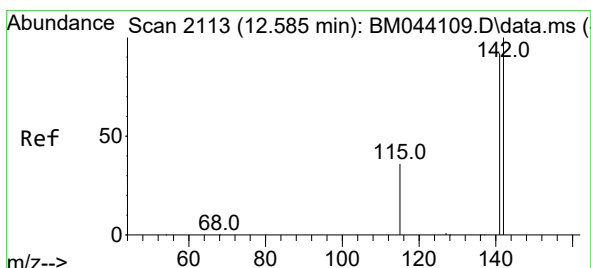
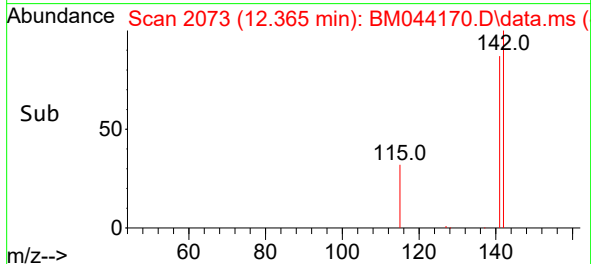
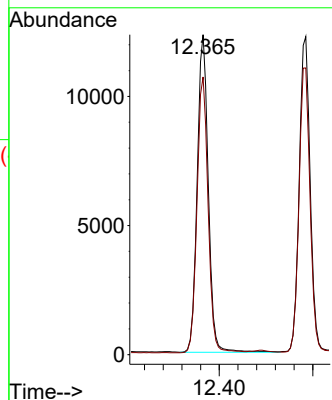
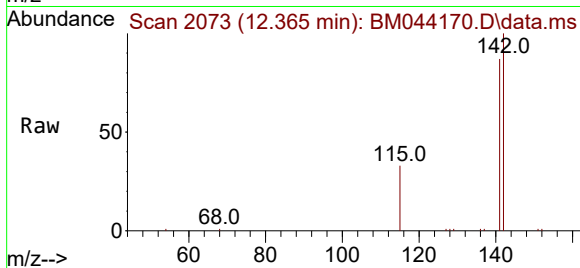




#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

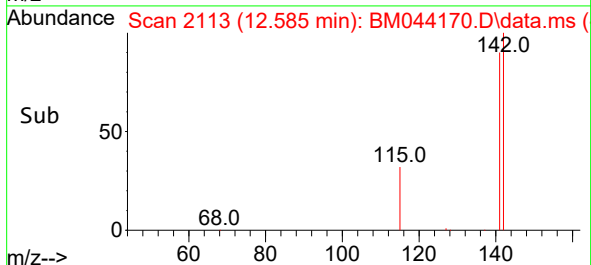
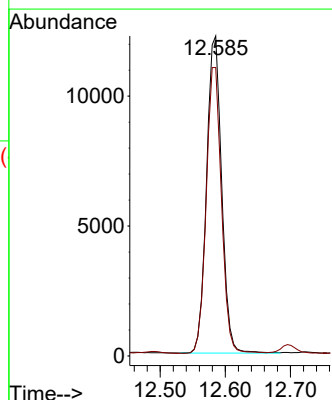
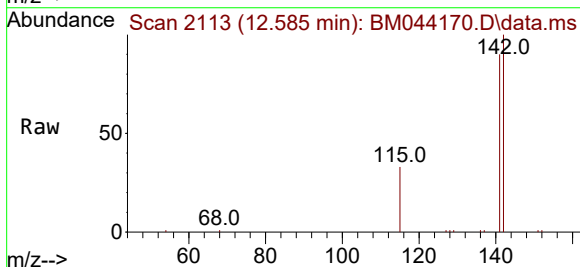
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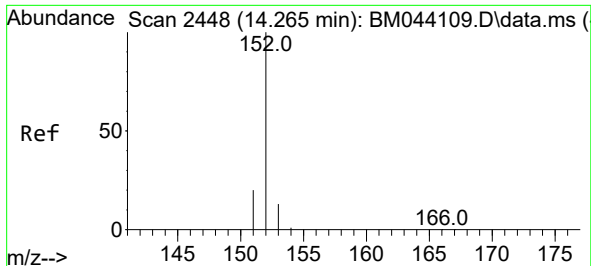
Tgt Ion:142 Resp: 20295
Ion Ratio Lower Upper
142 100
141 87.1 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:142 Resp: 19692
Ion Ratio Lower Upper
142 100
141 91.2 72.5 108.7

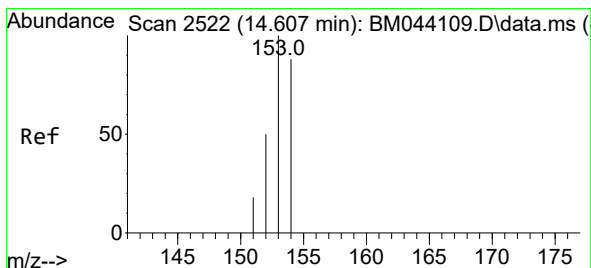
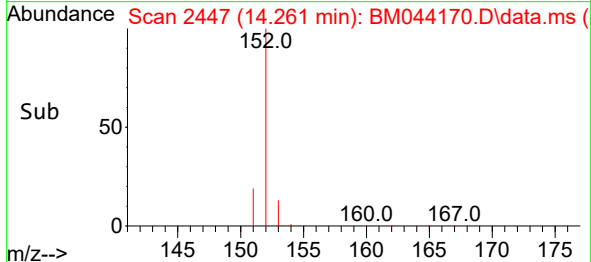
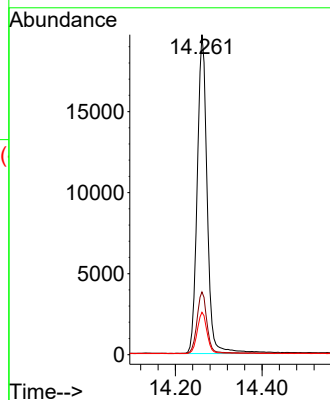
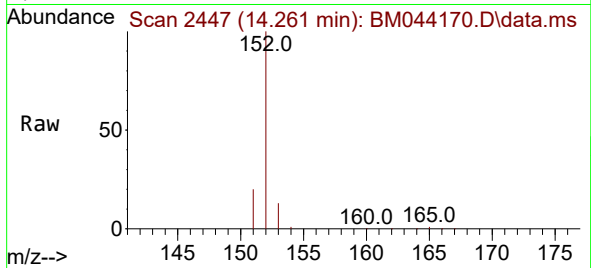




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. -0.008 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

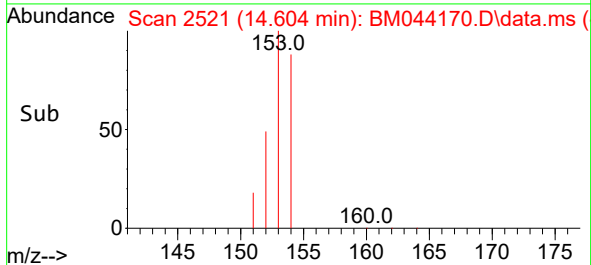
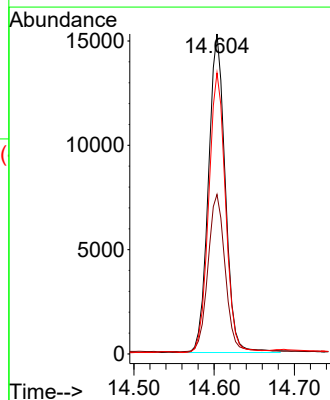
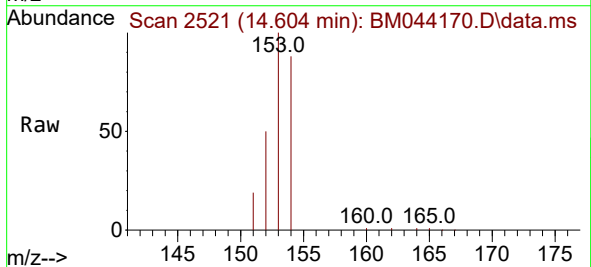
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ClientSampleId :
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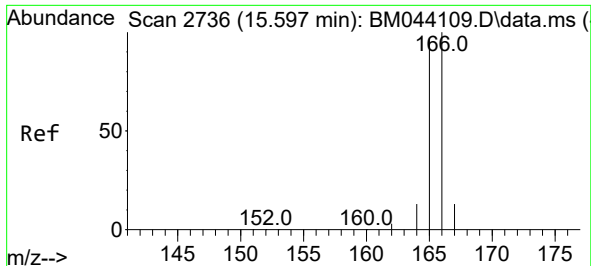
Tgt Ion:152 Resp: 31425
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.2 10.8 16.2



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.604 min Scan# 2521
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:153 Resp: 22255
Ion Ratio Lower Upper
153 100
152 49.9 40.6 61.0
154 87.9 70.1 105.1

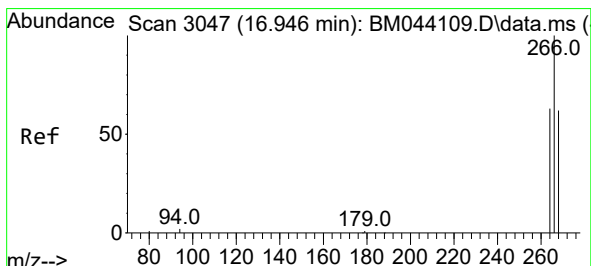
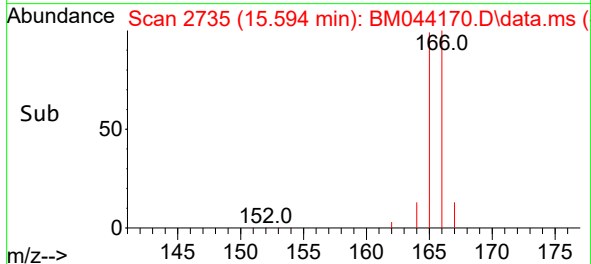
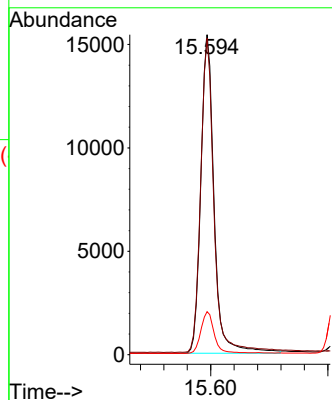
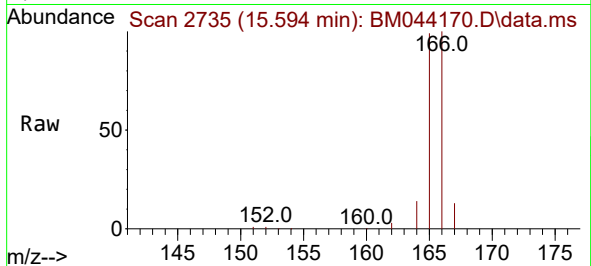




#12
Fluorene
Concen: 0.370 ng/ul
RT: 15.594 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

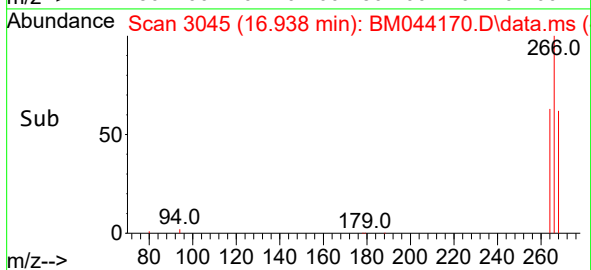
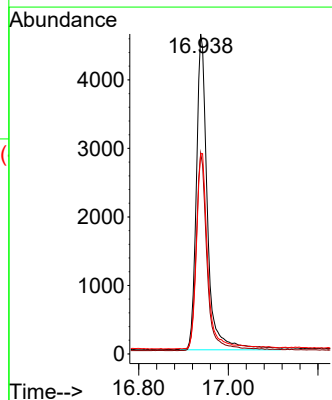
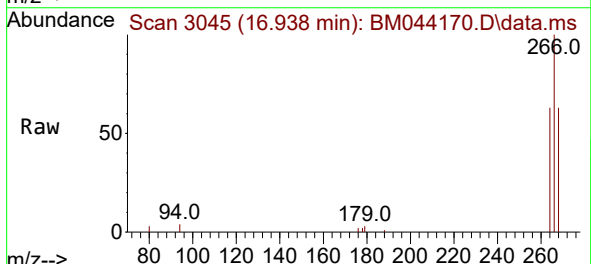
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ClientSampleId :
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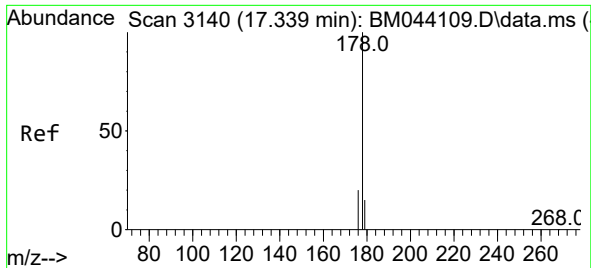
Tgt Ion:166 Resp: 24334
Ion Ratio Lower Upper
166 100
165 98.9 79.8 119.6
167 13.5 11.1 16.7



#14
Pentachlorophenol
Concen: 0.742 ng/ul
RT: 16.938 min Scan# 3045
Delta R.T. -0.007 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:266 Resp: 7858
Ion Ratio Lower Upper
266 100
264 62.6 49.4 74.0
268 64.2 52.1 78.1

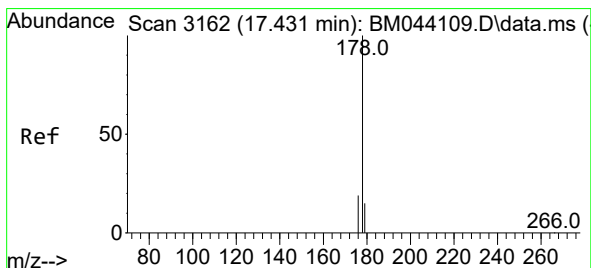
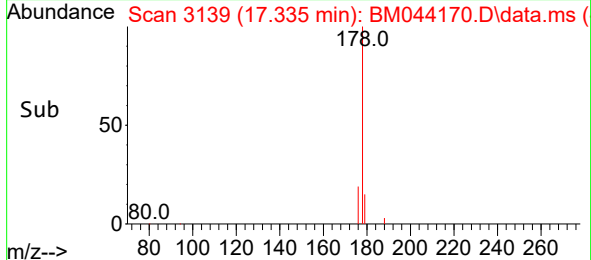
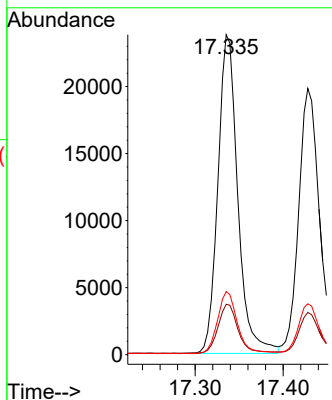
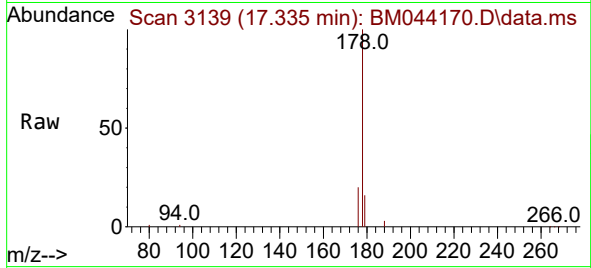




#15
Phenanthrene
Concen: 0.399 ng/ul
RT: 17.335 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

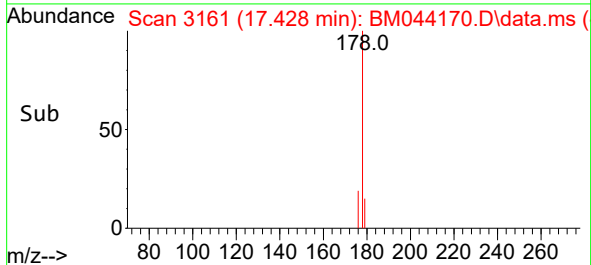
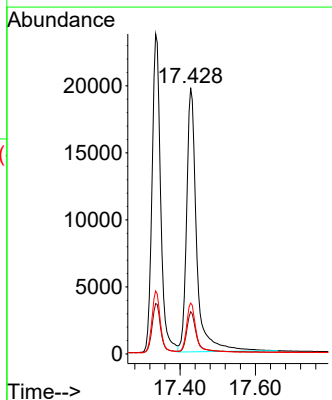
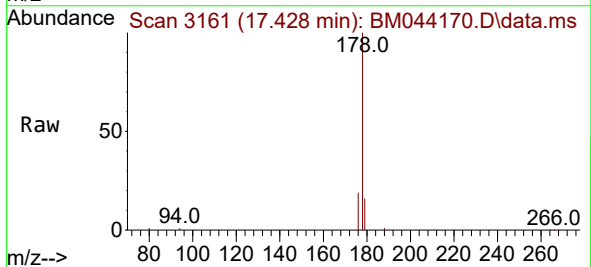
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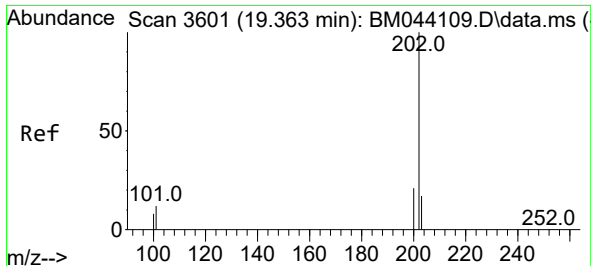
Tgt Ion:178 Resp: 37361
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.7 16.0 24.0



#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.007 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:178 Resp: 36260
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.1 15.3 22.9

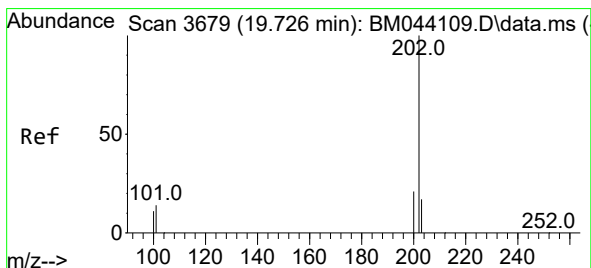
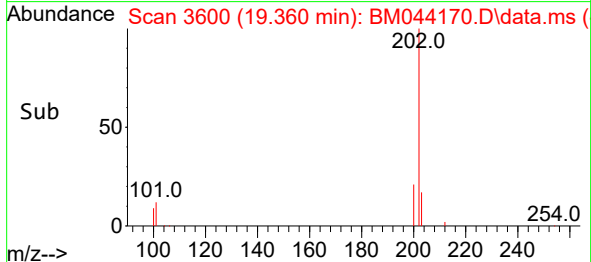
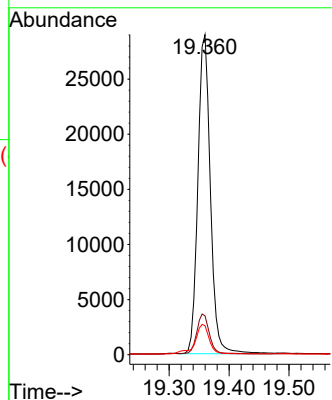
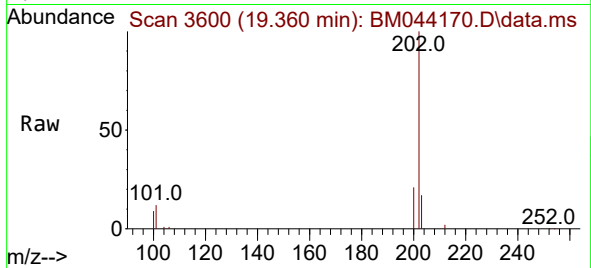




#19
Fluoranthene
Concen: 0.501 ng/ul
RT: 19.360 min Scan# 3600
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

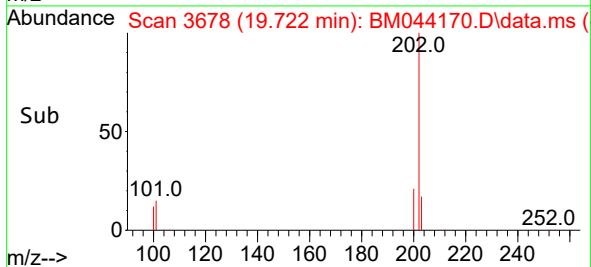
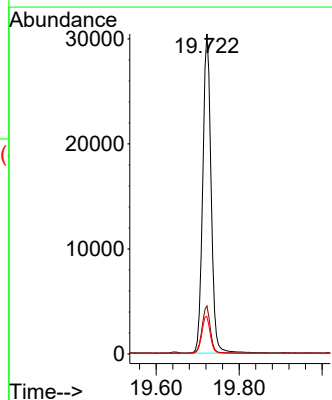
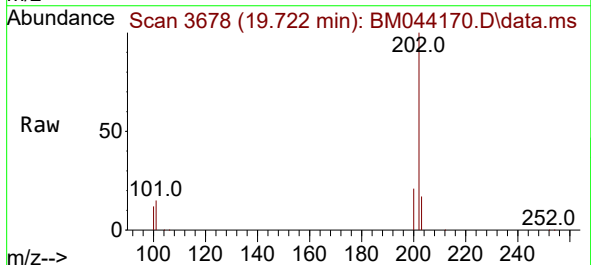
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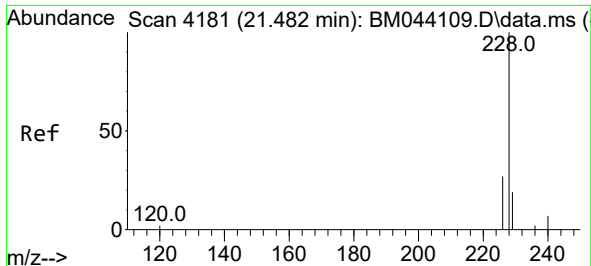
Tgt Ion:202 Resp: 41890
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.6
100 9.1 7.0 10.4



#20
Pyrene
Concen: 0.487 ng/ul
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:202 Resp: 42757
Ion Ratio Lower Upper
202 100
101 15.0 11.2 16.8
100 11.7 8.6 13.0

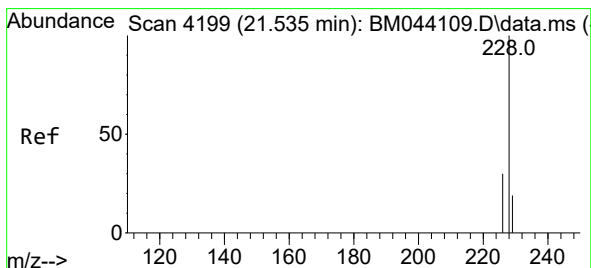
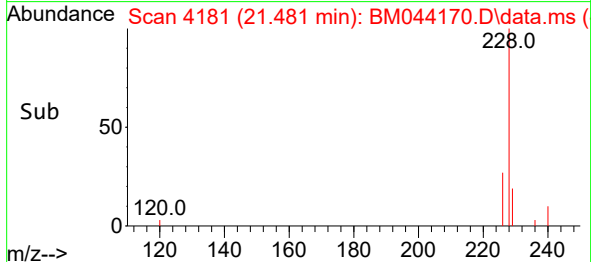
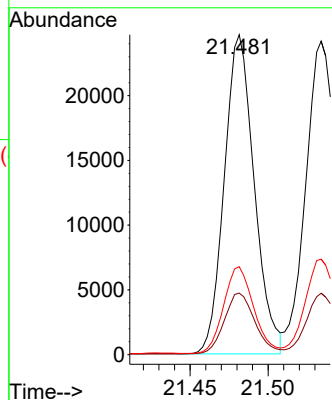
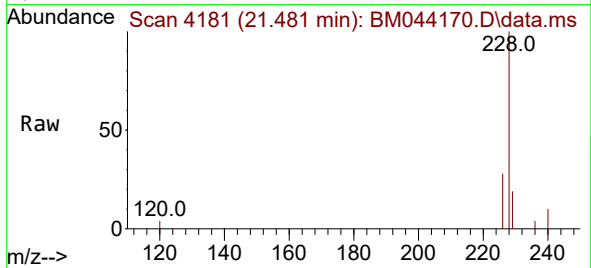




#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

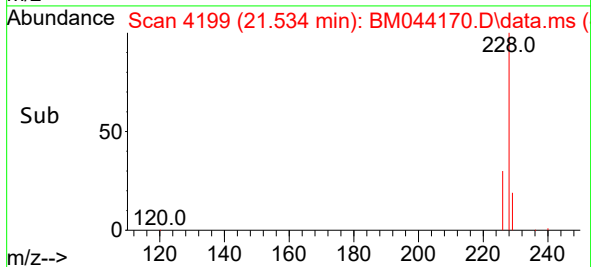
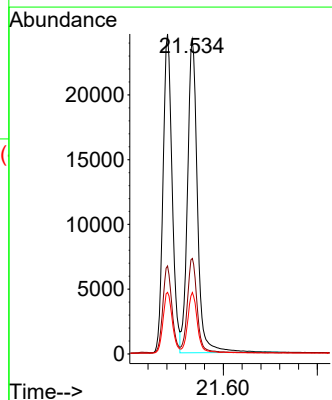
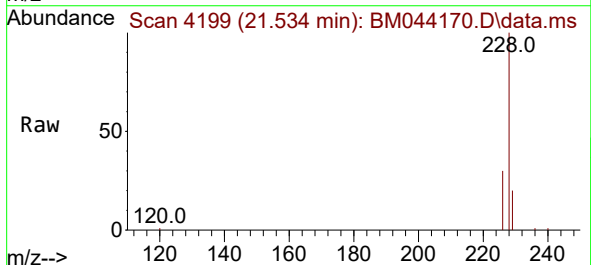
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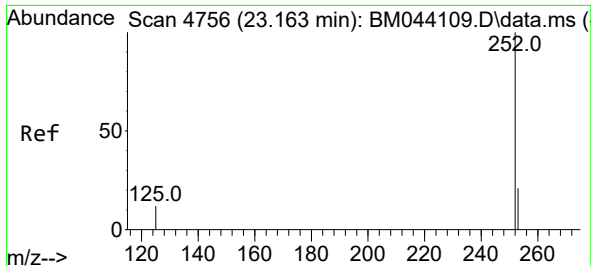
Tgt Ion:228 Resp: 32956
Ion Ratio Lower Upper
228 100
229 19.2 15.4 23.2
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.534 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:228 Resp: 35540
Ion Ratio Lower Upper
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226 30.5 24.2 36.2
229 19.6 15.8 23.6

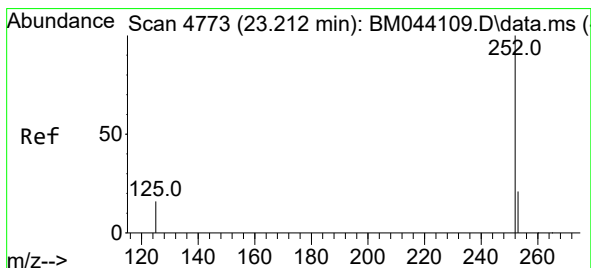
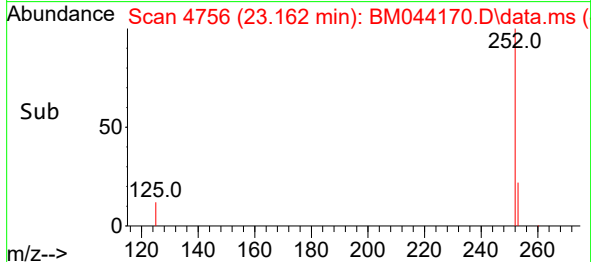
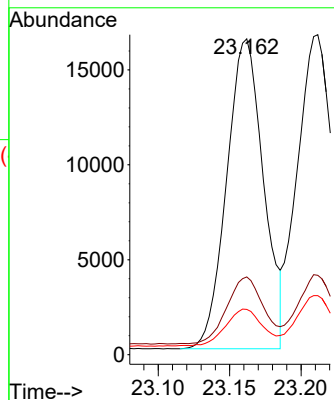
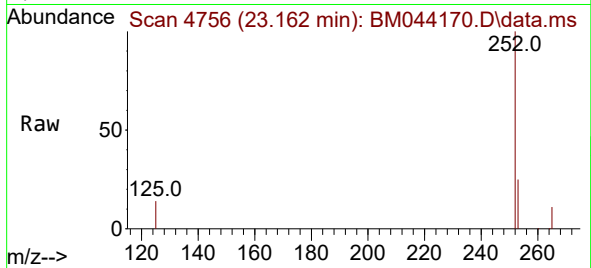




#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul
RT: 23.162 min Scan# 4756
Delta R.T. -0.001 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

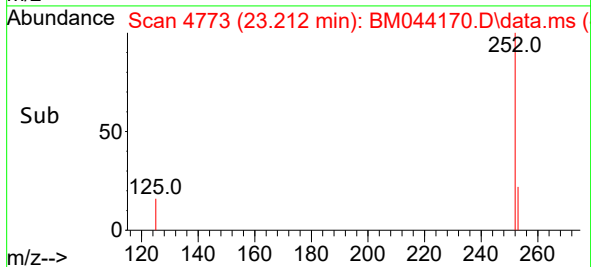
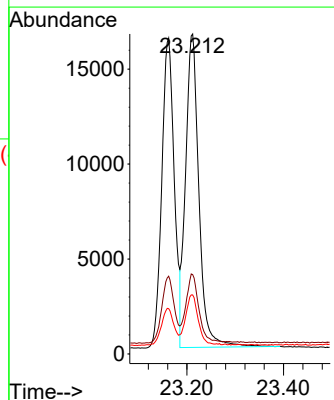
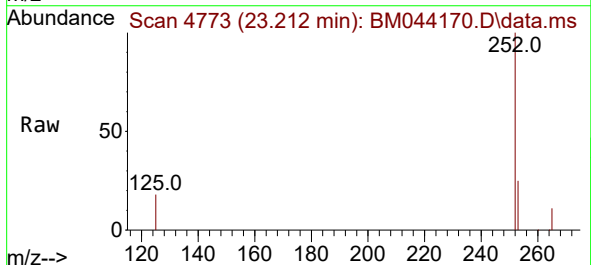
Instrument :
BNA_M
ClientSampleId :
SLCS959

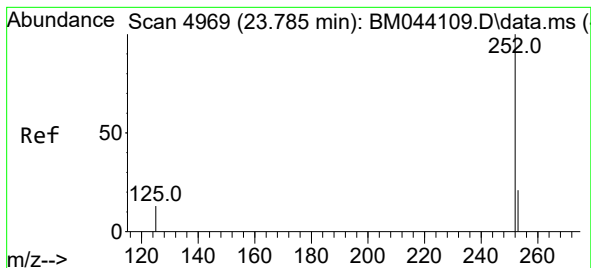
Tgt Ion:252 Resp: 29268
Ion Ratio Lower Upper
252 100
253 24.6 0.0 50.0
125 14.3 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 23.212 min Scan# 4773
Delta R.T. -0.001 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:252 Resp: 31726
Ion Ratio Lower Upper
252 100
253 24.8 20.1 30.1
125 18.4 12.3 18.5





#26

Benzo(a)pyrene

Concen: 0.393 ng/ul

RT: 23.782 min Scan# 4969

Delta R.T. -0.004 min

Lab File: BM044170.D

Acq: 17 Feb 2024 11:07

Instrument :

BNA_M

ClientSampleId :

SLCS959

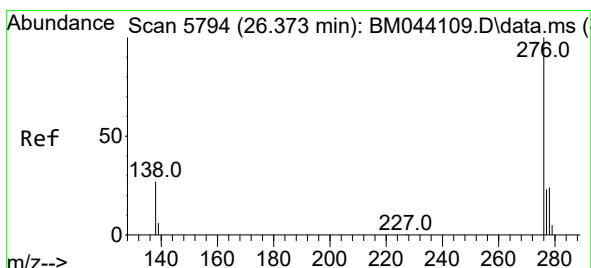
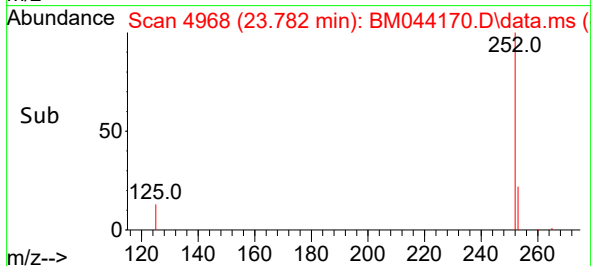
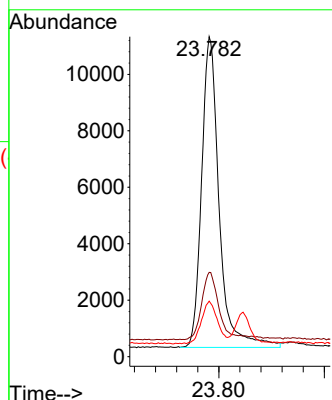
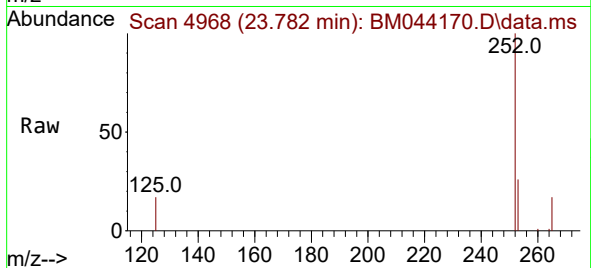
Tgt Ion:252 Resp: 25372

Ion Ratio Lower Upper

252 100

253 26.3 21.4 32.2

125 17.4 13.3 19.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.349 ng/ul

RT: 26.372 min Scan# 5794

Delta R.T. 0.003 min

Lab File: BM044170.D

Acq: 17 Feb 2024 11:07

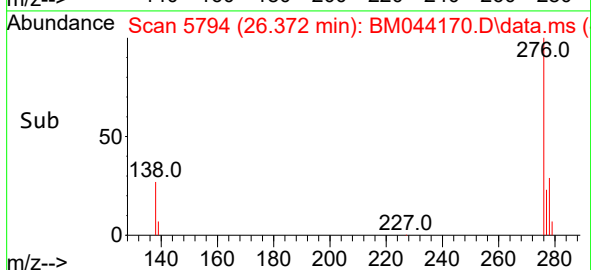
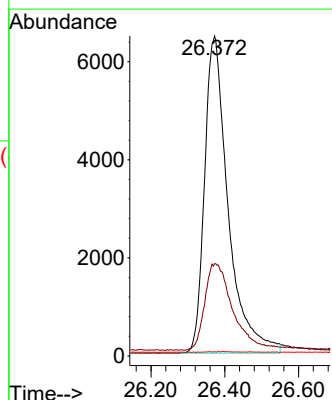
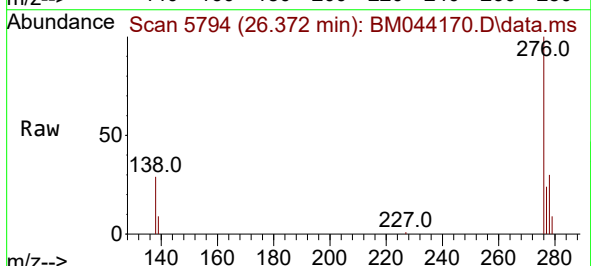
Tgt Ion:276 Resp: 28716

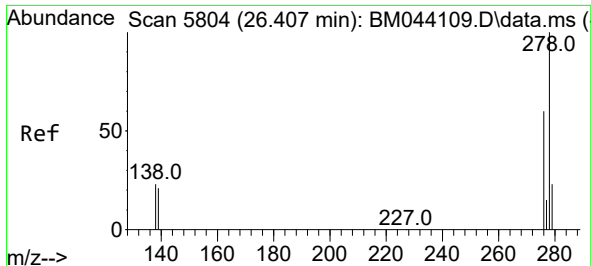
Ion Ratio Lower Upper

276 100

138 32.5 25.2 37.8

227 0.0 0.1 0.1

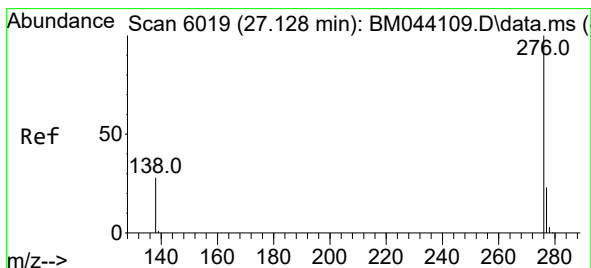
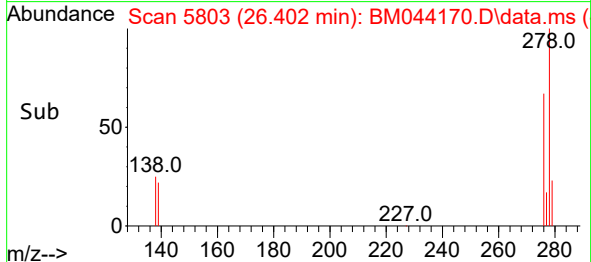
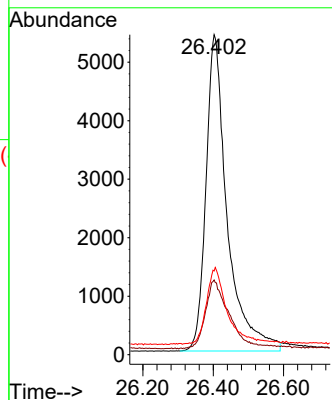
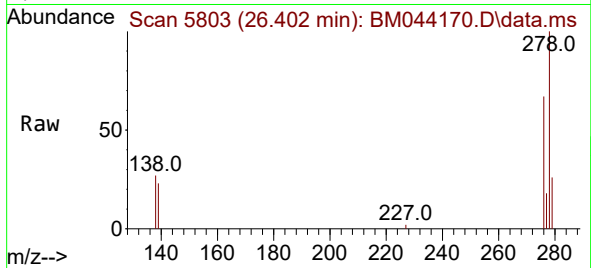




#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 26.402 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Instrument :
BNA_M
ClientSampleId :
SLCS959

Tgt Ion:278 Resp: 22736
Ion Ratio Lower Upper
278 100
139 23.4 17.8 26.8
279 26.1 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 27.123 min Scan# 6018
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:276 Resp: 24733
Ion Ratio Lower Upper
276 100
138 28.1 22.7 34.1
277 24.2 19.0 28.6

