

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039350.D
 Acq On : 07 Apr 2023 12:33
 Operator : CG/JU
 Sample : PB151871BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS871

Quant Time: Apr 07 23:13:04 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 23:05:01 2023
 Response via : Initial Calibration

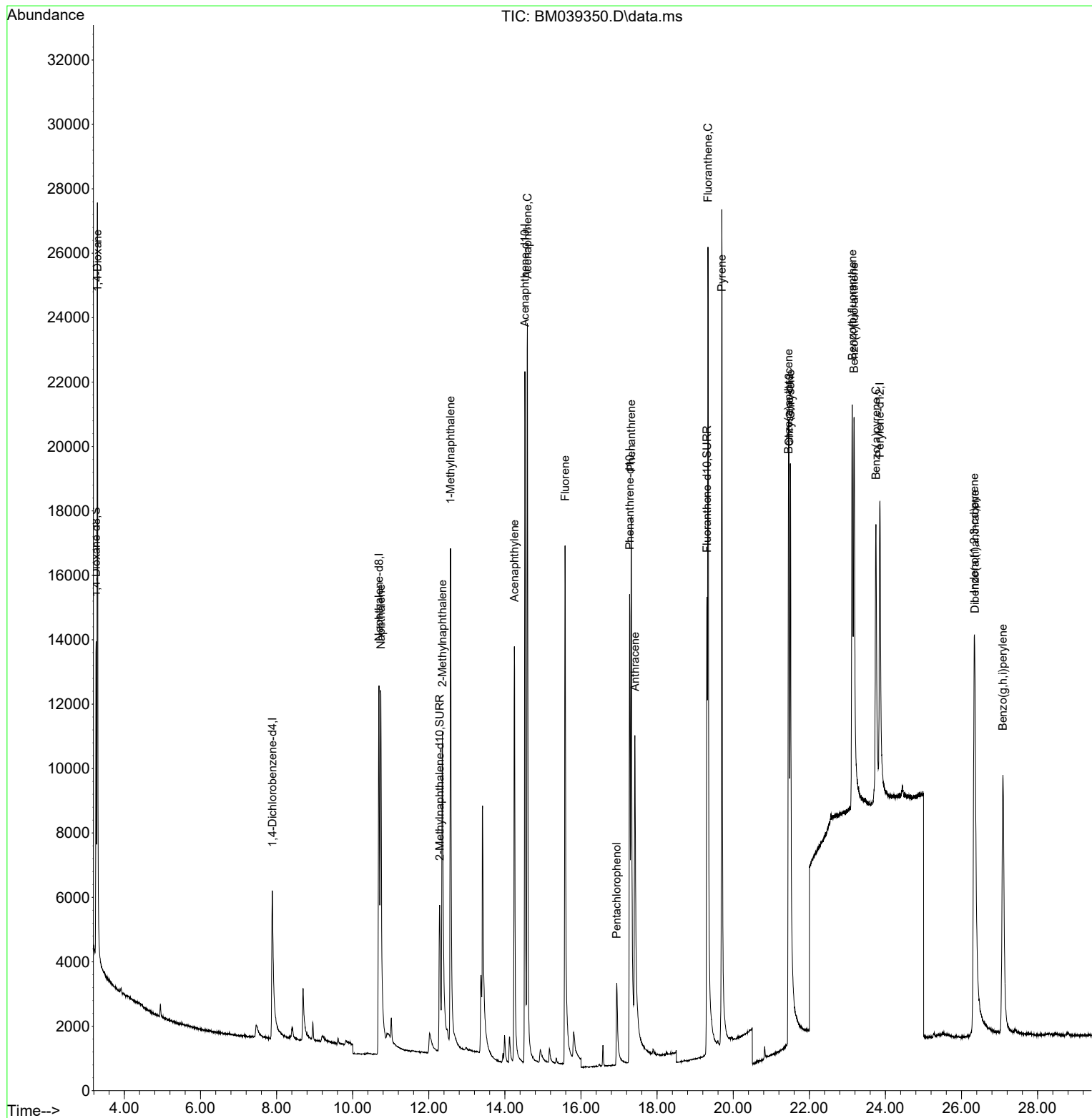
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	5214	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	23803	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	13365	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	22745	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	15629	0.400	ng/ul #	0.00
23) Perylene-d12	23.854	264	15374	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	6036	0.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	10862	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.311	212	20668	0.424	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.292	88	14926	1.444	ng/ul#	75
5) Naphthalene	10.741	128	20694	0.365	ng/ul	99
7) 2-Methylnaphthalene	12.357	142	11989	0.377	ng/ul	99
8) 1-Methylnaphthalene	12.572	142	13151	0.365	ng/ul	99
10) Acenaphthylene	14.250	152	19028	0.367	ng/ul	99
11) Acenaphthene	14.592	153	15026	0.368	ng/ul	99
12) Fluorene	15.582	166	15343	0.377	ng/ul	99
14) Pentachlorophenol	16.940	266	3011	0.555	ng/ul#	82
15) Phenanthrene	17.320	178	21851	0.346	ng/ul	99
16) Anthracene	17.417	178	17281	0.360	ng/ul	97
19) Fluoranthene	19.338	202	25779	0.398	ng/ul	99
20) Pyrene	19.701	202	28459	0.384	ng/ul	99
21) Benzo(a)anthracene	21.451	228	16798	0.466	ng/ul	100
22) Chrysene	21.504	228	19382	0.439	ng/ul	99
24) Benzo(b)fluoranthene	23.129	252	18866	0.387	ng/ul	98
25) Benzo(k)fluoranthene	23.176	252	19836	0.427	ng/ul	97
26) Benzo(a)pyrene	23.752	252	18240	0.371	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.334	276	23968	0.387	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.351	278	17898	0.413	ng/ul	95
29) Benzo(g,h,i)perylene	27.088	276	21387	0.360	ng/ul	100

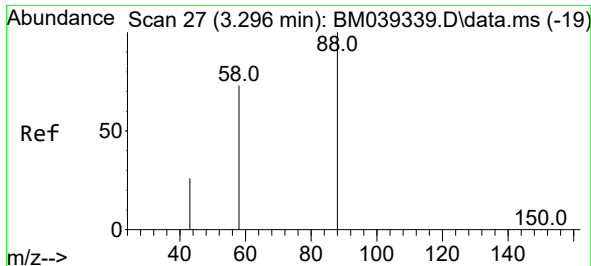
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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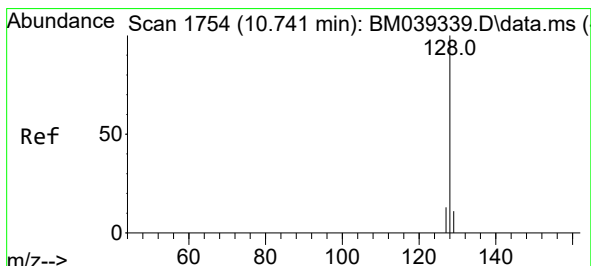
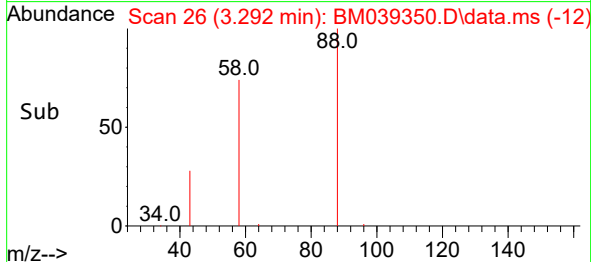
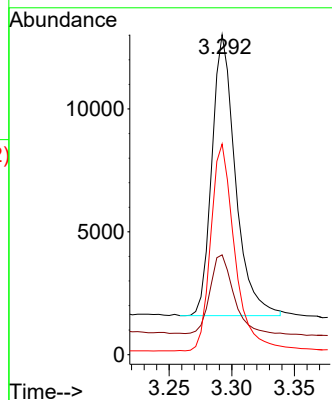
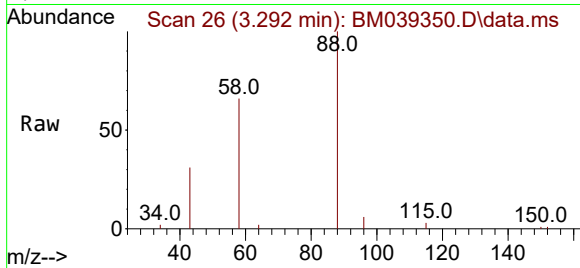




#2
1,4-Dioxane
Concen: 1.444 ng/ul
RT: 3.292 min Scan# 219
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

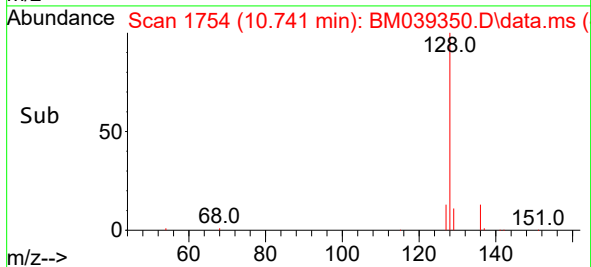
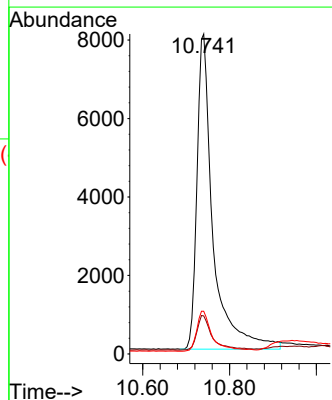
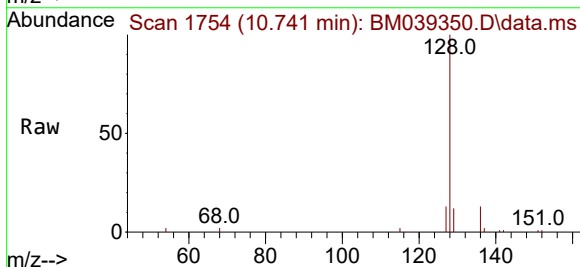
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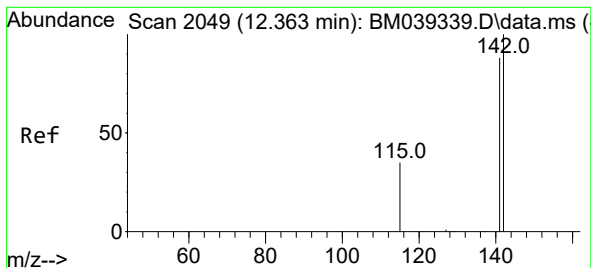
Tgt Ion: 88 Resp: 14926
Ion Ratio Lower Upper
88 100
43 31.2 30.6 45.8
58 65.8 34.1 51.1#



#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

Tgt Ion: 128 Resp: 20694
Ion Ratio Lower Upper
128 100
129 11.9 10.1 15.1
127 13.4 11.0 16.4

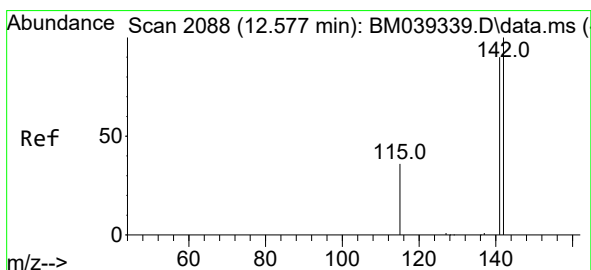
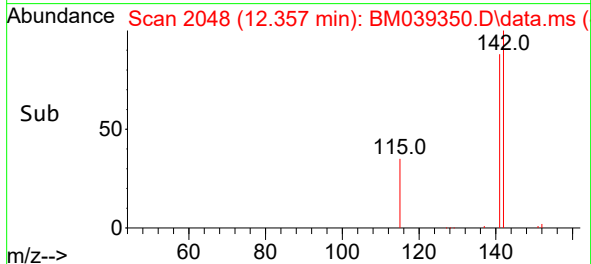
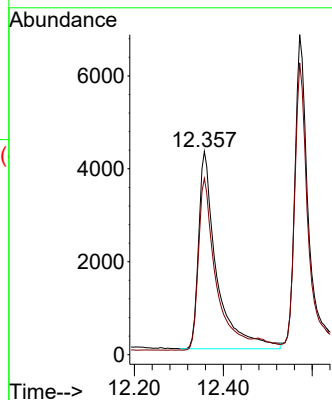
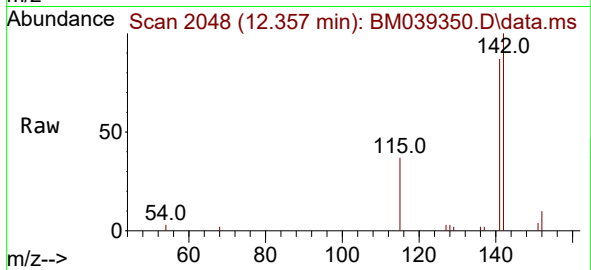




#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

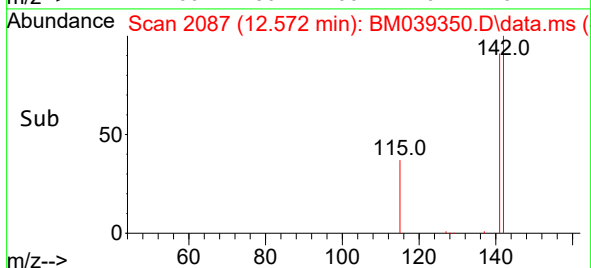
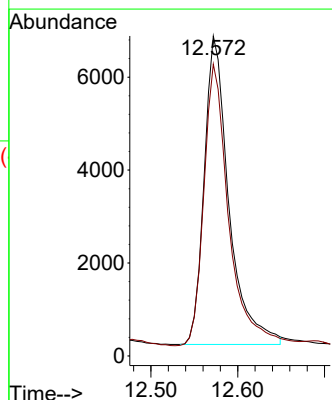
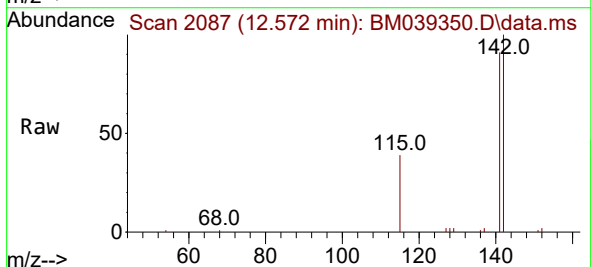
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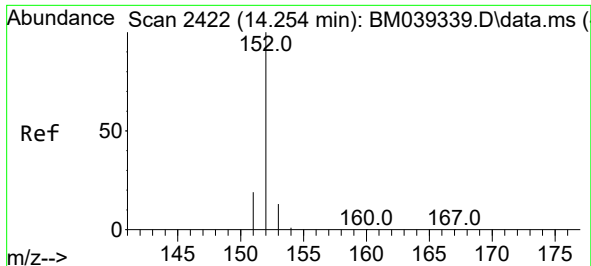
Tgt Ion:142 Resp: 11989
Ion Ratio Lower Upper
142 100
141 90.3 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

Tgt Ion:142 Resp: 13151
Ion Ratio Lower Upper
142 100
141 91.6 72.6 109.0

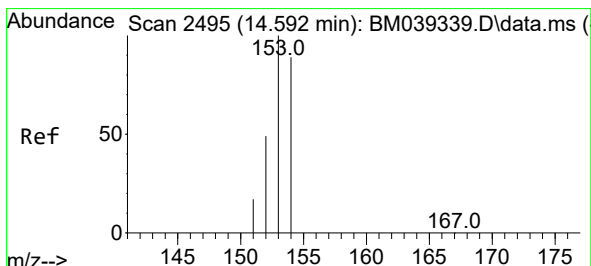
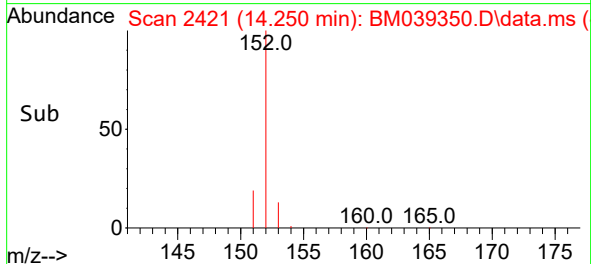
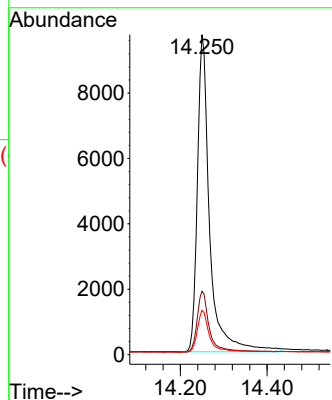
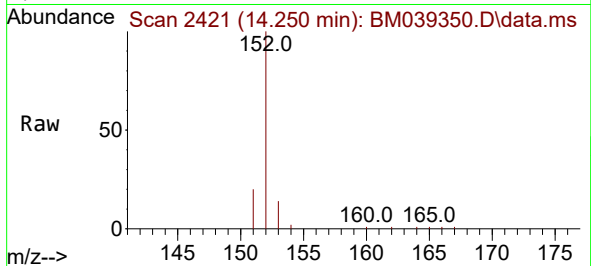




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

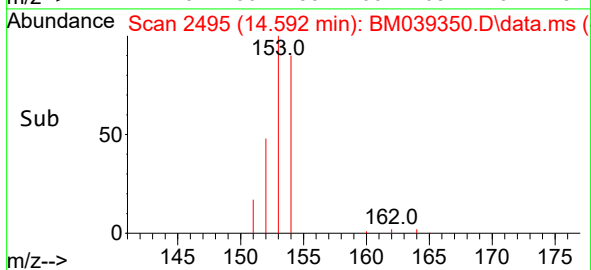
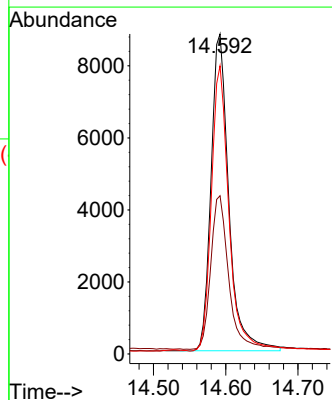
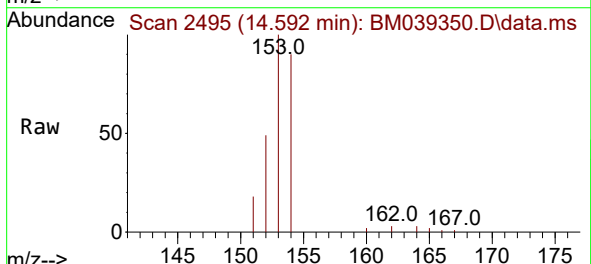
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ClientSampleId :
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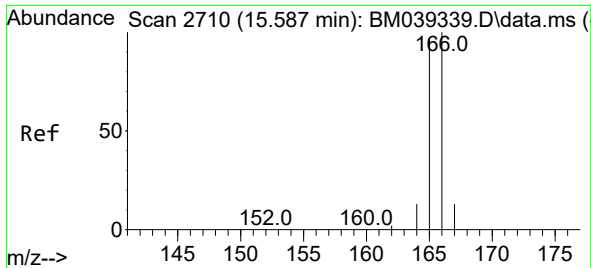
Tgt Ion:152 Resp: 19028
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.9 11.6 17.4



#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.592 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

Tgt Ion:153 Resp: 15026
Ion Ratio Lower Upper
153 100
152 49.5 40.3 60.5
154 90.1 71.5 107.3

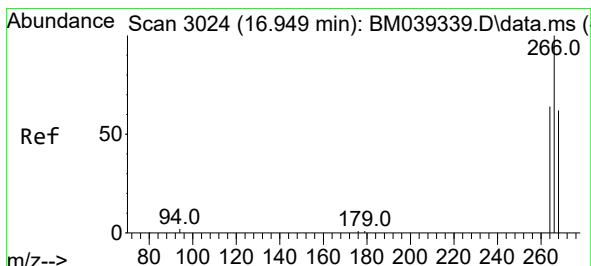
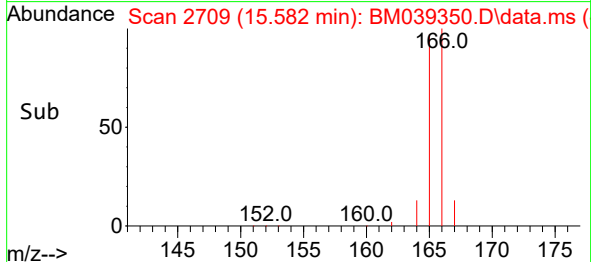
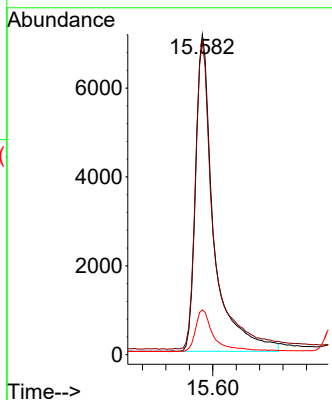
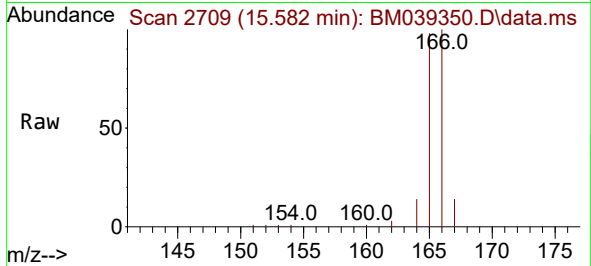




#12
 Fluorene
 Concen: 0.377 ng/ul
 RT: 15.582 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039350.D
 Acq: 07 Apr 2023 12:33

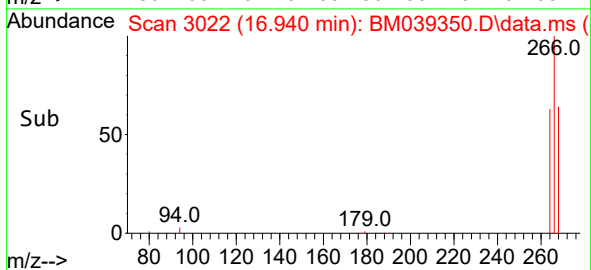
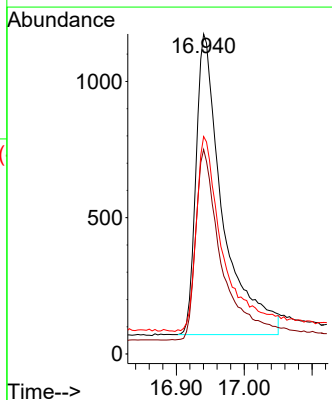
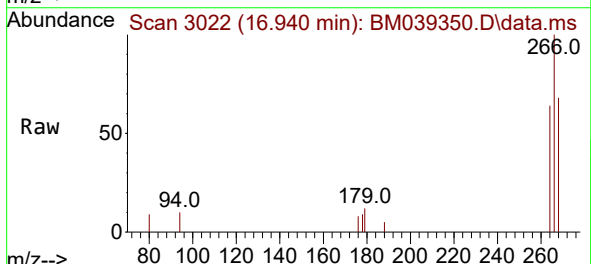
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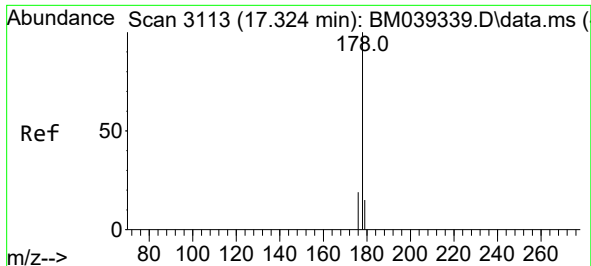
Tgt Ion:166 Resp: 15343
 Ion Ratio Lower Upper
 166 100
 165 97.8 77.8 116.8
 167 14.0 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.555 ng/ul
 RT: 16.940 min Scan# 3022
 Delta R.T. -0.000 min
 Lab File: BM039350.D
 Acq: 07 Apr 2023 12:33

Tgt Ion:266 Resp: 3011
 Ion Ratio Lower Upper
 266 100
 264 62.6 39.6 59.4#
 268 65.0 42.4 63.6#

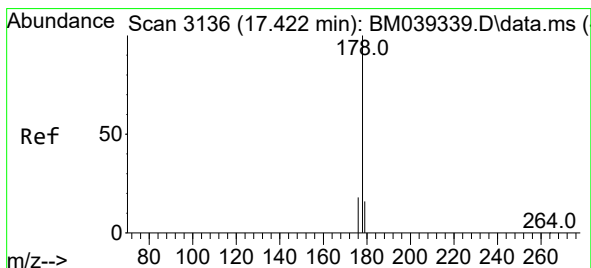
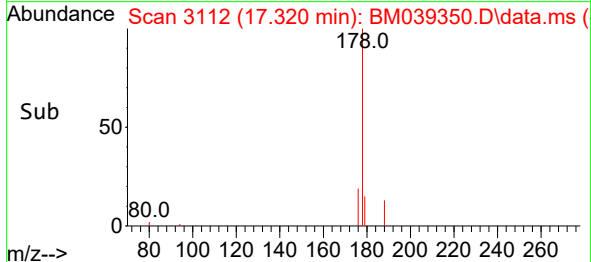
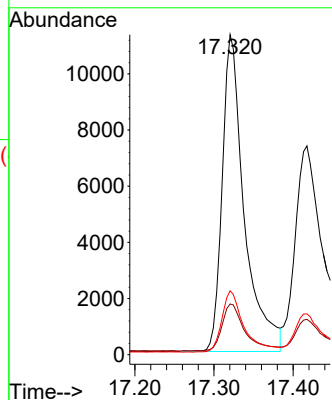
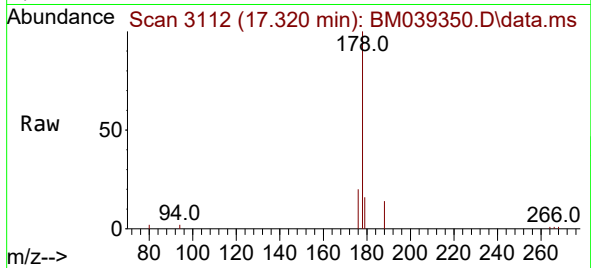




#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.320 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

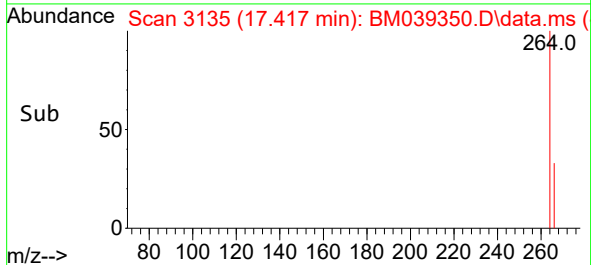
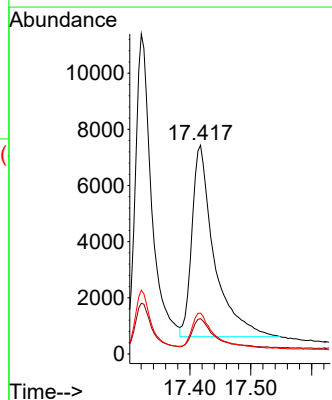
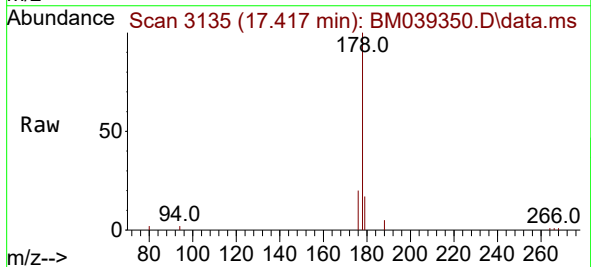
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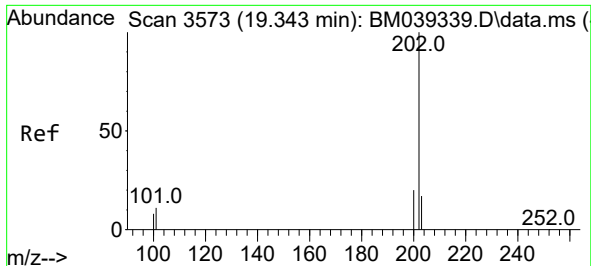
Tgt Ion:178 Resp: 21851
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.2
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

Tgt Ion:178 Resp: 17281
Ion Ratio Lower Upper
178 100
179 16.9 14.6 21.8
176 19.5 16.6 24.8

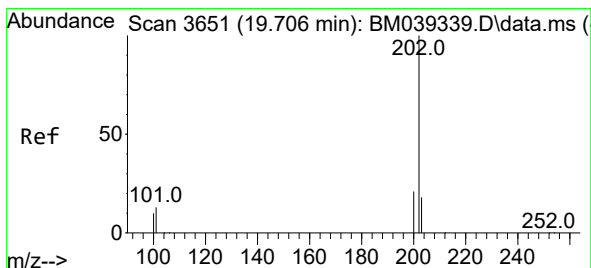
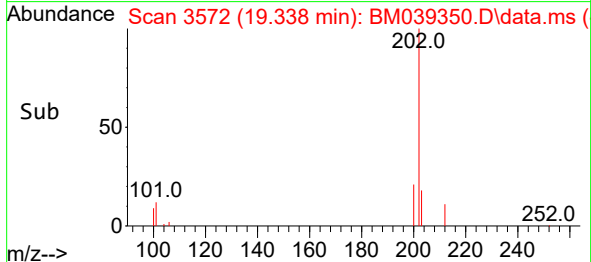
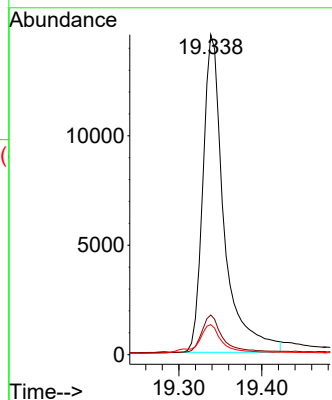
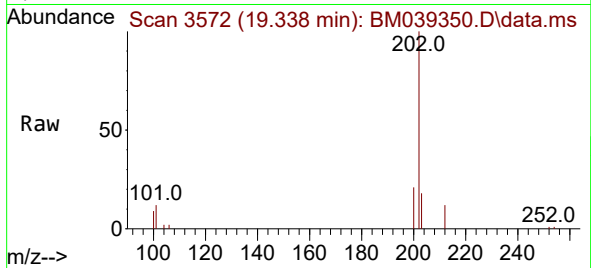




#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 19.338 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

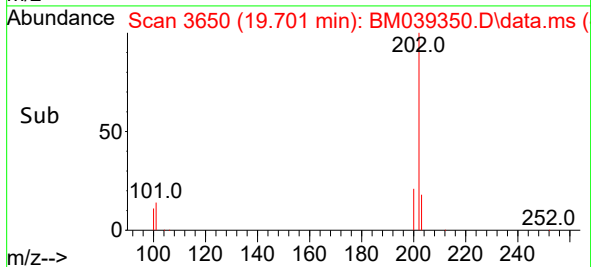
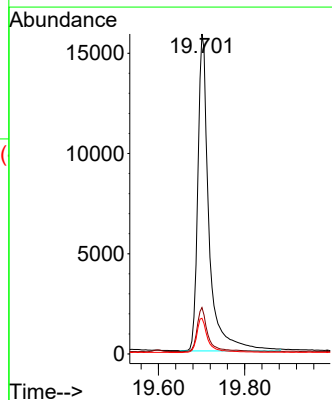
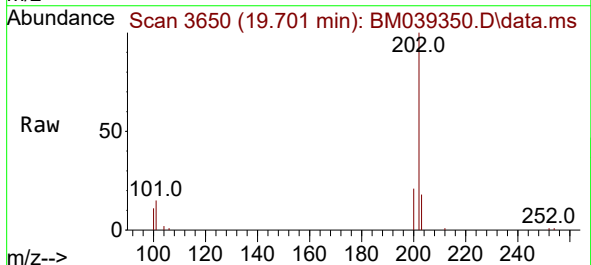
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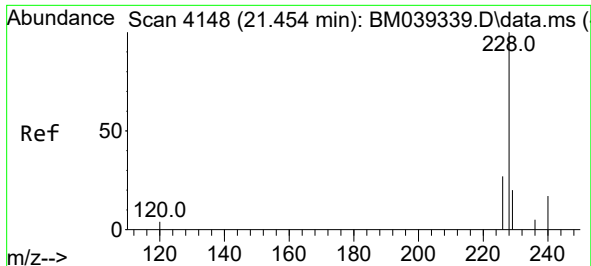
Tgt Ion:202 Resp: 25779
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.4 7.4 11.0



#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.701 min Scan# 3650
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

Tgt Ion:202 Resp: 28459
Ion Ratio Lower Upper
202 100
101 14.5 11.1 16.7
100 11.2 8.8 13.2

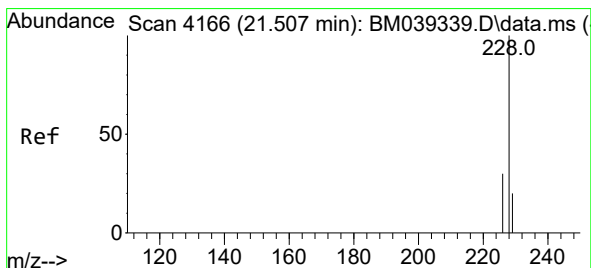
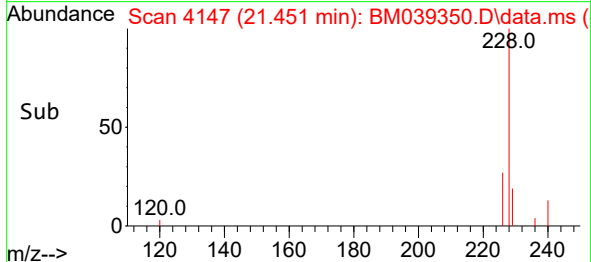
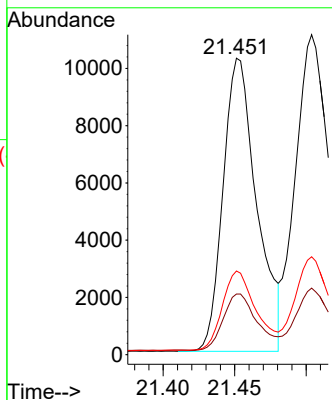
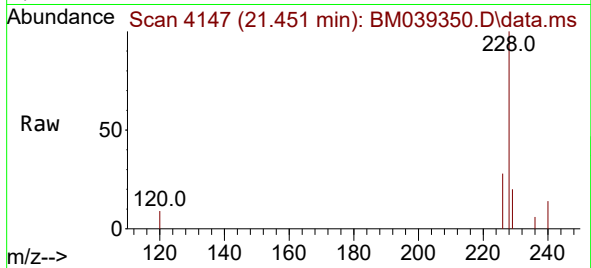




#21
Benzo(a)anthracene
Concen: 0.466 ng/ul
RT: 21.451 min Scan# 4147
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

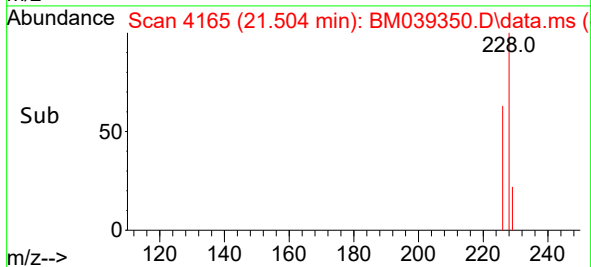
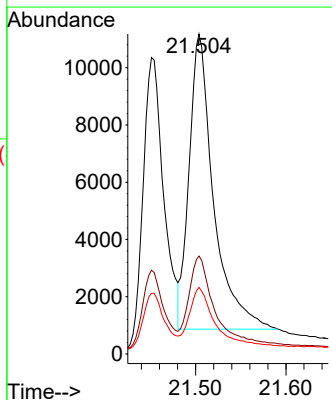
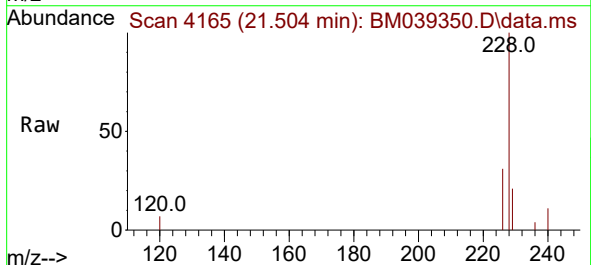
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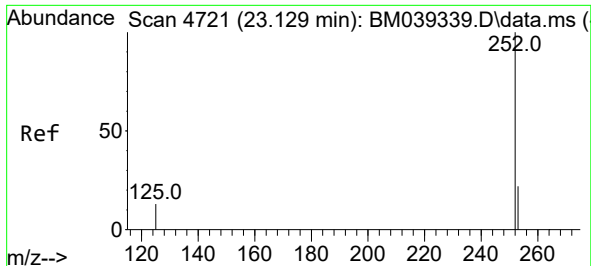
Tgt Ion:228 Resp: 16798
Ion Ratio Lower Upper
228 100
229 20.5 16.6 24.8
226 28.2 22.6 34.0



#22
Chrysene
Concen: 0.439 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.000 min
Lab File: BM039350.D
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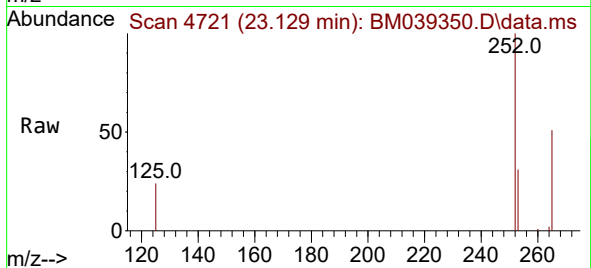
Tgt Ion:228 Resp: 19382
Ion Ratio Lower Upper
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226 30.6 24.2 36.2
229 20.8 16.2 24.4



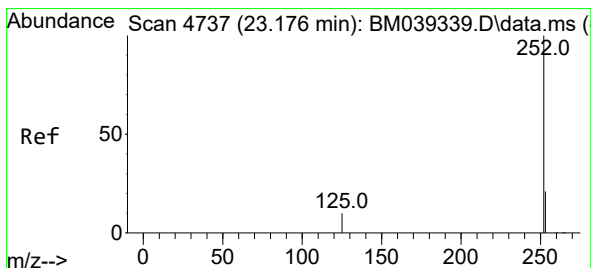
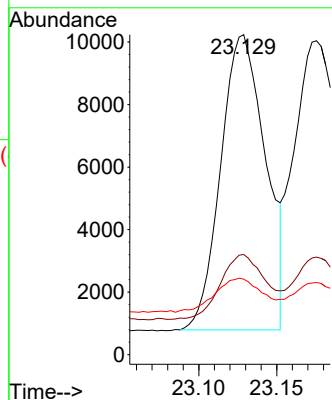
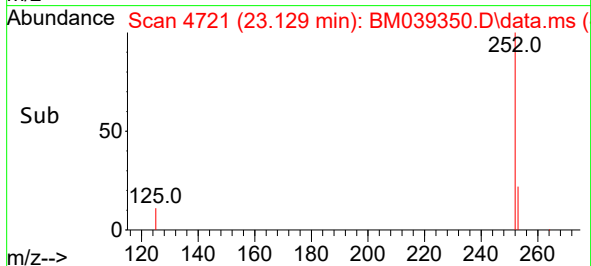


#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 23.129 min Scan# 4721
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

Instrument :
BNA_M
ClientSampleId :
SLCS871

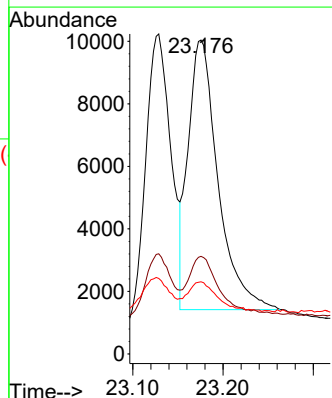
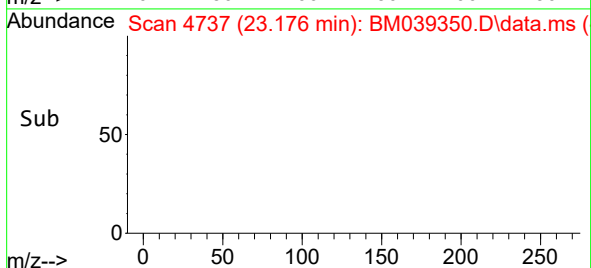
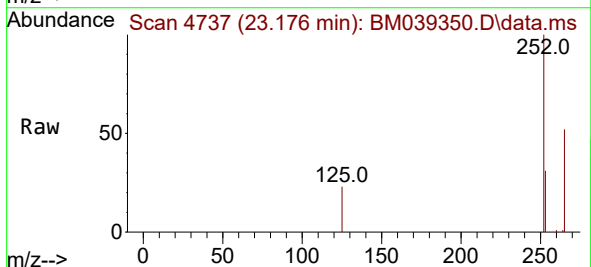


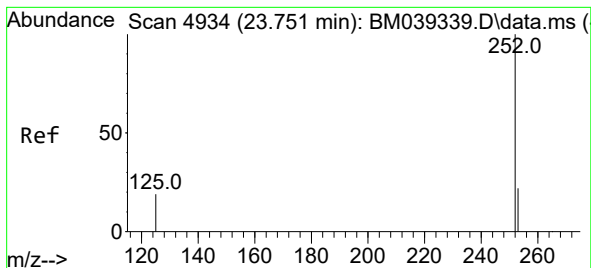
Tgt Ion:252 Resp: 18866
Ion Ratio Lower Upper
252 100
253 31.3 0.0 64.4
125 23.6 0.0 50.4



#25
Benzo(k)fluoranthene
Concen: 0.427 ng/ul
RT: 23.176 min Scan# 4737
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

Tgt Ion:252 Resp: 19836
Ion Ratio Lower Upper
252 100
253 31.1 25.5 38.3
125 23.0 20.4 30.6





#26

Benzo(a)pyrene

Concen: 0.371 ng/ul

RT: 23.752 min Scan# 4934

Delta R.T. 0.003 min

Lab File: BM039350.D

Acq: 07 Apr 2023 12:33

Instrument :

BNA_M

ClientSampleId :

SLCS871

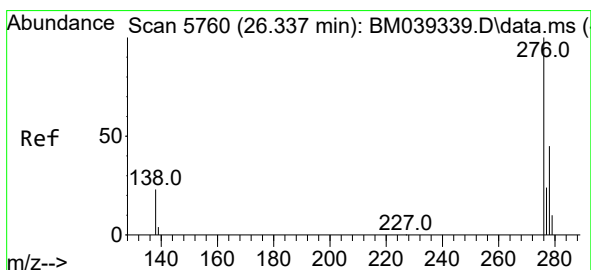
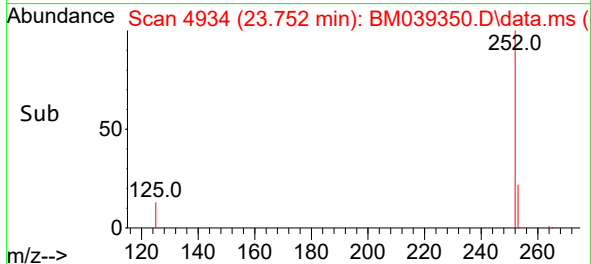
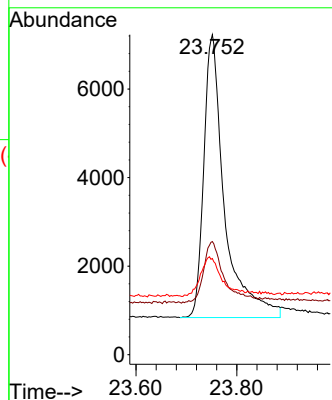
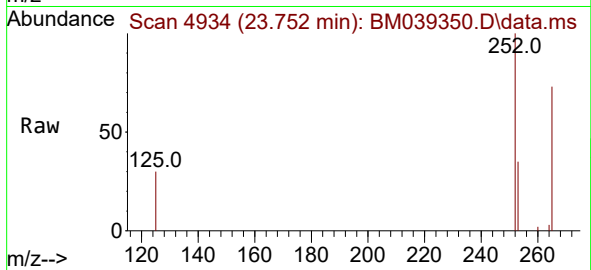
Tgt Ion:252 Resp: 18240

Ion Ratio Lower Upper

252 100

253 35.4 31.0 46.4

125 30.1 28.2 42.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng/ul

RT: 26.334 min Scan# 5759

Delta R.T. -0.003 min

Lab File: BM039350.D

Acq: 07 Apr 2023 12:33

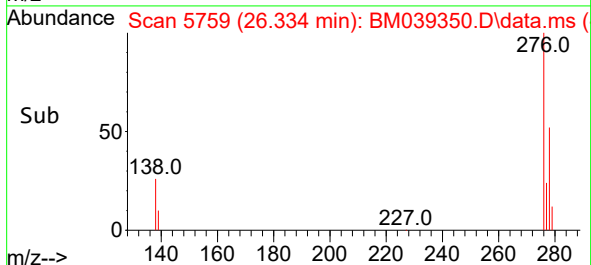
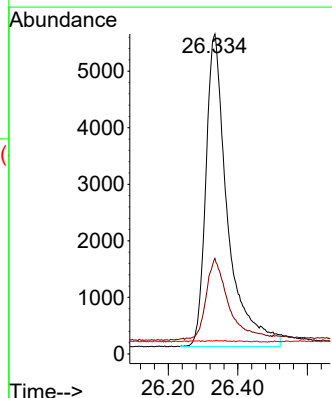
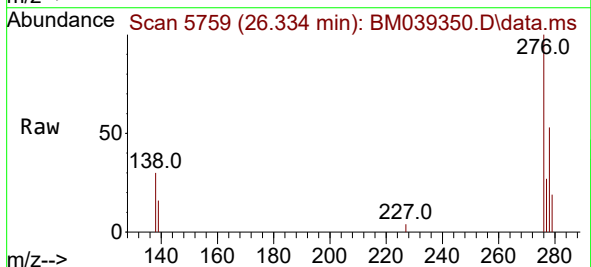
Tgt Ion:276 Resp: 23968

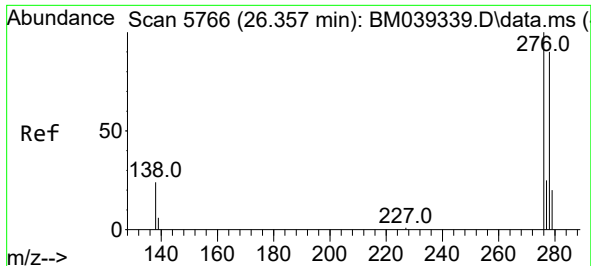
Ion Ratio Lower Upper

276 100

138 25.8 21.4 32.0

227 0.1 0.1 0.1#

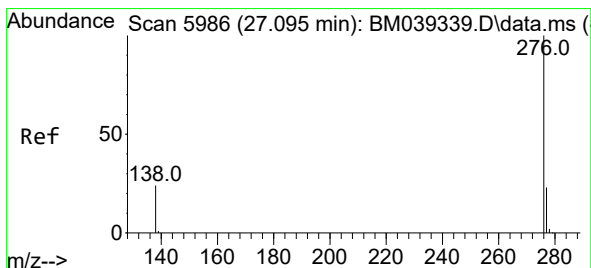
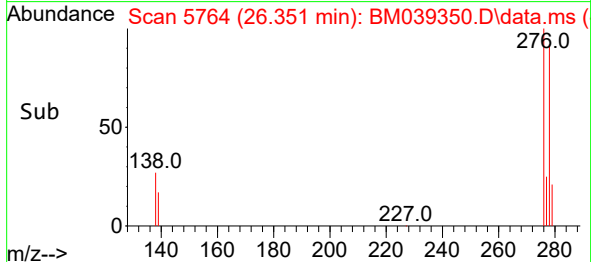
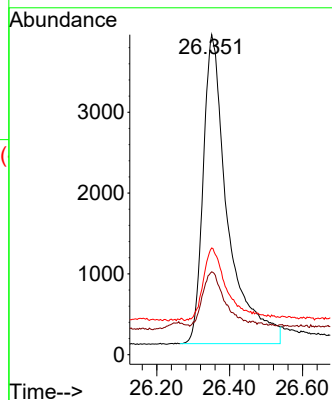
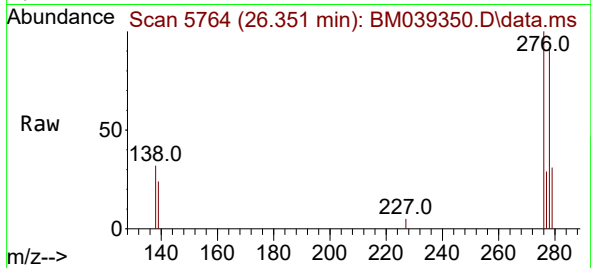




#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 26.351 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

Instrument :
BNA_M
ClientSampleId :
SLCS871

Tgt Ion:278 Resp: 17898
Ion Ratio Lower Upper
278 100
139 25.9 21.8 32.6
279 33.3 30.0 45.0



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 27.088 min Scan# 5984
Delta R.T. -0.000 min
Lab File: BM039350.D
Acq: 07 Apr 2023 12:33

Tgt Ion:276 Resp: 21387
Ion Ratio Lower Upper
276 100
138 28.0 22.2 33.2
277 26.6 21.2 31.8

