

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039356.D
 Acq On : 07 Apr 2023 16:51
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4081

Quant Time: Apr 07 23:13:52 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

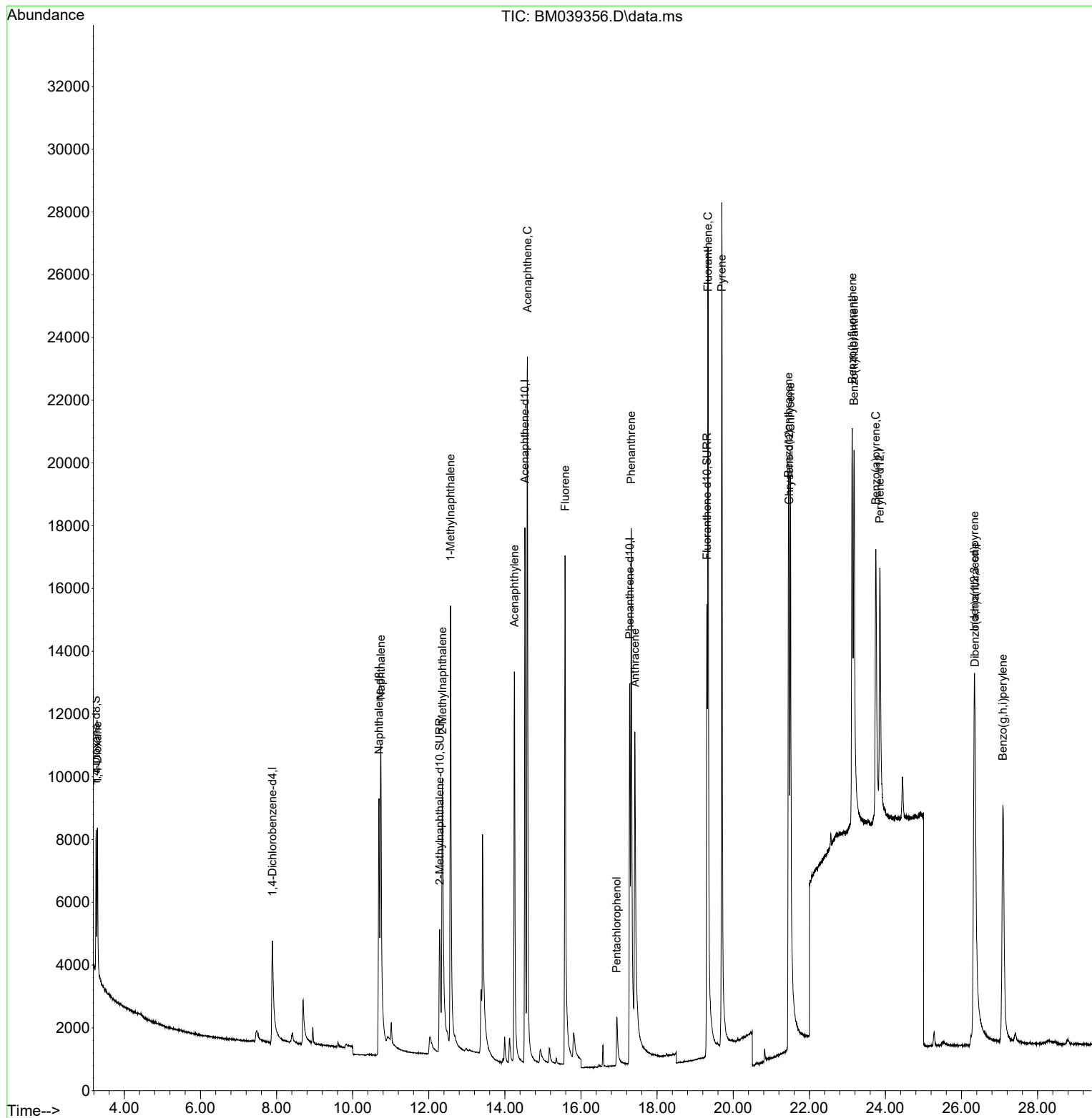
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	3813	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	17887	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	10759	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	19397	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	14079	0.400	ng/ul	# 0.00
23) Perylene-d12	23.854	264	13130	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	2798	0.396	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	9793	0.474	ng/ul	0.00
18) Fluoranthene-d10	19.311	212	20882	0.476	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.292	88	2972	0.393	ng/ul	94
5) Naphthalene	10.741	128	18848	0.443	ng/ul	98
7) 2-Methylnaphthalene	12.357	142	11112	0.465	ng/ul	99
8) 1-Methylnaphthalene	12.572	142	12425	0.459	ng/ul	100
10) Acenaphthylene	14.250	152	18975	0.455	ng/ul	99
11) Acenaphthene	14.592	153	14817	0.451	ng/ul	100
12) Fluorene	15.582	166	15616	0.477	ng/ul	98
14) Pentachlorophenol	16.940	266	1946	0.421	ng/ul#	81
15) Phenanthrene	17.320	178	22618	0.420	ng/ul	99
16) Anthracene	17.417	178	18066	0.441	ng/ul	98
19) Fluoranthene	19.338	202	27242	0.467	ng/ul	100
20) Pyrene	19.701	202	29845	0.447	ng/ul	98
21) Benzo(a)anthracene	21.451	228	17004	0.524	ng/ul	100
22) Chrysene	21.504	228	19828	0.498	ng/ul	100
24) Benzo(b)fluoranthene	23.129	252	18913	0.454	ng/ul	99
25) Benzo(k)fluoranthene	23.176	252	19454	0.490	ng/ul	96
26) Benzo(a)pyrene	23.749	252	18138	0.432	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.337	276	22764	0.431	ng/ul	97
28) Dibenzo(a,h)anthracene	26.354	278	17072	0.461	ng/ul	94
29) Benzo(g,h,i)perylene	27.088	276	20327	0.401	ng/ul	100

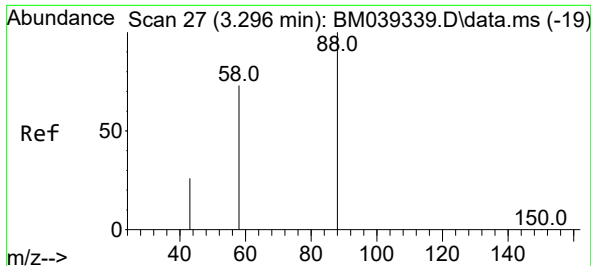
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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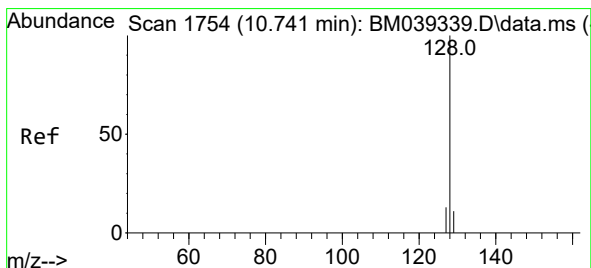
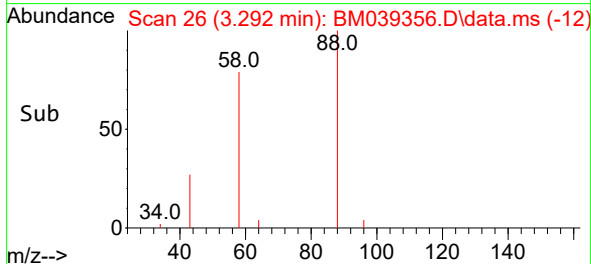
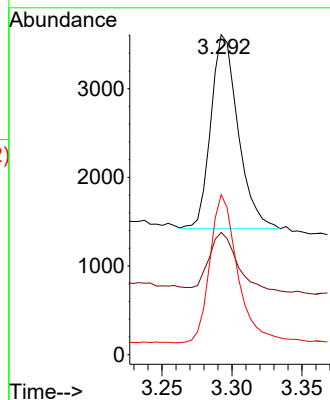
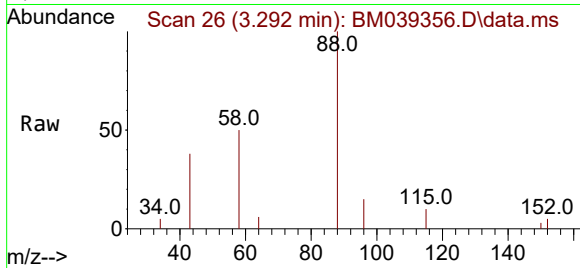




#2
1,4-Dioxane
Concen: 0.393 ng/ul
RT: 3.292 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

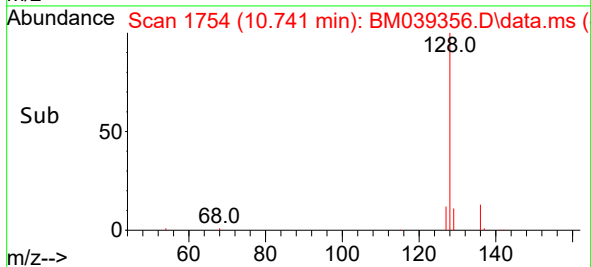
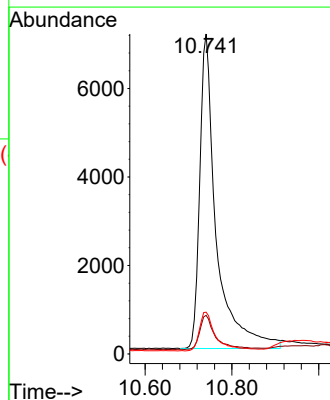
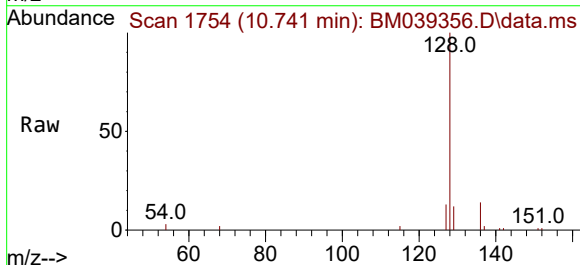
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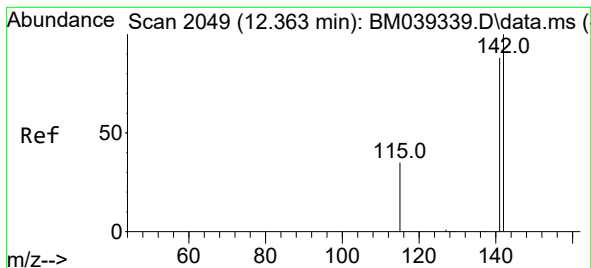
Tgt Ion: 88 Resp: 2972
Ion Ratio Lower Upper
88 100
43 38.2 30.6 45.8
58 50.0 34.1 51.1



#5
Naphthalene
Concen: 0.443 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

Tgt Ion: 128 Resp: 18848
Ion Ratio Lower Upper
128 100
129 12.0 10.1 15.1
127 13.0 11.0 16.4





#7

2-Methylnaphthalene

Concen: 0.465 ng/ul

RT: 12.357 min Scan# 2048

Delta R.T. 0.000 min

Lab File: BM039356.D

Acq: 07 Apr 2023 16:51

Instrument :

BNA_M

ClientSampleId :

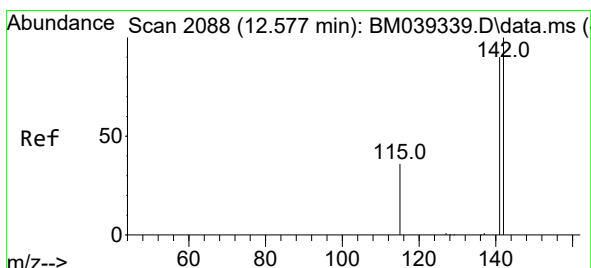
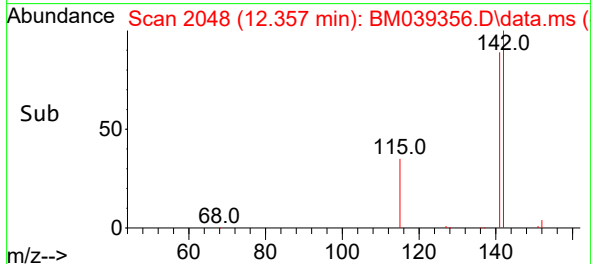
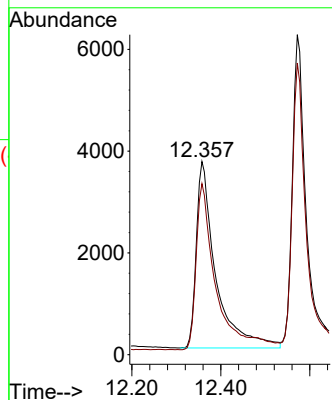
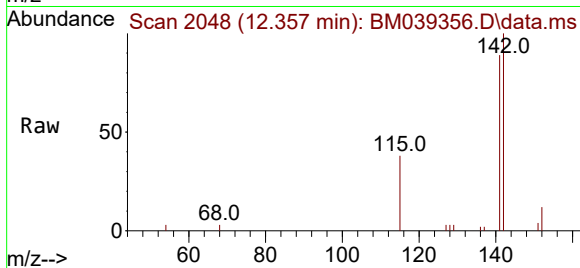
SSTD0.4081

Tgt Ion:142 Resp: 11112

Ion Ratio Lower Upper

142 100

141 91.1 71.8 107.6



#8

1-Methylnaphthalene

Concen: 0.459 ng/ul

RT: 12.572 min Scan# 2087

Delta R.T. 0.000 min

Lab File: BM039356.D

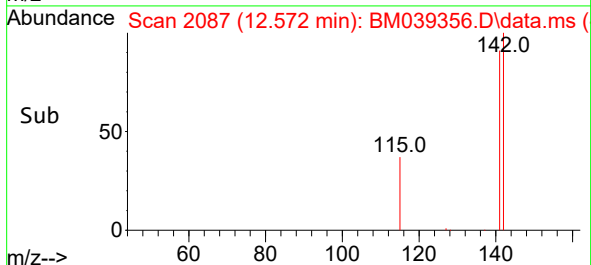
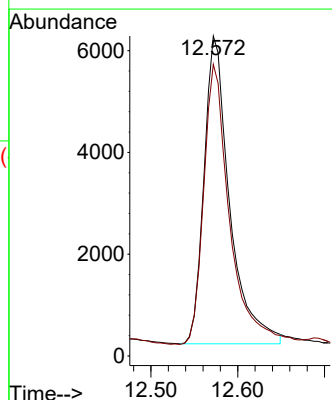
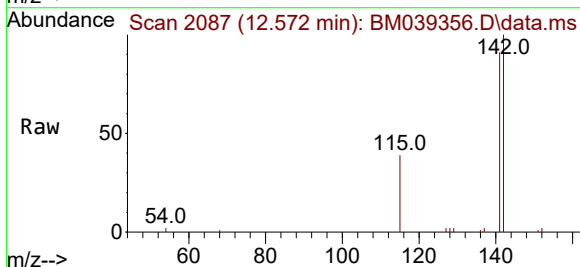
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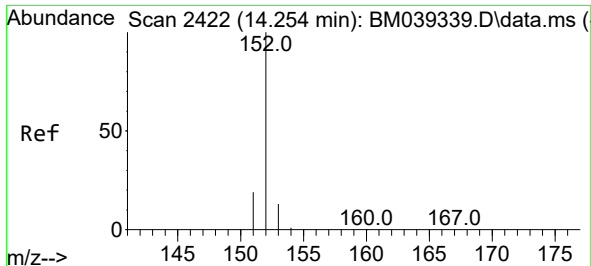
Tgt Ion:142 Resp: 12425

Ion Ratio Lower Upper

142 100

141 91.2 72.6 109.0

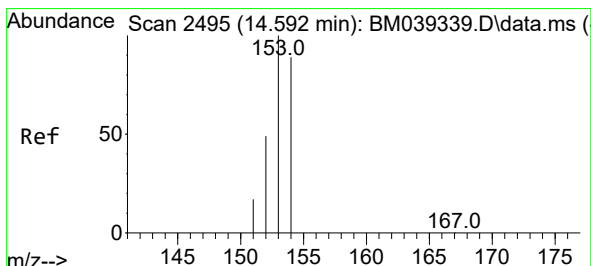
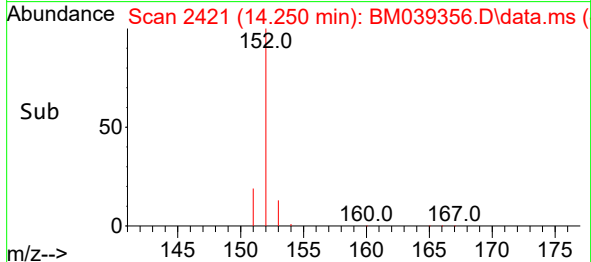
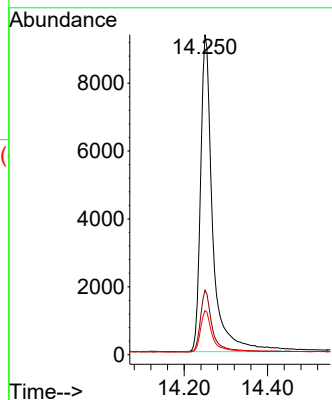
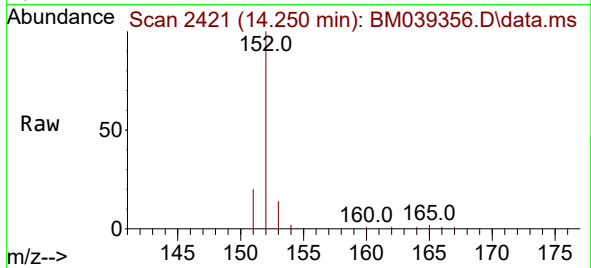




#10
Acenaphthylene
Concen: 0.455 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

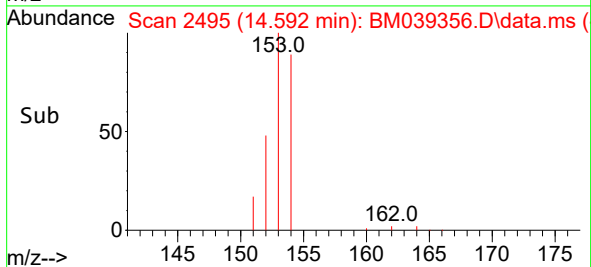
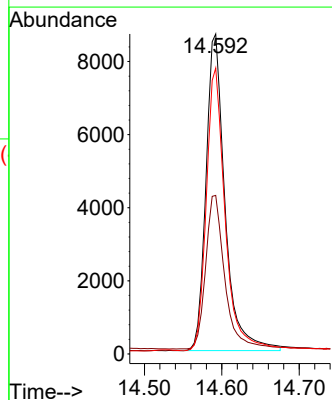
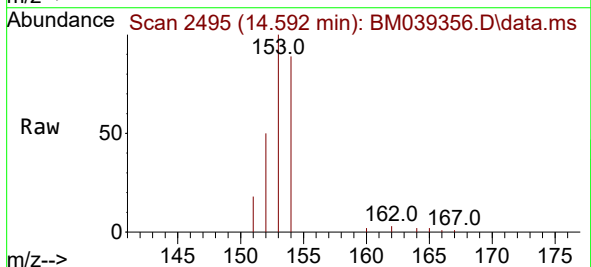
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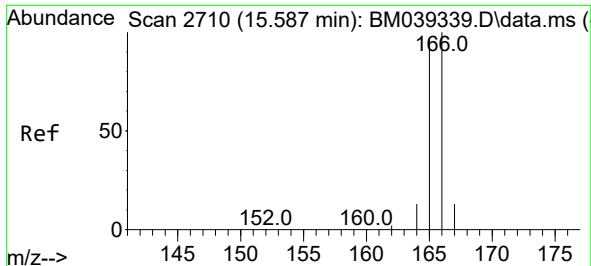
Tgt Ion:152 Resp: 18975
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.8 11.6 17.4



#11
Acenaphthene
Concen: 0.451 ng/ul
RT: 14.592 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

Tgt Ion:153 Resp: 14817
Ion Ratio Lower Upper
153 100
152 49.6 40.3 60.5
154 89.4 71.5 107.3

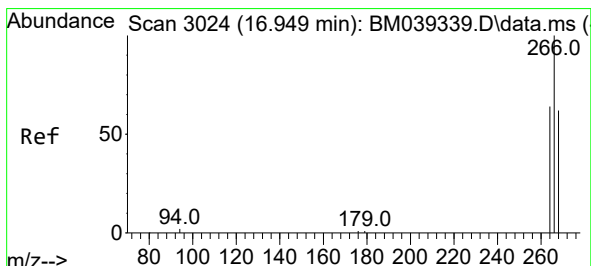
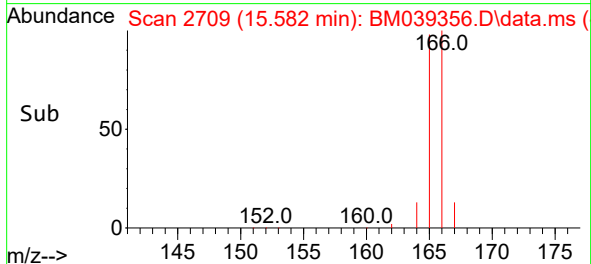
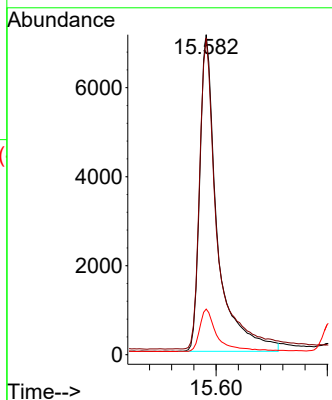
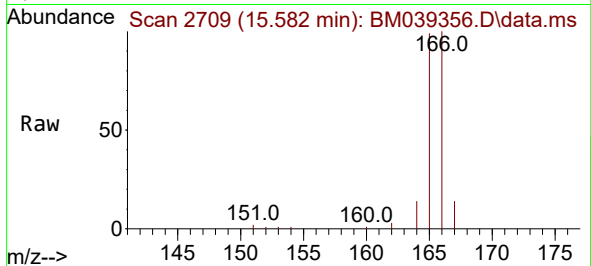




#12
Fluorene
Concen: 0.477 ng/ul
RT: 15.582 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

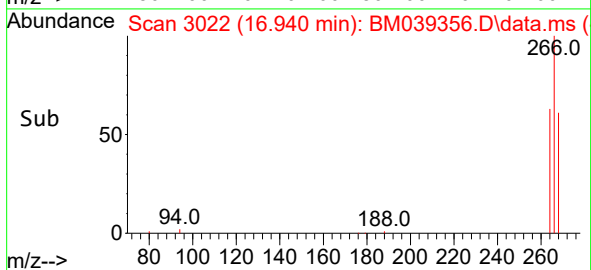
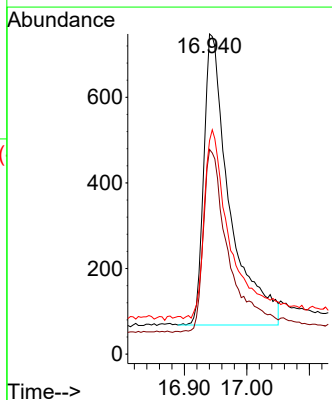
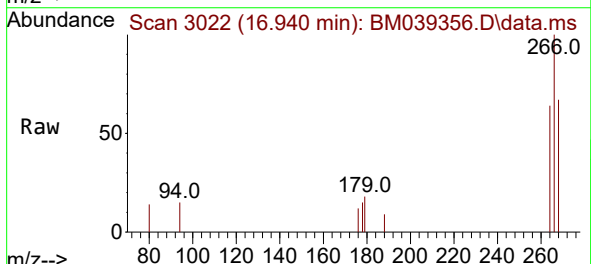
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ClientSampleId :
SSTD0.4081

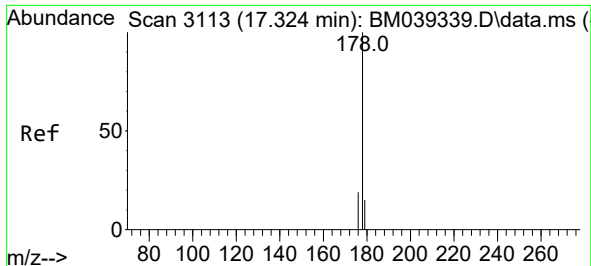
Tgt Ion:166 Resp: 15616
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.8
167 14.3 11.8 17.6



#14
Pentachlorophenol
Concen: 0.421 ng/ul
RT: 16.940 min Scan# 3022
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

Tgt Ion:266 Resp: 1946
Ion Ratio Lower Upper
266 100
264 63.1 39.6 59.4#
268 65.8 42.4 63.6#

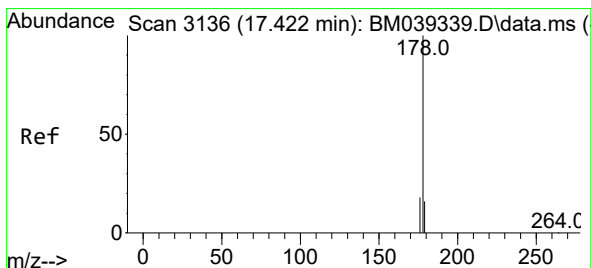
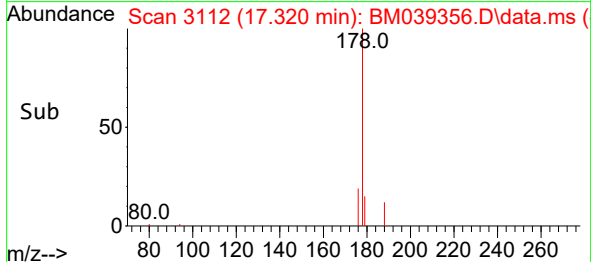
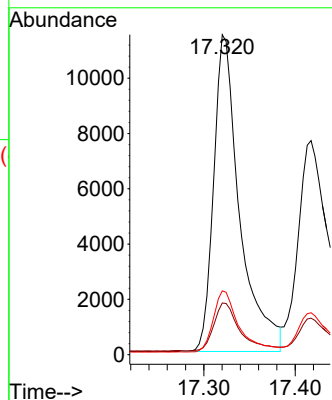
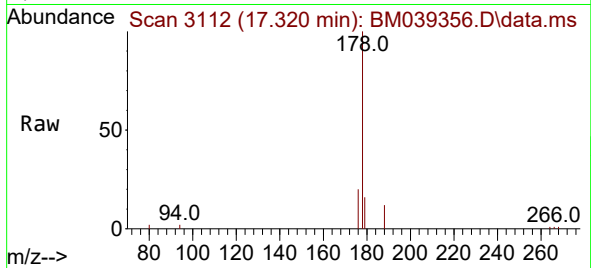




#15
Phenanthrene
Concen: 0.420 ng/ul
RT: 17.320 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

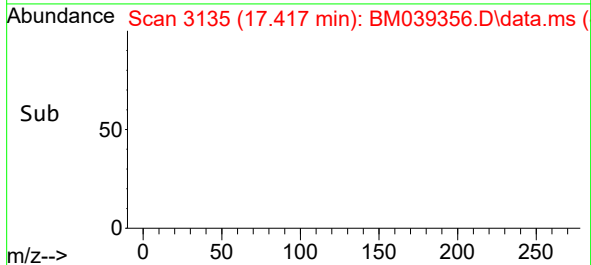
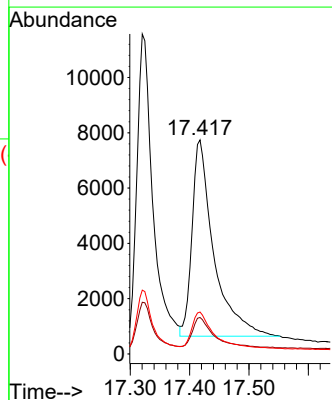
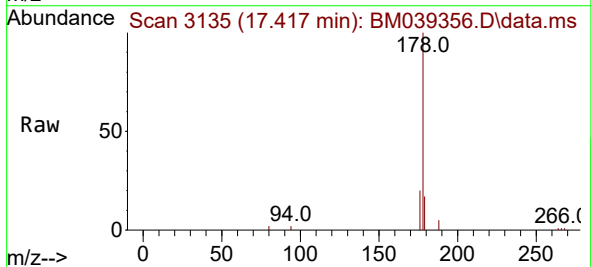
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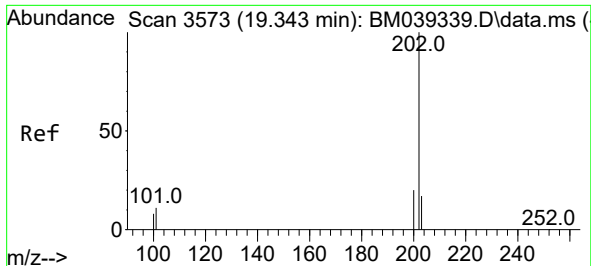
Tgt Ion:178 Resp: 22618
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.2
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.441 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

Tgt Ion:178 Resp: 18066
Ion Ratio Lower Upper
178 100
179 17.1 14.6 21.8
176 19.6 16.6 24.8

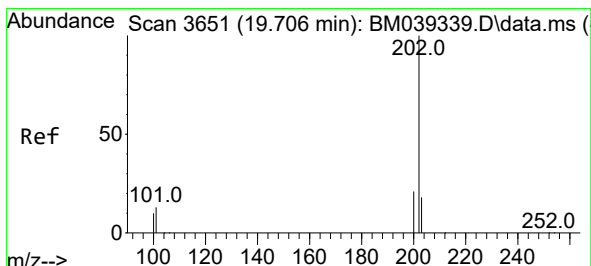
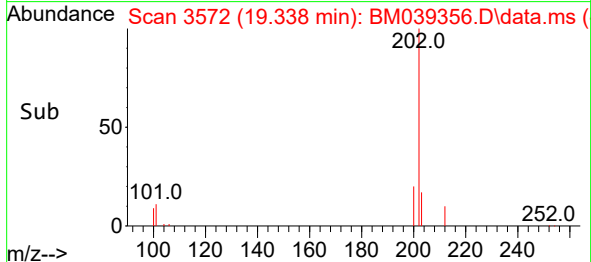
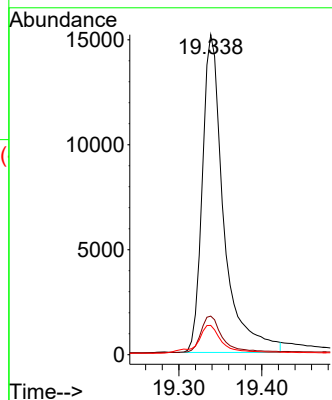
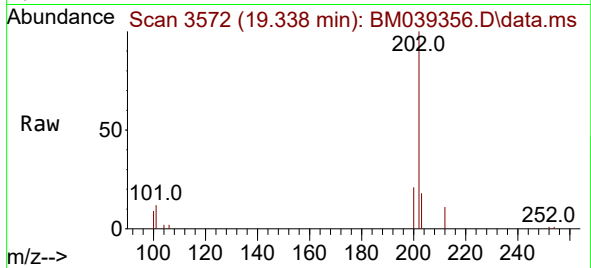




#19
Fluoranthene
Concen: 0.467 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

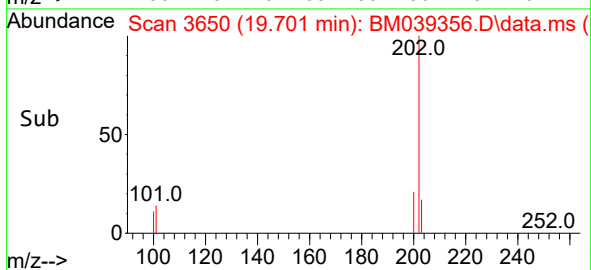
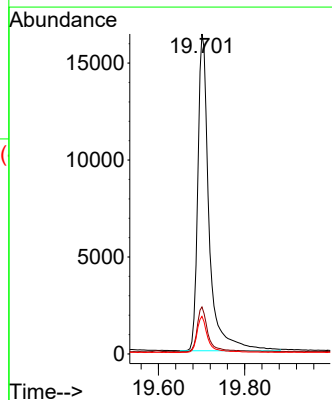
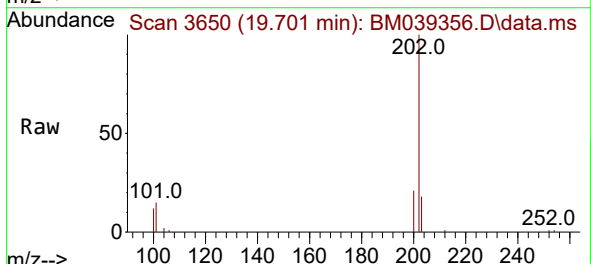
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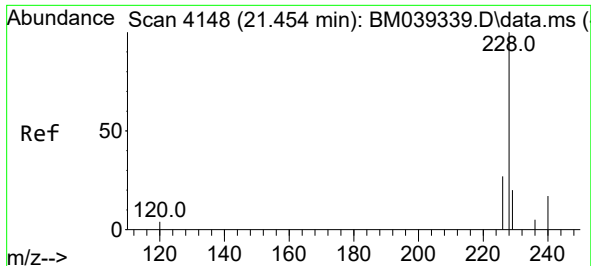
Tgt Ion:202 Resp: 27242
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.2 7.4 11.0



#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.701 min Scan# 3650
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

Tgt Ion:202 Resp: 29845
Ion Ratio Lower Upper
202 100
101 14.7 11.1 16.7
100 11.7 8.8 13.2

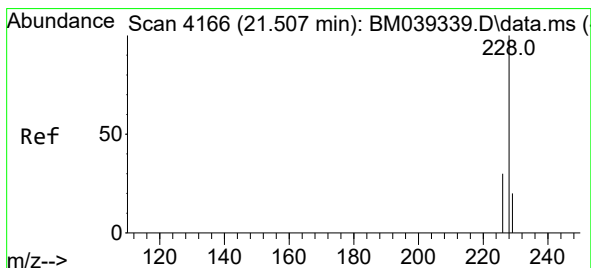
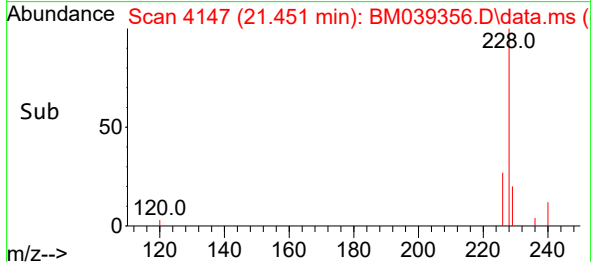
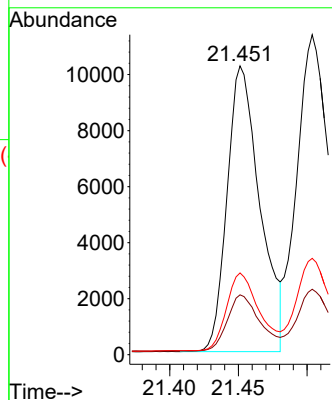
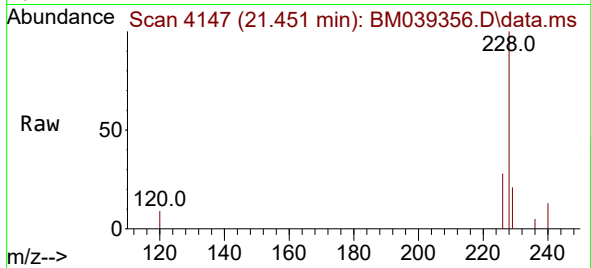




#21
Benzo(a)anthracene
Concen: 0.524 ng/ul
RT: 21.451 min Scan# 4148
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

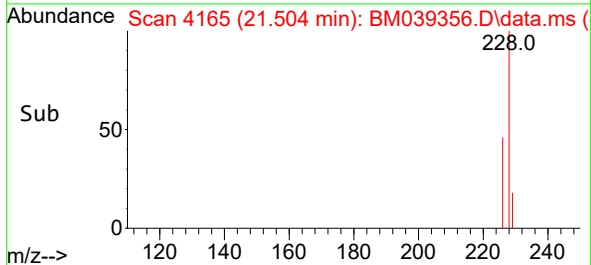
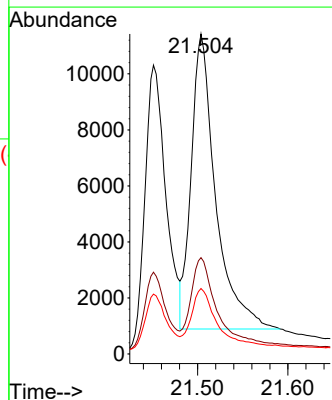
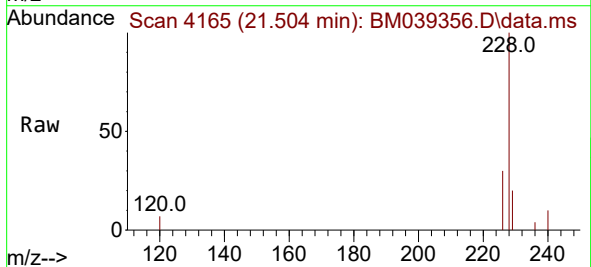
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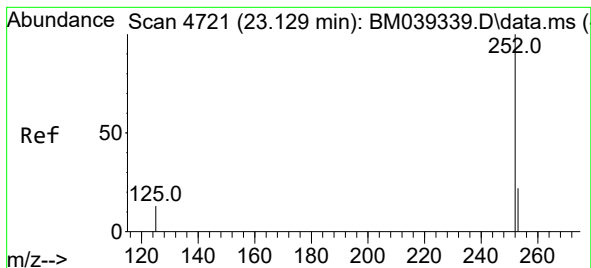
Tgt Ion:228 Resp: 17004
Ion Ratio Lower Upper
228 100
229 20.7 16.6 24.8
226 28.3 22.6 34.0



#22
Chrysene
Concen: 0.498 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

Tgt Ion:228 Resp: 19828
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 20.5 16.2 24.4





#24

Benzo(b)fluoranthene

Concen: 0.454 ng/ul

RT: 23.129 min Scan# 4721

Delta R.T. 0.000 min

Lab File: BM039356.D

Acq: 07 Apr 2023 16:51

Instrument :

BNA_M

ClientSampleId :

SSTD0.4081

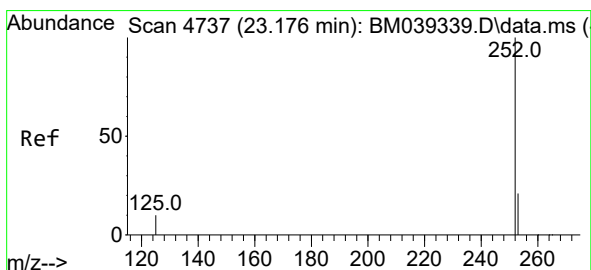
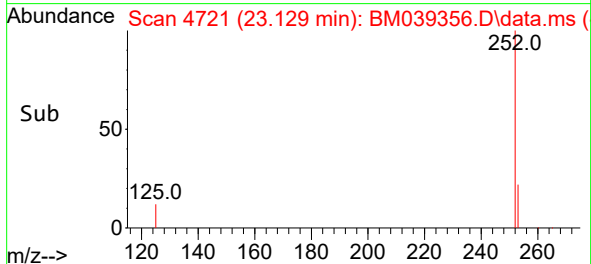
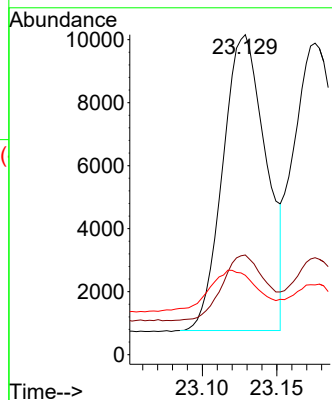
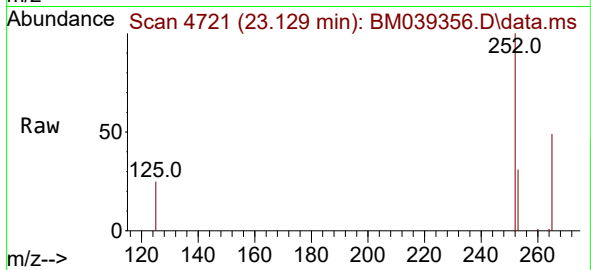
Tgt Ion:252 Resp: 18913

Ion Ratio Lower Upper

252 100

253 31.2 0.0 64.4

125 24.8 0.0 50.4



#25

Benzo(k)fluoranthene

Concen: 0.490 ng/ul

RT: 23.176 min Scan# 4737

Delta R.T. 0.000 min

Lab File: BM039356.D

Acq: 07 Apr 2023 16:51

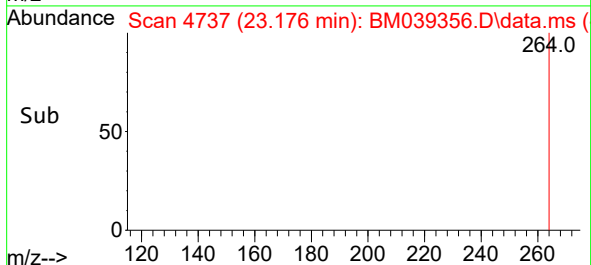
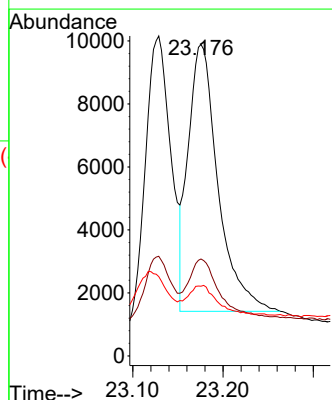
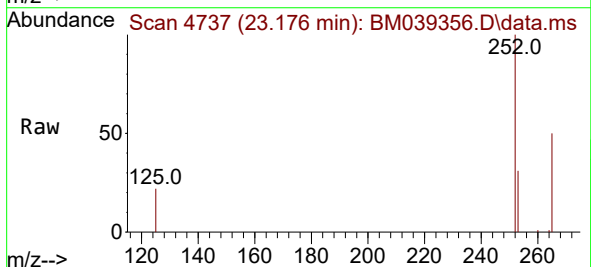
Tgt Ion:252 Resp: 19454

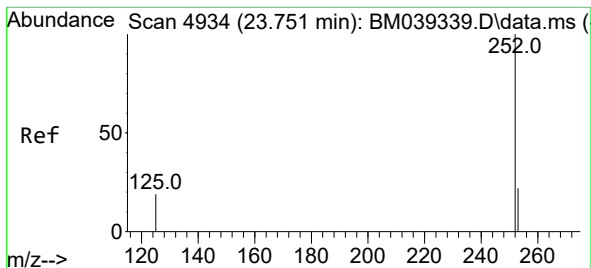
Ion Ratio Lower Upper

252 100

253 31.1 25.5 38.3

125 22.4 20.4 30.6





#26

Benzo(a)pyrene

Concen: 0.432 ng/ul

RT: 23.749 min Scan# 4934

Delta R.T. 0.000 min

Lab File: BM039356.D

Acq: 07 Apr 2023 16:51

Instrument :

BNA_M

ClientSampleId :

SSTD0.4081

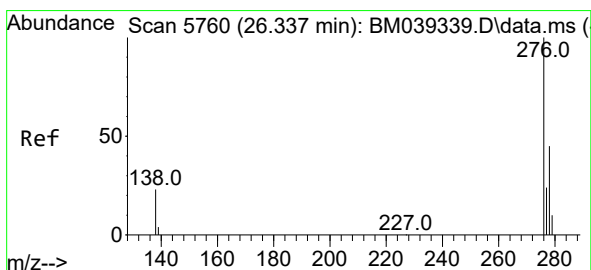
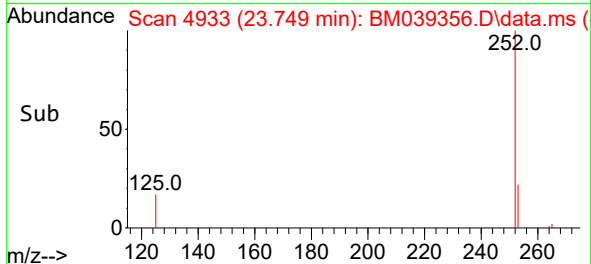
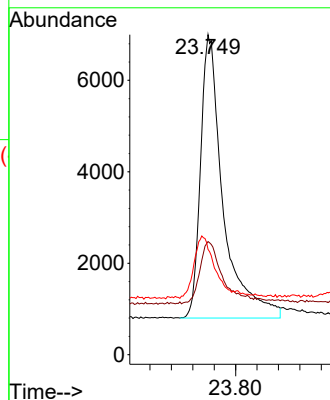
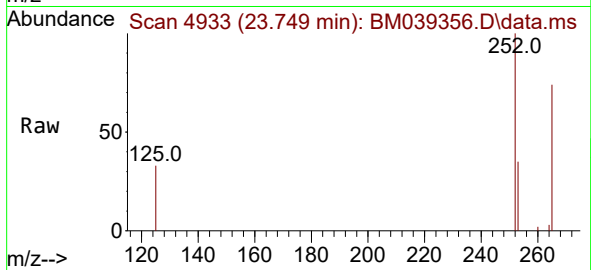
Tgt Ion:252 Resp: 18138

Ion Ratio Lower Upper

252 100

253 35.3 31.0 46.4

125 32.9 28.2 42.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.431 ng/ul

RT: 26.337 min Scan# 5760

Delta R.T. 0.000 min

Lab File: BM039356.D

Acq: 07 Apr 2023 16:51

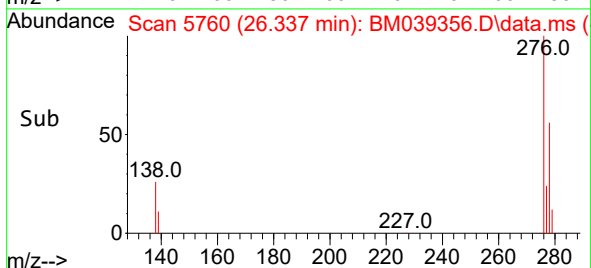
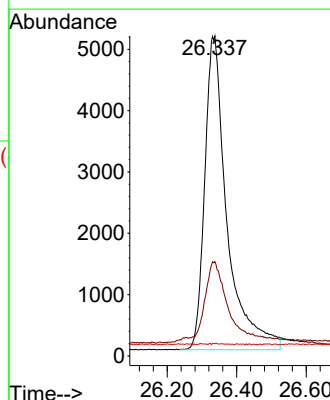
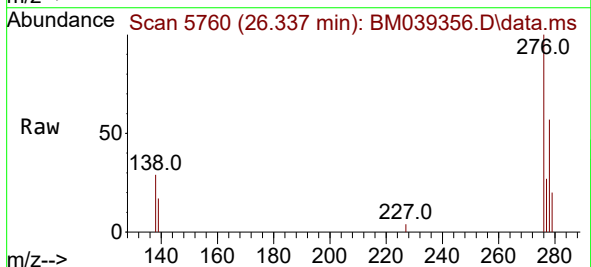
Tgt Ion:276 Resp: 22764

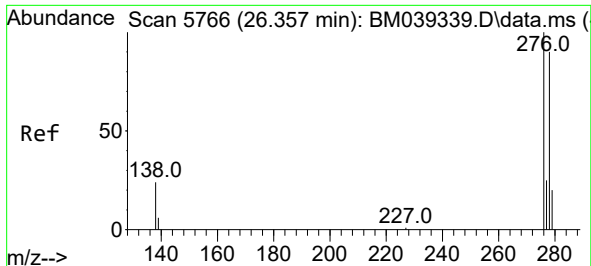
Ion Ratio Lower Upper

276 100

138 25.1 21.4 32.0

227 0.1 0.1 0.1

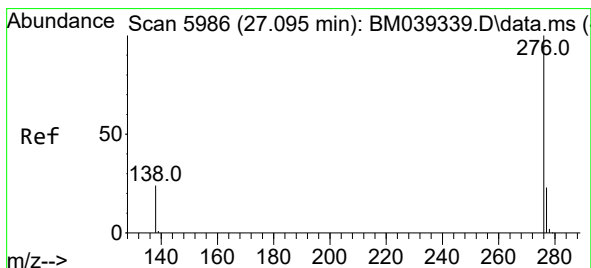
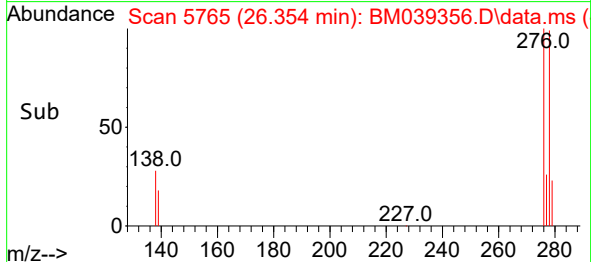
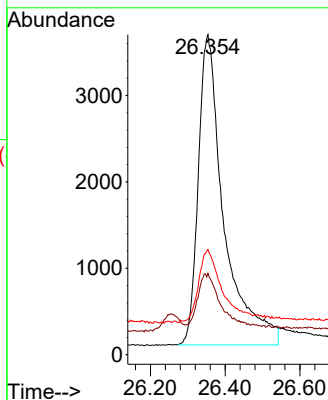
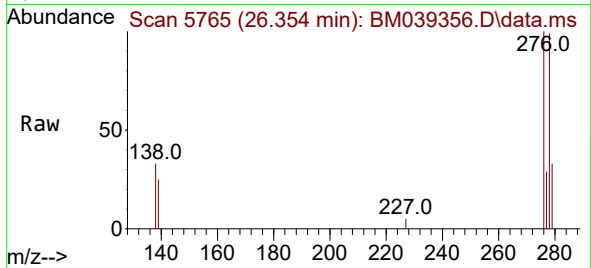




#28
Dibenzo(a,h)anthracene
Concen: 0.461 ng/ul
RT: 26.354 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

Instrument :
BNA_M
ClientSampleId :
SSTD0.4081

Tgt Ion:278 Resp: 17072
Ion Ratio Lower Upper
278 100
139 25.5 21.8 32.6
279 32.9 30.0 45.0



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 27.088 min Scan# 5984
Delta R.T. 0.000 min
Lab File: BM039356.D
Acq: 07 Apr 2023 16:51

Tgt Ion:276 Resp: 20327
Ion Ratio Lower Upper
276 100
138 27.6 22.2 33.2
277 26.9 21.2 31.8

