

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039750.D
 Acq On : 28 Apr 2023 23:30
 Operator : CG/JU
 Sample : 02417-05
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X1

Quant Time: Apr 29 02:26:40 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

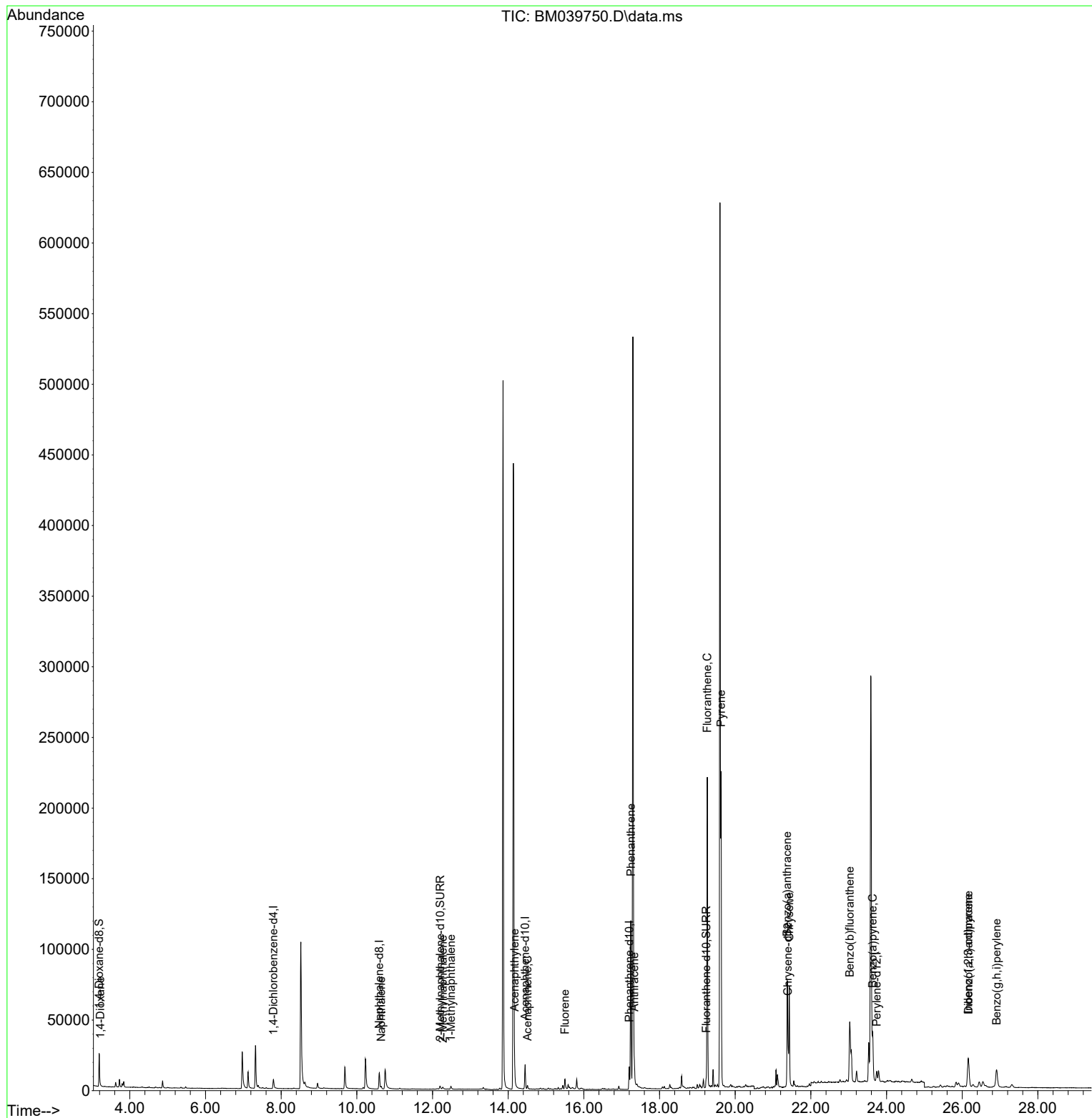
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	4408	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	17160	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	9605	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	19076	0.400	ng/ul	-0.02
17) Chrysene-d12	21.394	240	10746	0.400	ng/ul	#-0.01
23) Perylene-d12	23.741	264	10005	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	14457	2.225	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	4166	0.189	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	7358	0.254	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.218	88	154	0.023	ng/ul#	53
5) Naphthalene	10.645	128	2443	0.057	ng/ul#	90
7) 2-Methylnaphthalene	12.272	142	1339	0.054	ng/ul	98
8) 1-Methylnaphthalene	12.487	142	1659	0.062	ng/ul	97
10) Acenaphthylene	14.169	152	13009	0.350	ng/ul	98
11) Acenaphthene	14.511	153	1624	0.056	ng/ul	97
12) Fluorene	15.501	166	5124	0.158	ng/ul	98
15) Phenanthrene	17.242	178	128996	2.567	ng/ul	98
16) Anthracene	17.331	178	12897	0.299	ng/ul	99
19) Fluoranthene	19.262	202	189109	4.933	ng/ul	99
20) Pyrene	19.624	202	175432	4.237	ng/ul	99
21) Benzo(a)anthracene	21.376	228	62112	2.010	ng/ul	97
22) Chrysene	21.429	228	72572	2.076	ng/ul	98
24) Benzo(b)fluoranthene	23.027	252	75537	2.150	ng/ul	97
26) Benzo(a)pyrene	23.635	252	47874	1.518	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.161	276	36511	0.915	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.164	278	9048	0.292	ng/ul#	81
29) Benzo(g,h,i)perylene	26.909	276	28754	0.827	ng/ul	97

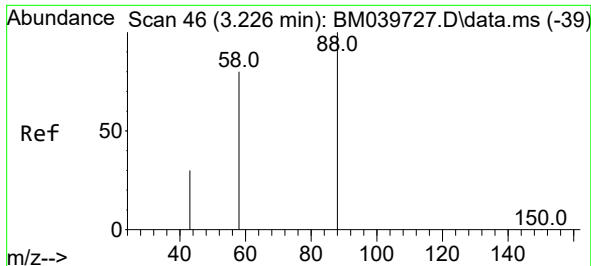
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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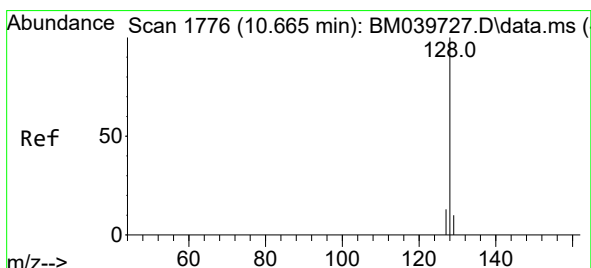
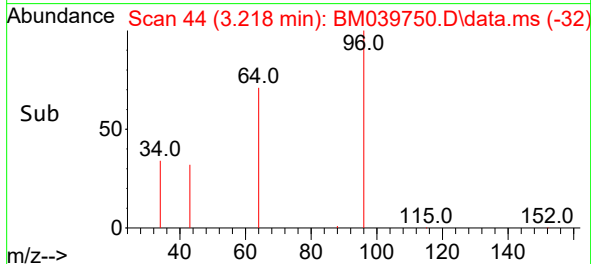
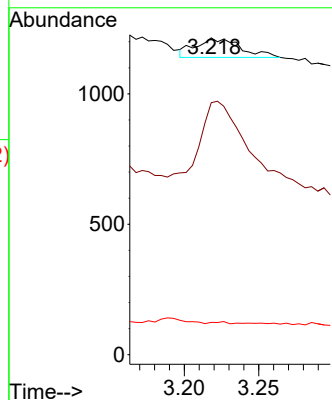
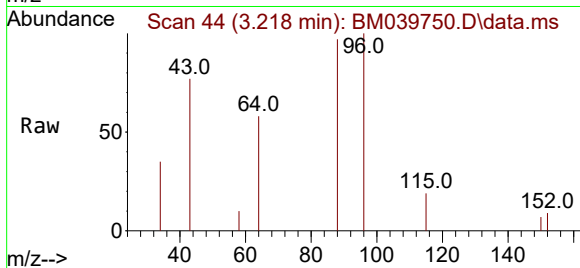




#2
1,4-Dioxane
Concen: 0.023 ng/ul
RT: 3.218 min Scan# 44
Delta R.T. -0.008 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

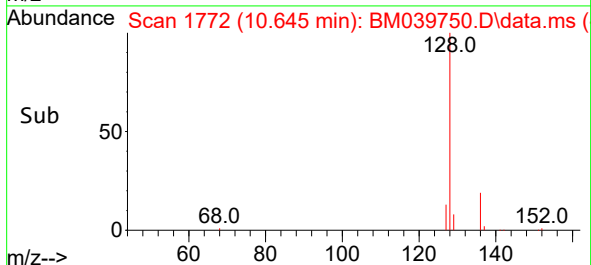
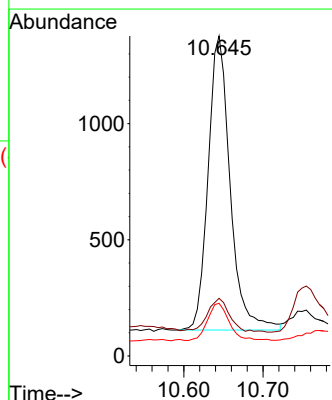
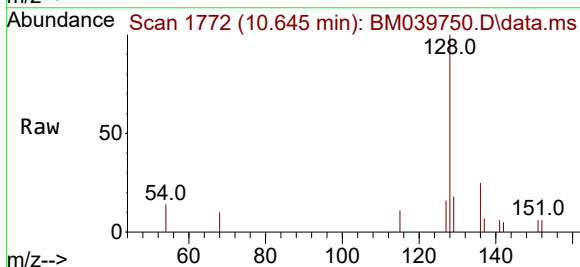
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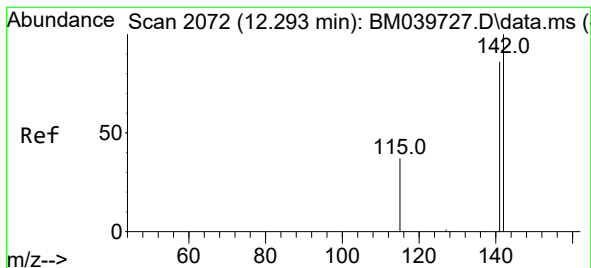
Tgt Ion: 88 Resp: 154
Ion Ratio Lower Upper
88 100
43 79.5 102.6 153.8#
58 10.2 40.6 61.0#



#5
Naphthalene
Concen: 0.057 ng/ul
RT: 10.645 min Scan# 1772
Delta R.T. -0.016 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

Tgt Ion: 128 Resp: 2443
Ion Ratio Lower Upper
128 100
129 18.0 9.8 14.6#
127 16.5 11.1 16.7

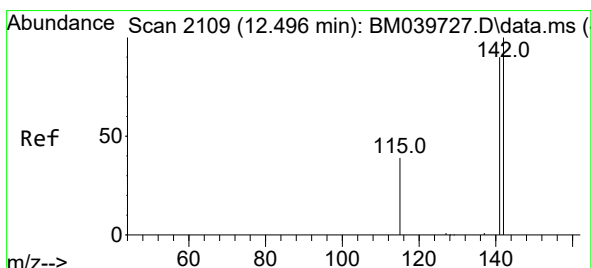
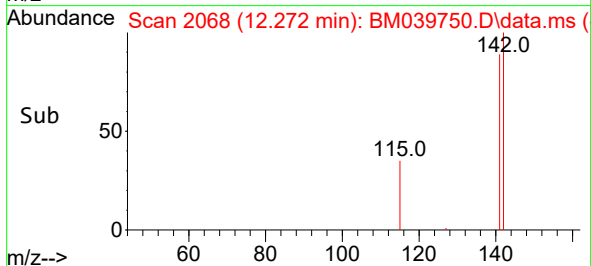
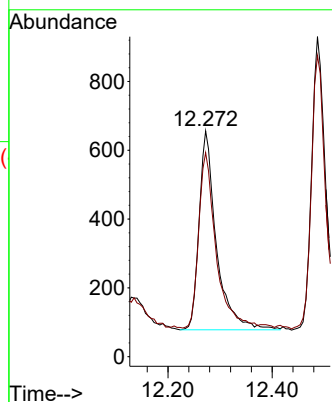
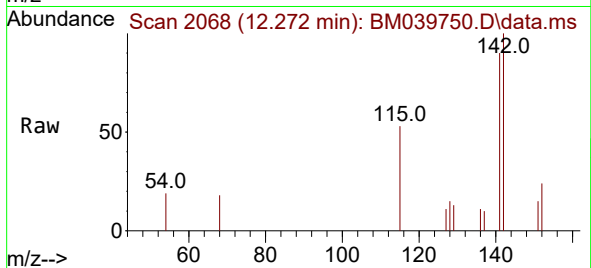




#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.272 min Scan# 2072
Delta R.T. -0.016 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

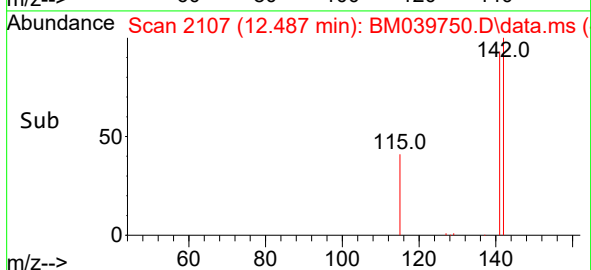
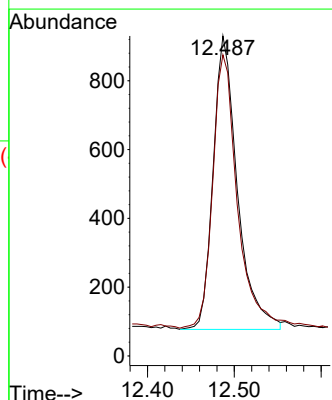
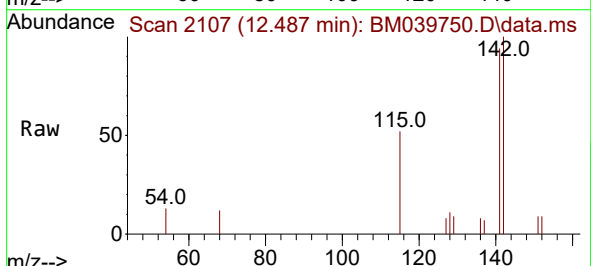
Instrument :
BNA_M
ClientSampleId :
EW8X1

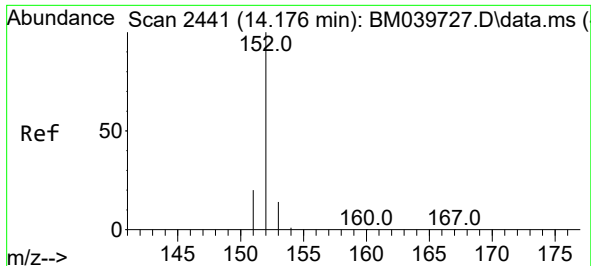
Tgt Ion:142 Resp: 1339
Ion Ratio Lower Upper
142 100
141 89.2 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.487 min Scan# 2107
Delta R.T. -0.011 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

Tgt Ion:142 Resp: 1659
Ion Ratio Lower Upper
142 100
141 94.3 73.4 110.2

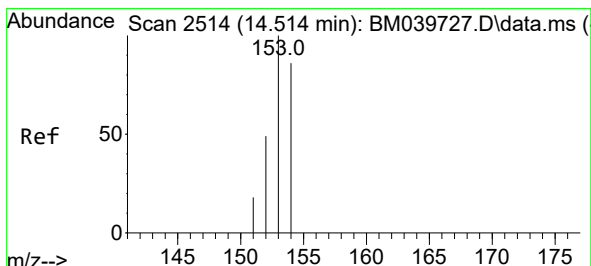
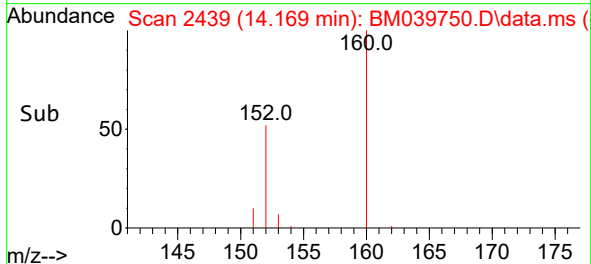
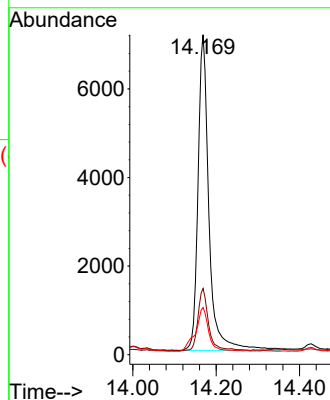
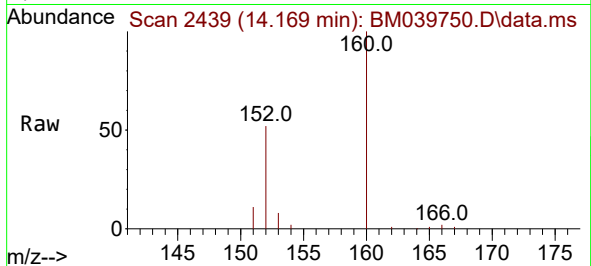




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.169 min Scan# 2441
Delta R.T. -0.014 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

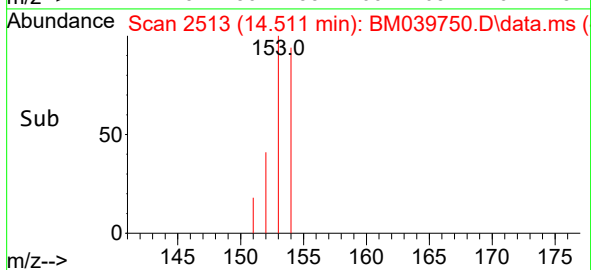
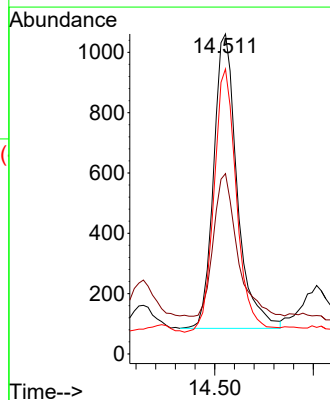
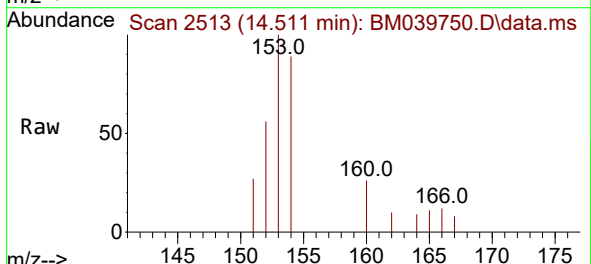
Instrument :
BNA_M
ClientSampleId :
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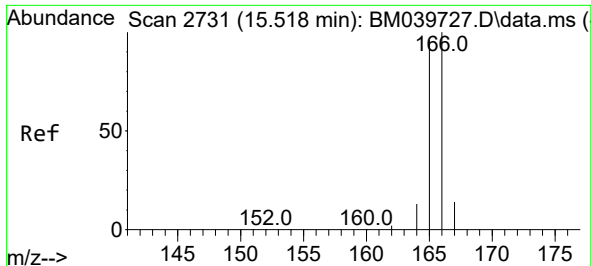
Tgt Ion:152 Resp: 13009
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 14.7 11.2 16.8



#11
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. -0.009 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

Tgt Ion:153 Resp: 1624
Ion Ratio Lower Upper
153 100
152 56.4 40.6 61.0
154 89.1 71.9 107.9

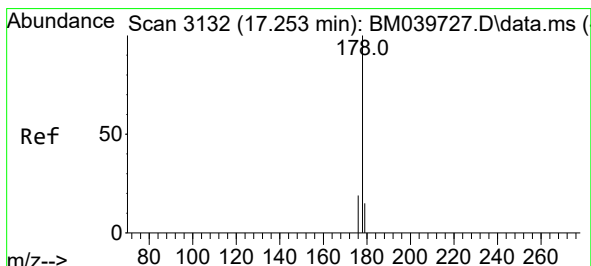
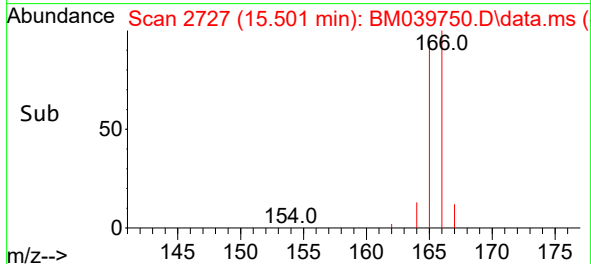
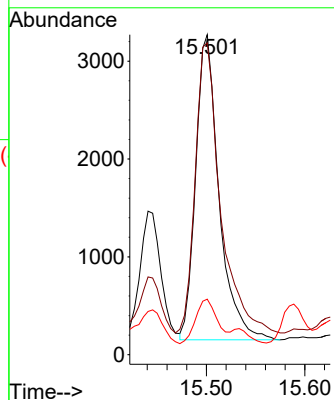
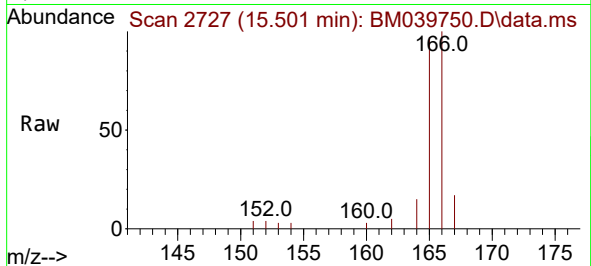




#12
Fluorene
Concen: 0.158 ng/ul
RT: 15.501 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

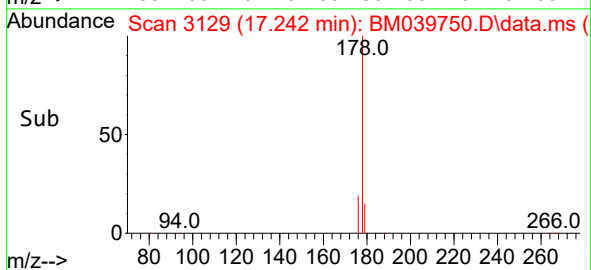
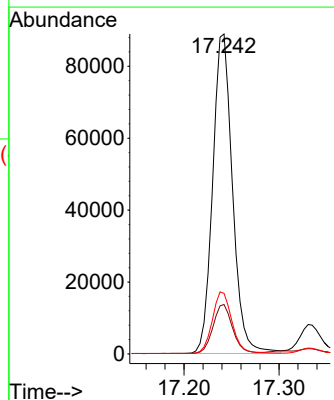
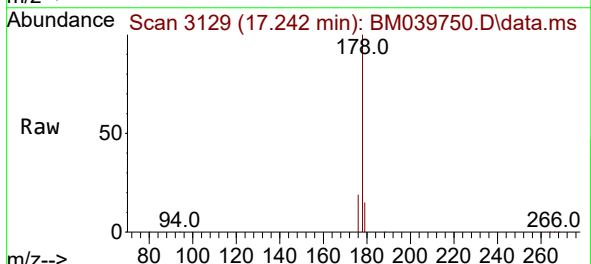
Instrument :
BNA_M
ClientSampleId :
EW8X1

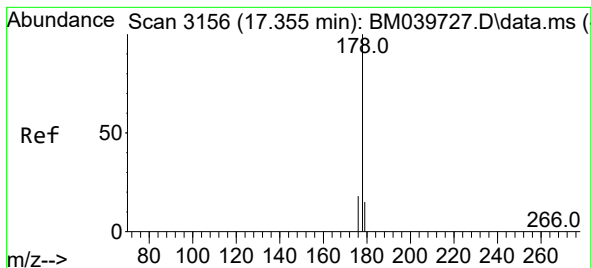
Tgt Ion:166 Resp: 5124
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.6
167 17.3 11.8 17.6



#15
Phenanthrene
Concen: 2.567 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.013 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

Tgt Ion:178 Resp: 128996
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.0 15.8 23.8





#16

Anthracene

Concen: 0.299 ng/ul

RT: 17.331 min Scan# 3156

Delta R.T. -0.025 min

Lab File: BM039750.D

Acq: 28 Apr 2023 23:30

Instrument :

BNA_M

ClientSampleId :

EW8X1

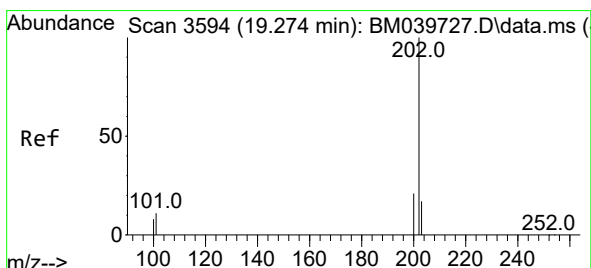
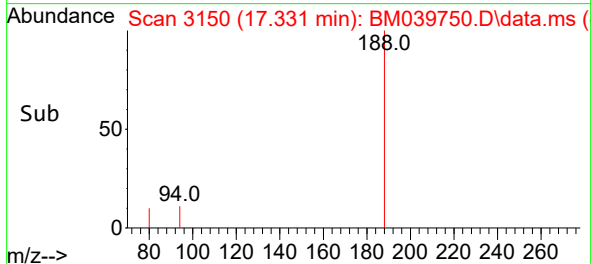
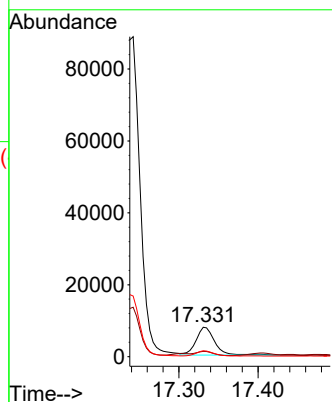
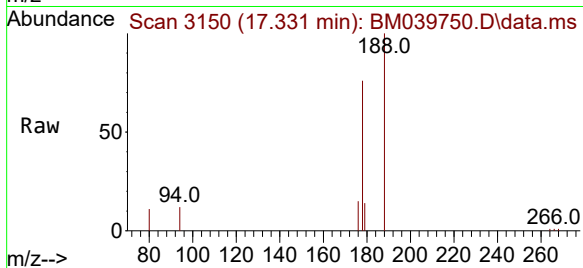
Tgt Ion:178 Resp: 12897

Ion Ratio Lower Upper

178 100

179 17.8 13.8 20.6

176 20.0 15.8 23.8



#19

Fluoranthene

Concen: 4.933 ng/ul

RT: 19.262 min Scan# 3591

Delta R.T. -0.014 min

Lab File: BM039750.D

Acq: 28 Apr 2023 23:30

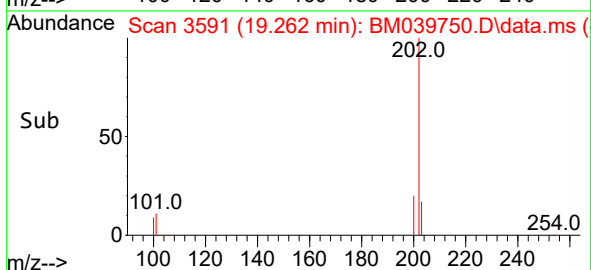
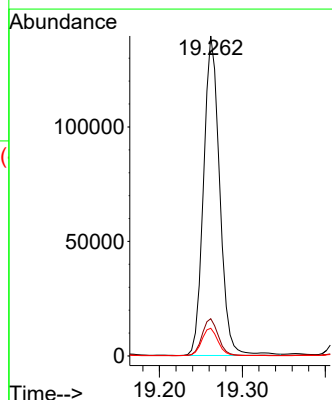
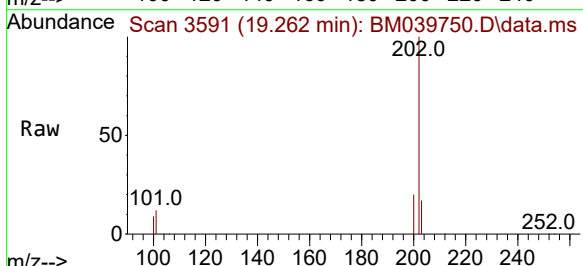
Tgt Ion:202 Resp: 189109

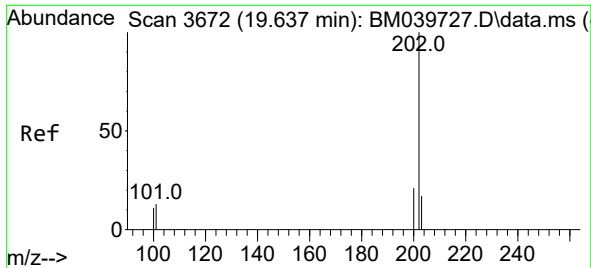
Ion Ratio Lower Upper

202 100

101 11.7 9.8 14.8

100 8.6 7.3 10.9

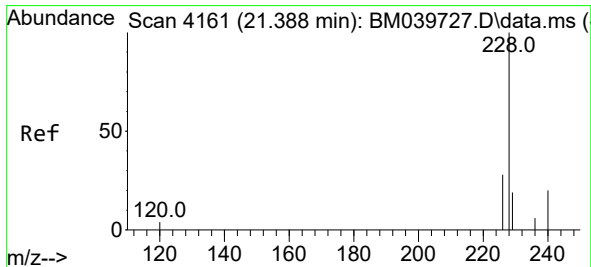
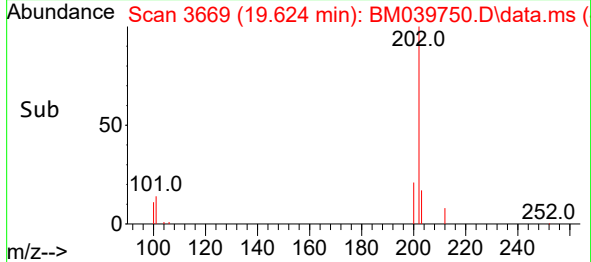
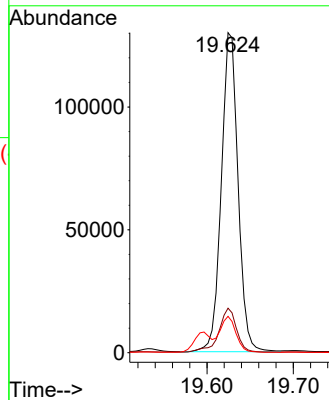
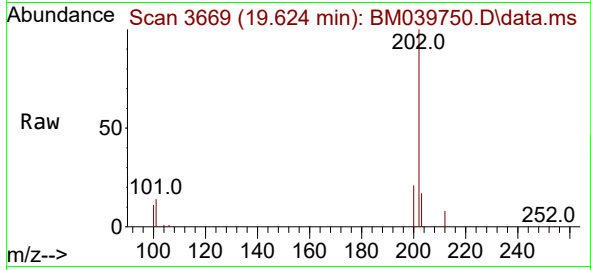




#20
Pyrene
Concen: 4.237 ng/ul
RT: 19.624 min Scan# 3
Delta R.T. -0.019 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

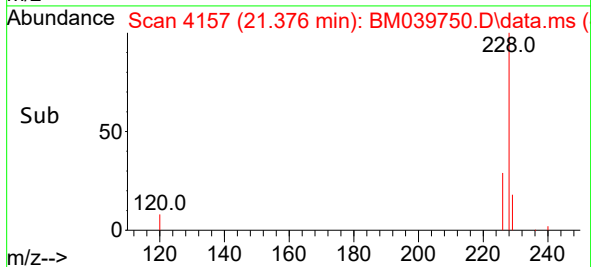
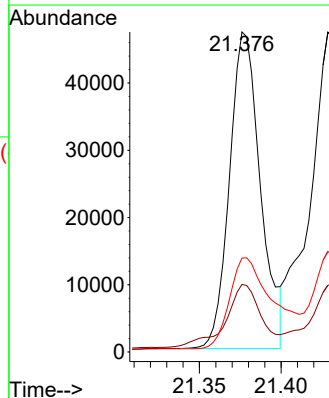
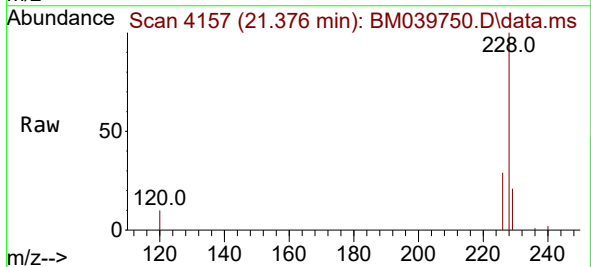
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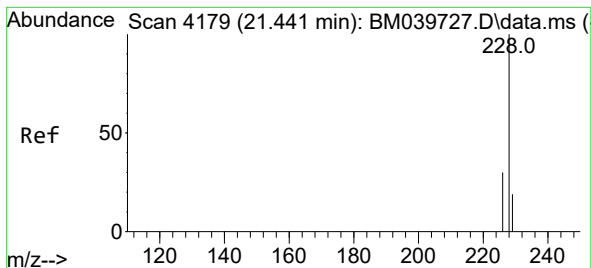
Tgt Ion:202 Resp: 175432
Ion Ratio Lower Upper
202 100
101 13.9 10.9 16.3
100 11.4 8.9 13.3



#21
Benzo(a)anthracene
Concen: 2.010 ng/ul
RT: 21.376 min Scan# 4157
Delta R.T. -0.020 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

Tgt Ion:228 Resp: 62112
Ion Ratio Lower Upper
228 100
229 21.1 16.2 24.2
226 29.3 21.6 32.4





#22

Chrysene

Concen: 2.076 ng/ul

RT: 21.429 min Scan# 4175

Delta R.T. -0.017 min

Lab File: BM039750.D

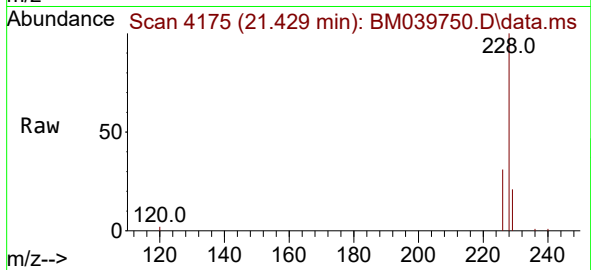
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Instrument :

BNA_M

ClientSampleId :

EW8X1



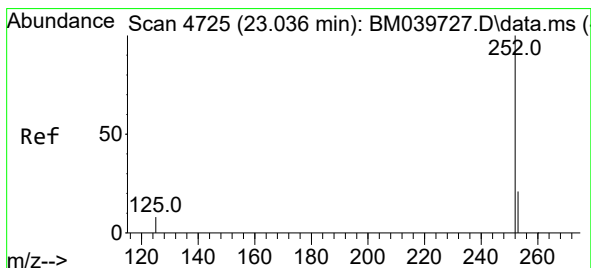
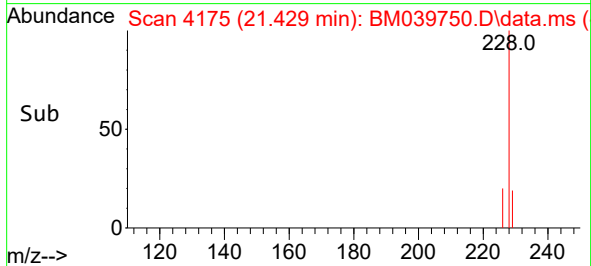
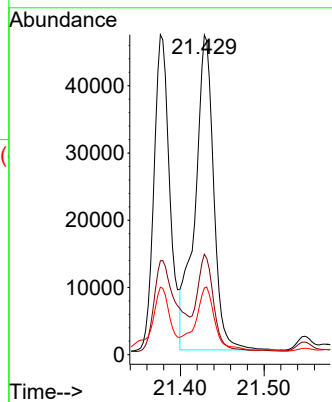
Tgt Ion:228 Resp: 72572

Ion Ratio Lower Upper

228 100

226 31.4 24.3 36.5

229 20.9 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 2.150 ng/ul

RT: 23.027 min Scan# 4722

Delta R.T. -0.017 min

Lab File: BM039750.D

Acq: 28 Apr 2023 23:30

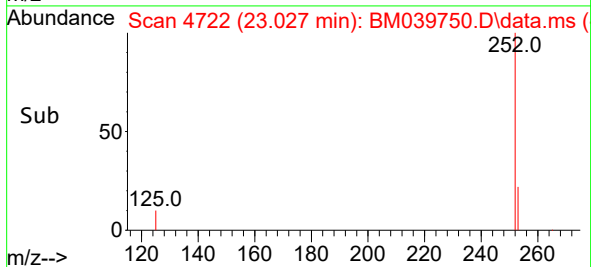
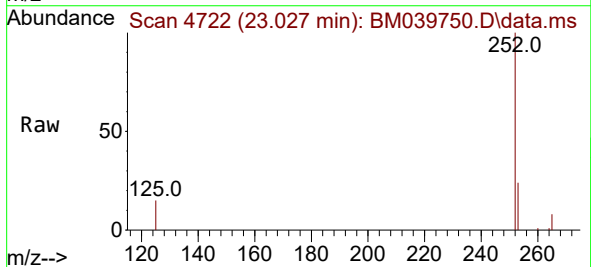
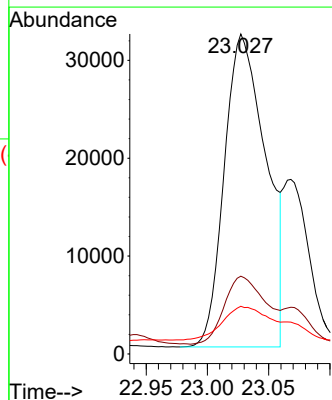
Tgt Ion:252 Resp: 75537

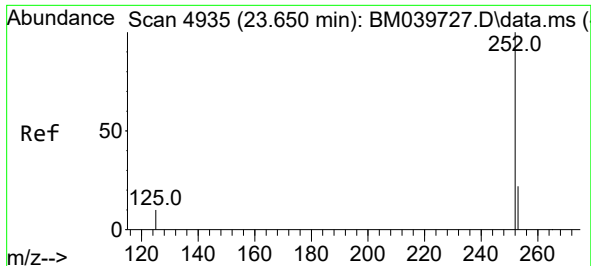
Ion Ratio Lower Upper

252 100

253 24.3 0.0 52.8

125 14.9 0.0 31.6

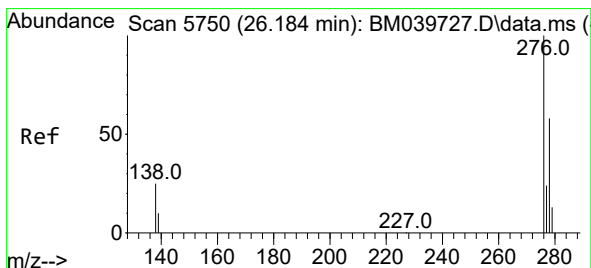
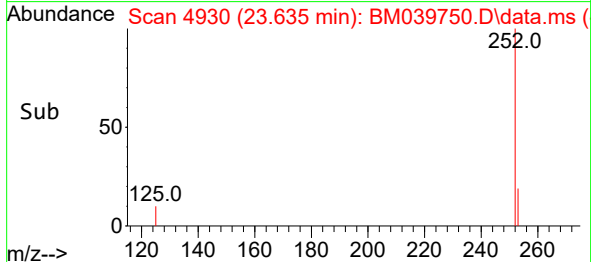
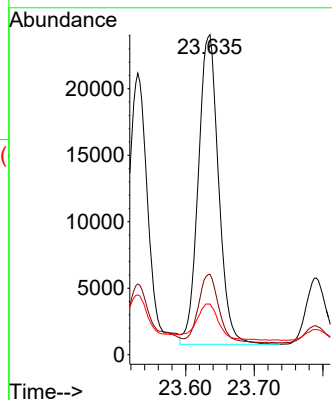
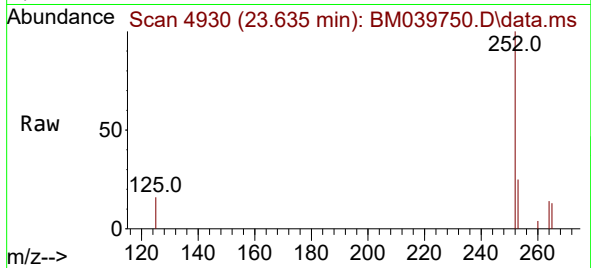




#26
Benzo(a)pyrene
Concen: 1.518 ng/ul
RT: 23.635 min Scan# 4935
Delta R.T. -0.029 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

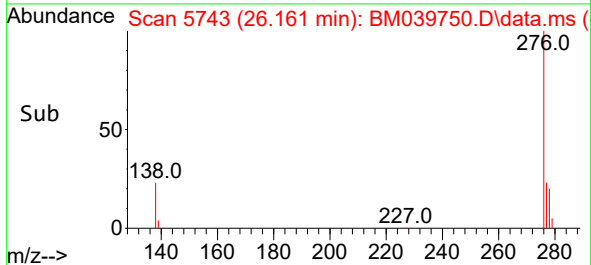
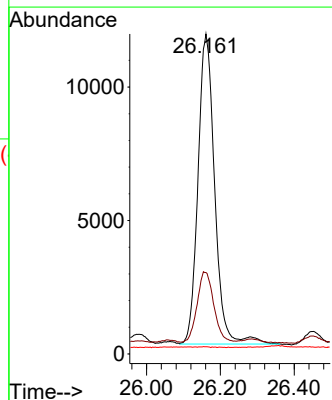
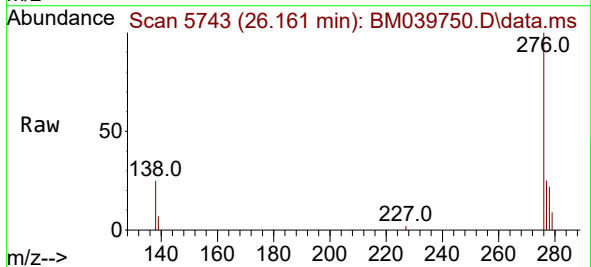
Instrument :
BNA_M
ClientSampleId :
EW8X1

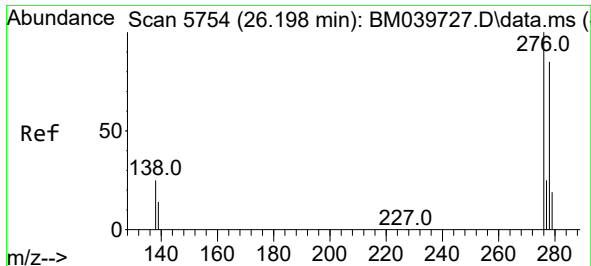
Tgt Ion:252 Resp: 47874
Ion Ratio Lower Upper
252 100
253 25.1 24.7 37.1
125 15.8 16.5 24.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.915 ng/ul
RT: 26.161 min Scan# 5743
Delta R.T. -0.040 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

Tgt Ion:276 Resp: 36511
Ion Ratio Lower Upper
276 100
138 22.6 21.1 31.7
227 0.1 0.1 0.1#

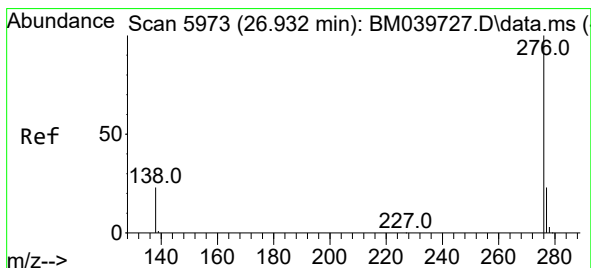
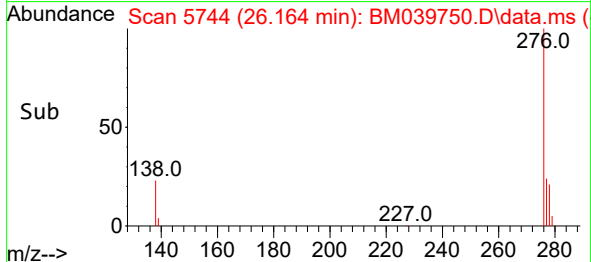
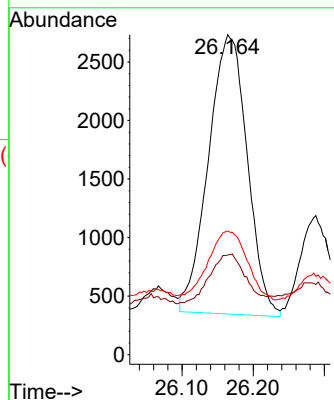
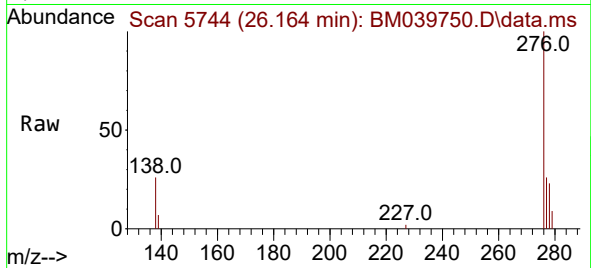




#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 26.164 min Scan# 51
Delta R.T. -0.054 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

Instrument :
BNA_M
ClientSampleId :
EW8X1

Tgt Ion:278 Resp: 9048
Ion Ratio Lower Upper
278 100
139 31.1 17.0 25.6#
279 38.7 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.827 ng/ul
RT: 26.909 min Scan# 5966
Delta R.T. -0.040 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

Tgt Ion:276 Resp: 28754
Ion Ratio Lower Upper
276 100
138 27.0 20.1 30.1
277 26.0 20.1 30.1

