

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040750.D
 Acq On : 08 Jul 2023 21:39
 Operator : MA/JU
 Sample : 03348-07MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YBTY3MS

Quant Time: Jul 08 23:33:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 08 22:50:20 2023
 Response via : Initial Calibration

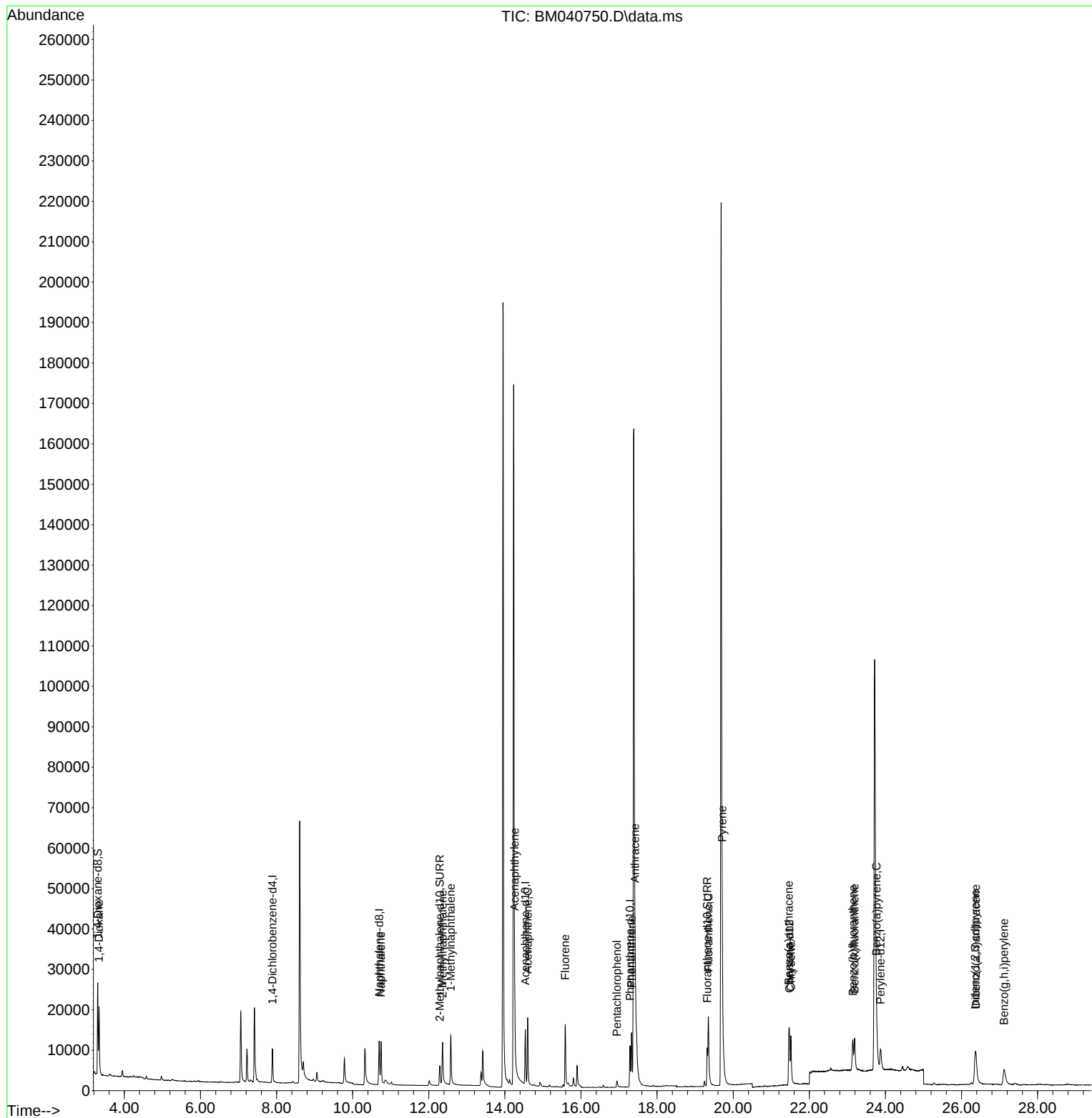
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	4626	0.400	ng/ul	0.00
4) Naphthalene-d8	10.696	136	17027	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.536	164	8007	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.286	188	14956	0.400	ng/ul	-0.01
17) Chrysene-d12	21.480	240	9839	0.400	ng/ul	0.00
23) Perylene-d12	23.871	264	8502	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	13345	1.837	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	8582	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	13901	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	10069	1.361	ng/ul	88
5) Naphthalene	10.746	128	16305	0.347	ng/ul	99
7) 2-Methylnaphthalene	12.363	142	9802	0.355	ng/ul	98
8) 1-Methylnaphthalene	12.577	142	9452	0.343	ng/ul	99
10) Acenaphthylene	14.254	152	14882	0.416	ng/ul	99
11) Acenaphthene	14.601	153	10475	0.347	ng/ul	98
12) Fluorene	15.587	166	11734	0.364	ng/ul	99
14) Pentachlorophenol	16.944	266	1589	0.552	ng/ul	92
15) Phenanthrene	17.329	178	16847	0.363	ng/ul	99
16) Anthracene	17.421	178	18152	0.465	ng/ul	98
19) Fluoranthene	19.348	202	17667	0.423	ng/ul	99
20) Pyrene	19.710	202	18762	0.419	ng/ul#	94
21) Benzo(a)anthracene	21.463	228	13651	0.410	ng/ul	98
22) Chrysene	21.515	228	14089	0.371	ng/ul	97
24) Benzo(b)fluoranthene	23.143	252	12941	0.393	ng/ul	89
25) Benzo(k)fluoranthene	23.190	252	13154	0.406	ng/ul#	89
26) Benzo(a)pyrene	23.766	252	11641	0.393	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.357	276	14538	0.352	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.377	278	11418	0.353	ng/ul#	91
29) Benzo(g,h,i)perylene	27.118	276	12650	0.350	ng/ul	94

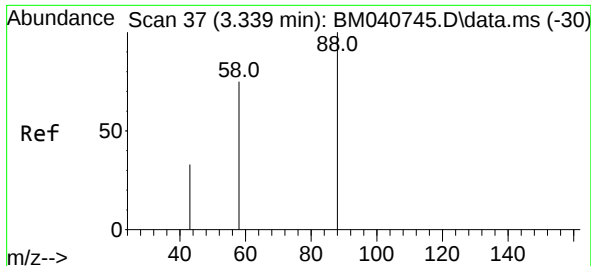
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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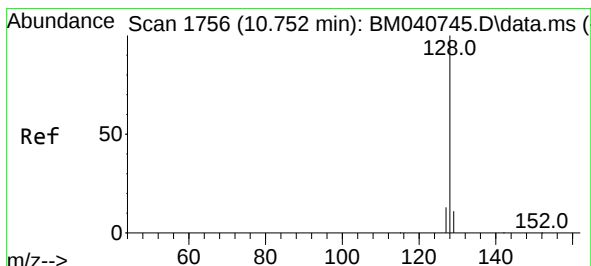
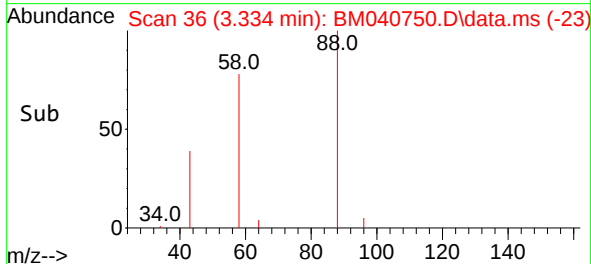
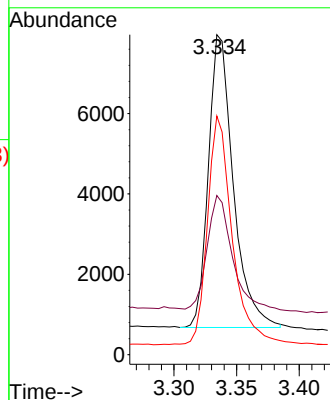
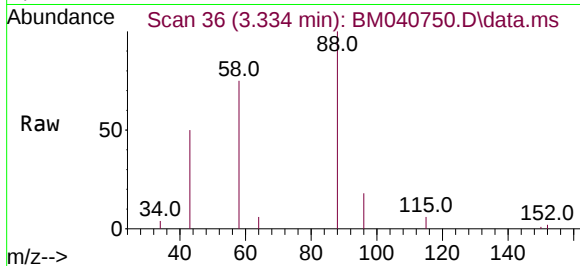




#2
1,4-Dioxane
Concen: 1.361 ng/ul
RT: 3.334 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

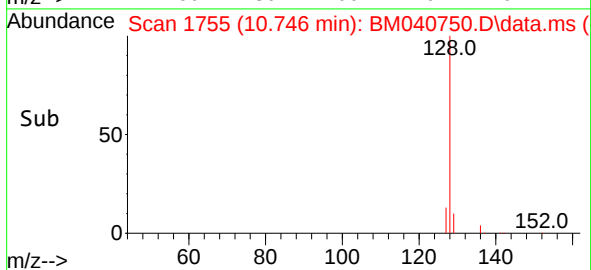
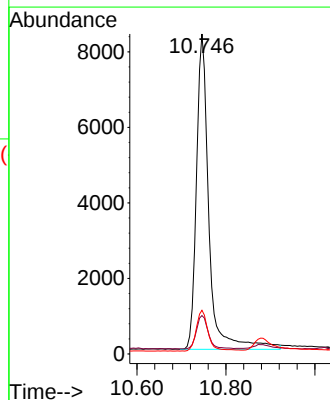
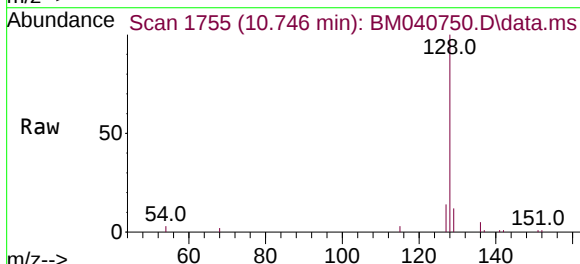
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BNA_M
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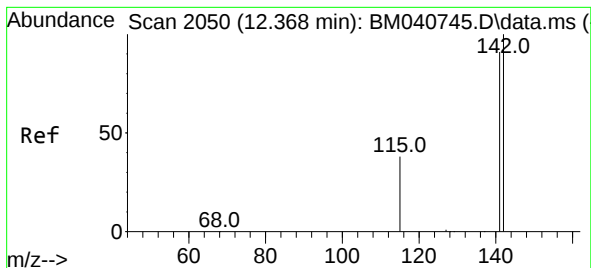
Tgt Ion: 88 Resp: 10069
Ion Ratio Lower Upper
88 100
43 49.7 36.1 54.1
58 74.6 49.8 74.8



#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.746 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

Tgt Ion: 128 Resp: 16305
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.6 10.6 15.8





#7

2-Methylnaphthalene

Concen: 0.355 ng/ul

RT: 12.363 min Scan# 2049

Delta R.T. -0.006 min

Lab File: BM040750.D

Acq: 08 Jul 2023 21:39

Instrument :

BNA_M

ClientSampleId :

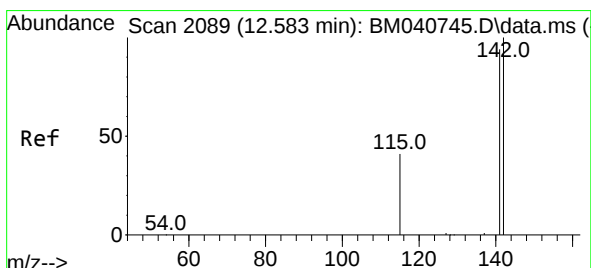
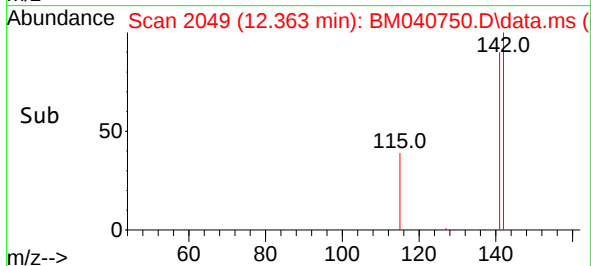
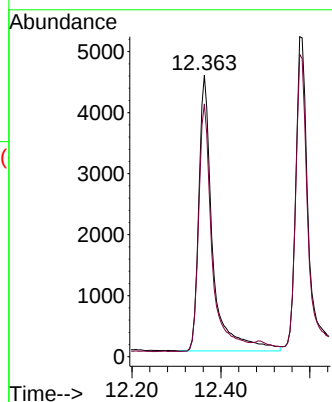
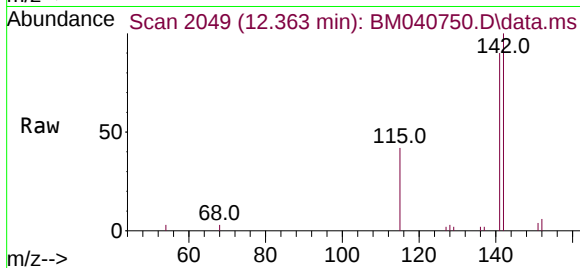
YBTY3MS

Tgt Ion:142 Resp: 9802

Ion Ratio Lower Upper

142 100

141 92.2 71.9 107.9



#8

1-Methylnaphthalene

Concen: 0.343 ng/ul

RT: 12.577 min Scan# 2088

Delta R.T. -0.011 min

Lab File: BM040750.D

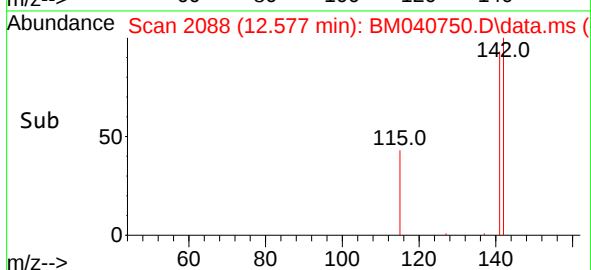
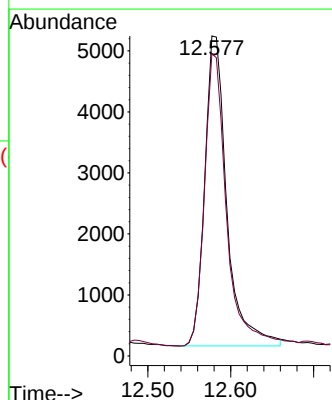
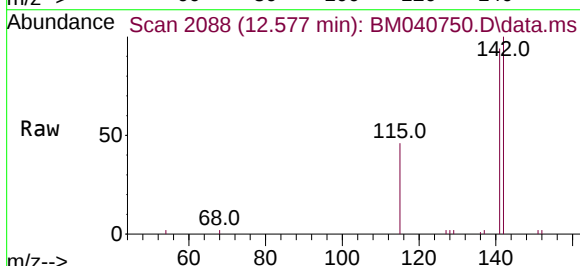
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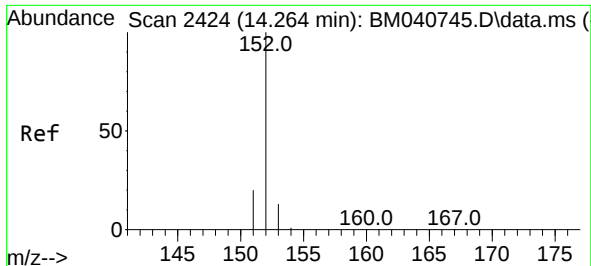
Tgt Ion:142 Resp: 9452

Ion Ratio Lower Upper

142 100

141 93.5 73.7 110.5

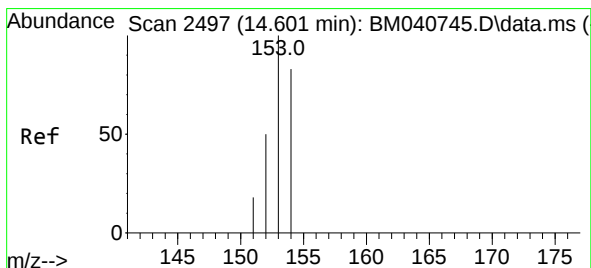
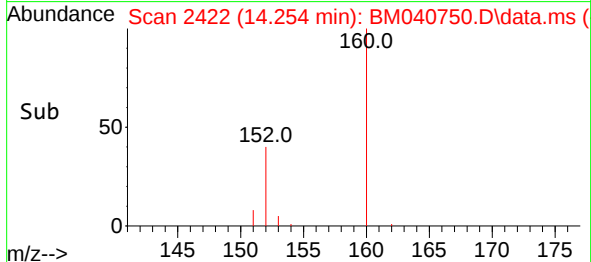
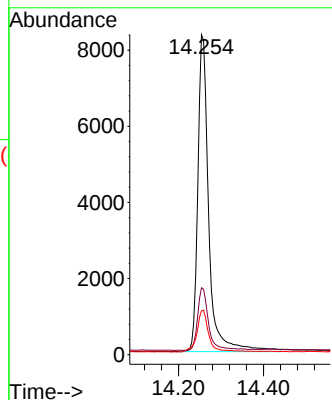
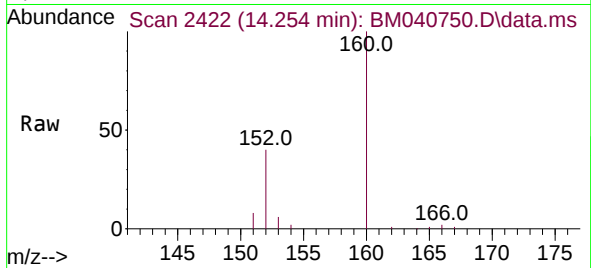




#10
Acenaphthylene
Concen: 0.416 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

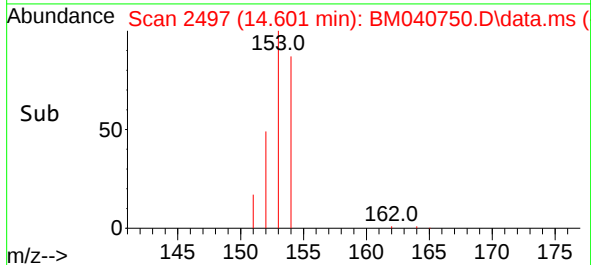
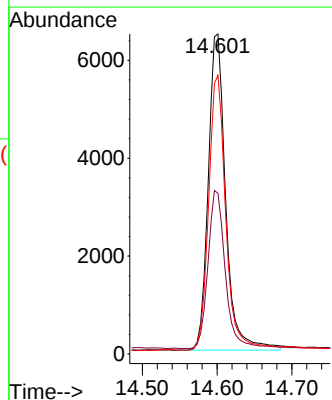
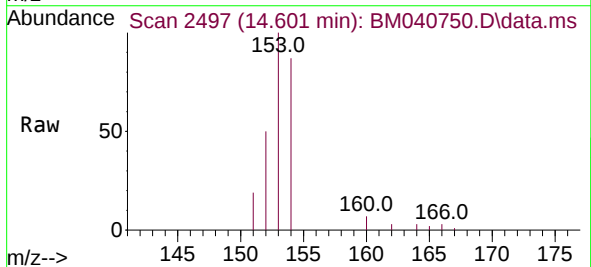
Instrument :
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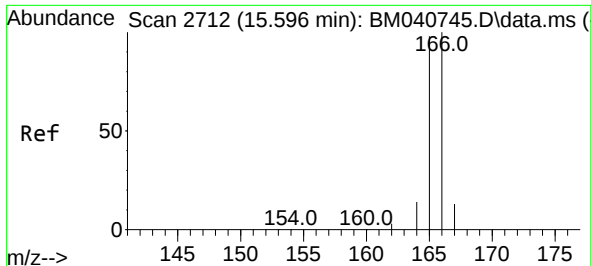
Tgt Ion:152 Resp: 14882
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.347 ng/ul
RT: 14.601 min Scan# 2497
Delta R.T. -0.005 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

Tgt Ion:153 Resp: 10475
Ion Ratio Lower Upper
153 100
152 50.2 41.0 61.4
154 87.0 70.8 106.2

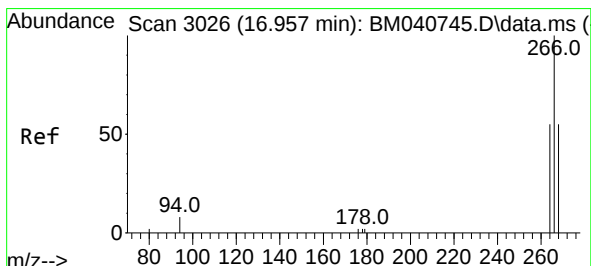
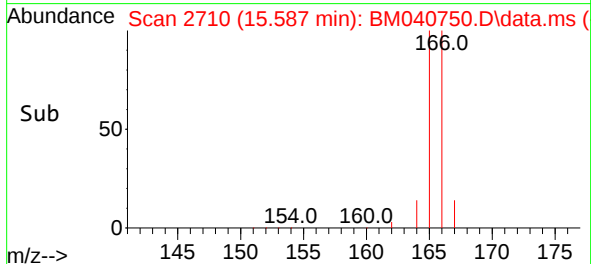
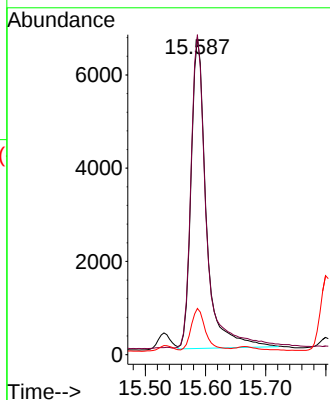
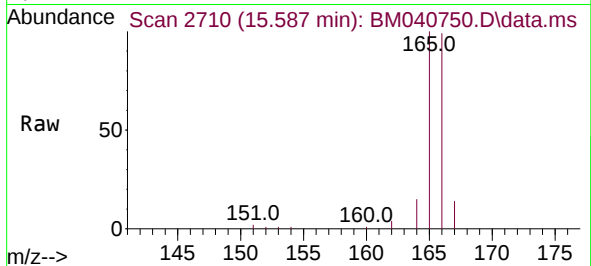




#12
Fluorene
Concen: 0.364 ng/ul
RT: 15.587 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

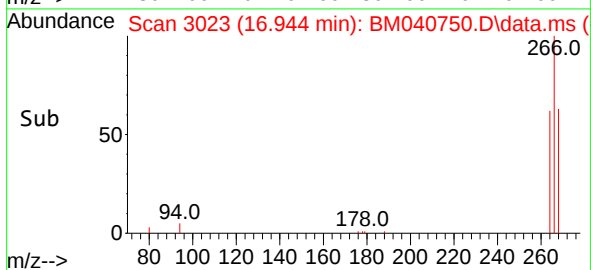
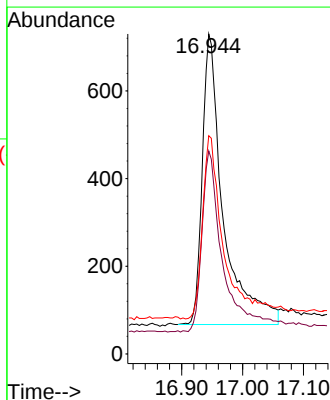
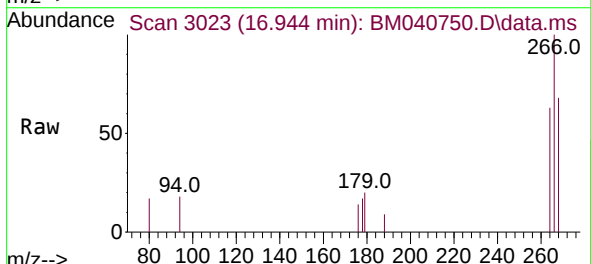
Instrument :
BNA_M
ClientSampleId :
YBTY3MS

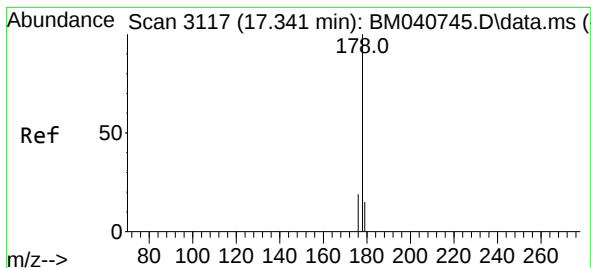
Tgt Ion:166 Resp: 11734
Ion Ratio Lower Upper
166 100
165 100.9 79.6 119.4
167 14.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.552 ng/ul
RT: 16.944 min Scan# 3023
Delta R.T. -0.013 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

Tgt Ion:266 Resp: 1589
Ion Ratio Lower Upper
266 100
264 63.1 45.4 68.0
268 64.3 47.2 70.8





#15

Phenanthrene

Concen: 0.363 ng/u1

RT: 17.329 min Scan# 3114

Delta R.T. -0.013 min

Lab File: BM040750.D

Acq: 08 Jul 2023 21:39

Instrument :

BNA_M

ClientSampleId :

YBTY3MS

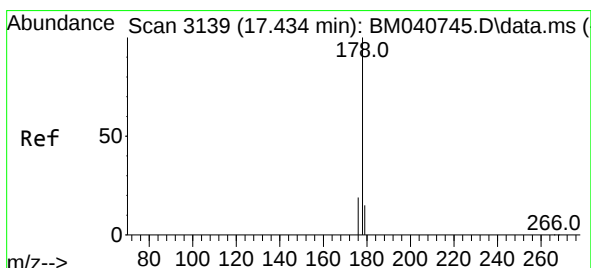
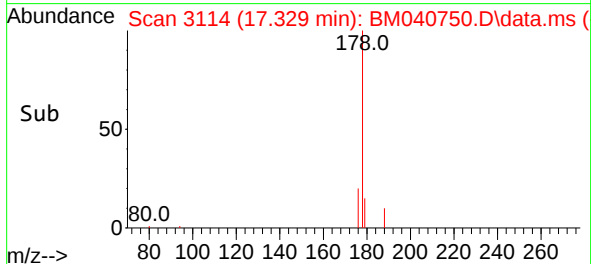
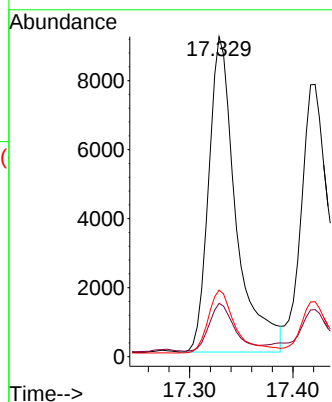
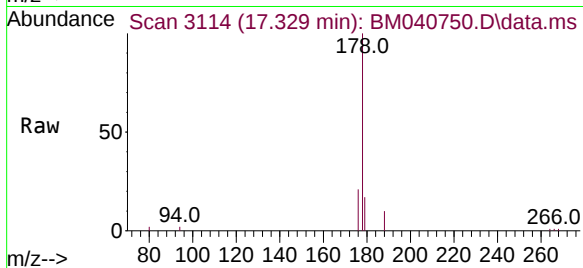
Tgt Ion:178 Resp: 16847

Ion Ratio Lower Upper

178 100

179 16.7 12.8 19.2

176 20.8 16.4 24.6



#16

Anthracene

Concen: 0.465 ng/u1

RT: 17.421 min Scan# 3136

Delta R.T. -0.017 min

Lab File: BM040750.D

Acq: 08 Jul 2023 21:39

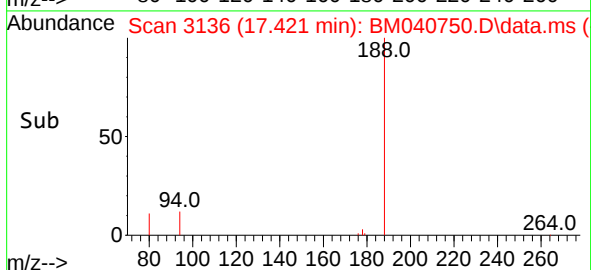
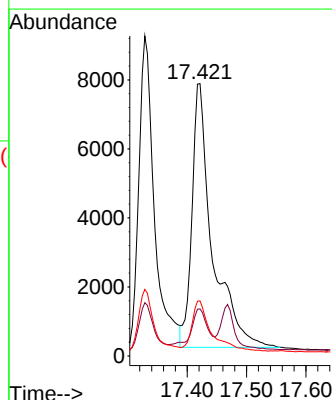
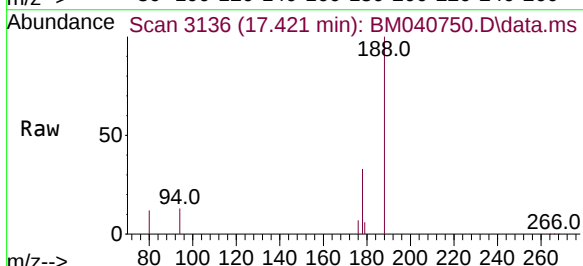
Tgt Ion:178 Resp: 18152

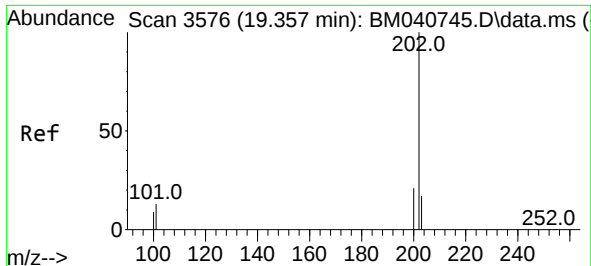
Ion Ratio Lower Upper

178 100

179 17.3 12.9 19.3

176 20.2 15.8 23.6

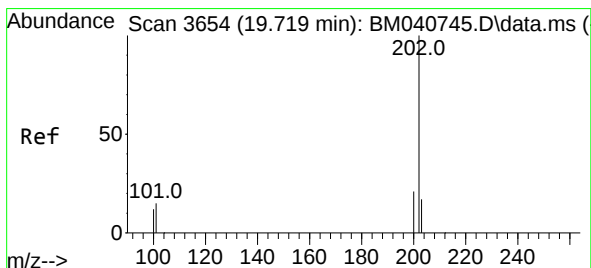
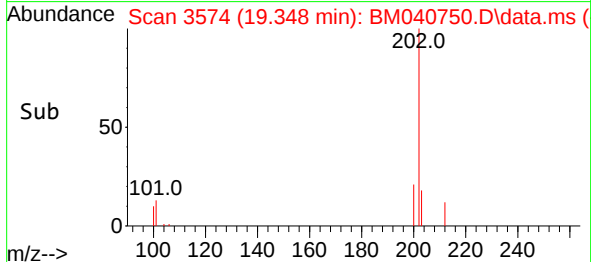
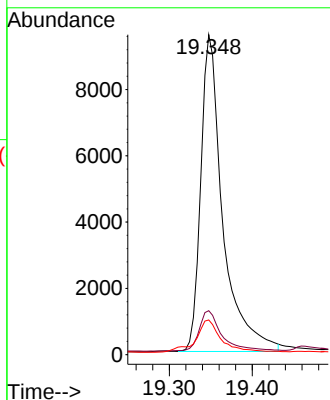
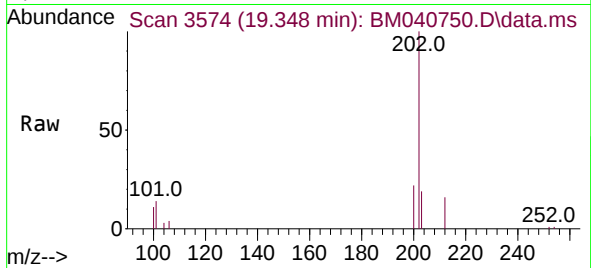




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.348 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

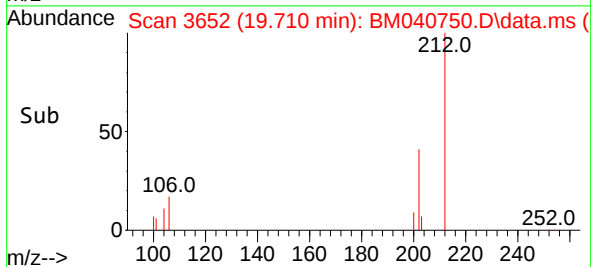
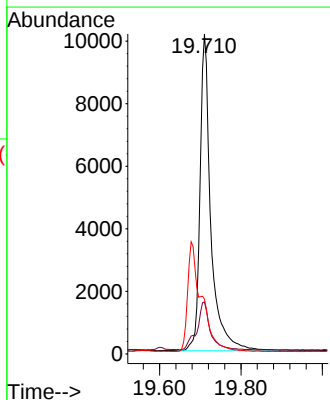
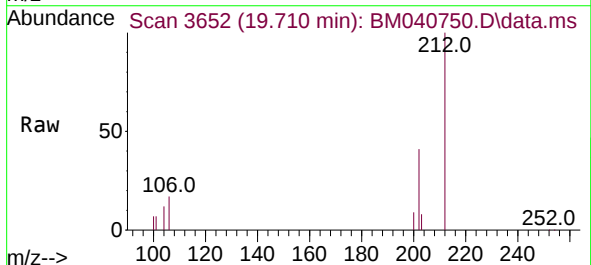
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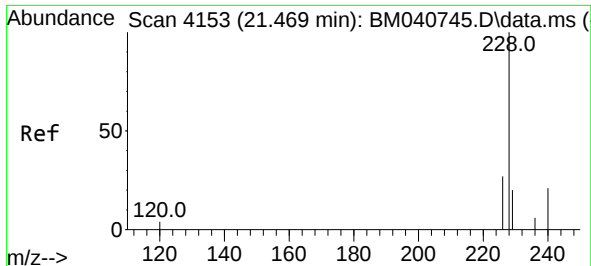
Tgt Ion:202 Resp: 17667
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 10.9 8.7 13.1



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

Tgt Ion:202 Resp: 18762
Ion Ratio Lower Upper
202 100
101 16.2 12.6 18.8
100 17.1 9.8 14.6#

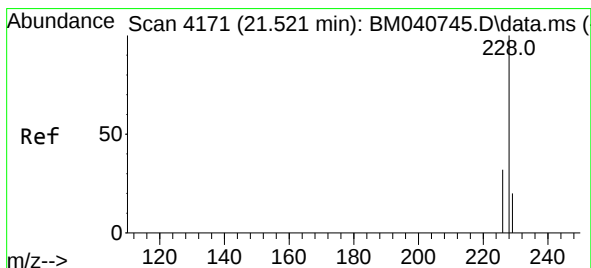
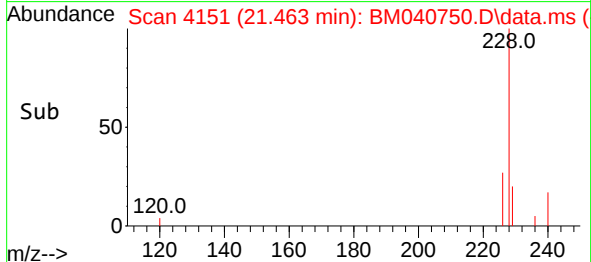
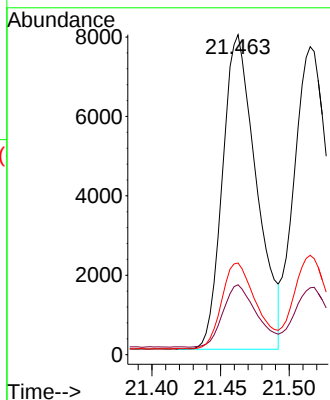
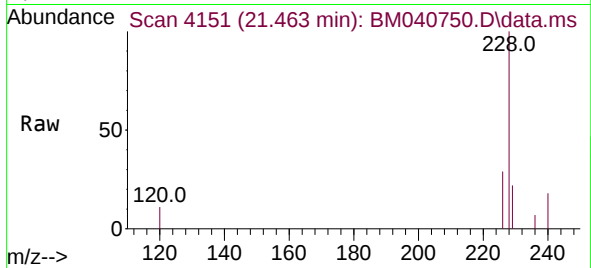




#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.463 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

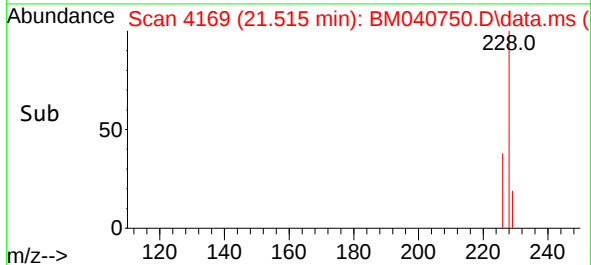
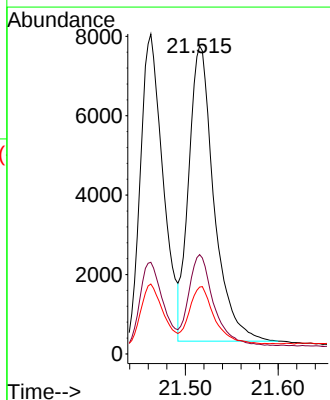
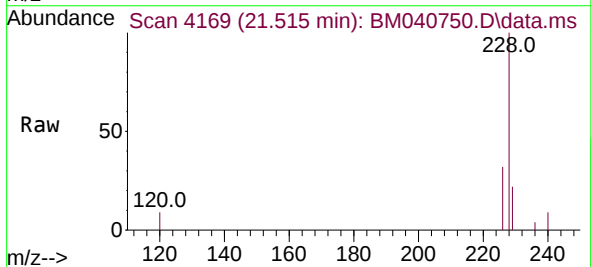
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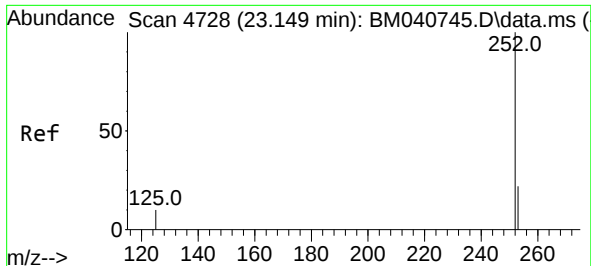
Tgt Ion:	228	Resp:	13651
Ion Ratio	Lower	Upper	
228	100		
229	21.8	16.0	24.0
226	28.6	22.3	33.5



#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.515 min Scan# 4169
Delta R.T. -0.009 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

Tgt Ion:	228	Resp:	14089
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.9	37.3
229	21.7	15.8	23.6

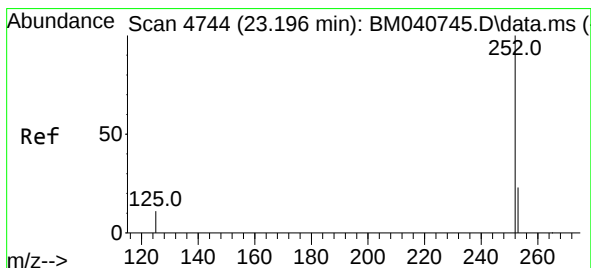
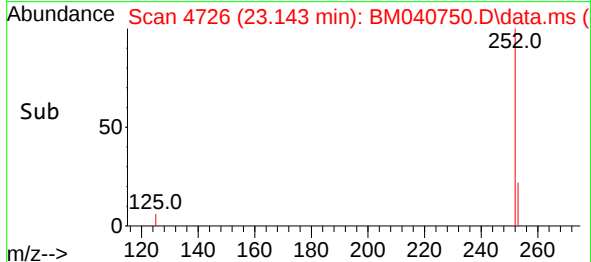
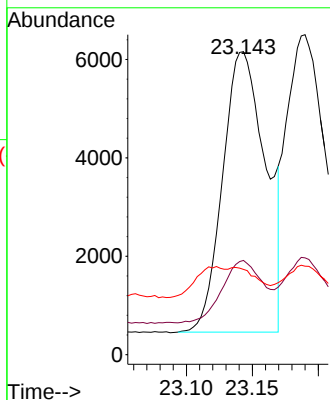
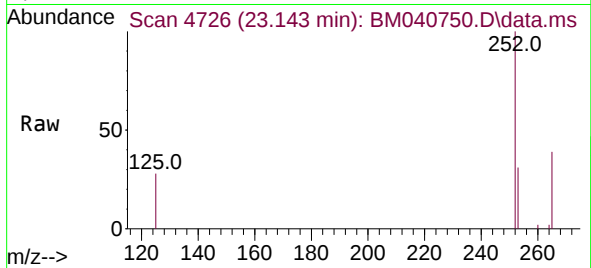




#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 23.143 min Scan# 4726
Delta R.T. -0.009 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

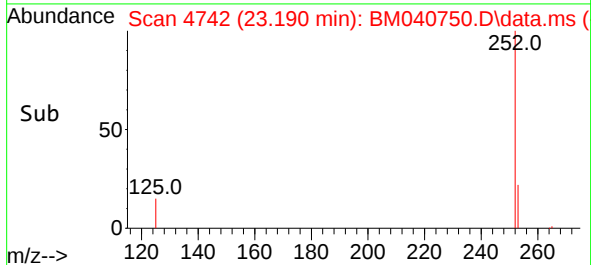
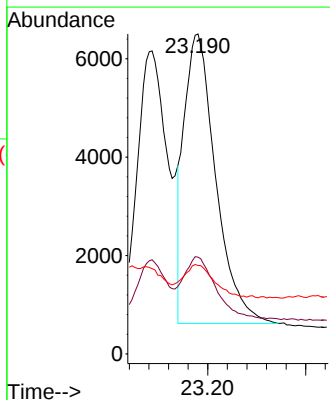
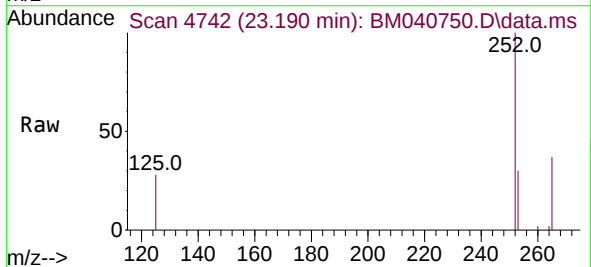
Instrument :
BNA_M
ClientSampleId :
YBTY3MS

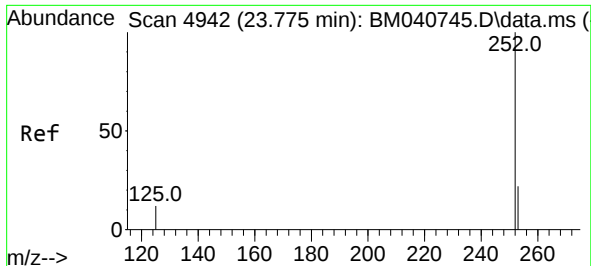
Tgt Ion:252	Resp:	12941
Ion Ratio	Lower	Upper
252	100	
253	31.1	0.0 52.8
125	28.2	0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.406 ng/ul
RT: 23.190 min Scan# 4742
Delta R.T. -0.012 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

Tgt Ion:252	Resp:	13154
Ion Ratio	Lower	Upper
252	100	
253	30.2	21.2 31.8
125	27.6	16.4 24.6

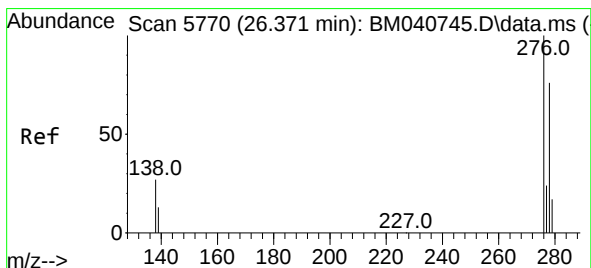
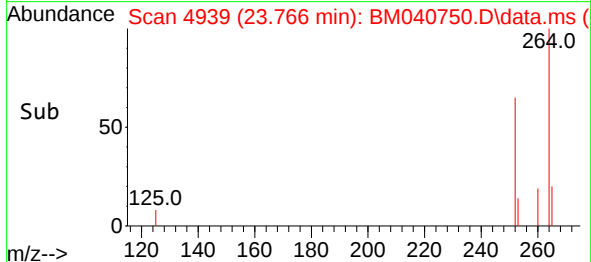
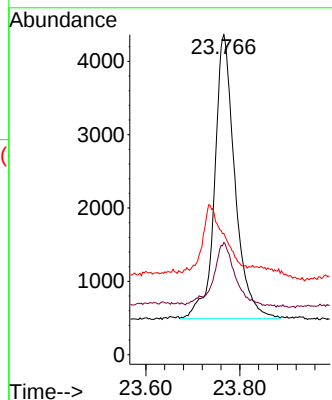
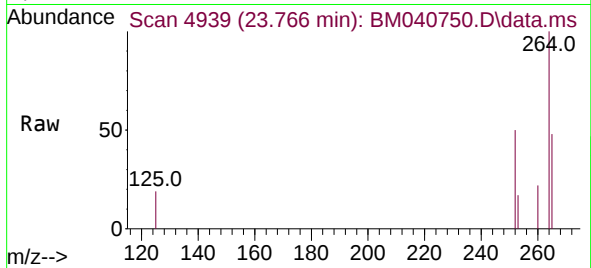




#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.766 min Scan# 4939
Delta R.T. -0.015 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

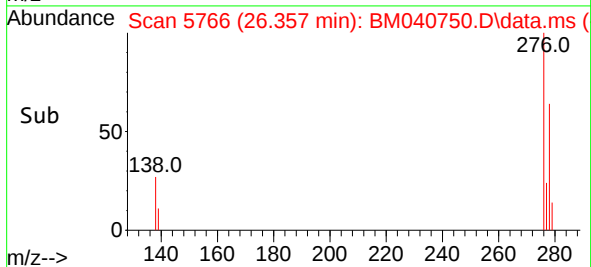
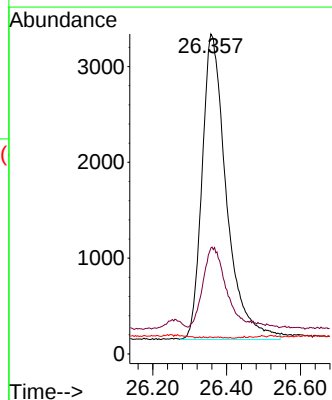
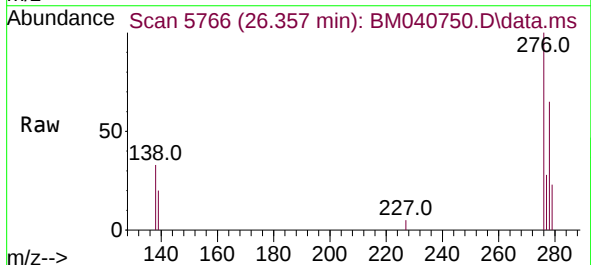
Instrument :
BNA_M
ClientSampleId :
YBTY3MS

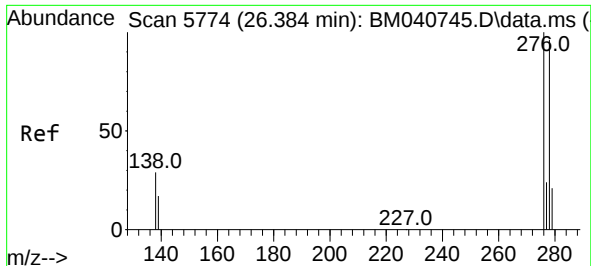
Tgt Ion:252 Resp: 11641
Ion Ratio Lower Upper
252 100
253 35.1 22.9 34.3#
125 37.9 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.357 min Scan# 5766
Delta R.T. -0.020 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

Tgt Ion:276 Resp: 14538
Ion Ratio Lower Upper
276 100
138 25.4 24.5 36.7
227 0.0 0.1 0.1#

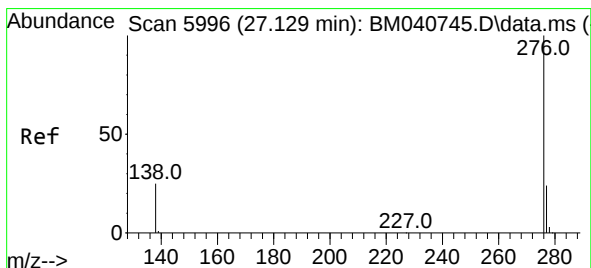
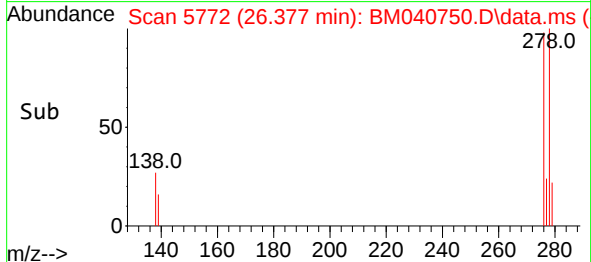
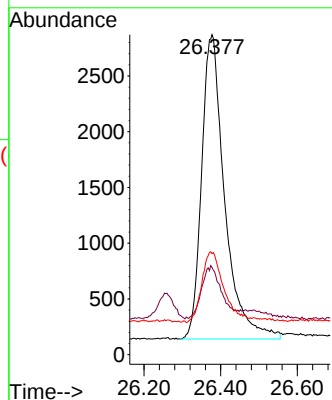
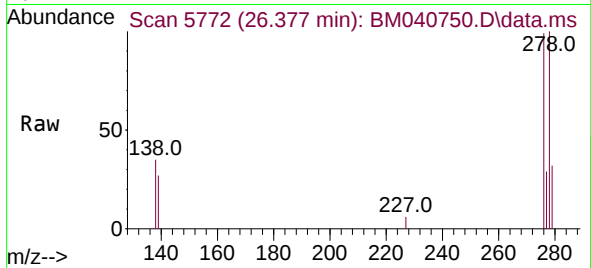




#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 26.377 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

Instrument :
BNA_M
ClientSampleId :
YBTY3MS

Tgt Ion:278 Resp: 11418
Ion Ratio Lower Upper
278 100
139 27.2 17.9 26.9#
279 31.6 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.350 ng/ul
RT: 27.118 min Scan# 5993
Delta R.T. -0.017 min
Lab File: BM040750.D
Acq: 08 Jul 2023 21:39

Tgt Ion:276 Resp: 12650
Ion Ratio Lower Upper
276 100
138 32.0 23.0 34.6
277 28.3 20.3 30.5

