

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040751.D
 Acq On : 08 Jul 2023 22:16
 Operator : MA/JU
 Sample : 03348-08MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YBTY3MSD

Quant Time: Jul 08 23:33:19 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)

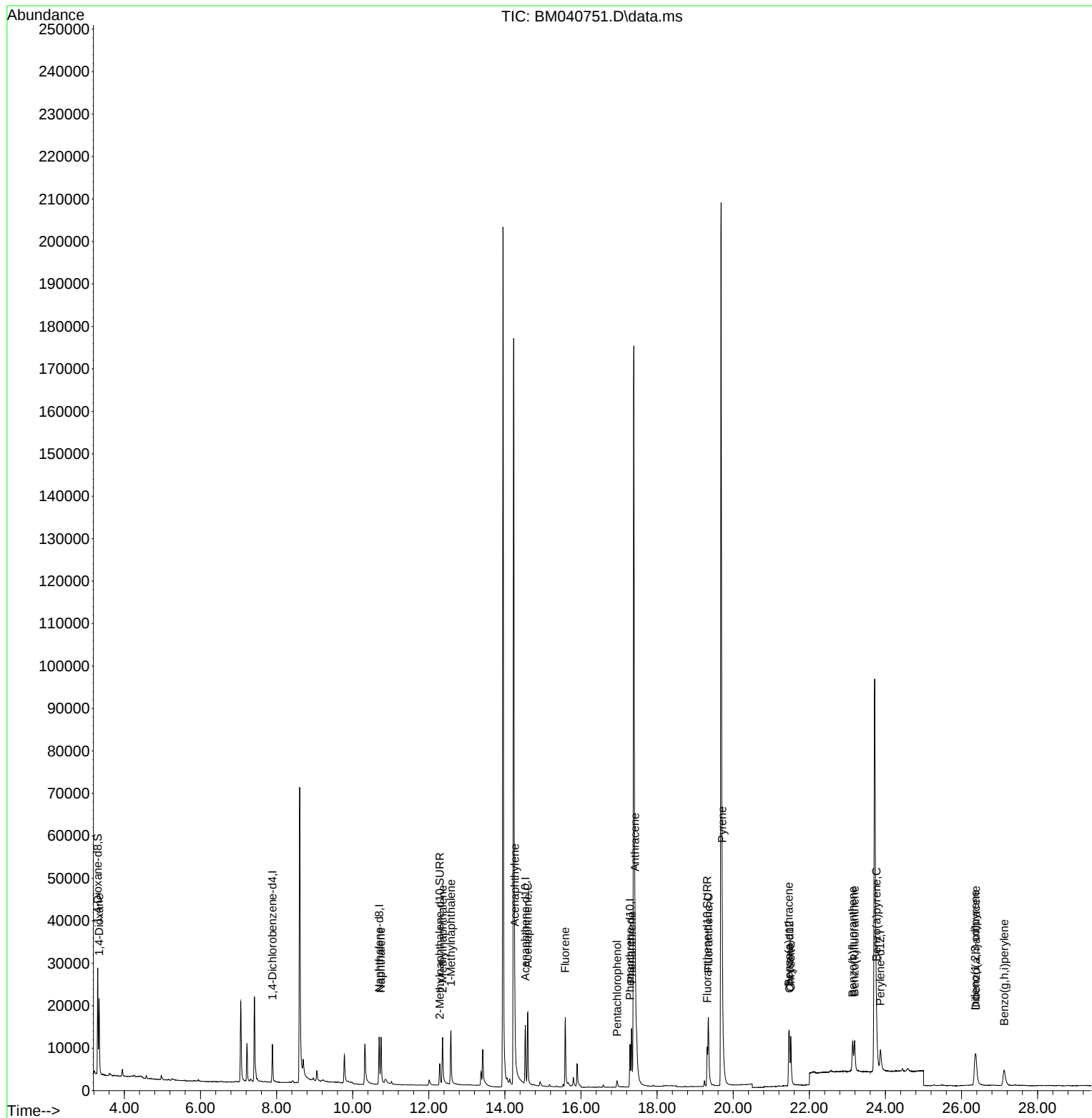
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	4852	0.400	ng/ul	0.00
4) Naphthalene-d8	10.696	136	17498	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.536	164	8071	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.286	188	14692	0.400	ng/ul	-0.01
17) Chrysene-d12	21.477	240	8850	0.400	ng/ul	-0.01
23) Perylene-d12	23.868	264	7525	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	13997	1.837	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	8957	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	13469	0.475	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.338	88	10800	1.392	ng/ul	92
5) Naphthalene	10.746	128	17140	0.355	ng/ul	99
7) 2-Methylnaphthalene	12.363	142	10239	0.361	ng/ul	98
8) 1-Methylnaphthalene	12.583	142	9919	0.350	ng/ul	100
10) Acenaphthylene	14.259	152	15303	0.424	ng/ul	98
11) Acenaphthene	14.601	153	10806	0.355	ng/ul	99
12) Fluorene	15.587	166	12031	0.370	ng/ul	99
14) Pentachlorophenol	16.949	266	1630	0.576	ng/ul	94
15) Phenanthrene	17.328	178	17153	0.376	ng/ul	99
16) Anthracene	17.421	178	18020	0.470	ng/ul	98
19) Fluoranthene	19.348	202	17162	0.457	ng/ul	98
20) Pyrene	19.710	202	18170	0.451	ng/ul#	94
21) Benzo(a)anthracene	21.463	228	12628	0.422	ng/ul	99
22) Chrysene	21.512	228	13083	0.383	ng/ul	98
24) Benzo(b)fluoranthene	23.137	252	11672	0.401	ng/ul	90
25) Benzo(k)fluoranthene	23.187	252	12460	0.434	ng/ul#	90
26) Benzo(a)pyrene	23.766	252	10805	0.412	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.357	276	13874	0.380	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.374	278	10993	0.384	ng/ul	92
29) Benzo(g,h,i)perylene	27.122	276	11868	0.371	ng/ul	96

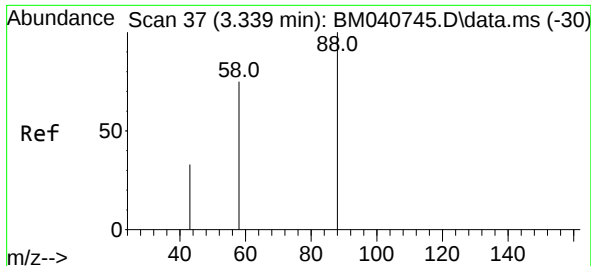
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
Data File : BM040751.D
Acq On : 08 Jul 2023 22:16
Operator : MA/JU
Sample : 03348-08MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Quant Time: Jul 08 23:33:19 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

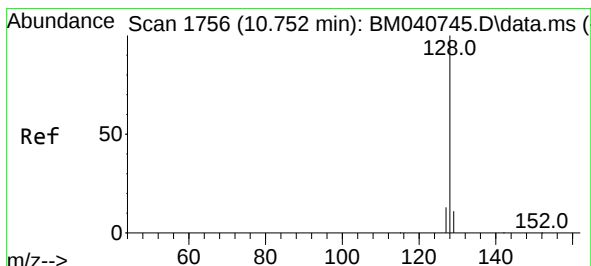
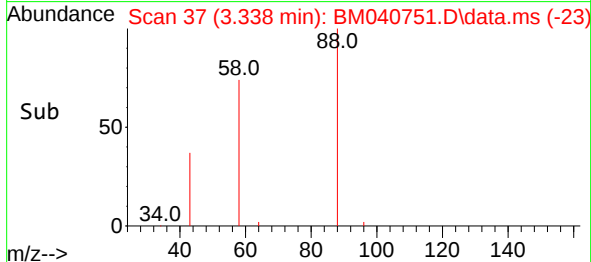
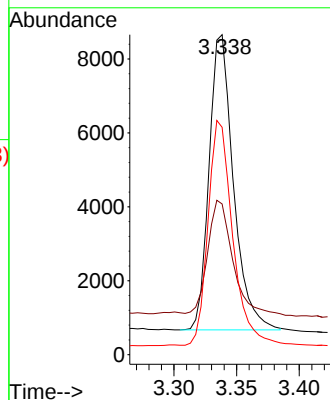
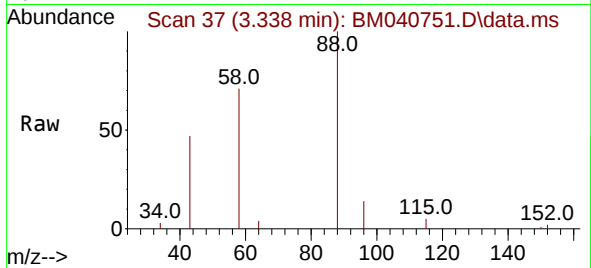




#2
1,4-Dioxane
Concen: 1.392 ng/ul
RT: 3.338 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

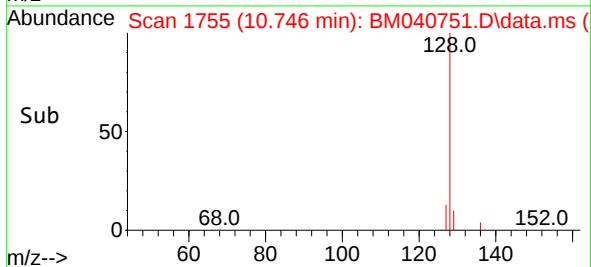
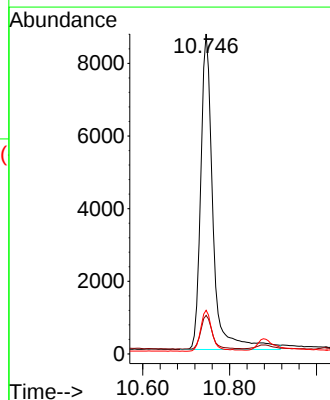
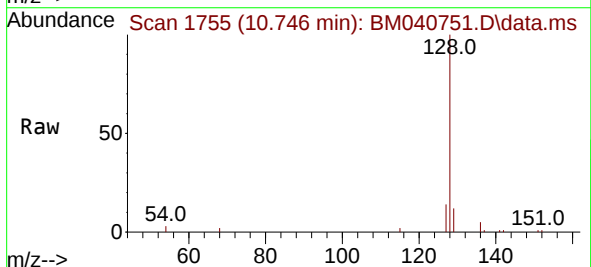
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

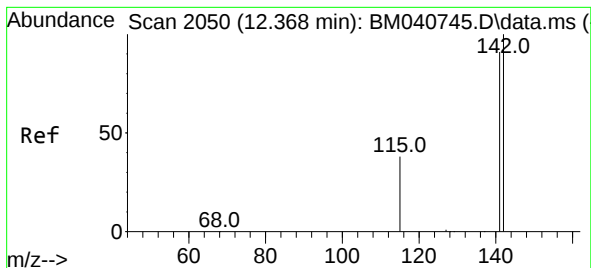
Tgt Ion: 88 Resp: 10800
Ion Ratio Lower Upper
88 100
43 47.1 36.1 54.1
58 71.1 49.8 74.8



#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.746 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion: 128 Resp: 17140
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.6 10.6 15.8

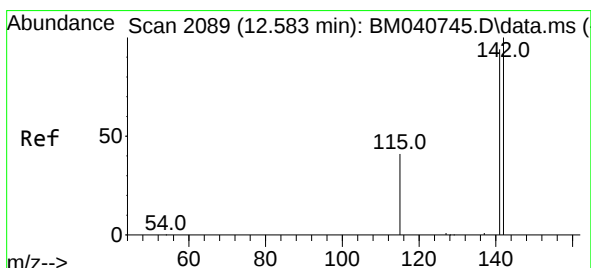
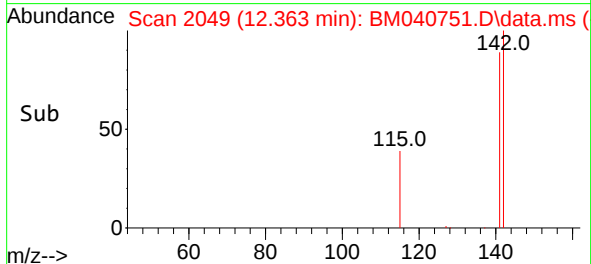
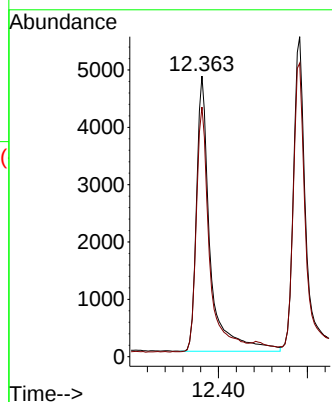
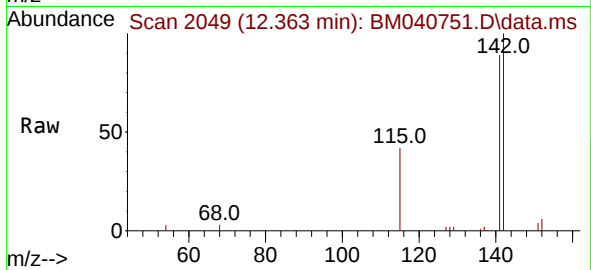




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.363 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

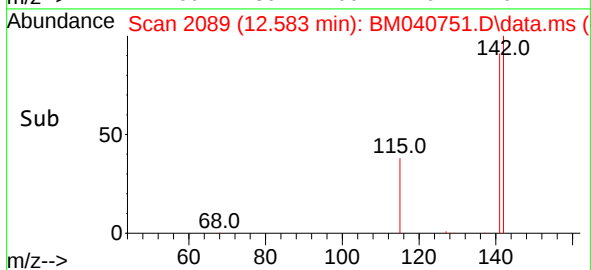
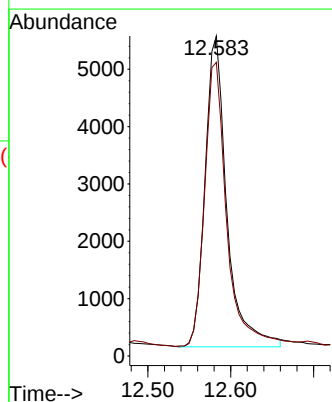
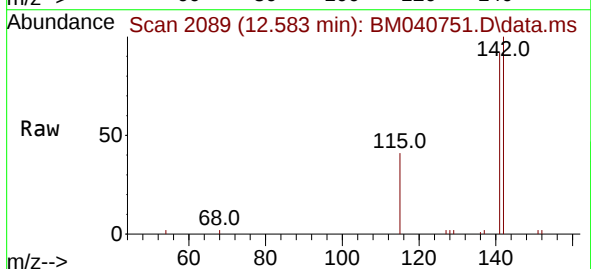
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

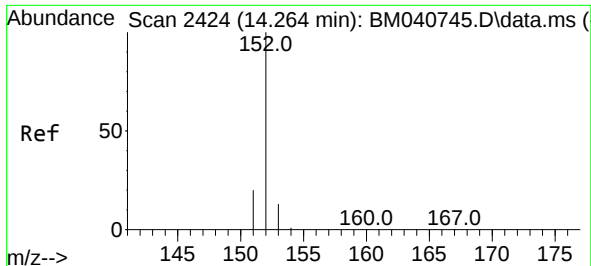
Tgt Ion:142 Resp: 10239
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.583 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:142 Resp: 9919
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5

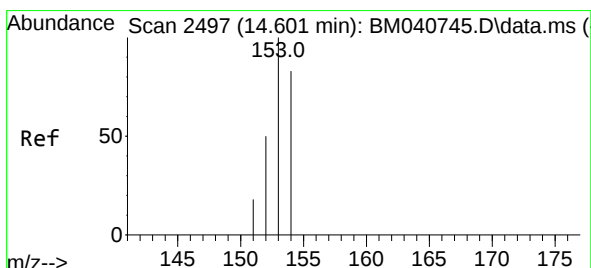
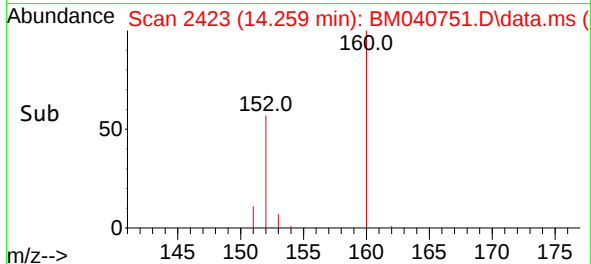
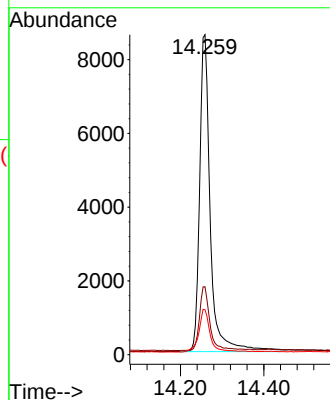
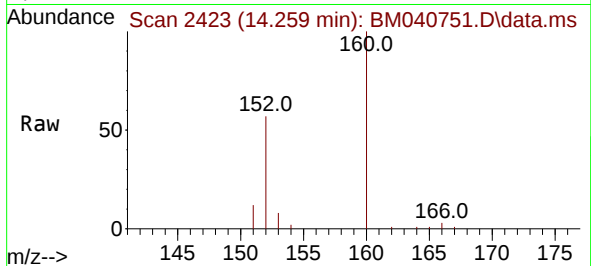




#10
Acenaphthylene
Concen: 0.424 ng/ul
RT: 14.259 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

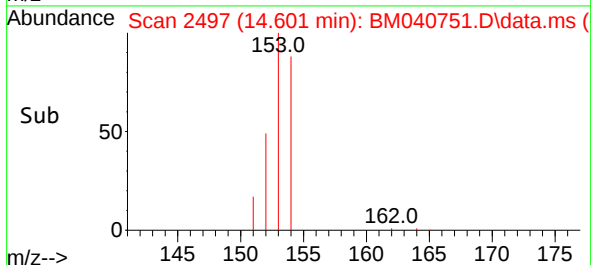
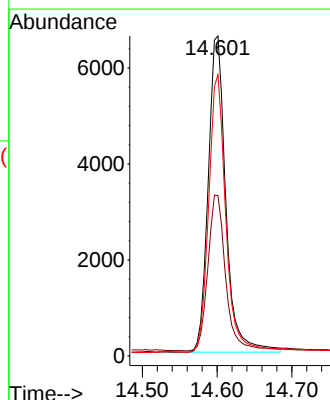
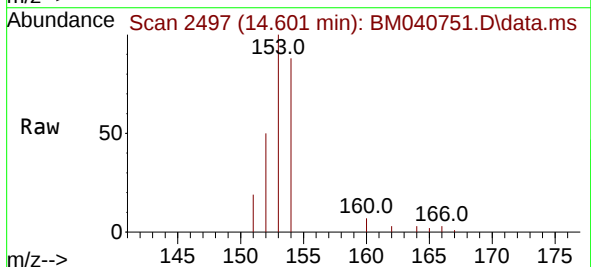
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

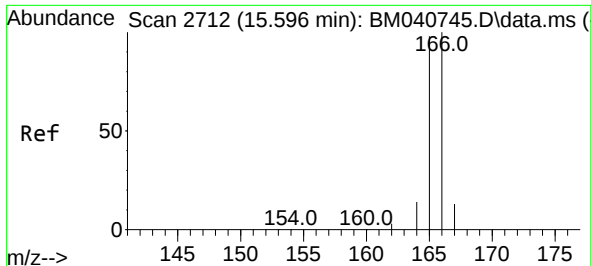
Tgt Ion:152 Resp: 15303
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.2
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.601 min Scan# 2497
Delta R.T. -0.005 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:153 Resp: 10806
Ion Ratio Lower Upper
153 100
152 50.2 41.0 61.4
154 87.9 70.8 106.2

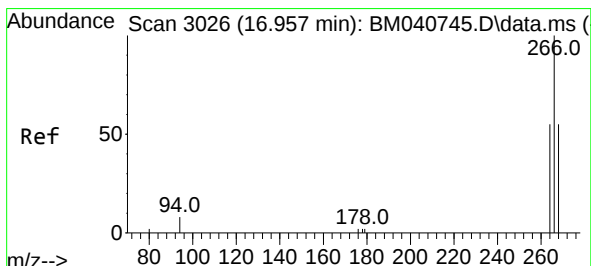
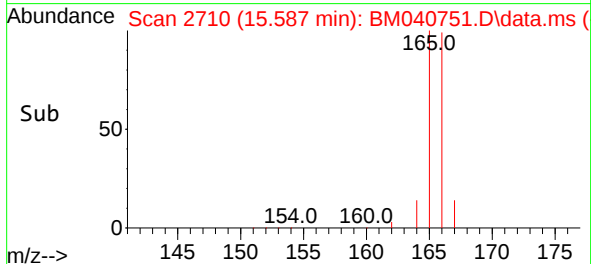
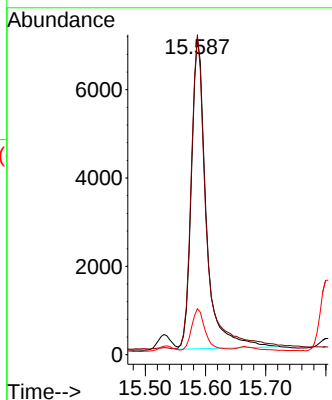
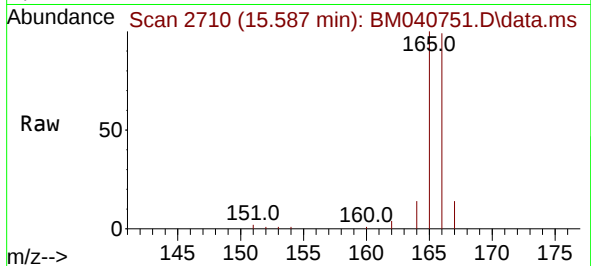




#12
Fluorene
Concen: 0.370 ng/ul
RT: 15.587 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

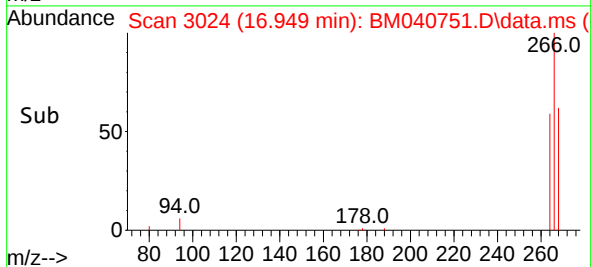
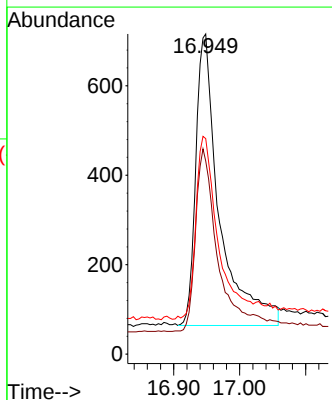
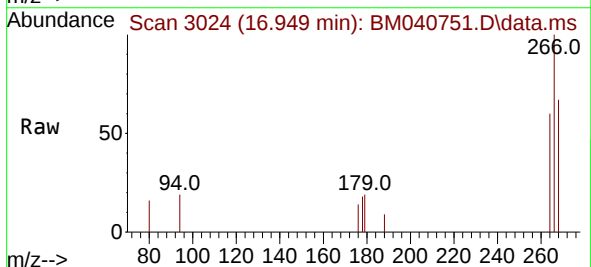
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

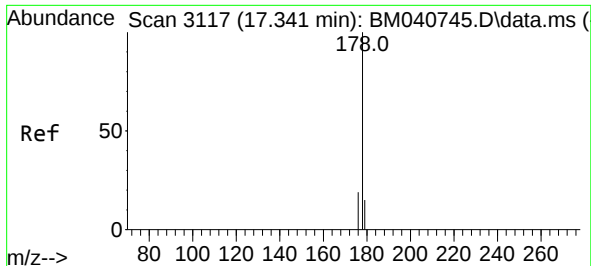
Tgt Ion:166 Resp: 12031
Ion Ratio Lower Upper
166 100
165 101.0 79.6 119.4
167 14.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.576 ng/ul
RT: 16.949 min Scan# 3024
Delta R.T. -0.009 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:266 Resp: 1630
Ion Ratio Lower Upper
266 100
264 60.9 45.4 68.0
268 63.3 47.2 70.8

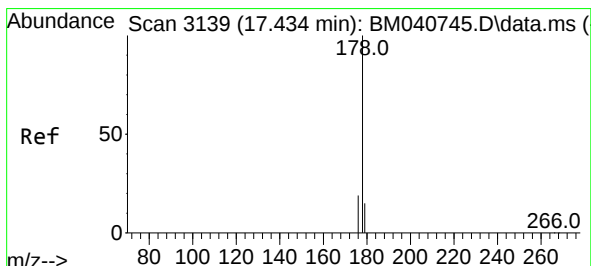
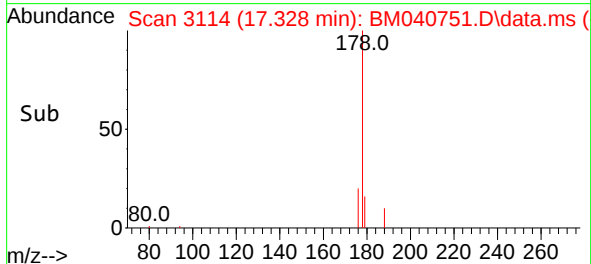
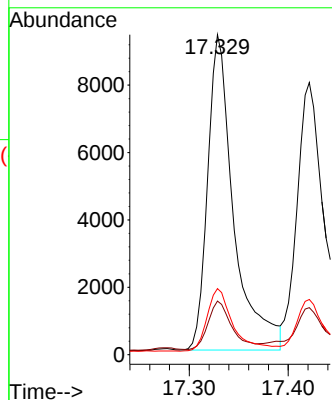
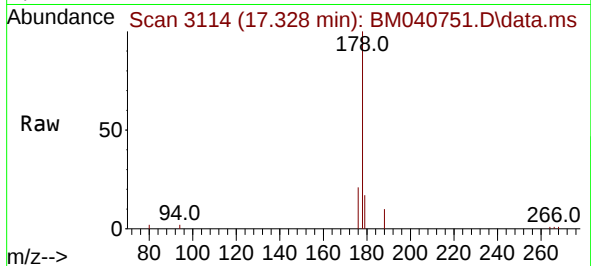




#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.328 min Scan# 3114
Delta R.T. -0.013 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

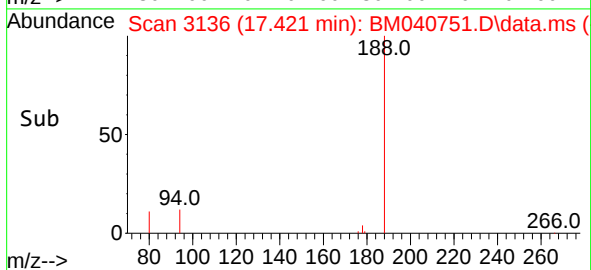
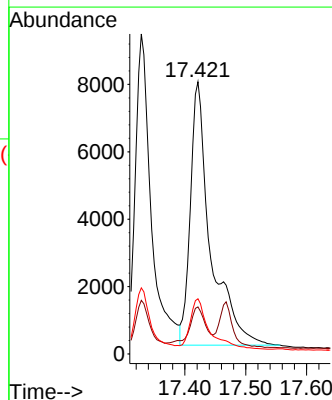
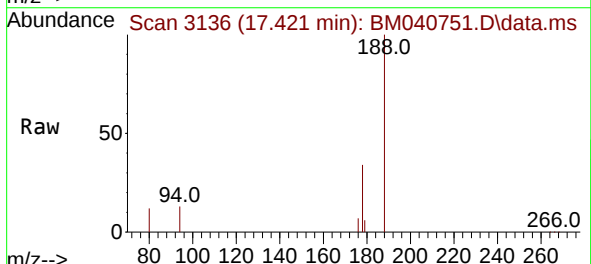
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

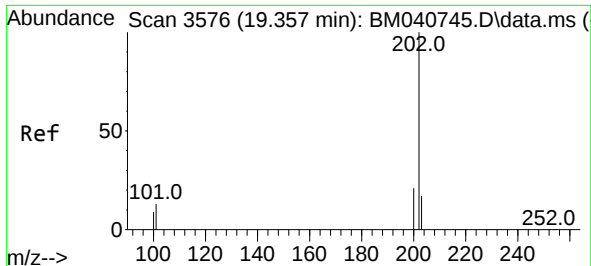
Tgt Ion:178 Resp: 17153
Ion Ratio Lower Upper
178 100
179 16.8 12.8 19.2
176 20.7 16.4 24.6



#16
Anthracene
Concen: 0.470 ng/ul
RT: 17.421 min Scan# 3136
Delta R.T. -0.017 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:178 Resp: 18020
Ion Ratio Lower Upper
178 100
179 17.3 12.9 19.3
176 20.3 15.8 23.6

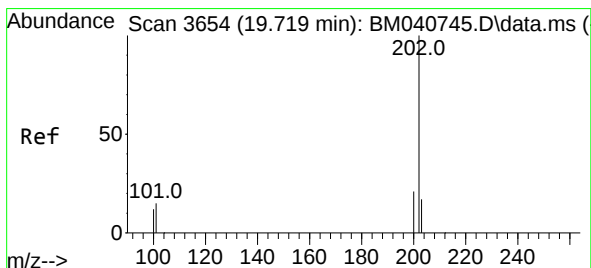
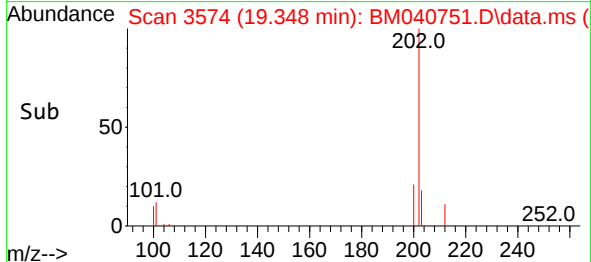
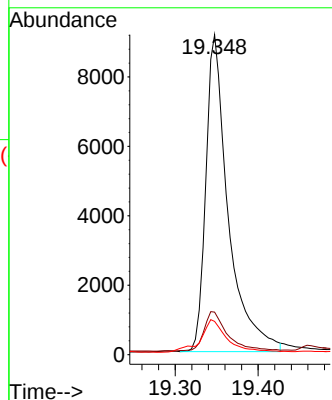
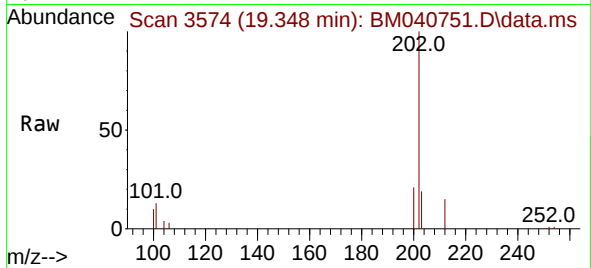




#19
Fluoranthene
Concen: 0.457 ng/ul
RT: 19.348 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

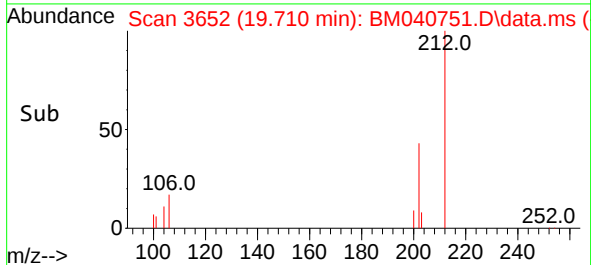
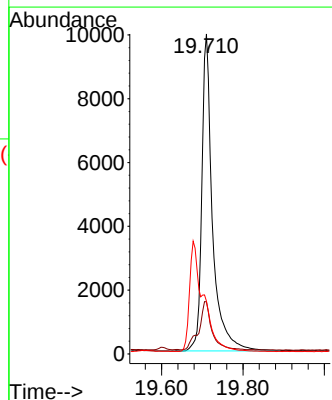
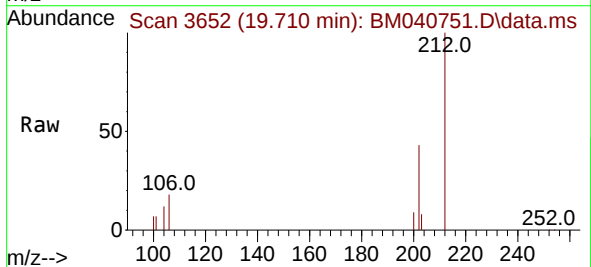
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

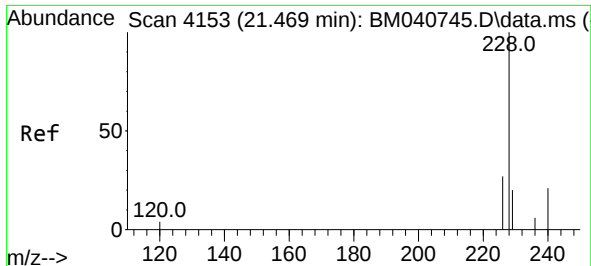
Tgt Ion:202 Resp: 17162
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.4 8.7 13.1



#20
Pyrene
Concen: 0.451 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:202 Resp: 18170
Ion Ratio Lower Upper
202 100
101 16.3 12.6 18.8
100 16.5 9.8 14.6#

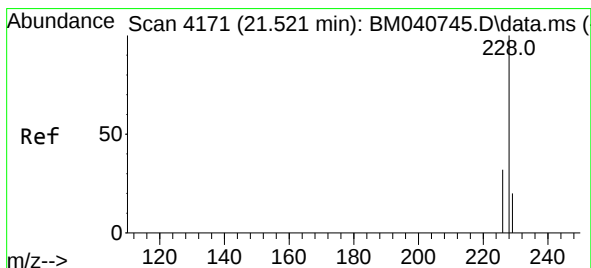
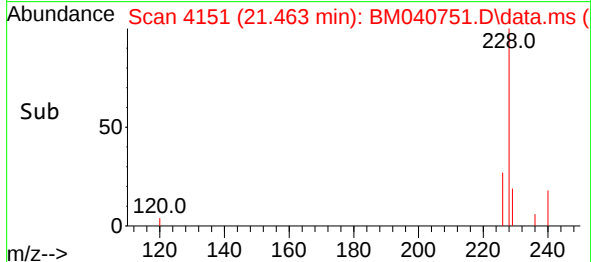
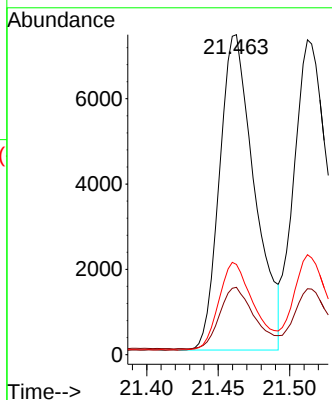
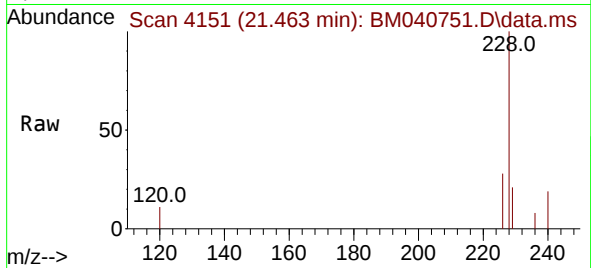




#21
Benzo(a)anthracene
Concen: 0.422 ng/ul
RT: 21.463 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

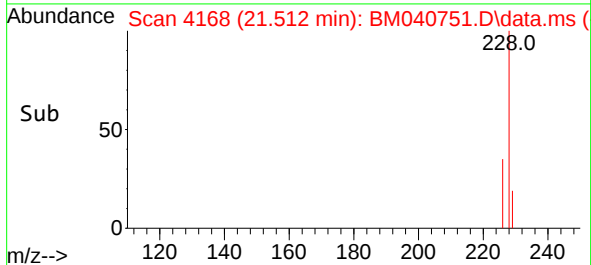
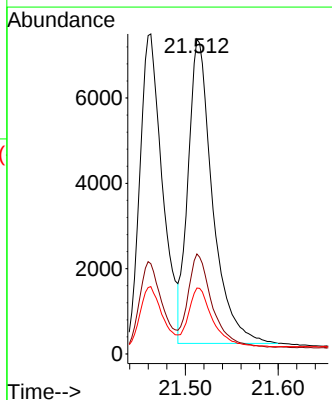
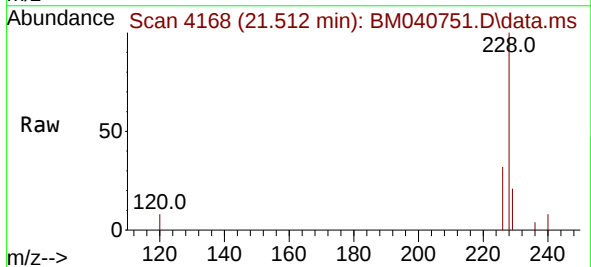
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

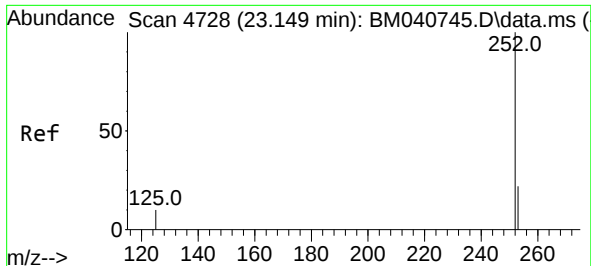
Tgt Ion:228 Resp: 12628
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.2 22.3 33.5



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.512 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:228 Resp: 13083
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 20.9 15.8 23.6

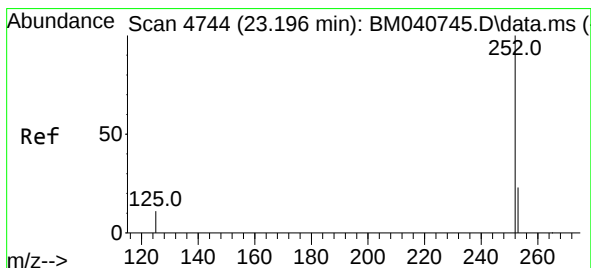
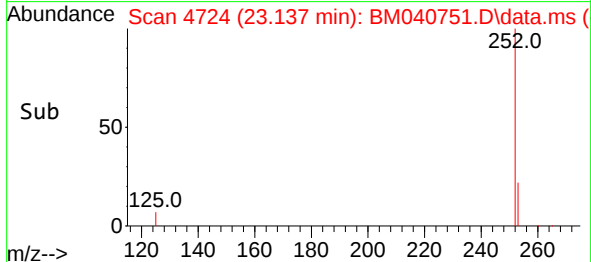
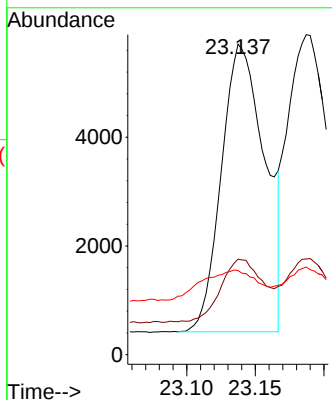
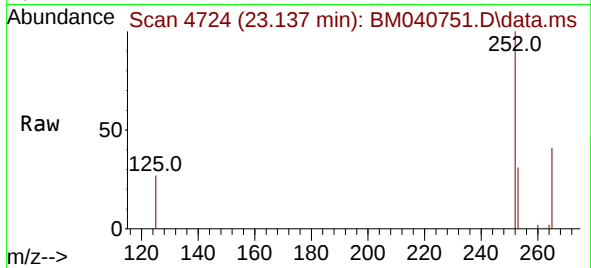




#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.137 min Scan# 4724
Delta R.T. -0.015 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

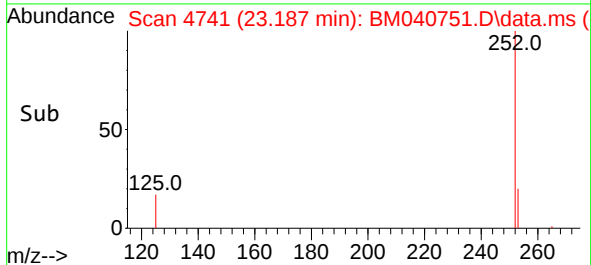
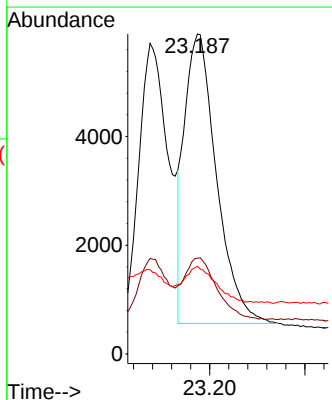
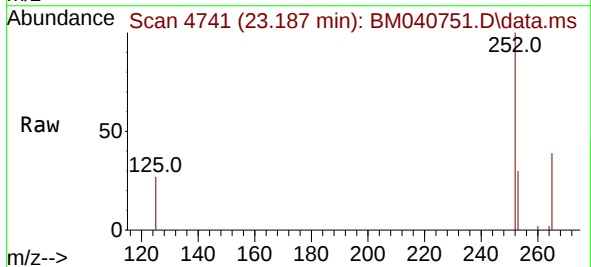
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

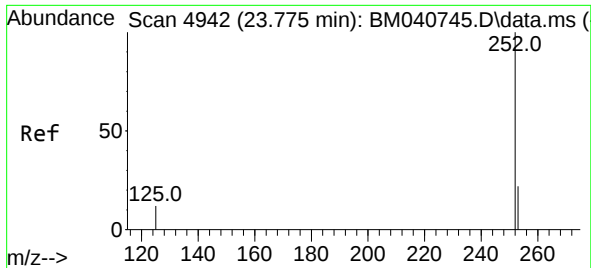
Tgt Ion:252 Resp: 11672
Ion Ratio Lower Upper
252 100
253 30.8 0.0 52.8
125 27.1 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.434 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. -0.015 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:252 Resp: 12460
Ion Ratio Lower Upper
252 100
253 29.9 21.2 31.8
125 27.4 16.4 24.6#

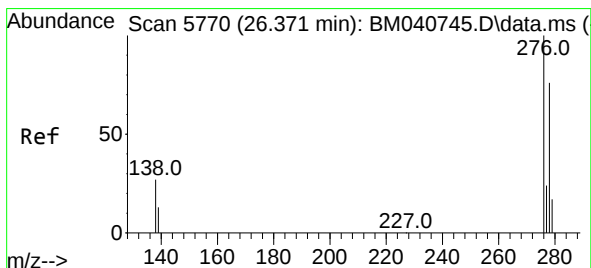
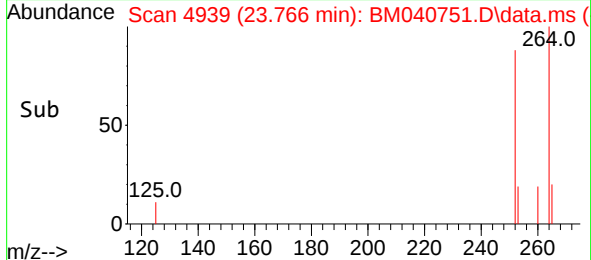
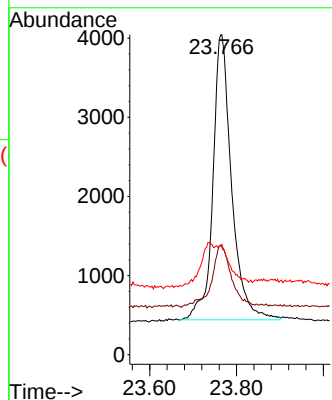
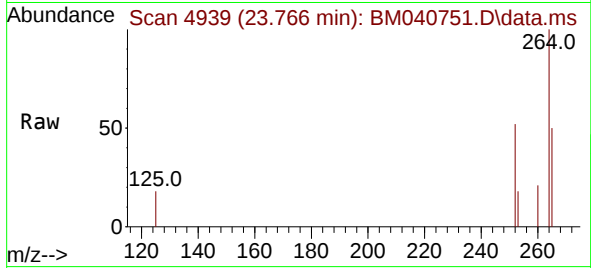




#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.766 min Scan# 4942
Delta R.T. -0.015 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

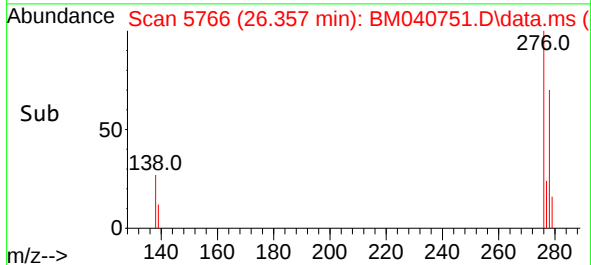
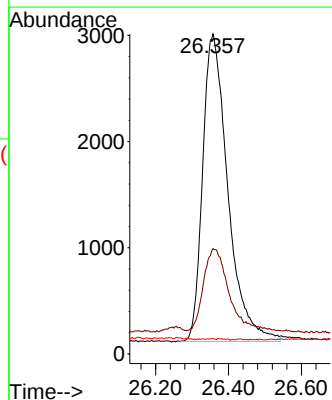
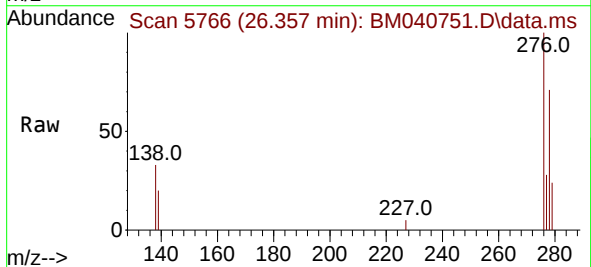
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

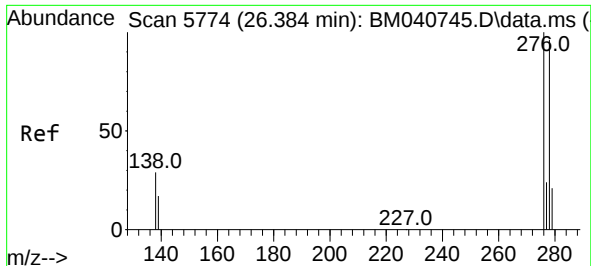
Tgt Ion:252 Resp: 10805
Ion Ratio Lower Upper
252 100
253 34.4 22.9 34.3#
125 33.6 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.357 min Scan# 5766
Delta R.T. -0.020 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:276 Resp: 13874
Ion Ratio Lower Upper
276 100
138 27.0 24.5 36.7
227 0.1 0.1 0.1#

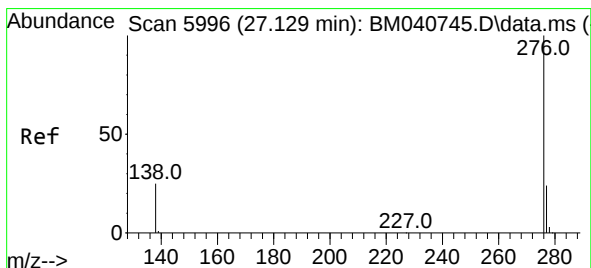
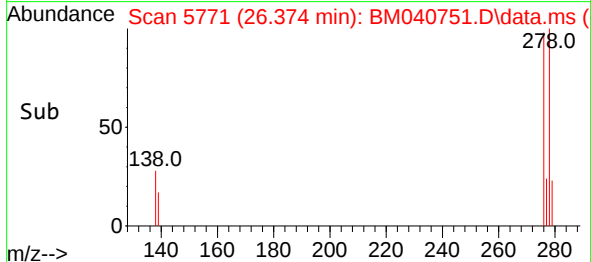
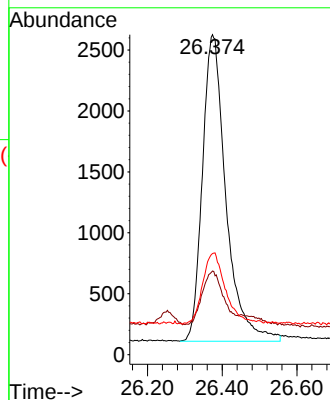
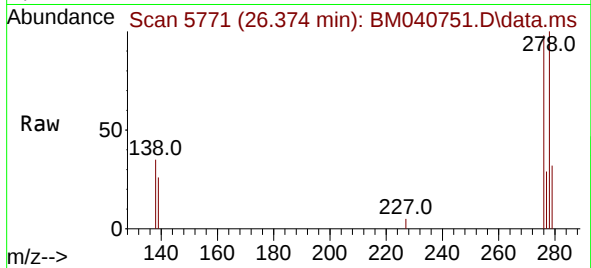




#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 26.374 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

Tgt Ion:278 Resp: 10993
Ion Ratio Lower Upper
278 100
139 26.2 17.9 26.9
279 31.6 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 27.122 min Scan# 5994
Delta R.T. -0.014 min
Lab File: BM040751.D
Acq: 08 Jul 2023 22:16

Tgt Ion:276 Resp: 11868
Ion Ratio Lower Upper
276 100
138 30.7 23.0 34.6
277 27.3 20.3 30.5

