

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040782.D
 Acq On : 09 Jul 2023 18:52
 Operator : MA/JU
 Sample : 03348-07MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YBTY3MS

Quant Time: Jul 10 00:47:04 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 : Sun Jul 09 14:07:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

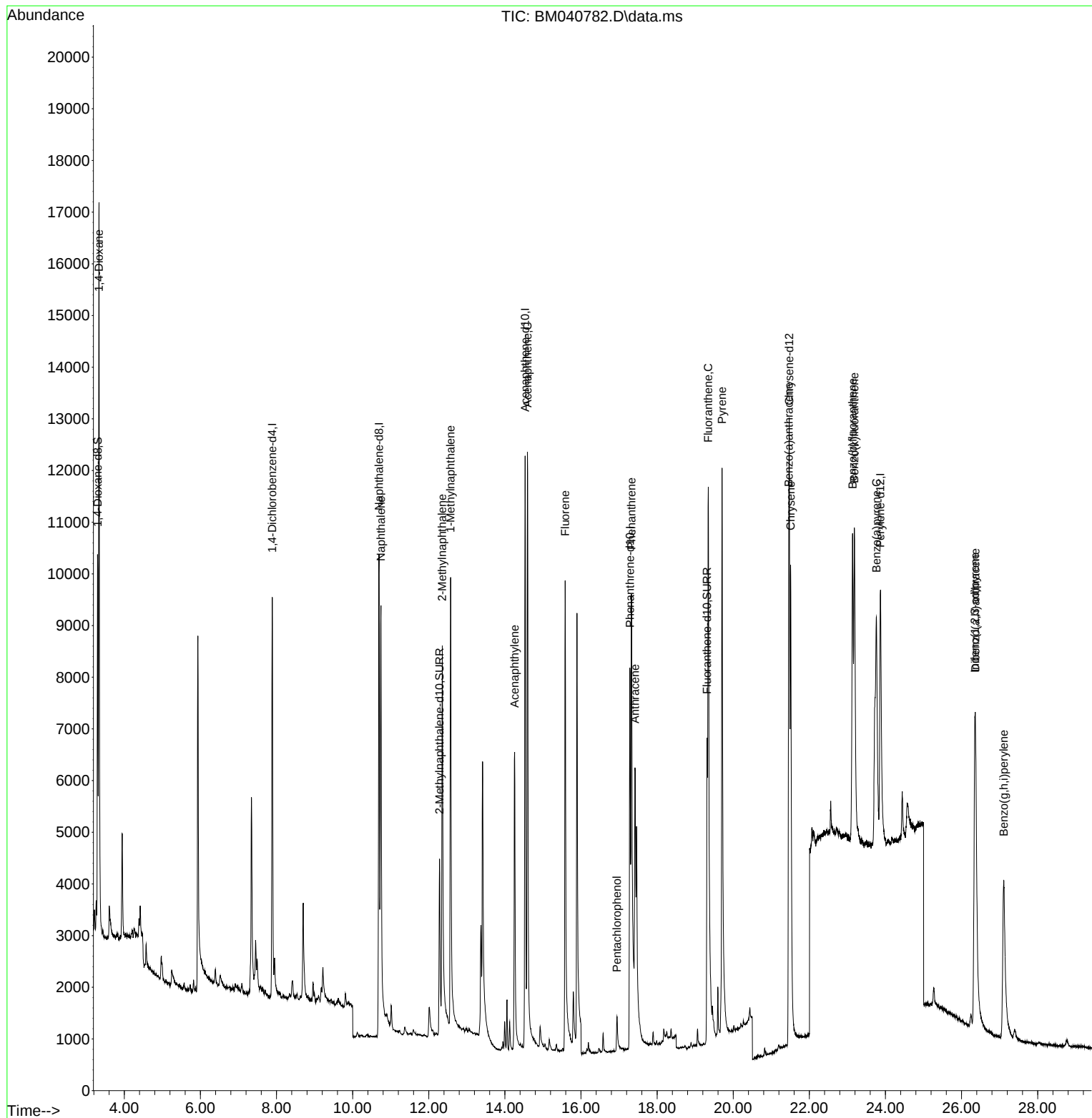
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	4567	0.400	ng/ul	0.00
4) Naphthalene-d8	10.693	136	16559	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.533	164	7317	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.287	188	12565	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	10135	0.400	ng/ul	0.00
23) Perylene-d12	23.867	264	9123	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	3668	0.511	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.282	152	6493	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	10035	0.309	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	9163	1.255	ng/ul	90
5) Naphthalene	10.742	128	13273	0.291	ng/ul	99
7) 2-Methylnaphthalene	12.353	142	7527	0.281	ng/ul	97
8) 1-Methylnaphthalene	12.573	142	7195	0.268	ng/ul	99
10) Acenaphthylene	14.255	152	9041	0.277	ng/ul	97
11) Acenaphthene	14.593	153	7723	0.280	ng/ul	98
12) Fluorene	15.583	166	8152	0.277	ng/ul	98
14) Pentachlorophenol	16.945	266	791	0.327	ng/ul	95
15) Phenanthrene	17.325	178	11677	0.299	ng/ul	98
16) Anthracene	17.418	178	11708	0.357	ng/ul	95
19) Fluoranthene	19.344	202	12516	0.291	ng/ul	96
20) Pyrene	19.707	202	13611	0.295	ng/ul	97
21) Benzo(a)anthracene	21.458	228	10140	0.296	ng/ul	98
22) Chrysene	21.511	228	11309	0.289	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	9720	0.275	ng/ul#	65
25) Benzo(k)fluoranthene	23.183	252	11051	0.318	ng/ul#	66
26) Benzo(a)pyrene	23.761	252	8972	0.282	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	26.349	276	11558	0.261	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.362	278	9093	0.262	ng/ul#	82
29) Benzo(g,h,i)perylene	27.110	276	9929	0.256	ng/ul	94

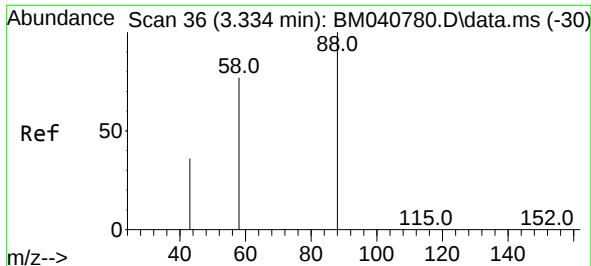
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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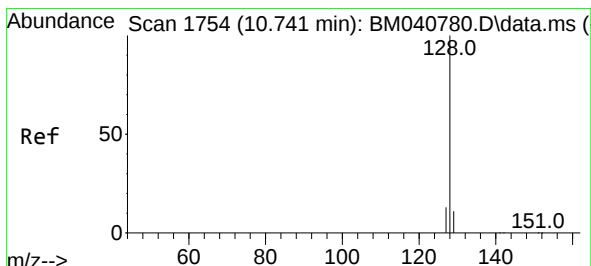
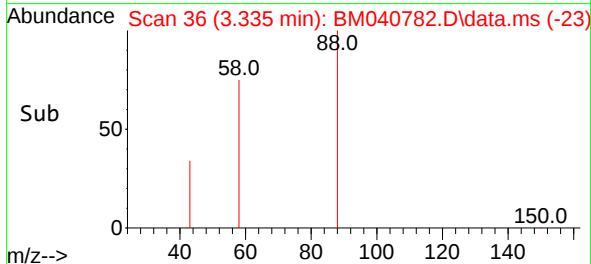
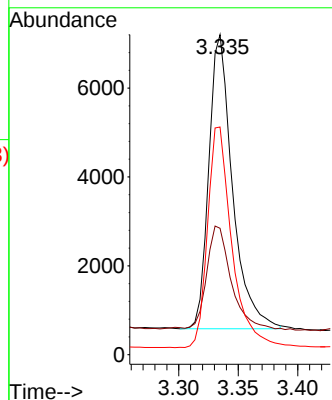
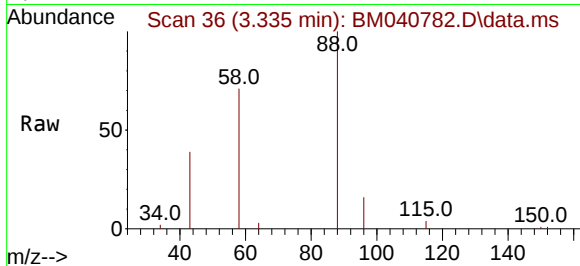




#2
1,4-Dioxane
Concen: 1.255 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

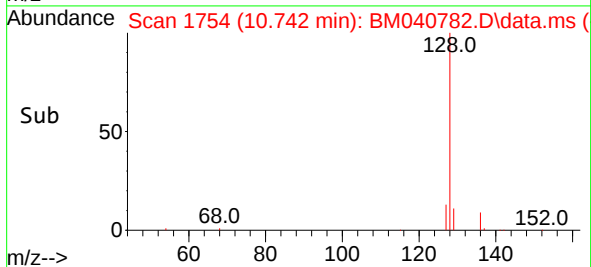
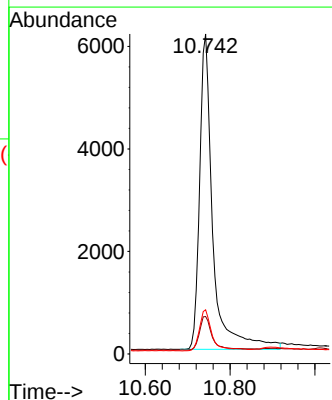
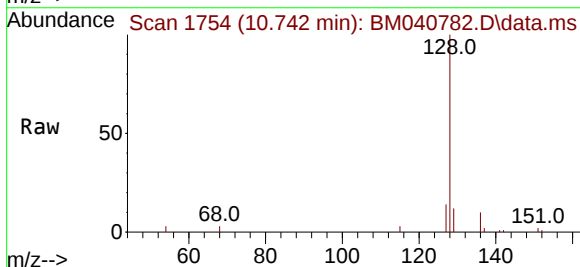
Instrument :
BNA_M
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YBTY3MS

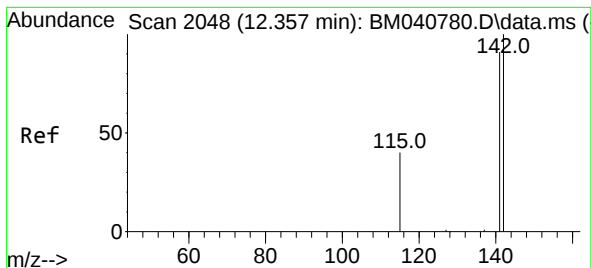
Tgt Ion: 88 Resp: 9163
Ion Ratio Lower Upper
88 100
43 39.5 36.1 54.1
58 71.1 49.8 74.8



#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.742 min Scan# 1754
Delta R.T. -0.004 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

Tgt Ion: 128 Resp: 13273
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.8 10.6 15.8

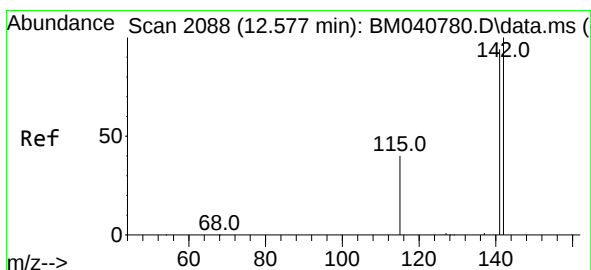
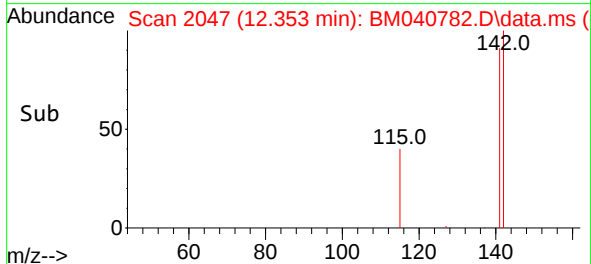
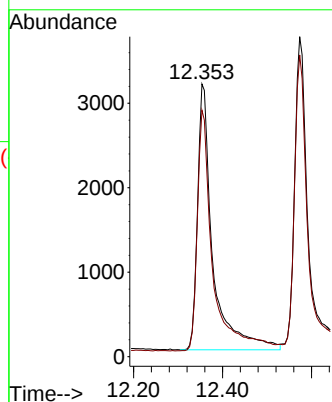
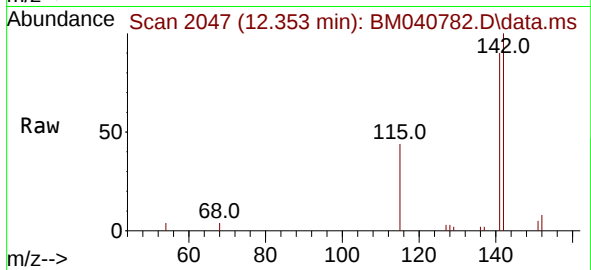




#7
2-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 12.353 min Scan# 2047
Delta R.T. -0.009 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

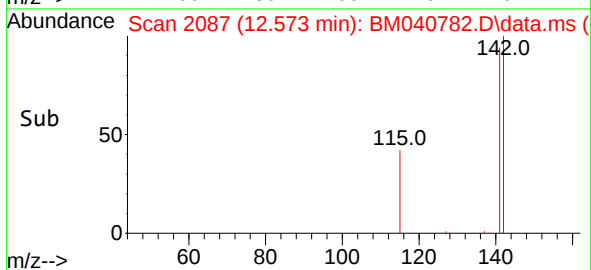
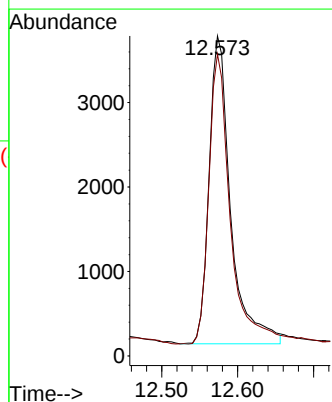
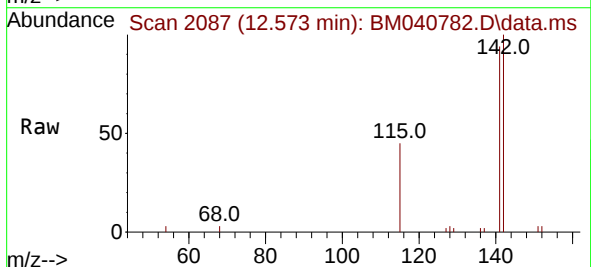
Instrument :
BNA_M
ClientSampleId :
YBTY3MS

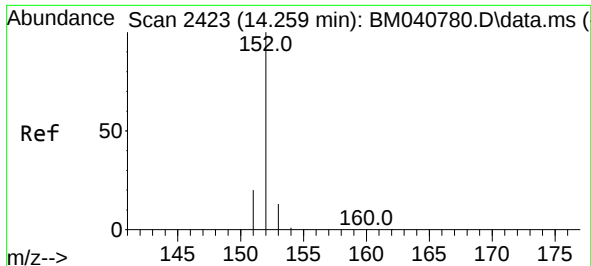
Tgt Ion:142 Resp: 7527
Ion Ratio Lower Upper
142 100
141 92.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.573 min Scan# 2087
Delta R.T. -0.009 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

Tgt Ion:142 Resp: 7195
Ion Ratio Lower Upper
142 100
141 93.2 73.7 110.5

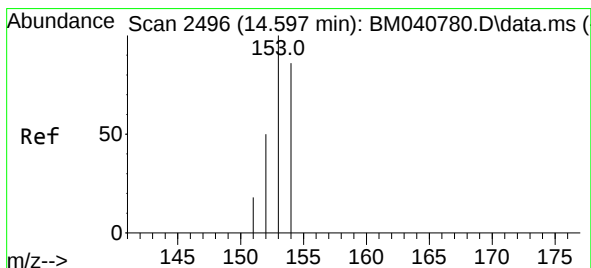
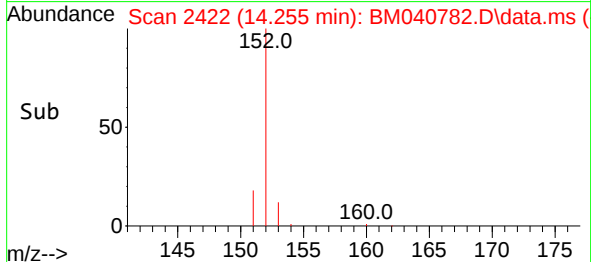
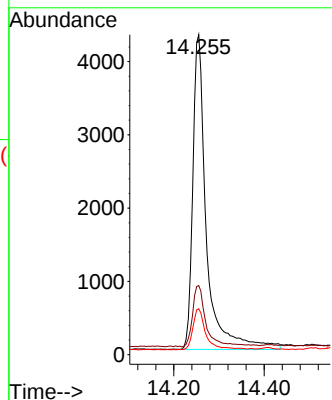
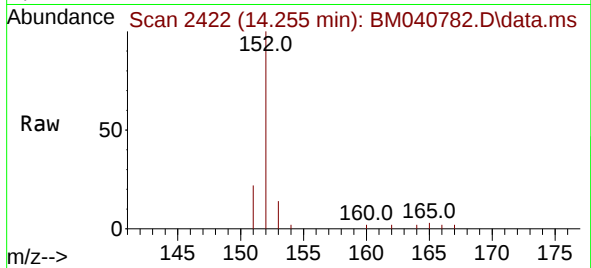




#10
Acenaphthylene
Concen: 0.277 ng/ul
RT: 14.255 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

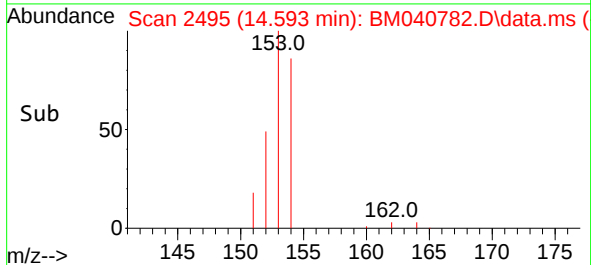
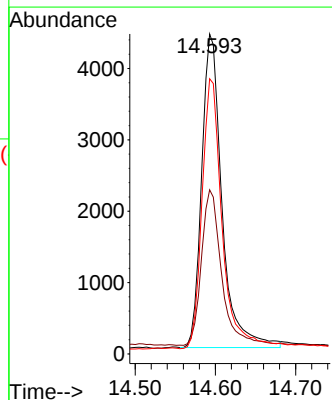
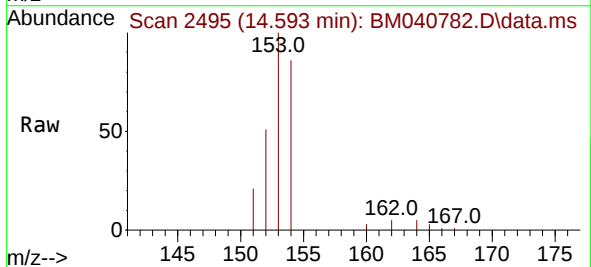
Instrument :
BNA_M
ClientSampleId :
YBTY3MS

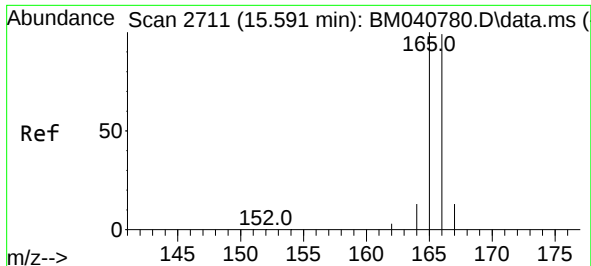
Tgt Ion:	152	Resp:	9041
Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.2	24.2
153	14.3	10.9	16.3



#11
Acenaphthene
Concen: 0.280 ng/ul
RT: 14.593 min Scan# 2495
Delta R.T. -0.008 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

Tgt Ion:	153	Resp:	7723
Ion	Ratio	Lower	Upper
153	100		
152	51.3	41.0	61.4
154	86.0	70.8	106.2

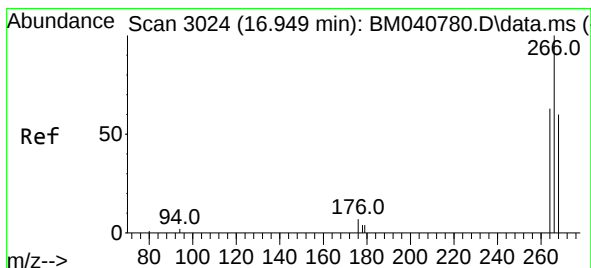
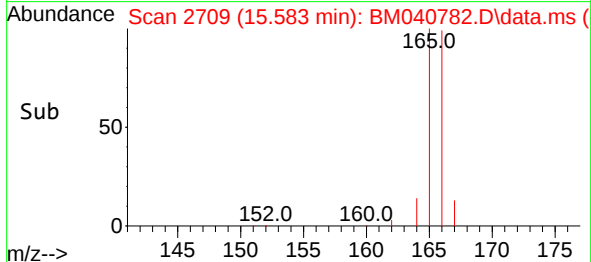
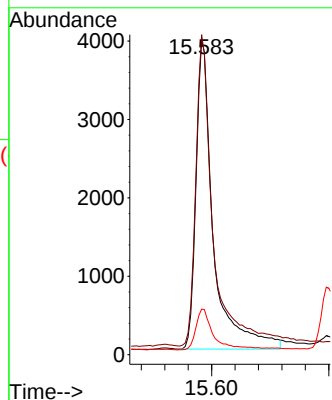
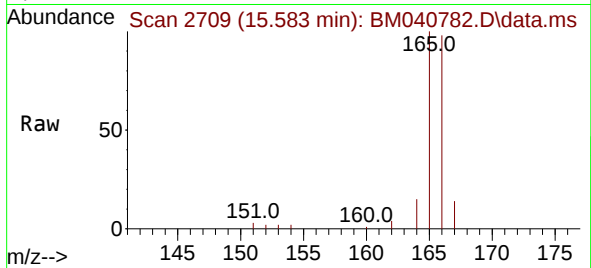




#12
Fluorene
Concen: 0.277 ng/ul
RT: 15.583 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

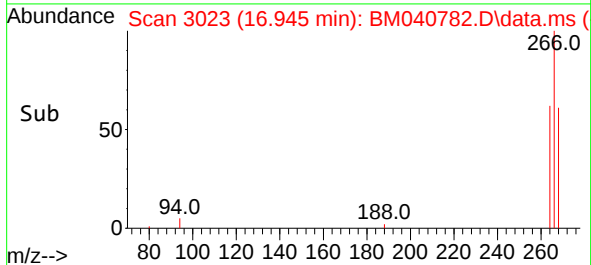
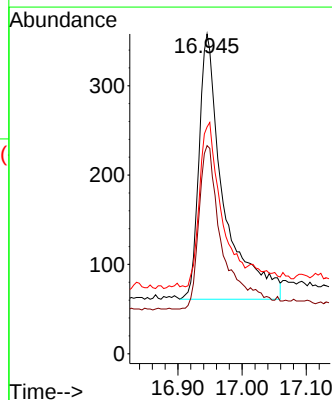
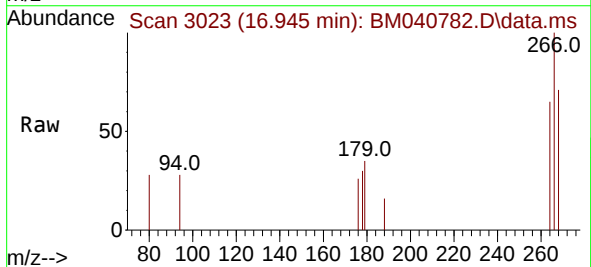
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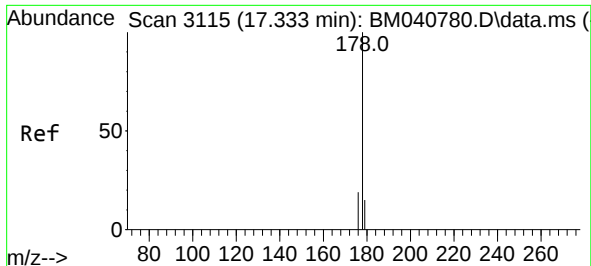
Tgt Ion:166 Resp: 8152
Ion Ratio Lower Upper
166 100
165 101.8 79.6 119.4
167 14.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.327 ng/ul
RT: 16.945 min Scan# 3023
Delta R.T. -0.008 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

Tgt Ion:266 Resp: 791
Ion Ratio Lower Upper
266 100
264 61.2 45.4 68.0
268 62.2 47.2 70.8

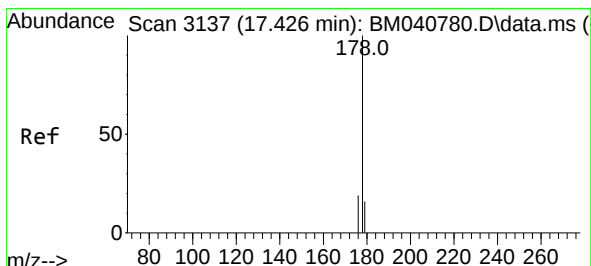
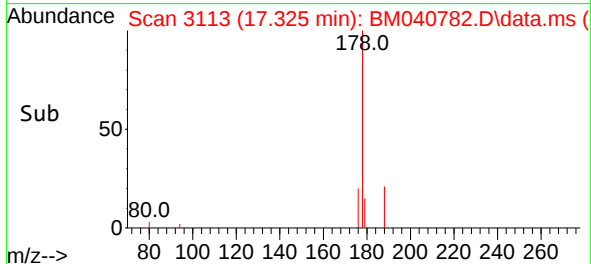
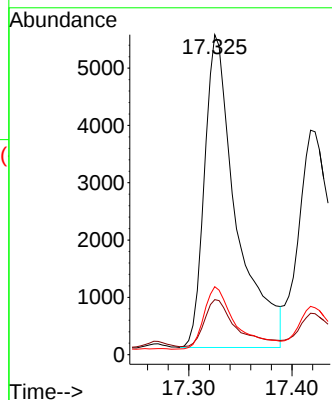
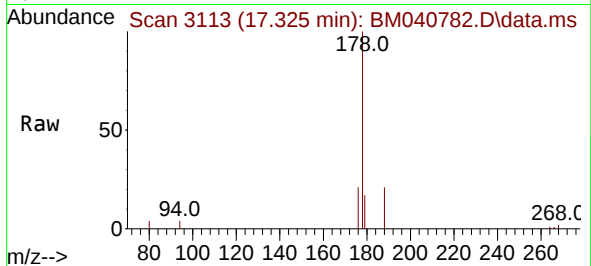




#15
Phenanthrene
Concen: 0.299 ng/ul
RT: 17.325 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

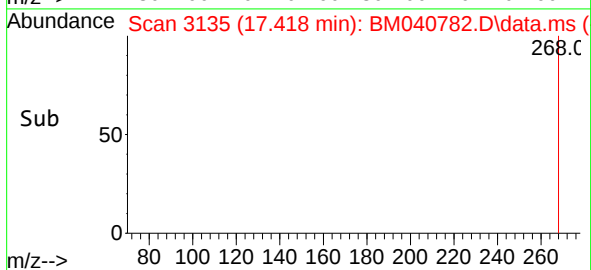
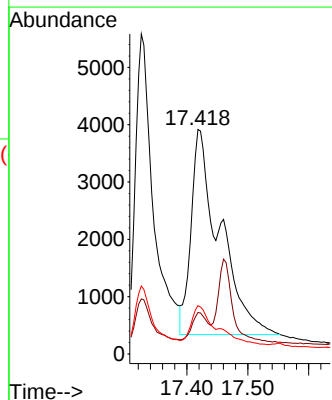
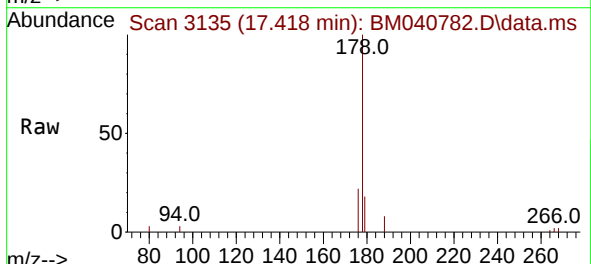
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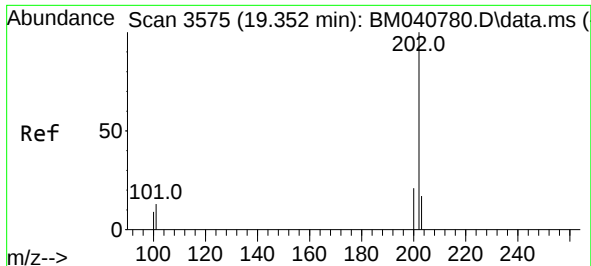
Tgt Ion:	178	Resp:	11677
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.8	19.2
176	21.3	16.4	24.6



#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.418 min Scan# 3135
Delta R.T. -0.012 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

Tgt Ion:	178	Resp:	11708
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.9	19.3
176	21.5	15.8	23.6

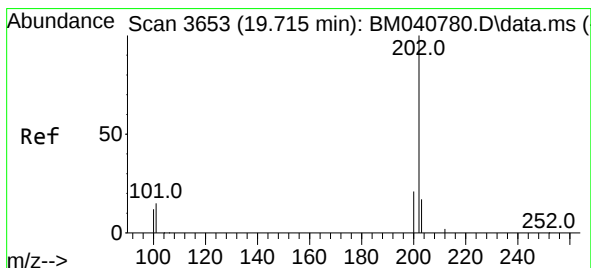
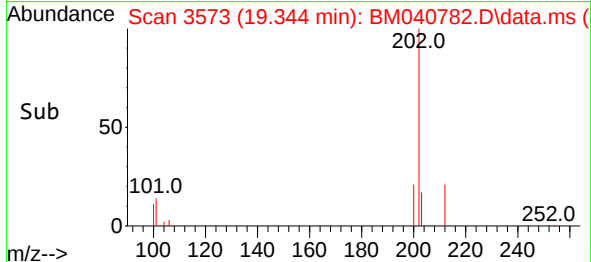
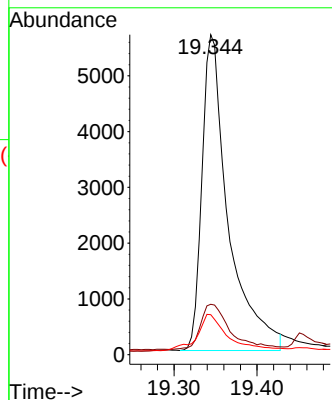
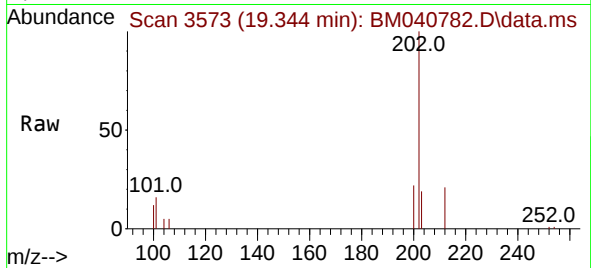




#19
Fluoranthene
Concen: 0.291 ng/ul
RT: 19.344 min Scan# 3573
Delta R.T. -0.008 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

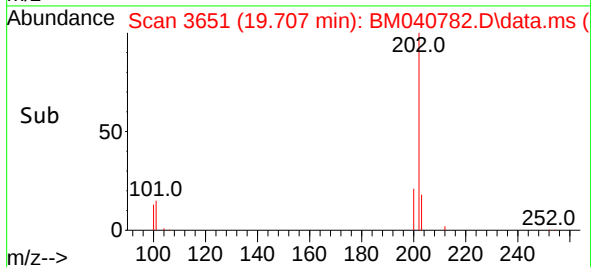
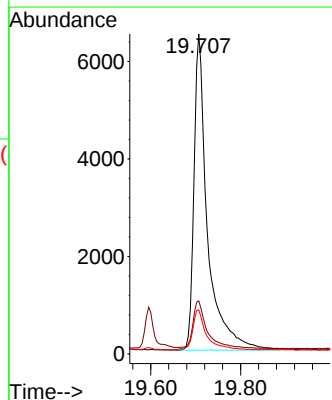
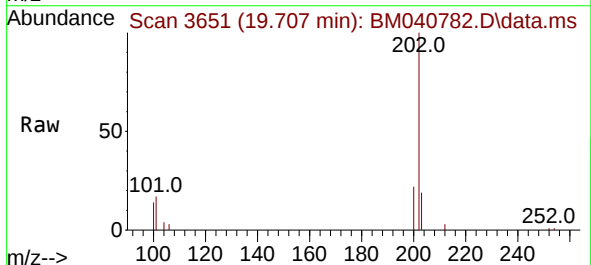
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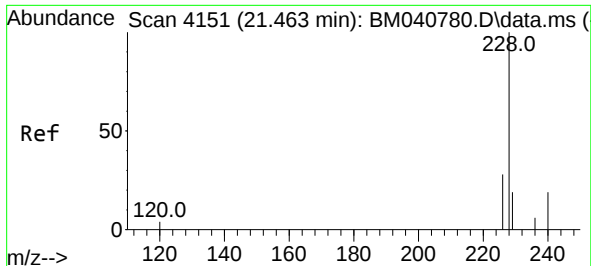
Tgt Ion:	202	Resp:	12516
Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.4	17.0
100	12.5	8.7	13.1



#20
Pyrene
Concen: 0.295 ng/ul
RT: 19.707 min Scan# 3651
Delta R.T. -0.008 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

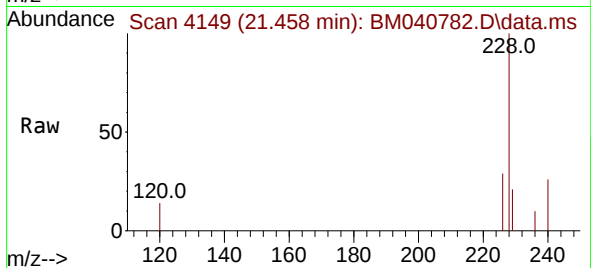
Tgt Ion:	202	Resp:	13611
Ion	Ratio	Lower	Upper
202	100		
101	16.6	12.6	18.8
100	13.7	9.8	14.6



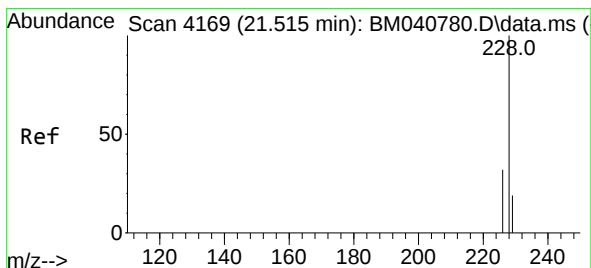
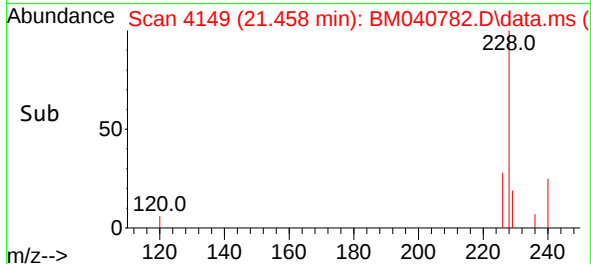
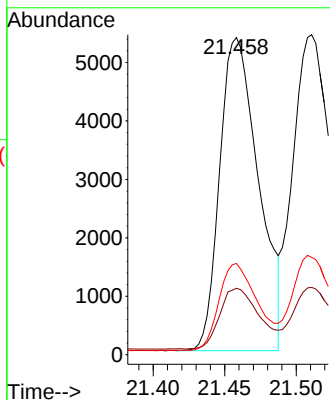


#21
Benzo(a)anthracene
Concen: 0.296 ng/ul
RT: 21.458 min Scan# 4149
Delta R.T. -0.008 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

Instrument :
BNA_M
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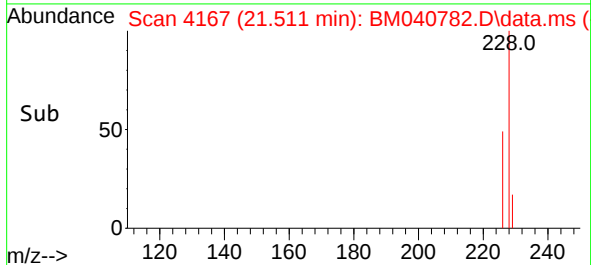
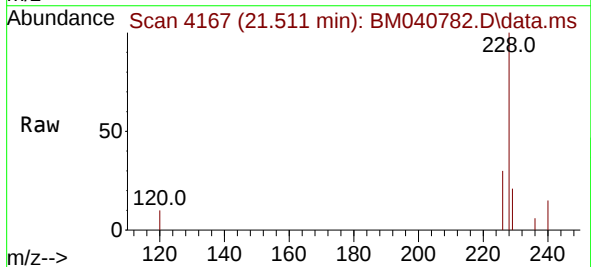
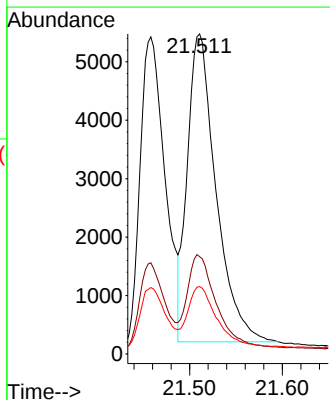


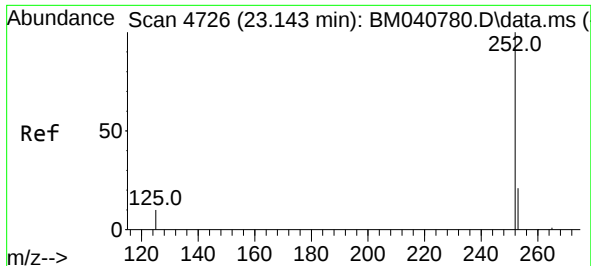
Tgt Ion:228 Resp: 10140
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.8 22.3 33.5



#22
Chrysene
Concen: 0.289 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. -0.005 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

Tgt Ion:228 Resp: 11309
Ion Ratio Lower Upper
228 100
226 30.4 24.9 37.3
229 21.0 15.8 23.6

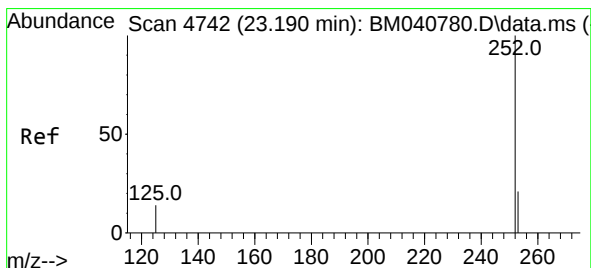
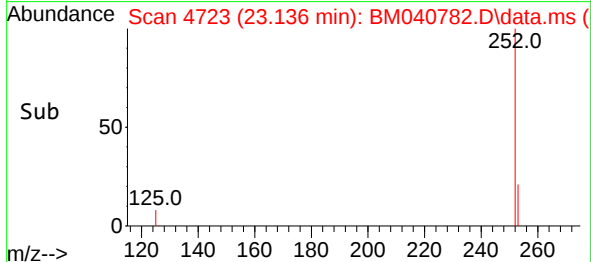
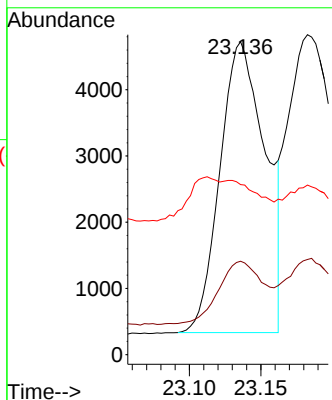
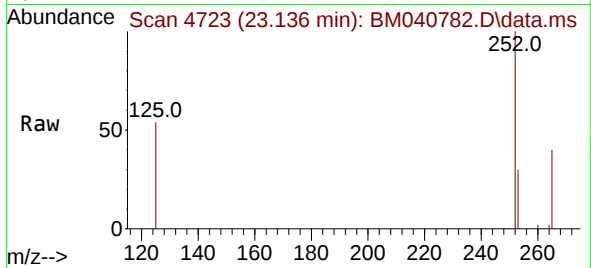




#24
Benzo(b)fluoranthene
Concen: 0.275 ng/ul
RT: 23.136 min Scan# 4723
Delta R.T. -0.010 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

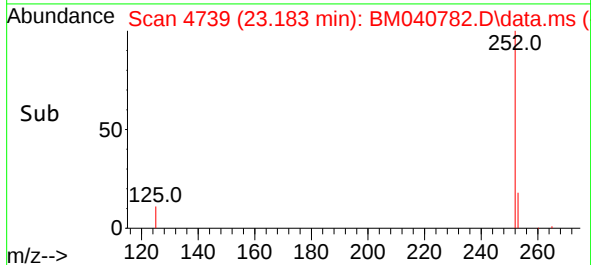
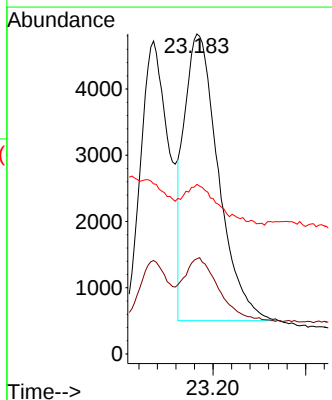
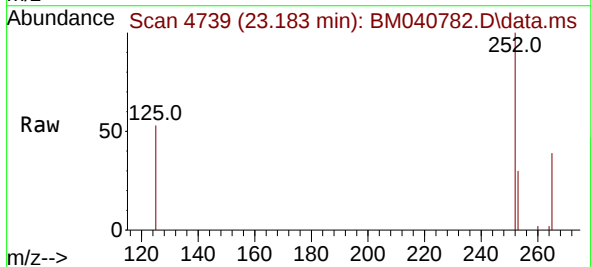
Instrument :
BNA_M
ClientSampleId :
YBTY3MS

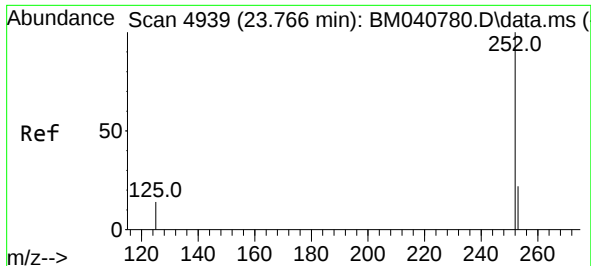
Tgt Ion:252 Resp: 9720
Ion Ratio Lower Upper
252 100
253 29.8 0.0 52.8
125 54.3 0.0 43.0#



#25
Benzo(k)fluoranthene
Concen: 0.318 ng/ul
RT: 23.183 min Scan# 4739
Delta R.T. -0.010 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

Tgt Ion:252 Resp: 11051
Ion Ratio Lower Upper
252 100
253 29.7 21.2 31.8
125 53.0 16.4 24.6#

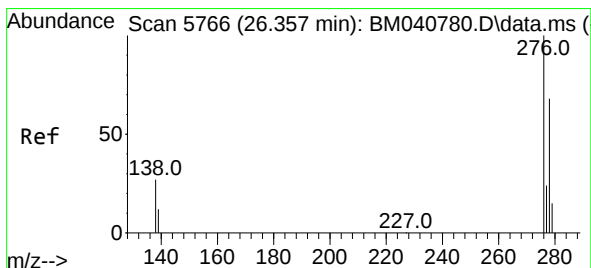
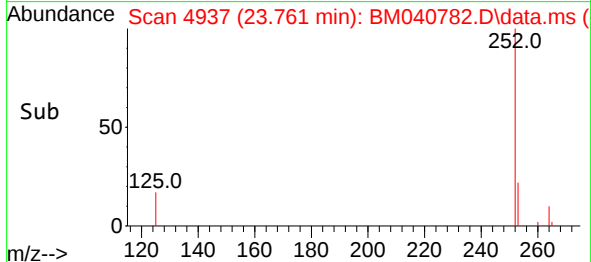
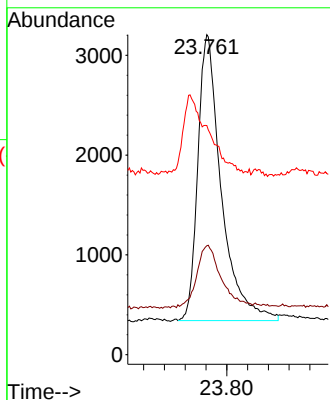
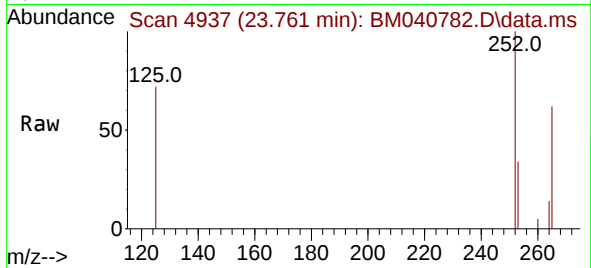




#26
Benzo(a)pyrene
Concen: 0.282 ng/ul
RT: 23.761 min Scan# 4937
Delta R.T. -0.010 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

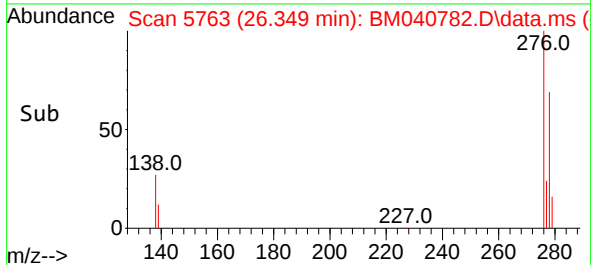
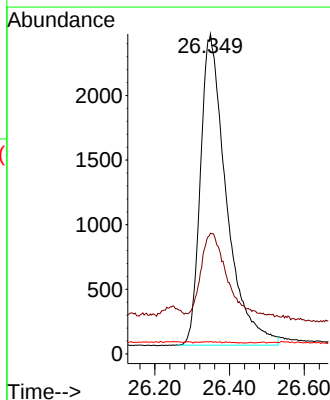
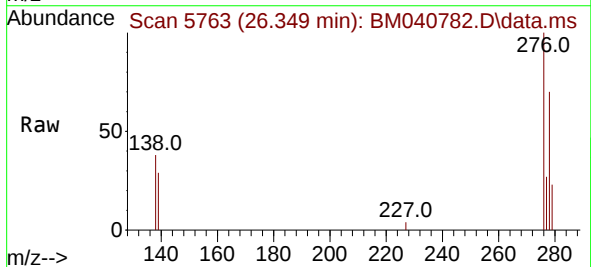
Instrument :
BNA_M
ClientSampleId :
YBTY3MS

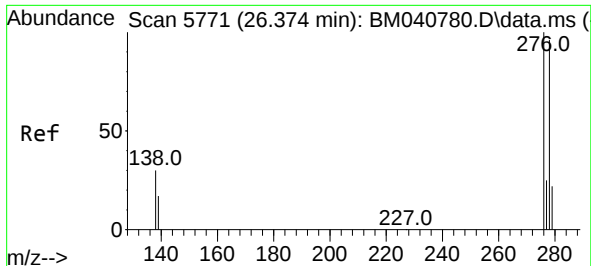
Tgt Ion:252 Resp: 8972
Ion Ratio Lower Upper
252 100
253 34.1 22.9 34.3
125 71.6 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.261 ng/ul
RT: 26.349 min Scan# 5763
Delta R.T. -0.008 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

Tgt Ion:276 Resp: 11558
Ion Ratio Lower Upper
276 100
138 26.9 24.5 36.7
227 0.2 0.1 0.1#

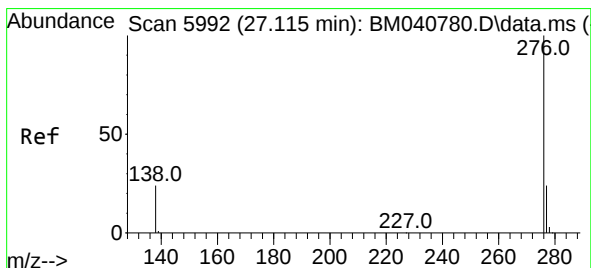
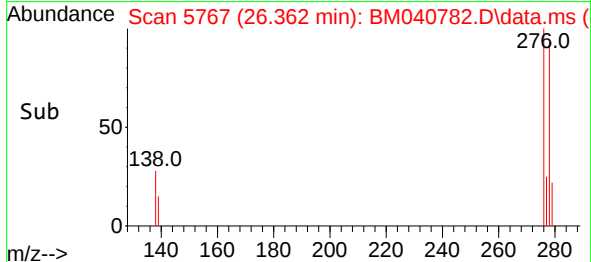
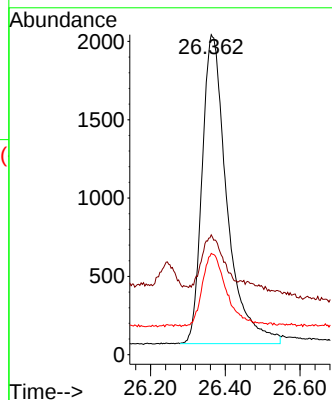
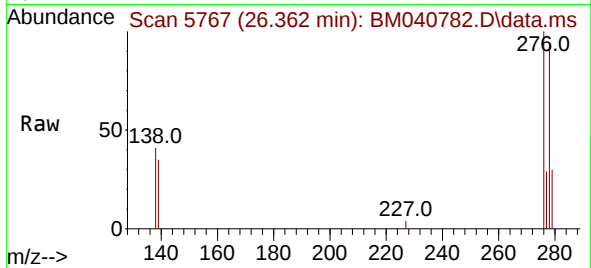




#28
Dibenzo(a,h)anthracene
Concen: 0.262 ng/ul
RT: 26.362 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

Instrument :
BNA_M
ClientSampleId :
YBTY3MS

Tgt Ion:278 Resp: 9093
Ion Ratio Lower Upper
278 100
139 37.4 17.9 26.9#
279 31.7 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.256 ng/ul
RT: 27.110 min Scan# 5990
Delta R.T. -0.012 min
Lab File: BM040782.D
Acq: 09 Jul 2023 18:52

Tgt Ion:276 Resp: 9929
Ion Ratio Lower Upper
276 100
138 32.5 23.0 34.6
277 27.4 20.3 30.5

