

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040783.D
 Acq On : 09 Jul 2023 19:29
 Operator : MA/JU
 Sample : 03348-08MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YBTY3MSD

Quant Time: Jul 10 00:47:38 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)

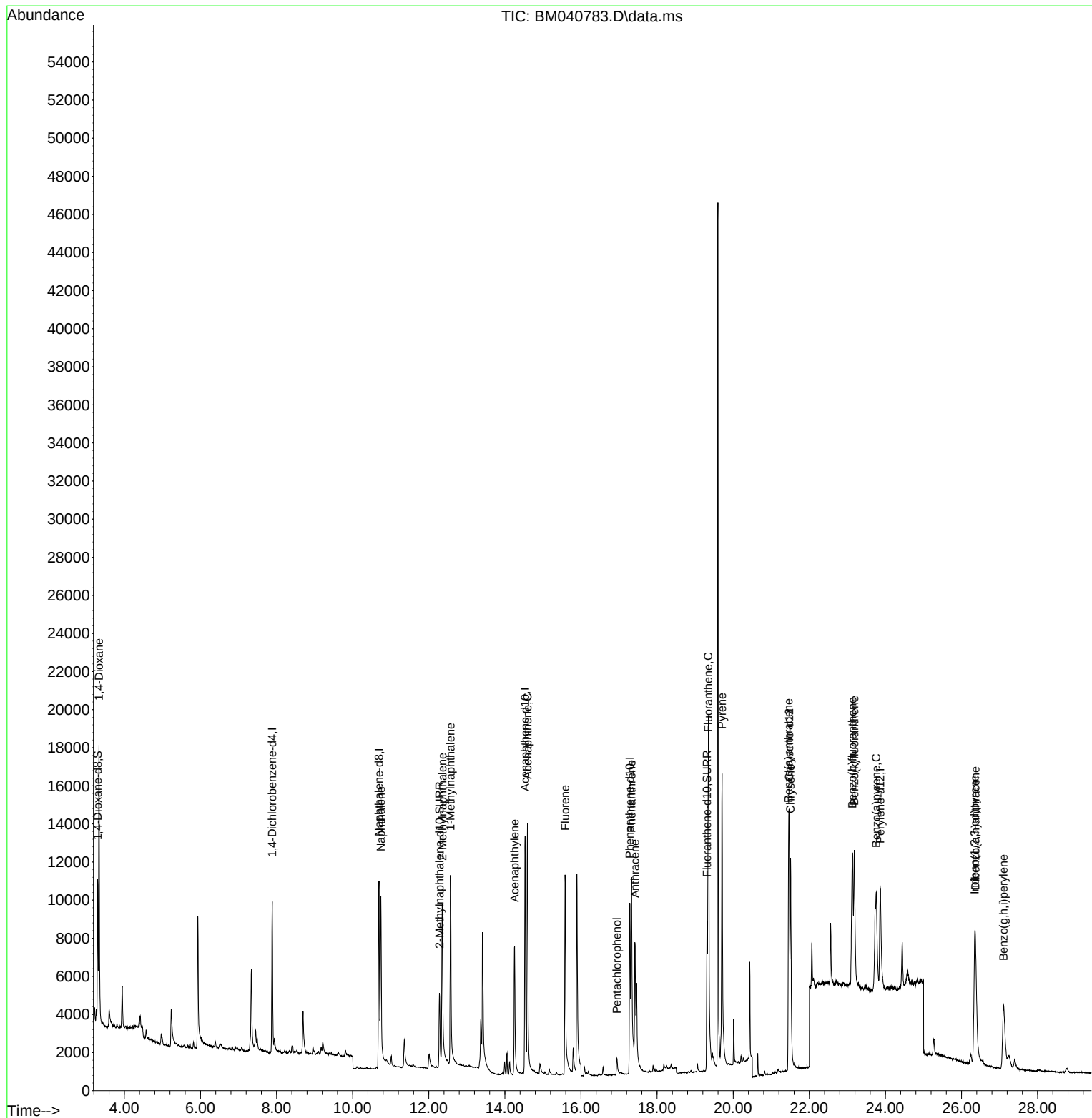
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	4544	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	16884	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	7827	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	14096	0.400	ng/ul	-0.01
17) Chrysene-d12	21.472	240	10895	0.400	ng/ul	0.00
23) Perylene-d12	23.865	264	9889	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	3814	0.534	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	7210	0.305	ng/ul	-0.01
18) Fluoranthene-d10	19.310	212	11900	0.341	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	9390	1.292	ng/ul	91
5) Naphthalene	10.741	128	14297	0.307	ng/ul	99
7) 2-Methylnaphthalene	12.357	142	8422	0.308	ng/ul	99
8) 1-Methylnaphthalene	12.572	142	7936	0.290	ng/ul	98
10) Acenaphthylene	14.254	152	10197	0.292	ng/ul	97
11) Acenaphthene	14.592	153	8607	0.291	ng/ul	98
12) Fluorene	15.582	166	9166	0.291	ng/ul	97
14) Pentachlorophenol	16.944	266	990	0.365	ng/ul	93
15) Phenanthrene	17.324	178	13673	0.312	ng/ul	99
16) Anthracene	17.417	178	13283	0.361	ng/ul	97
19) Fluoranthene	19.343	202	15808	0.342	ng/ul#	78
20) Pyrene	19.705	202	16522	0.333	ng/ul#	92
21) Benzo(a)anthracene	21.454	228	12060	0.327	ng/ul	98
22) Chrysene	21.507	228	12603	0.300	ng/ul	99
24) Benzo(b)fluoranthene	23.132	252	11234	0.294	ng/ul#	57
25) Benzo(k)fluoranthene	23.181	252	12292	0.326	ng/ul#	66
26) Benzo(a)pyrene	23.760	252	10328	0.300	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	26.344	276	12940	0.270	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.364	278	10228	0.272	ng/ul#	82
29) Benzo(g,h,i)perylene	27.105	276	11047	0.263	ng/ul	93

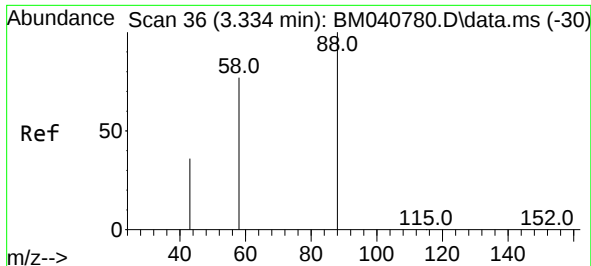
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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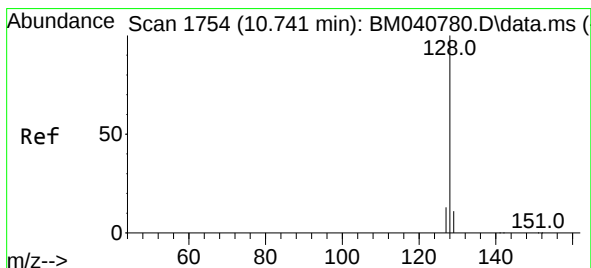
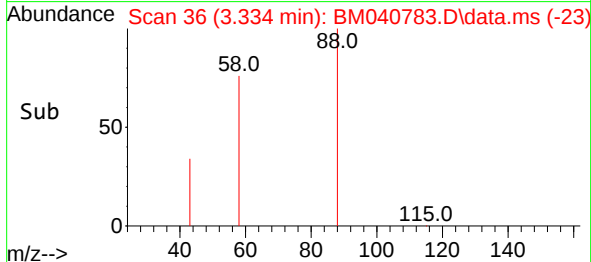
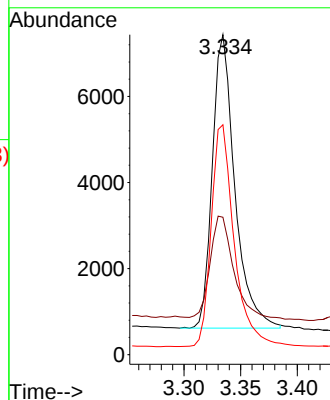
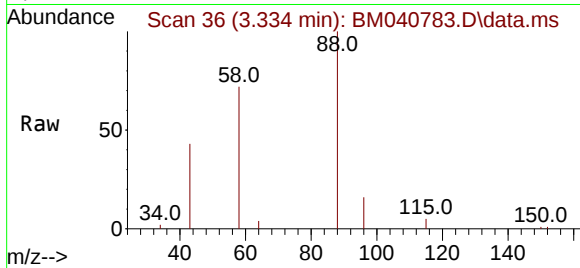




#2
1,4-Dioxane
Concen: 1.292 ng/ul
RT: 3.334 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

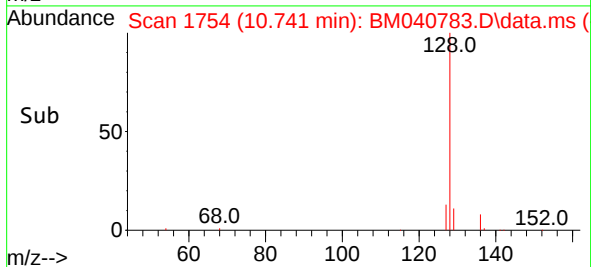
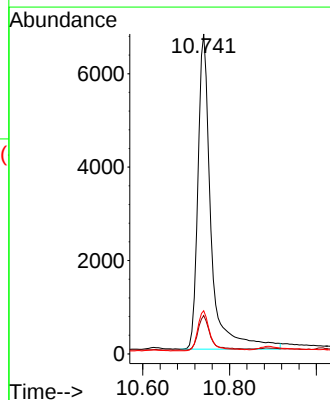
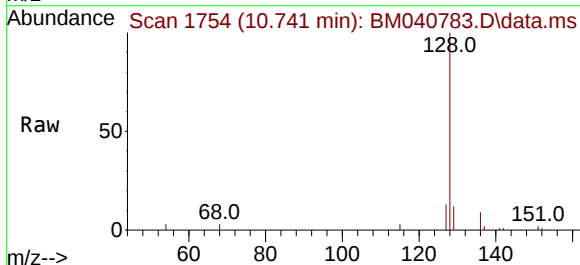
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

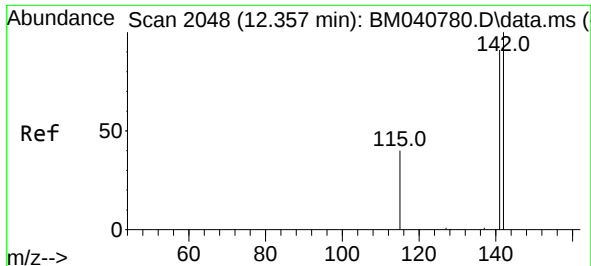
Tgt Ion: 88 Resp: 9390
Ion Ratio Lower Upper
88 100
43 42.9 36.1 54.1
58 71.8 49.8 74.8



#5
Naphthalene
Concen: 0.307 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

Tgt Ion: 128 Resp: 14297
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.5 10.6 15.8

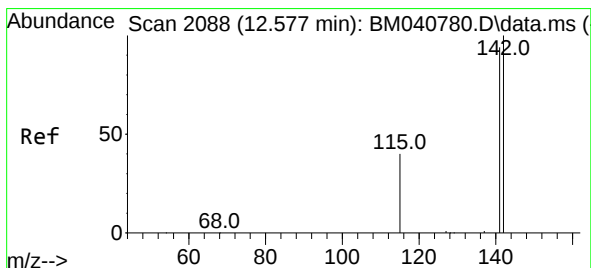
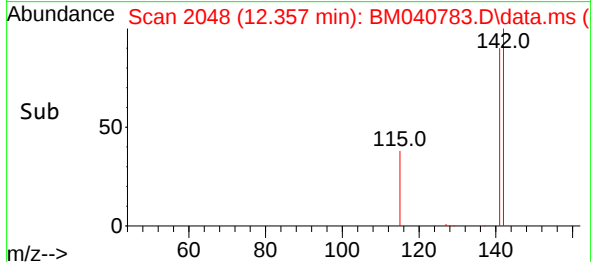
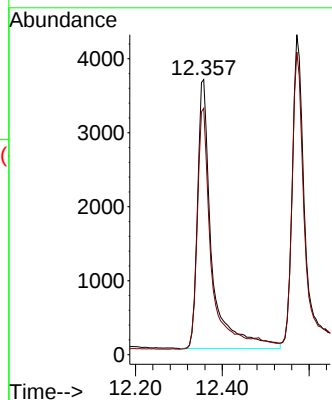
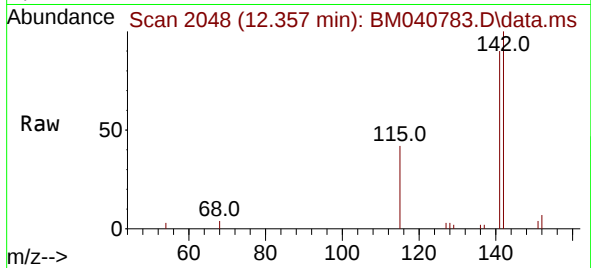




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

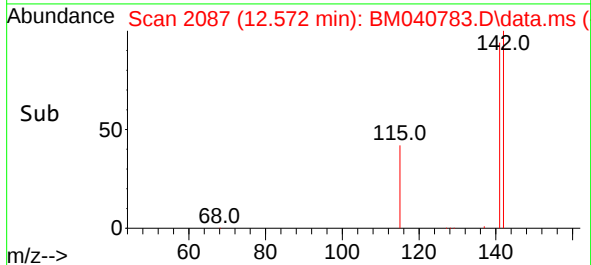
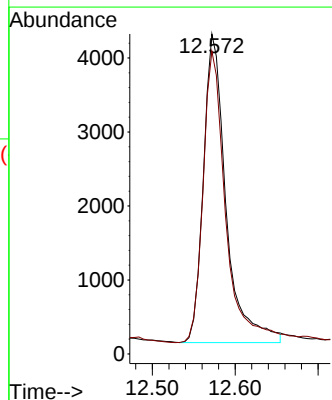
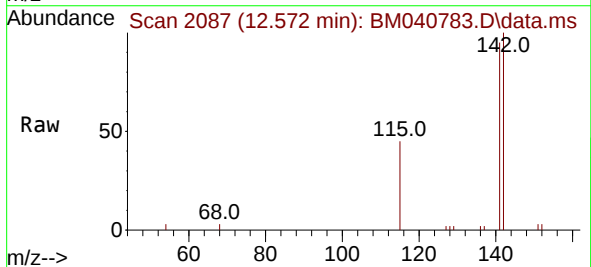
Instrument :
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YBTY3MSD

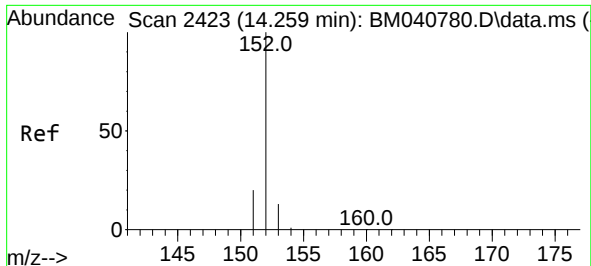
Tgt Ion:142 Resp: 8422
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.011 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

Tgt Ion:142 Resp: 7936
Ion Ratio Lower Upper
142 100
141 94.2 73.7 110.5

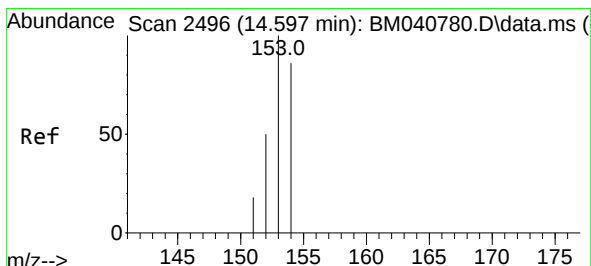
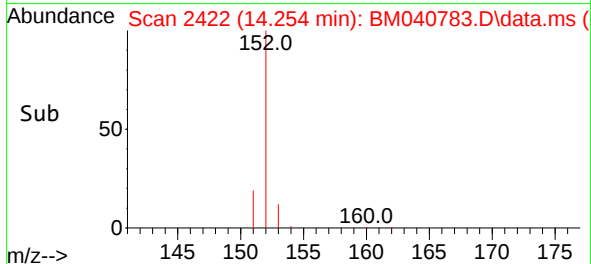
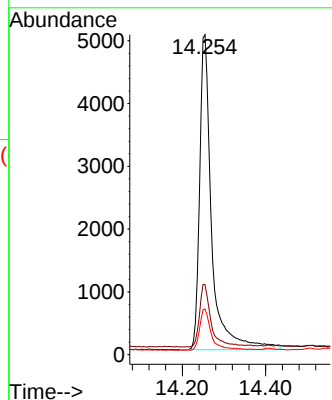
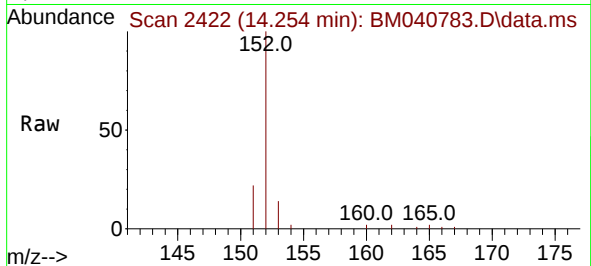




#10
Acenaphthylene
Concen: 0.292 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

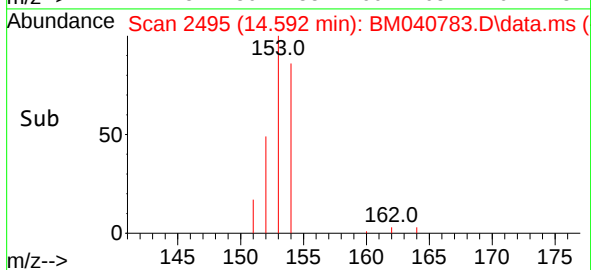
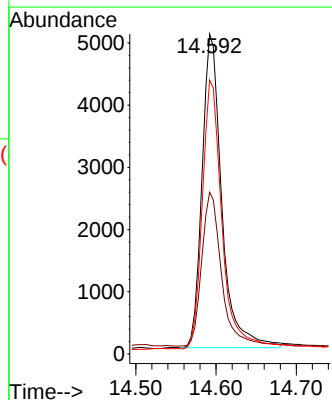
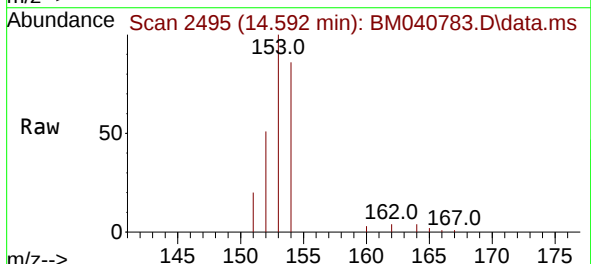
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

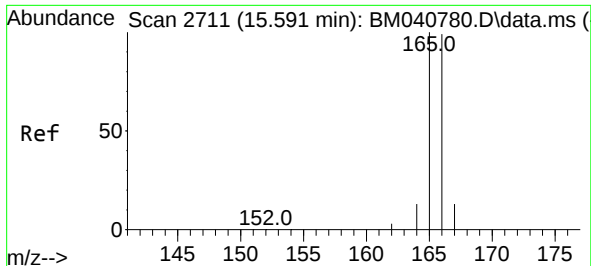
Tgt Ion:	152	Resp:	10197
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.2	24.2
153	14.3	10.9	16.3



#11
Acenaphthene
Concen: 0.291 ng/ul
RT: 14.592 min Scan# 2495
Delta R.T. -0.009 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

Tgt Ion:	153	Resp:	8607
Ion Ratio	Lower	Upper	
153	100		
152	50.5	41.0	61.4
154	85.6	70.8	106.2

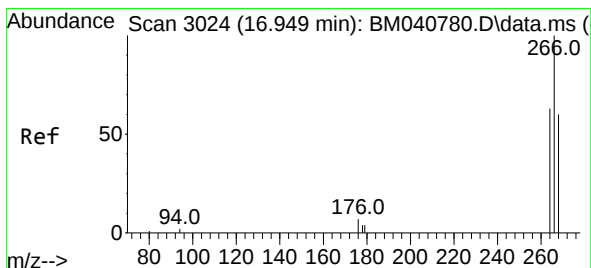
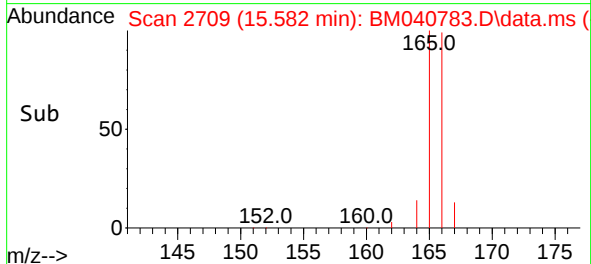
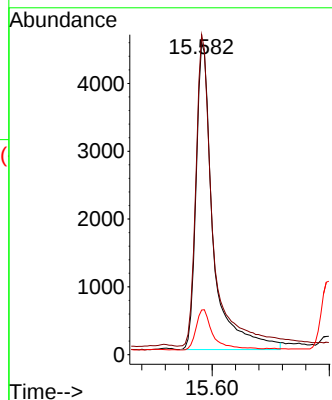
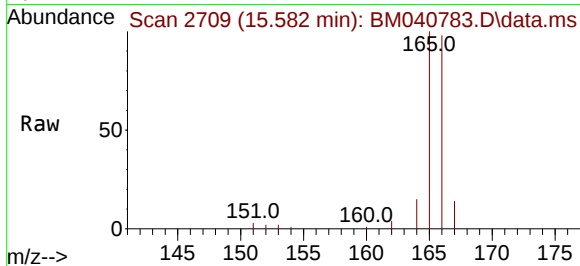




#12
 Fluorene
 Concen: 0.291 ng/ul
 RT: 15.582 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BM040783.D
 Acq: 09 Jul 2023 19:29

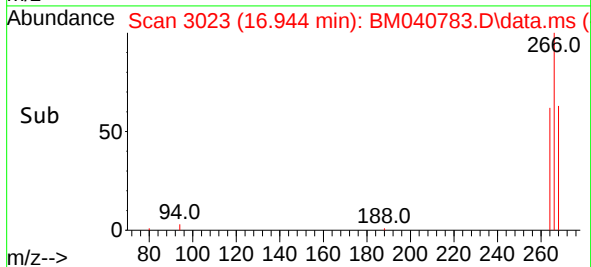
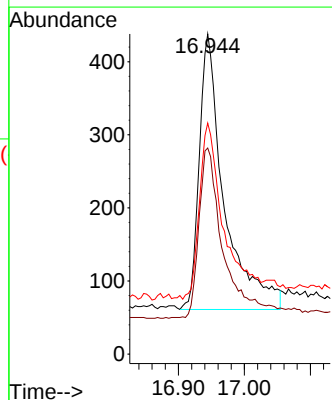
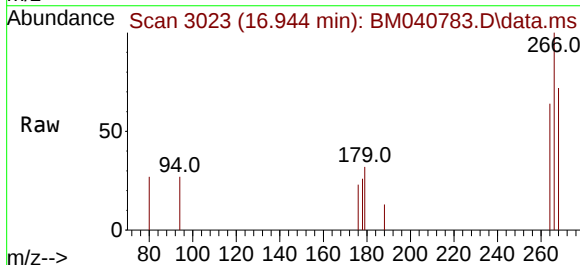
Instrument :
 BNA_M
 ClientSampleId :
 YBTY3MSD

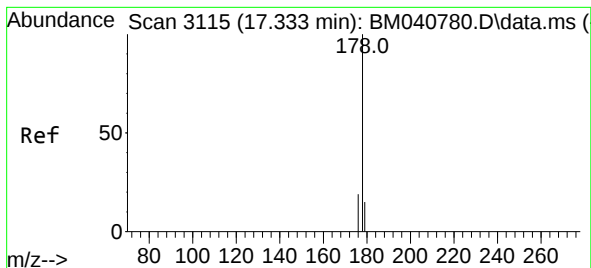
Tgt Ion:	166	Resp:	9166
Ion	Ratio	Lower	Upper
166	100		
165	102.5	79.6	119.4
167	14.3	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.365 ng/ul
 RT: 16.944 min Scan# 3023
 Delta R.T. -0.008 min
 Lab File: BM040783.D
 Acq: 09 Jul 2023 19:29

Tgt Ion:	266	Resp:	990
Ion	Ratio	Lower	Upper
266	100		
264	61.3	45.4	68.0
268	64.4	47.2	70.8





#15

Phenanthrene

Concen: 0.312 ng/ul

RT: 17.324 min Scan# 3113

Delta R.T. -0.013 min

Lab File: BM040783.D

Acq: 09 Jul 2023 19:29

Instrument :

BNA_M

ClientSampleId :

YBTY3MSD

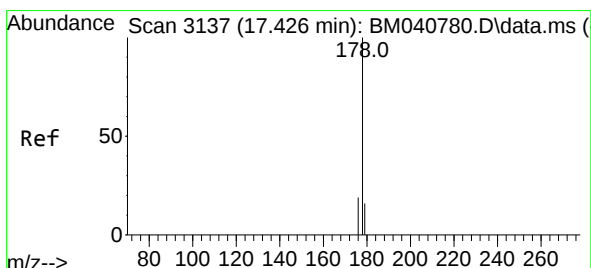
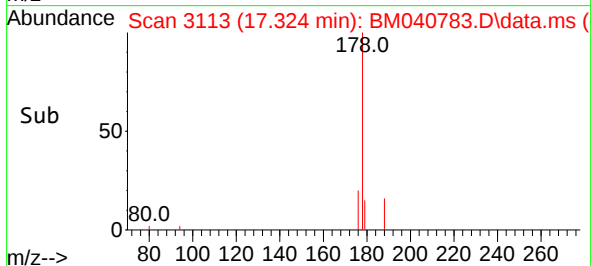
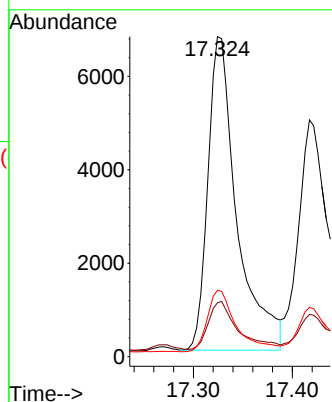
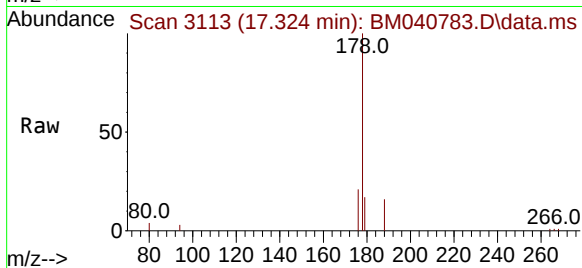
Tgt Ion:178 Resp: 13673

Ion Ratio Lower Upper

178 100

179 16.8 12.8 19.2

176 20.8 16.4 24.6



#16

Anthracene

Concen: 0.361 ng/ul

RT: 17.417 min Scan# 3135

Delta R.T. -0.013 min

Lab File: BM040783.D

Acq: 09 Jul 2023 19:29

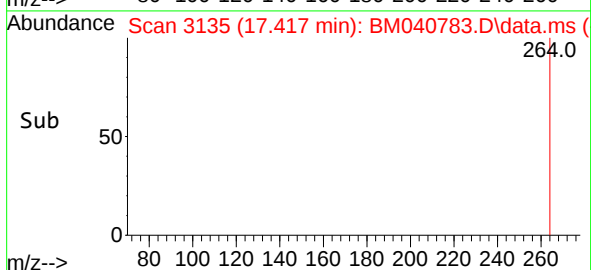
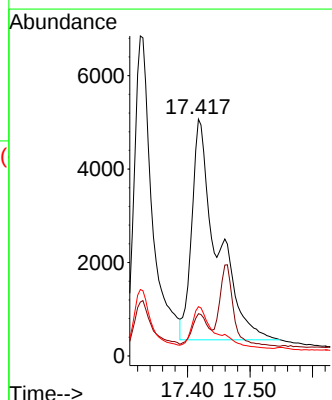
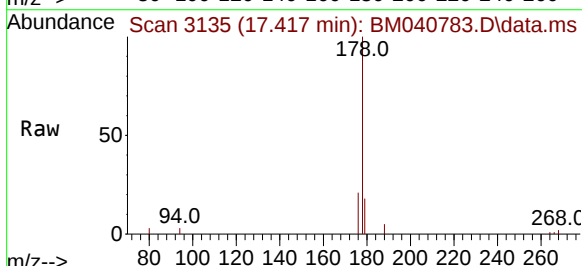
Tgt Ion:178 Resp: 13283

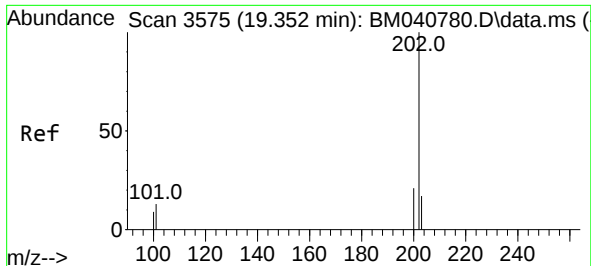
Ion Ratio Lower Upper

178 100

179 17.8 12.9 19.3

176 20.8 15.8 23.6

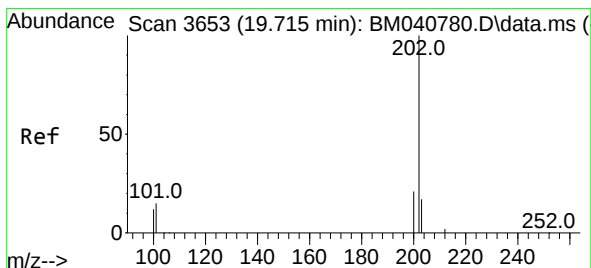
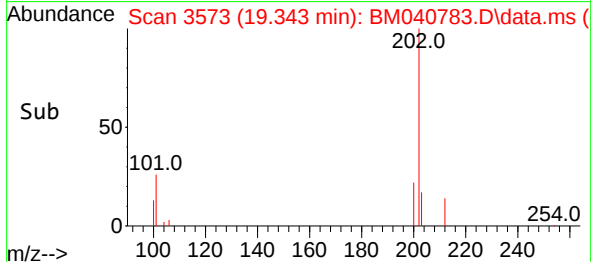
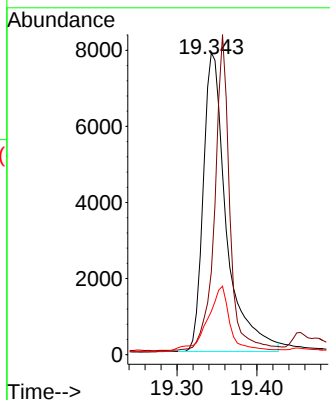
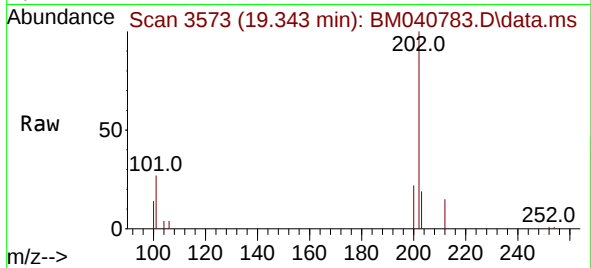




#19
Fluoranthene
Concen: 0.342 ng/ul
RT: 19.343 min Scan# 3573
Delta R.T. -0.009 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

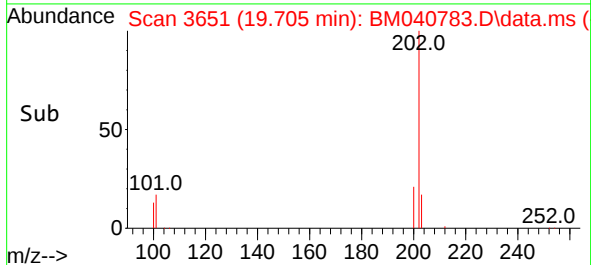
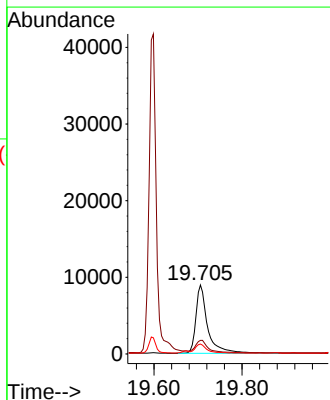
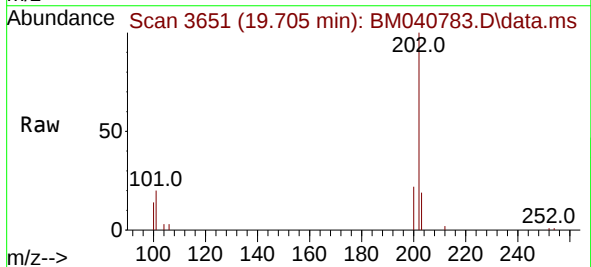
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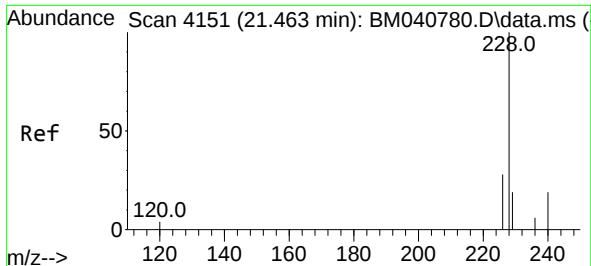
Tgt Ion:202 Resp: 15808
Ion Ratio Lower Upper
202 100
101 27.4 11.4 17.0#
100 14.4 8.7 13.1#



#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.705 min Scan# 3651
Delta R.T. -0.009 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

Tgt Ion:202 Resp: 16522
Ion Ratio Lower Upper
202 100
101 19.7 12.6 18.8#
100 14.3 9.8 14.6

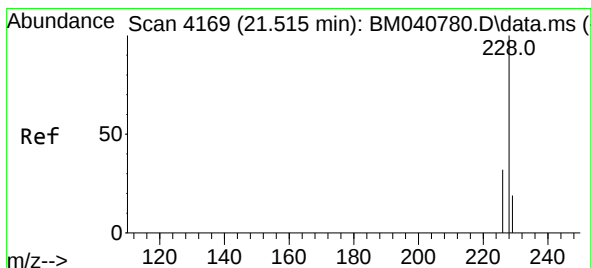
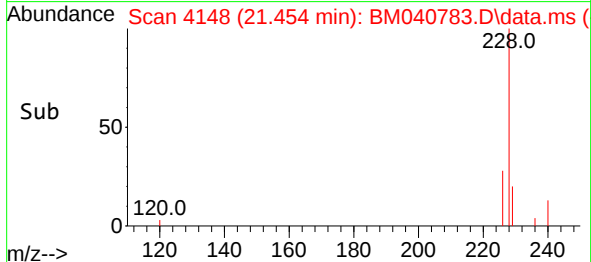
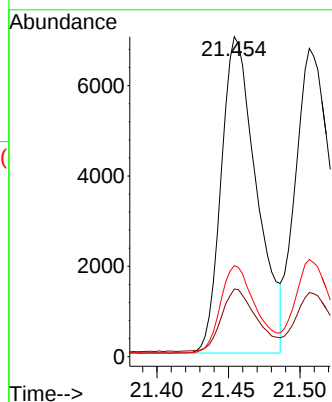
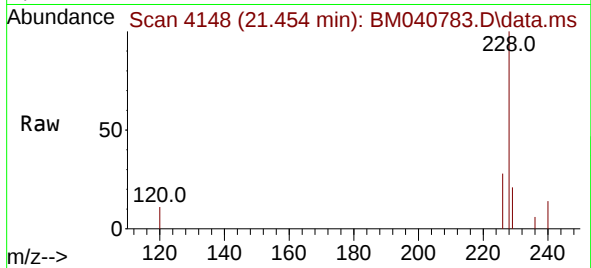




#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.454 min Scan# 4151
Delta R.T. -0.012 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

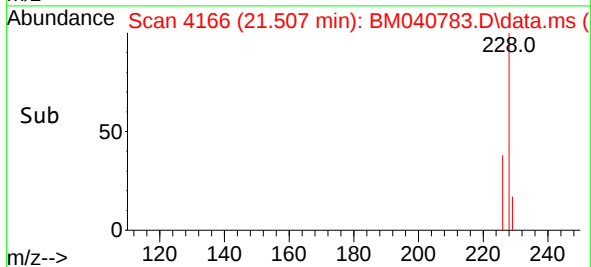
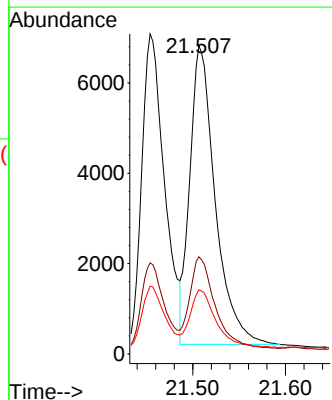
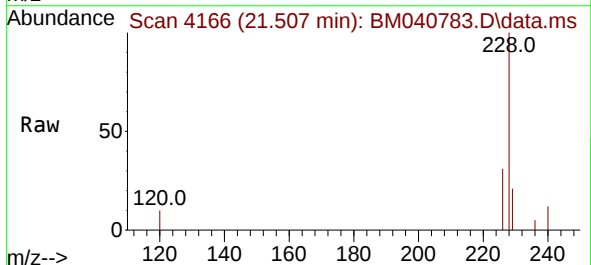
Instrument :
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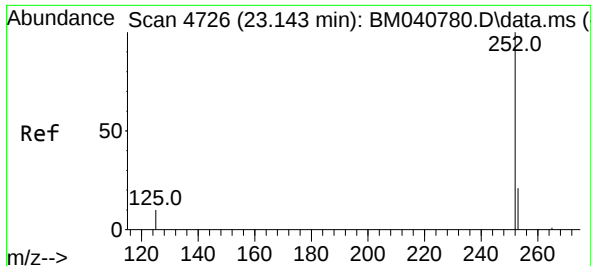
Tgt Ion:228	Resp:	12060
Ion Ratio	Lower	Upper
228	100	
229	21.2	16.0 24.0
226	28.4	22.3 33.5



#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. -0.009 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

Tgt Ion:228	Resp:	12603
Ion Ratio	Lower	Upper
228	100	
226	31.5	24.9 37.3
229	20.8	15.8 23.6

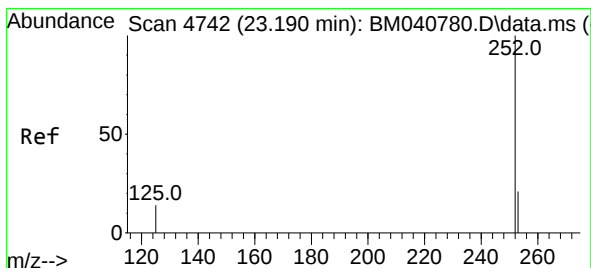
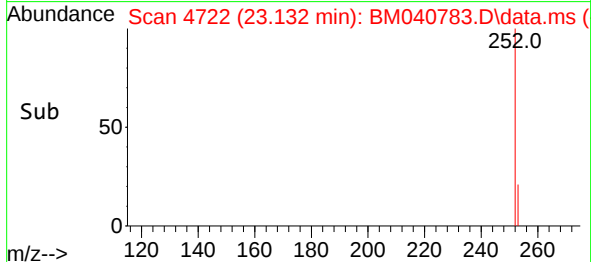
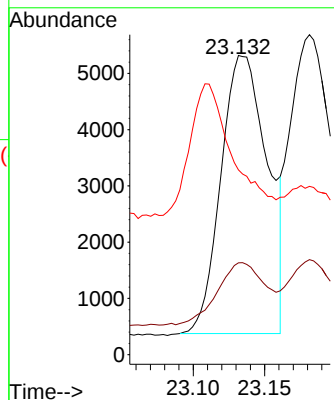
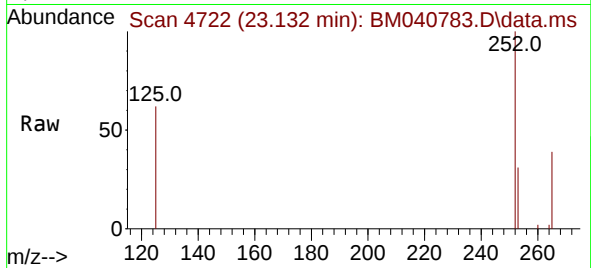




#24
Benzo(b)fluoranthene
Concen: 0.294 ng/ul
RT: 23.132 min Scan# 4739
Delta R.T. -0.015 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

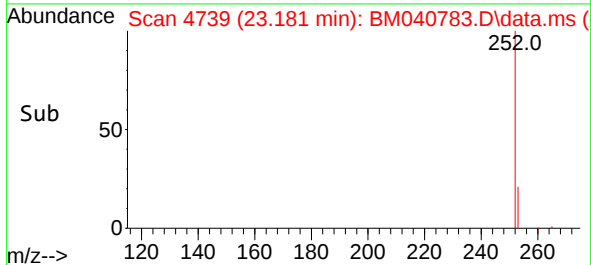
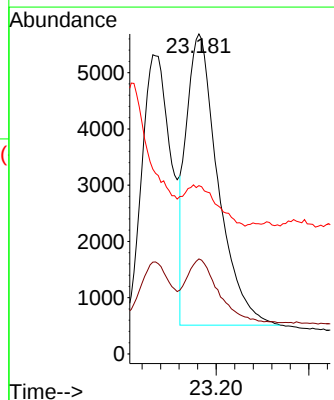
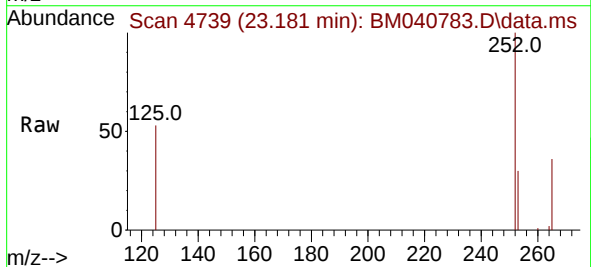
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

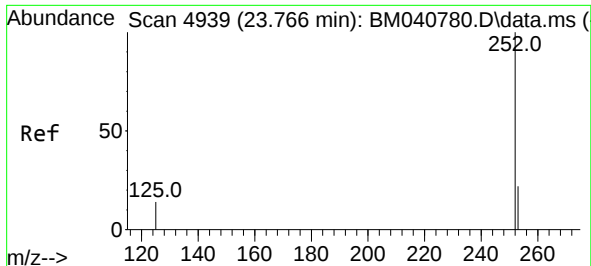
Tgt Ion:252 Resp: 11234
Ion Ratio Lower Upper
252 100
253 30.7 0.0 52.8
125 61.8 0.0 43.0#



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.181 min Scan# 4739
Delta R.T. -0.012 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

Tgt Ion:252 Resp: 12292
Ion Ratio Lower Upper
252 100
253 29.7 21.2 31.8
125 52.6 16.4 24.6#

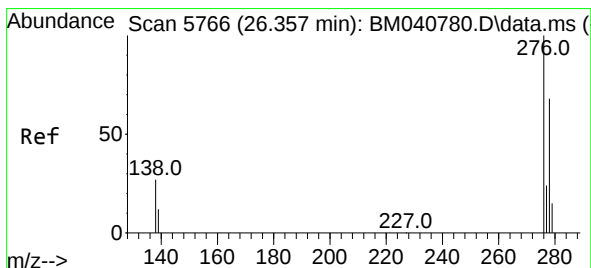
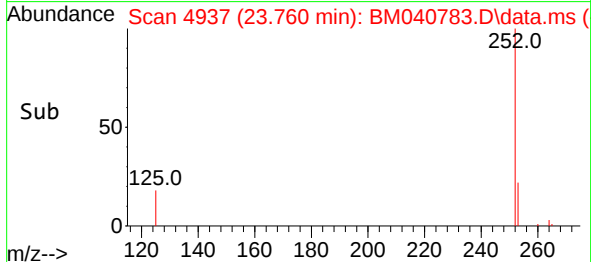
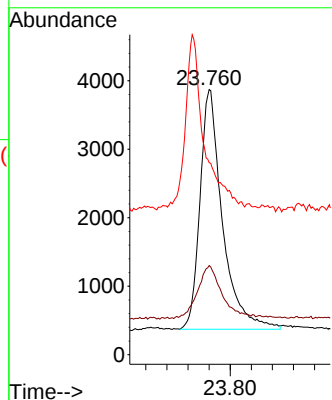
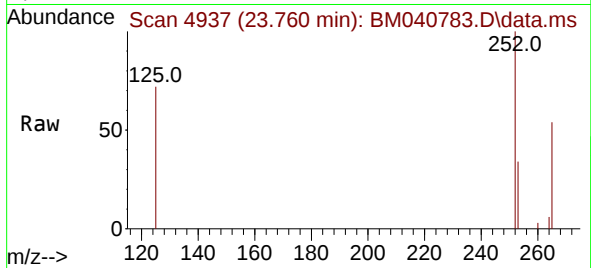




#26
Benzo(a)pyrene
Concen: 0.300 ng/ul
RT: 23.760 min Scan# 4939
Delta R.T. -0.012 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

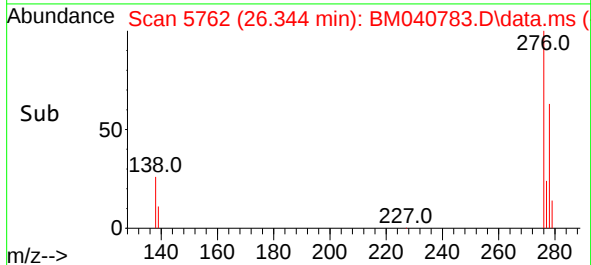
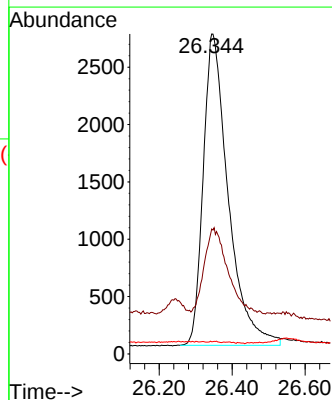
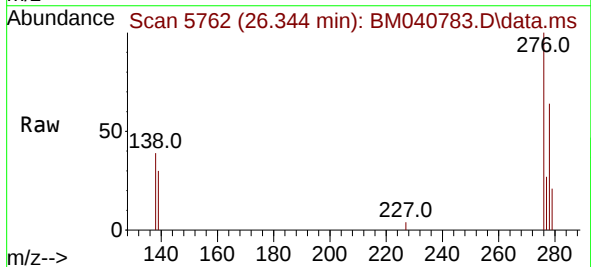
Instrument :
BNA_M
ClientSampleId :
YBTY3MSD

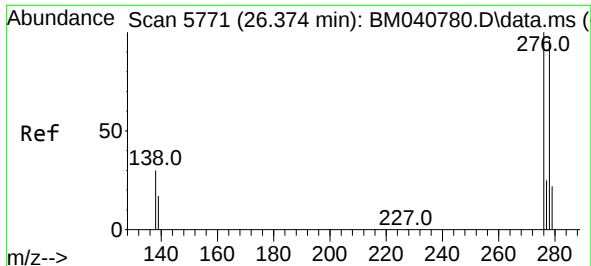
Tgt Ion:252 Resp: 10328
Ion Ratio Lower Upper
252 100
253 33.6 22.9 34.3
125 72.4 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.270 ng/ul
RT: 26.344 min Scan# 5762
Delta R.T. -0.013 min
Lab File: BM040783.D
Acq: 09 Jul 2023 19:29

Tgt Ion:276 Resp: 12940
Ion Ratio Lower Upper
276 100
138 25.2 24.5 36.7
227 0.0 0.1 0.1#

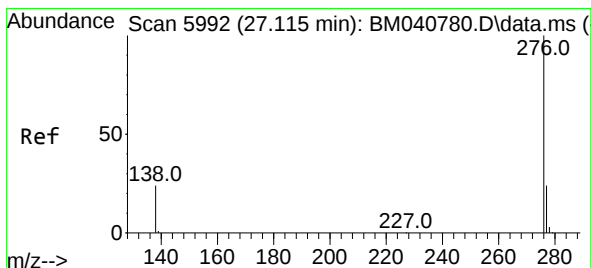
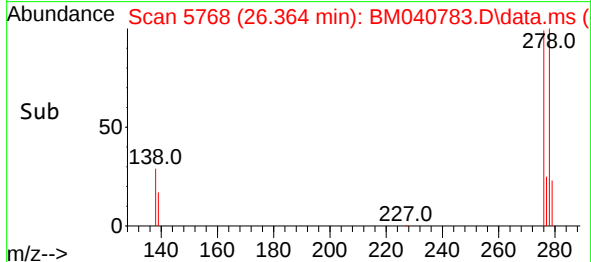
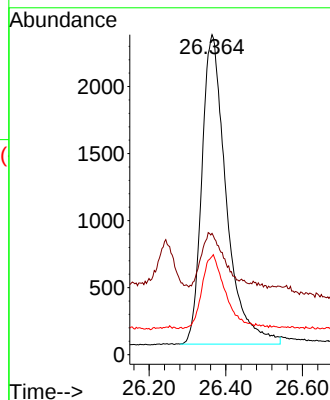
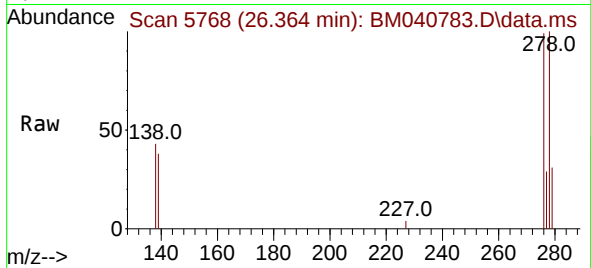




#28
 Dibenzo(a,h)anthracene
 Concen: 0.272 ng/ul
 RT: 26.364 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BM040783.D
 Acq: 09 Jul 2023 19:29

Instrument :
 BNA_M
 ClientSampleId :
 YBTY3MSD

Tgt Ion:278 Resp: 10228
 Ion Ratio Lower Upper
 278 100
 139 37.9 17.9 26.9#
 279 30.7 22.0 33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.263 ng/ul
 RT: 27.105 min Scan# 5989
 Delta R.T. -0.017 min
 Lab File: BM040783.D
 Acq: 09 Jul 2023 19:29

Tgt Ion:276 Resp: 11047
 Ion Ratio Lower Upper
 276 100
 138 34.4 23.0 34.6
 277 27.2 20.3 30.5

