

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040773.D
 Acq On : 09 Jul 2023 12:38
 Operator : MA/JU
 Sample : 03356-10MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YBW38MS

Quant Time: Jul 09 14:44:09 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)

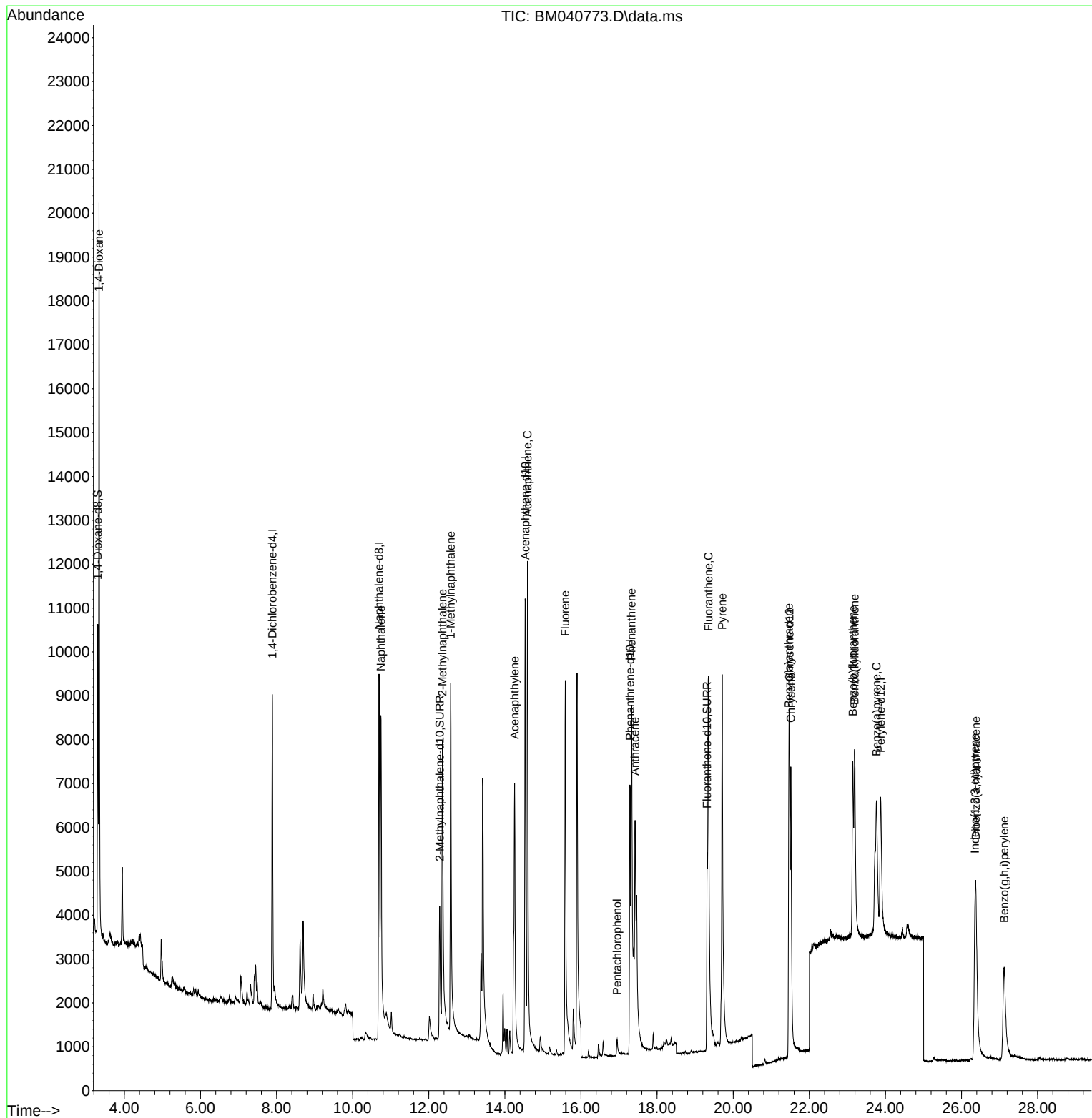
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	4226	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	15409	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.536	164	6780	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.286	188	11218	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	6729	0.400	ng/ul	0.00
23) Perylene-d12	23.874	264	5864	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	4010	0.604	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	6051	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	7982	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	9995	1.479	ng/ul	91
5) Naphthalene	10.741	128	12343	0.290	ng/ul	98
7) 2-Methylnaphthalene	12.357	142	7212	0.289	ng/ul	97
8) 1-Methylnaphthalene	12.577	142	6812	0.273	ng/ul	98
10) Acenaphthylene	14.254	152	8919	0.294	ng/ul	95
11) Acenaphthene	14.597	153	7421	0.290	ng/ul	98
12) Fluorene	15.587	166	7843	0.287	ng/ul	98
14) Pentachlorophenol	16.949	266	406	0.188	ng/ul	90
15) Phenanthrene	17.329	178	11049	0.317	ng/ul	98
16) Anthracene	17.421	178	10574	0.361	ng/ul	94
19) Fluoranthene	19.348	202	10329	0.361	ng/ul	98
20) Pyrene	19.710	202	10943	0.357	ng/ul	97
21) Benzo(a)anthracene	21.463	228	7077	0.311	ng/ul	97
22) Chrysene	21.515	228	8011	0.309	ng/ul	99
24) Benzo(b)fluoranthene	23.143	252	7014	0.309	ng/ul	84
25) Benzo(k)fluoranthene	23.190	252	7677	0.343	ng/ul#	85
26) Benzo(a)pyrene	23.766	252	6333	0.310	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.354	276	7946	0.279	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.374	278	6261	0.281	ng/ul#	87
29) Benzo(g,h,i)perylene	27.122	276	7371	0.295	ng/ul	96

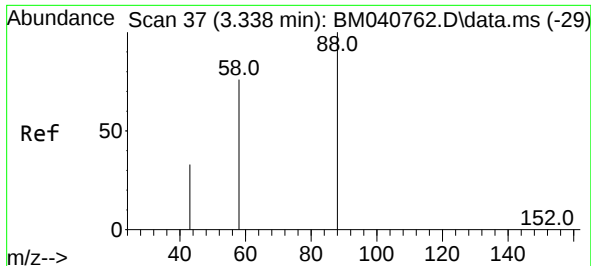
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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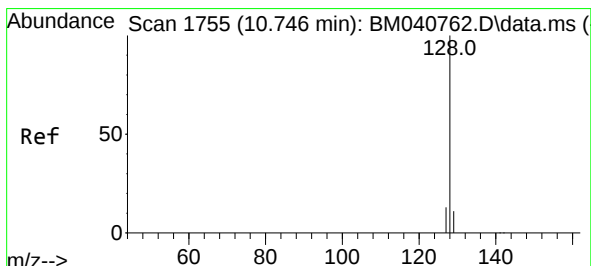
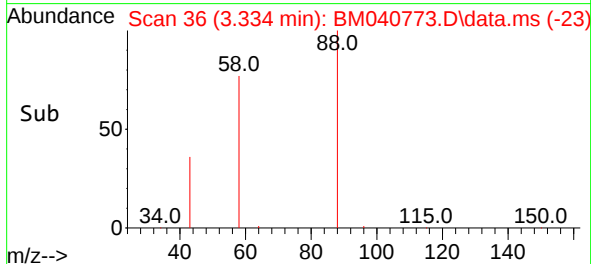
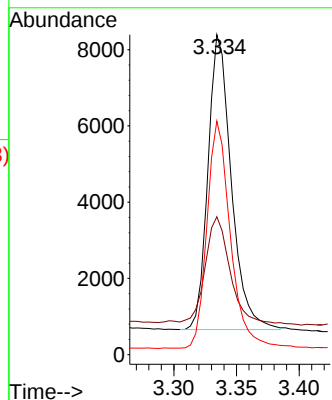
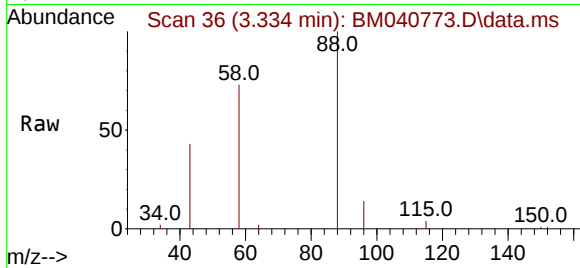




#2
 1,4-Dioxane
 Concen: 1.479 ng/ul
 RT: 3.334 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BM040773.D
 Acq: 09 Jul 2023 12:38

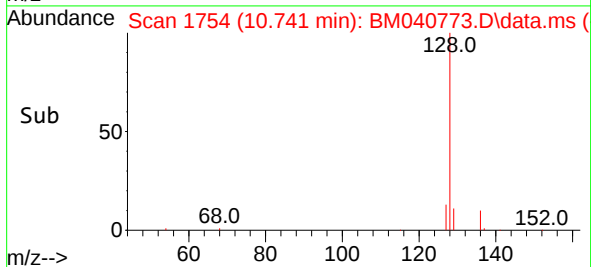
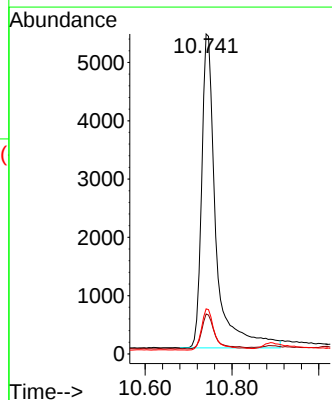
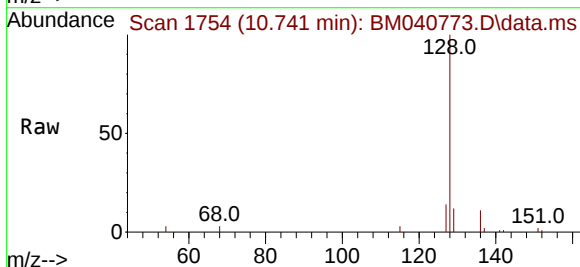
Instrument :
 BNA_M
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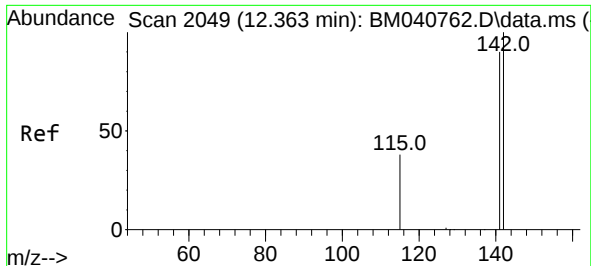
Tgt Ion: 88 Resp: 9995
 Ion Ratio Lower Upper
 88 100
 43 43.1 36.1 54.1
 58 73.0 49.8 74.8



#5
 Naphthalene
 Concen: 0.290 ng/ul
 RT: 10.741 min Scan# 1754
 Delta R.T. -0.005 min
 Lab File: BM040773.D
 Acq: 09 Jul 2023 12:38

Tgt Ion: 128 Resp: 12343
 Ion Ratio Lower Upper
 128 100
 129 12.5 9.2 13.8
 127 14.1 10.6 15.8

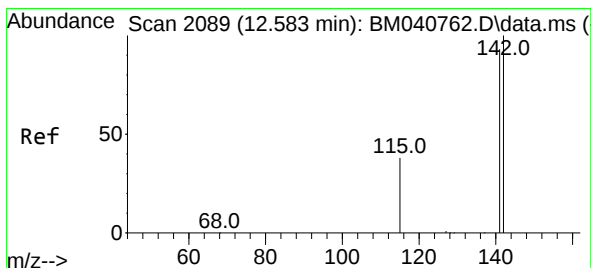
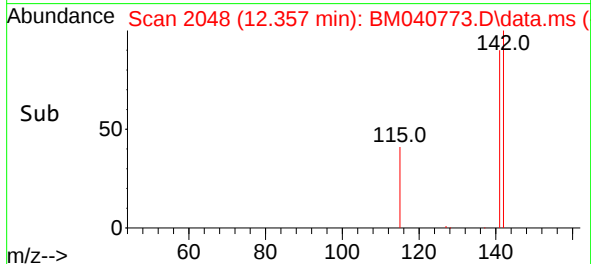
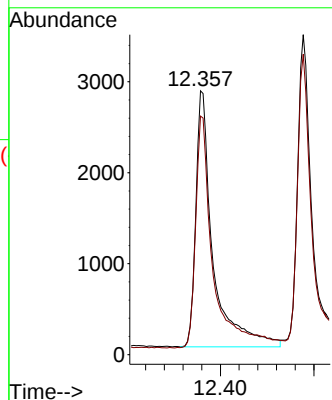
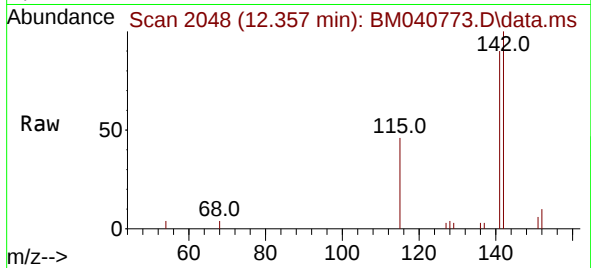




#7
2-Methylnaphthalene
Concen: 0.289 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. -0.005 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

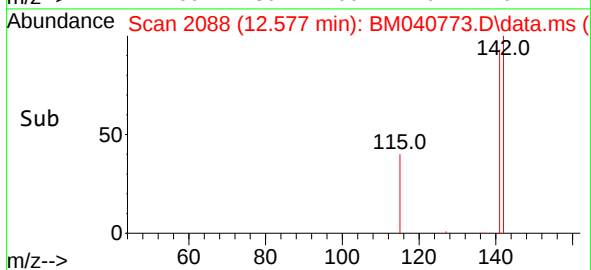
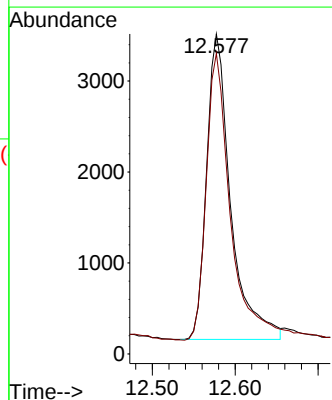
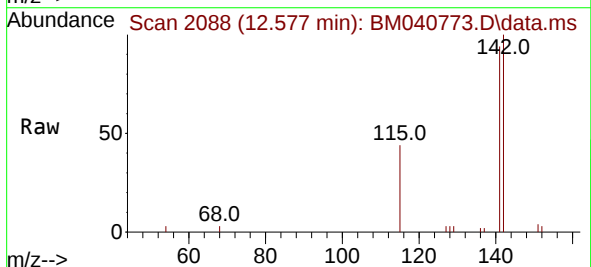
Instrument :
BNA_M
ClientSampleId :
YBW38MS

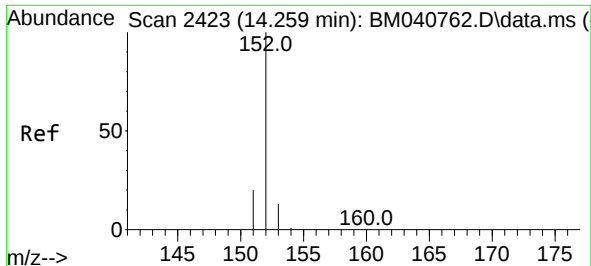
Tgt Ion:142 Resp: 7212
Ion Ratio Lower Upper
142 100
141 92.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 12.577 min Scan# 2088
Delta R.T. -0.005 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

Tgt Ion:142 Resp: 6812
Ion Ratio Lower Upper
142 100
141 93.8 73.7 110.5

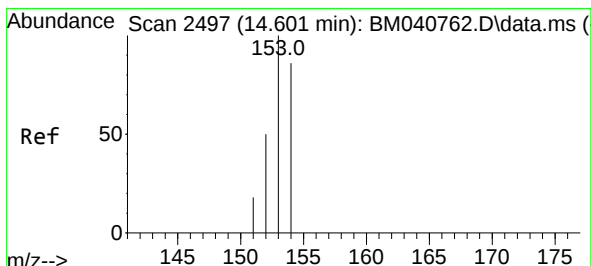
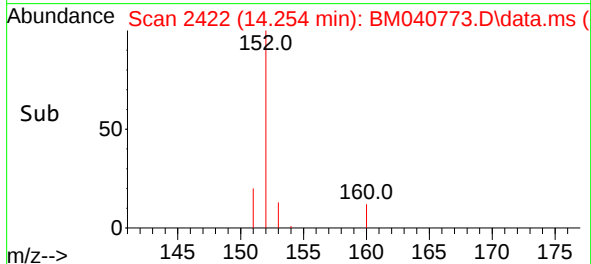
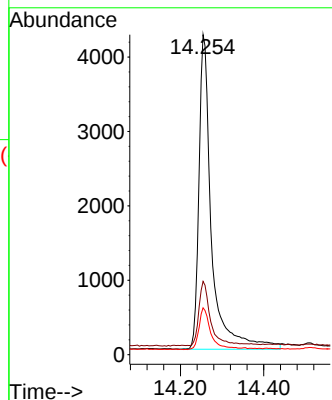
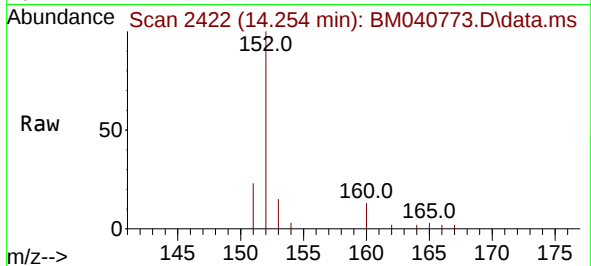




#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

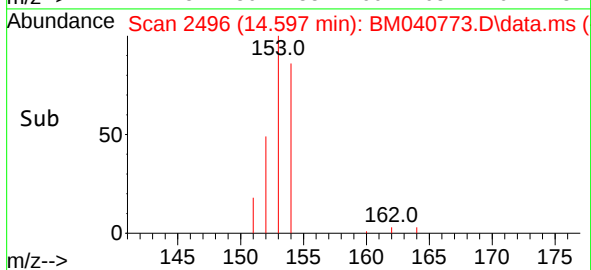
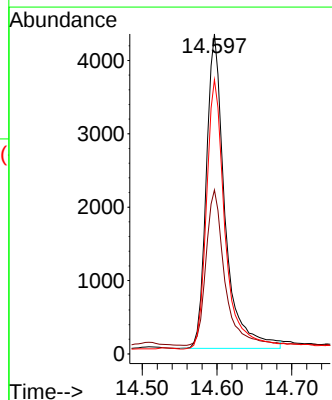
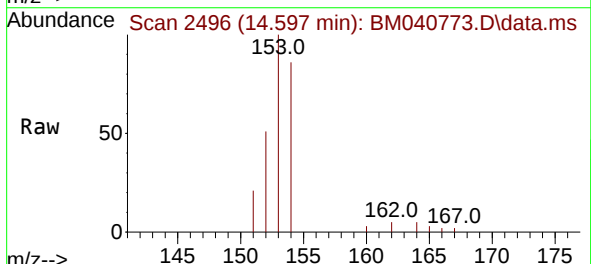
Instrument :
BNA_M
ClientSampleId :
YBW38MS

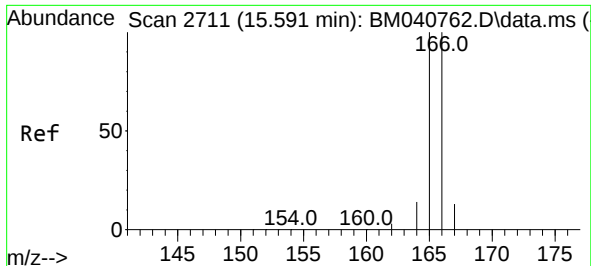
Tgt Ion:	152	Resp:	8919
Ion Ratio	Lower	Upper	
152	100		
151	22.9	16.2	24.2
153	14.7	10.9	16.3



#11
Acenaphthene
Concen: 0.290 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

Tgt Ion:	153	Resp:	7421
Ion Ratio	Lower	Upper	
153	100		
152	51.2	41.0	61.4
154	85.7	70.8	106.2

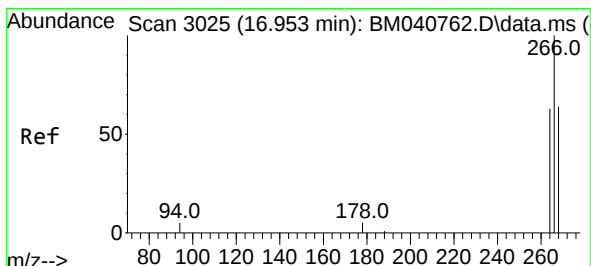
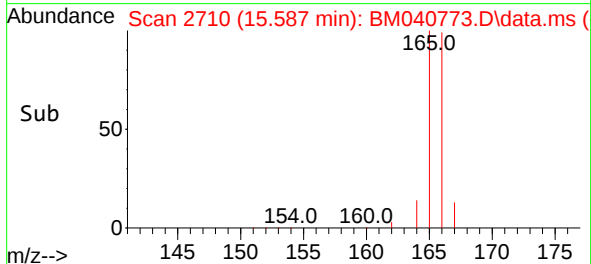
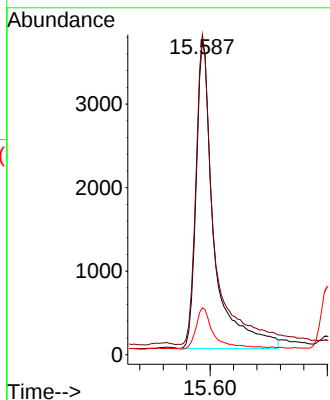
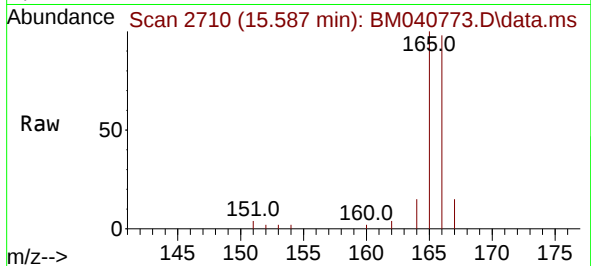




#12
Fluorene
Concen: 0.287 ng/ul
RT: 15.587 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

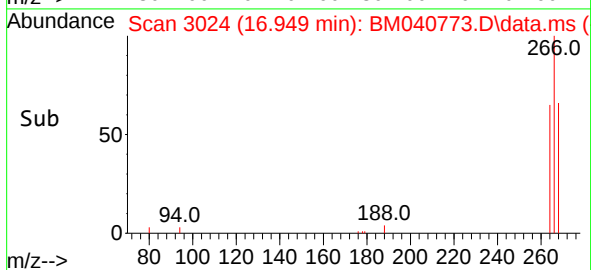
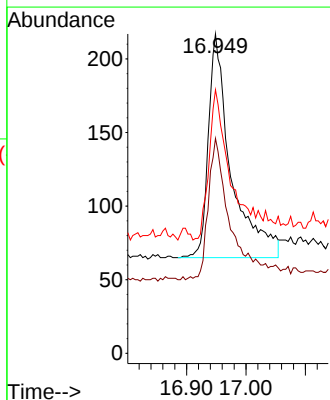
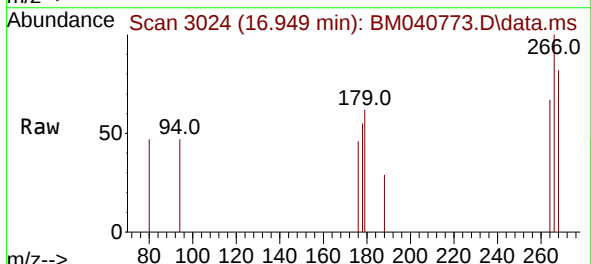
Instrument :
BNA_M
ClientSampleId :
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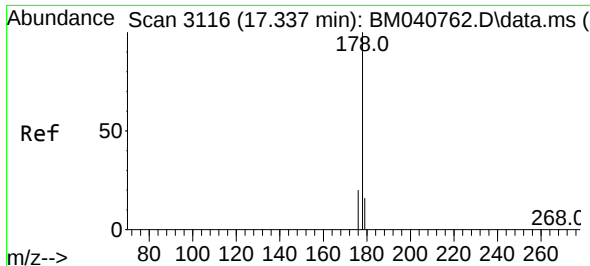
Tgt Ion:	166	Resp:	7843
Ion Ratio	Lower	Upper	
166	100		
165	101.8	79.6	119.4
167	14.9	11.4	17.0



#14
Pentachlorophenol
Concen: 0.188 ng/ul
RT: 16.949 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

Tgt Ion:	266	Resp:	406
Ion Ratio	Lower	Upper	
266	100		
264	62.8	45.4	68.0
268	68.0	47.2	70.8

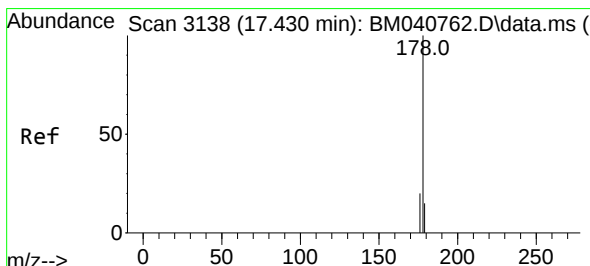
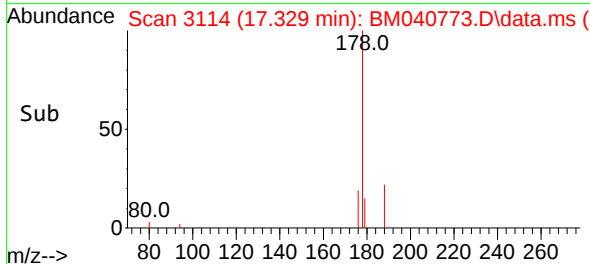
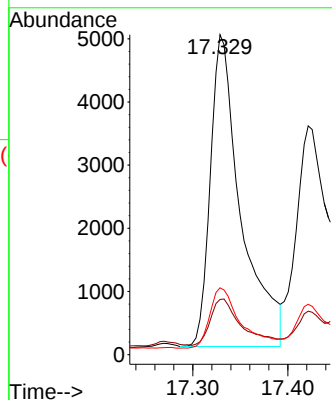
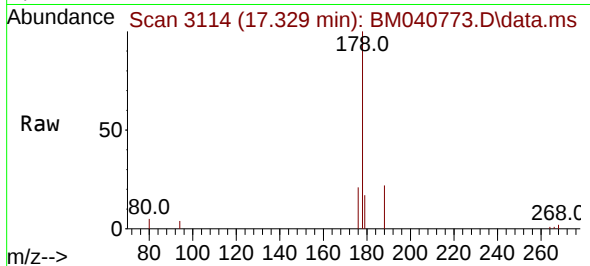




#15
Phenanthrene
Concen: 0.317 ng/ul
RT: 17.329 min Scan# 3114
Delta R.T. -0.008 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

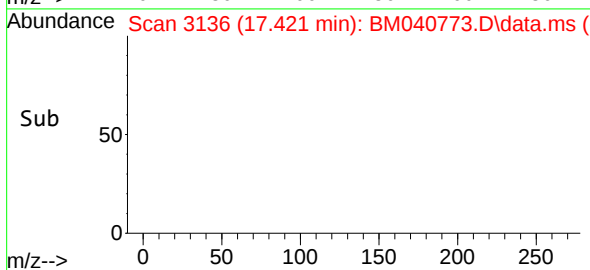
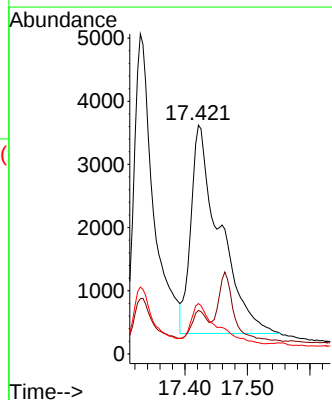
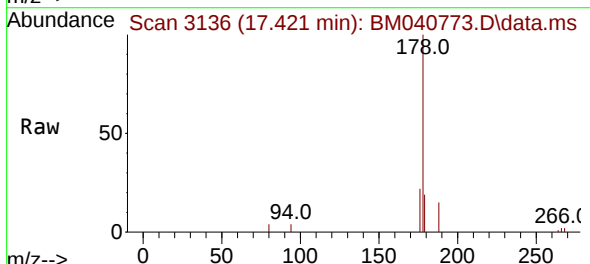
Instrument :
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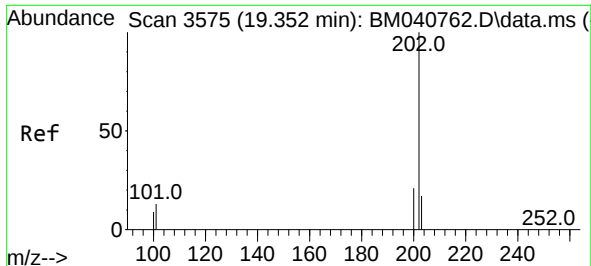
Tgt Ion:178 Resp: 11049
Ion Ratio Lower Upper
178 100
179 17.3 12.8 19.2
176 20.9 16.4 24.6



#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.421 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

Tgt Ion:178 Resp: 10574
Ion Ratio Lower Upper
178 100
179 19.0 12.9 19.3
176 22.1 15.8 23.6

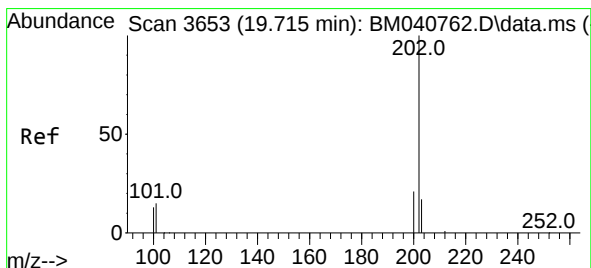
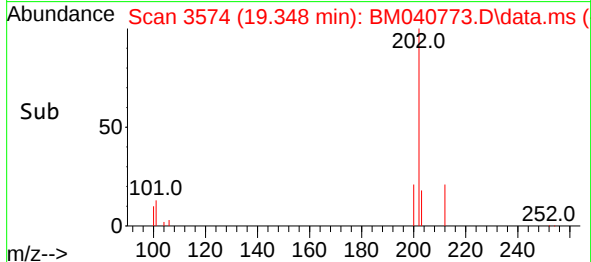
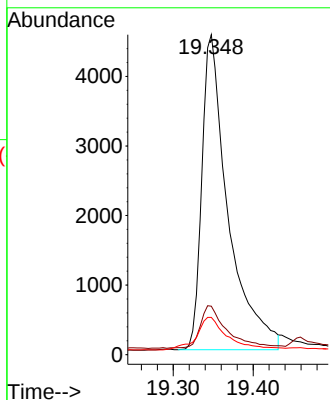
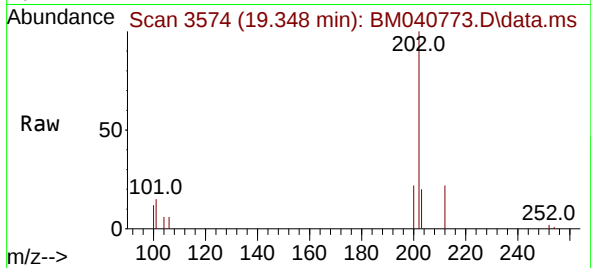




#19
Fluoranthene
Concen: 0.361 ng/ul
RT: 19.348 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

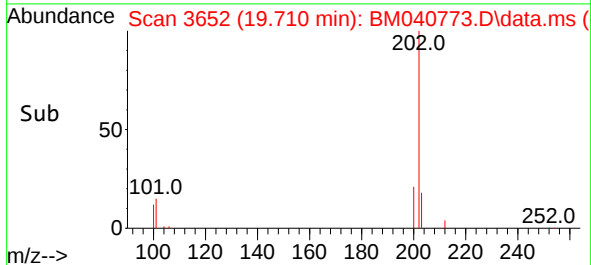
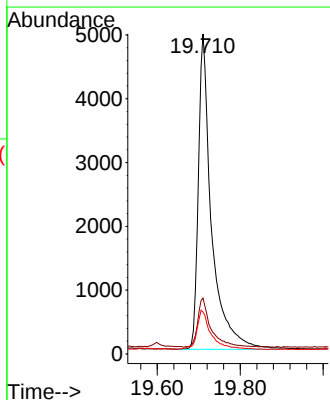
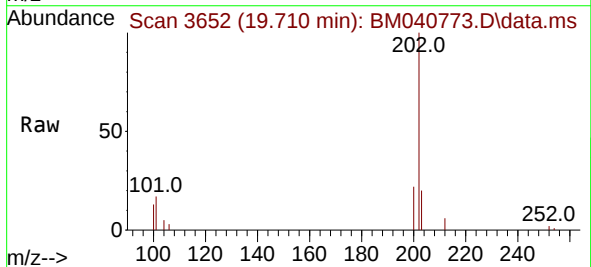
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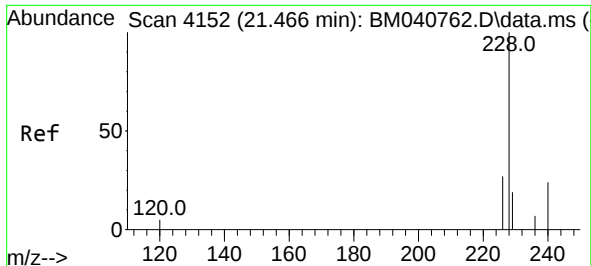
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.4	17.0
100	11.7	8.7	13.1



#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.005 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.4	12.6	18.8
100	13.1	9.8	14.6

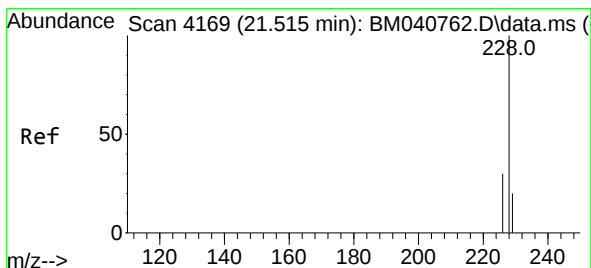
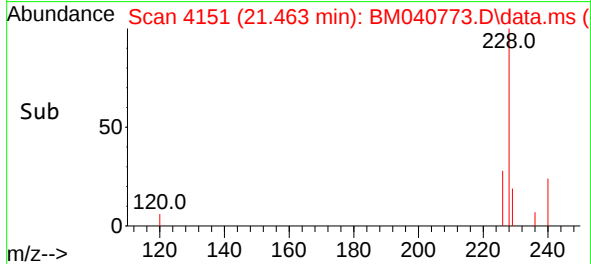
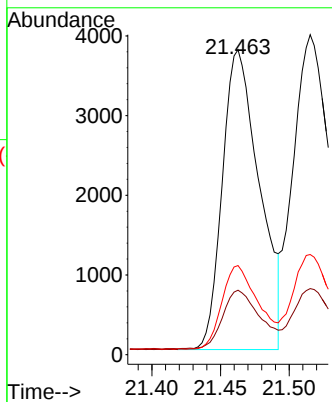
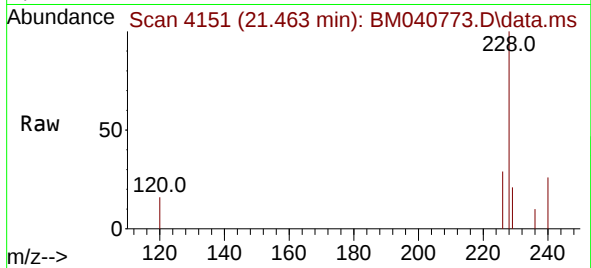




#21
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.463 min Scan# 4151
Delta R.T. -0.003 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

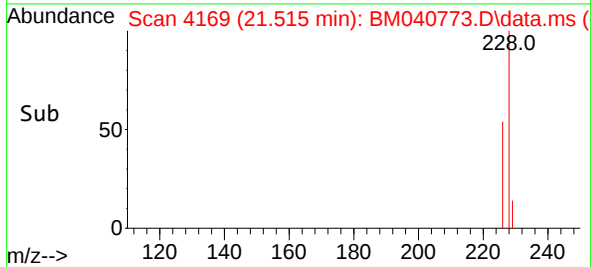
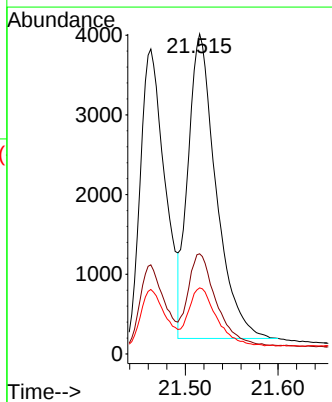
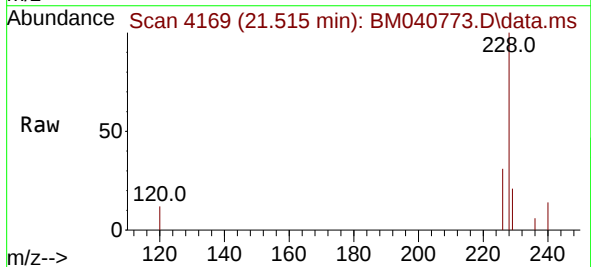
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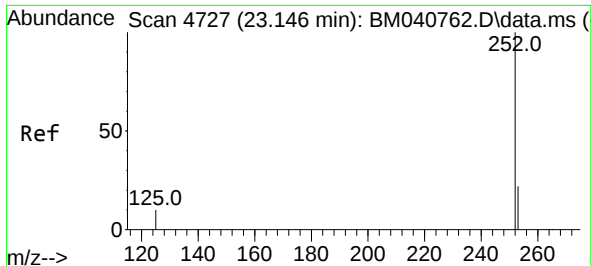
Tgt Ion:228	Resp:	7077
Ion	Ratio	Lower Upper
228	100	
229	21.1	16.0 24.0
226	29.2	22.3 33.5



#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.515 min Scan# 4169
Delta R.T. 0.000 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

Tgt Ion:228	Resp:	8011
Ion	Ratio	Lower Upper
228	100	
226	31.3	24.9 37.3
229	20.7	15.8 23.6

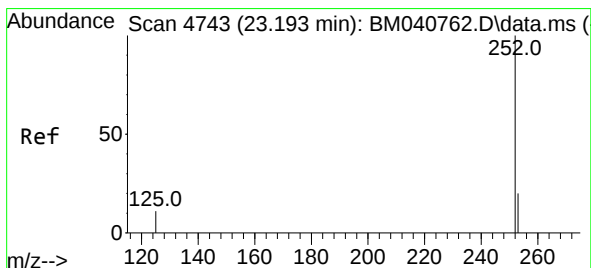
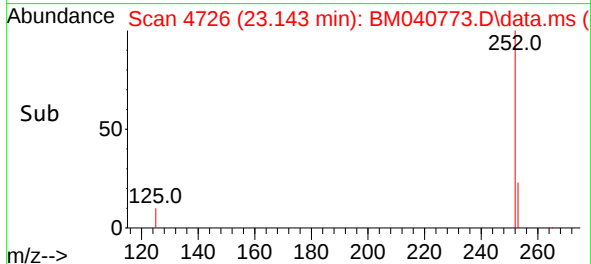
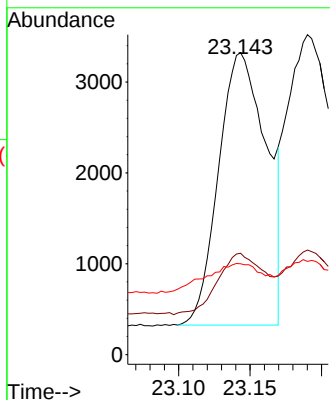
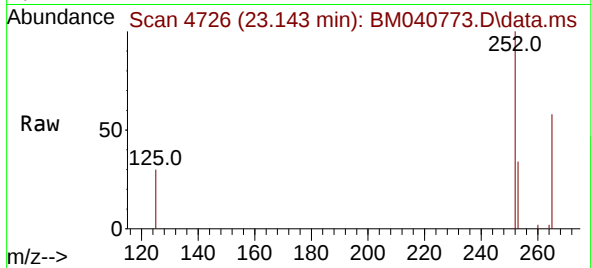




#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul
RT: 23.143 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

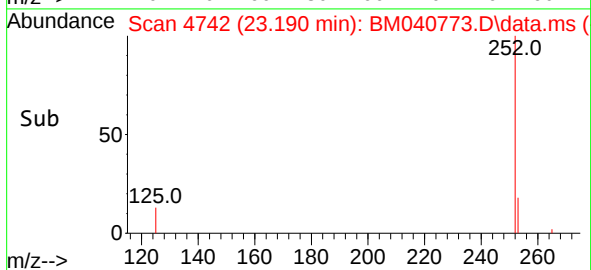
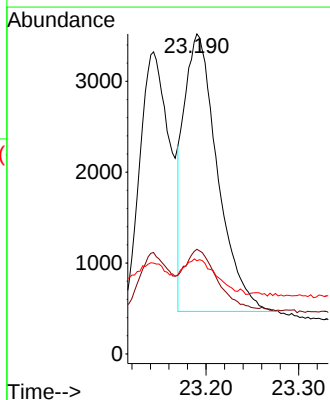
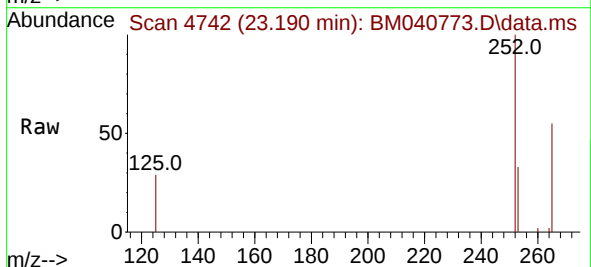
Instrument :
BNA_M
ClientSampleId :
YBW38MS

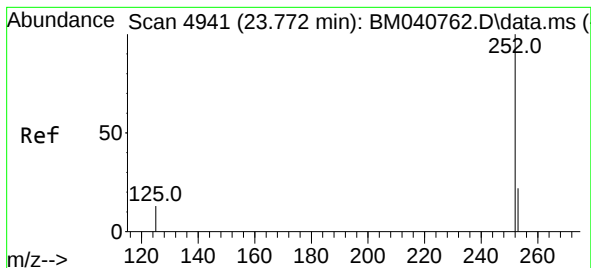
Tgt Ion:	252	Resp:	7014
Ion Ratio	Lower	Upper	
252	100		
253	33.6	0.0	52.8
125	30.1	0.0	43.0



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 23.190 min Scan# 4742
Delta R.T. -0.003 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

Tgt Ion:	252	Resp:	7677
Ion Ratio	Lower	Upper	
252	100		
253	32.7	21.2	31.8#
125	29.1	16.4	24.6#





#26

Benzo(a)pyrene

Concen: 0.310 ng/ul

RT: 23.766 min Scan# 4941

Delta R.T. -0.006 min

Lab File: BM040773.D

Acq: 09 Jul 2023 12:38

Instrument :

BNA_M

ClientSampleId :

YBW38MS

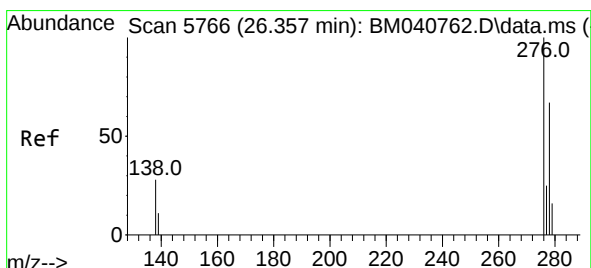
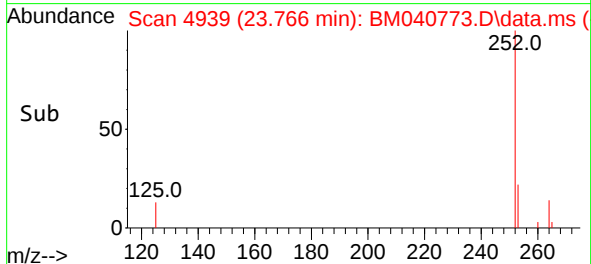
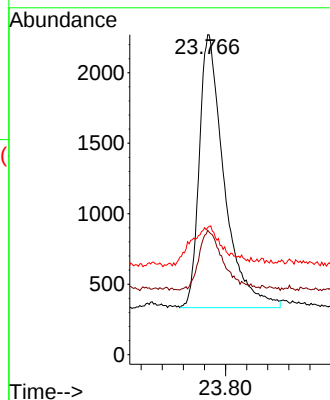
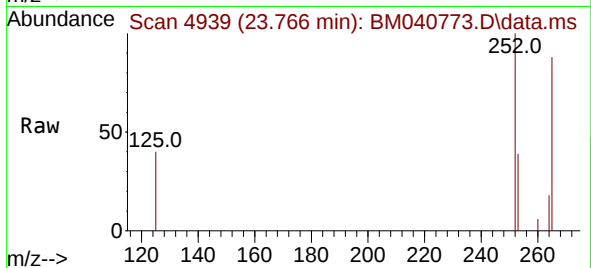
Tgt Ion:252 Resp: 6333

Ion Ratio Lower Upper

252 100

253 38.9 22.9 34.3#

125 39.7 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.279 ng/ul

RT: 26.354 min Scan# 5765

Delta R.T. -0.003 min

Lab File: BM040773.D

Acq: 09 Jul 2023 12:38

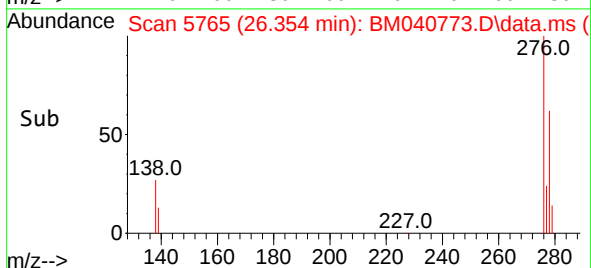
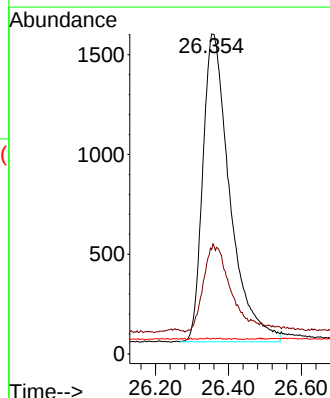
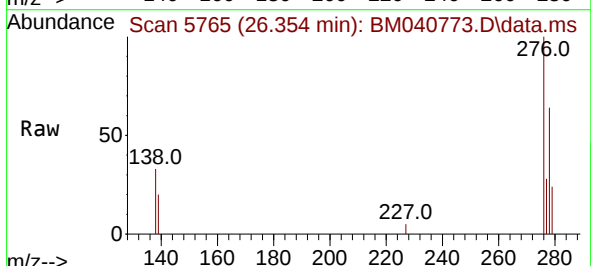
Tgt Ion:276 Resp: 7946

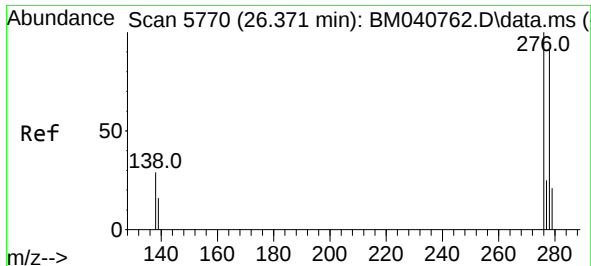
Ion Ratio Lower Upper

276 100

138 29.8 24.5 36.7

227 0.0 0.1 0.1#

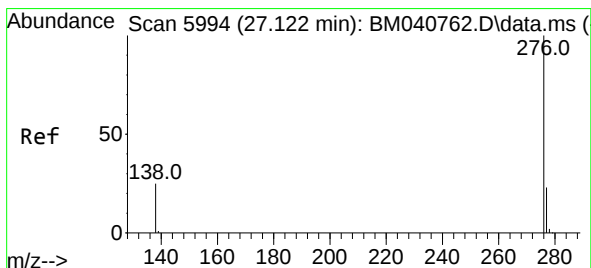
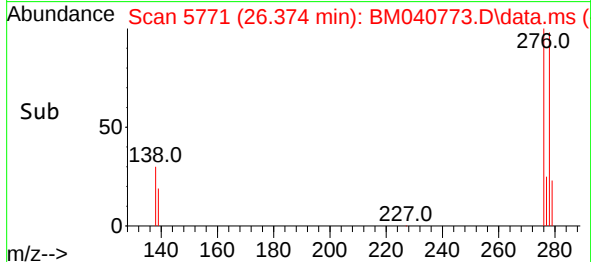
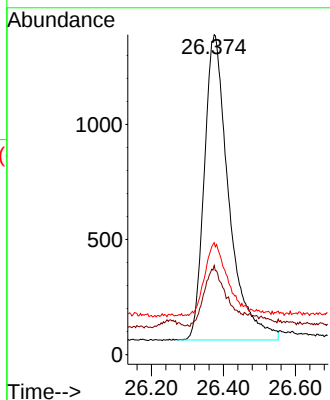
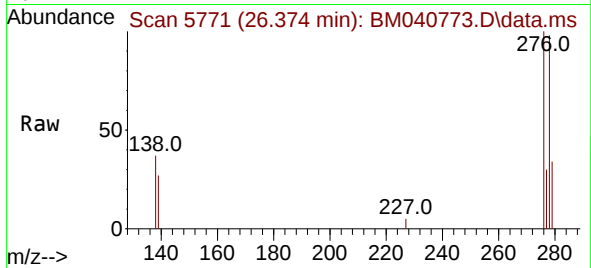




#28
Dibenzo(a,h)anthracene
Concen: 0.281 ng/ul
RT: 26.374 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

Instrument :
BNA_M
ClientSampleId :
YBW38MS

Tgt Ion:278 Resp: 6261
Ion Ratio Lower Upper
278 100
139 27.8 17.9 26.9#
279 35.0 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.295 ng/ul
RT: 27.122 min Scan# 5994
Delta R.T. 0.000 min
Lab File: BM040773.D
Acq: 09 Jul 2023 12:38

Tgt Ion:276 Resp: 7371
Ion Ratio Lower Upper
276 100
138 31.1 23.0 34.6
277 27.1 20.3 30.5

