

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071023\
 Data File : BM040792.D
 Acq On : 10 Jul 2023 10:03
 Operator : MA/JU
 Sample : 03384-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YBW82MS

Quant Time: Jul 11 03:55:19 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 : Tue Jul 11 03:54:24 2023
 Response via : Initial Calibration

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

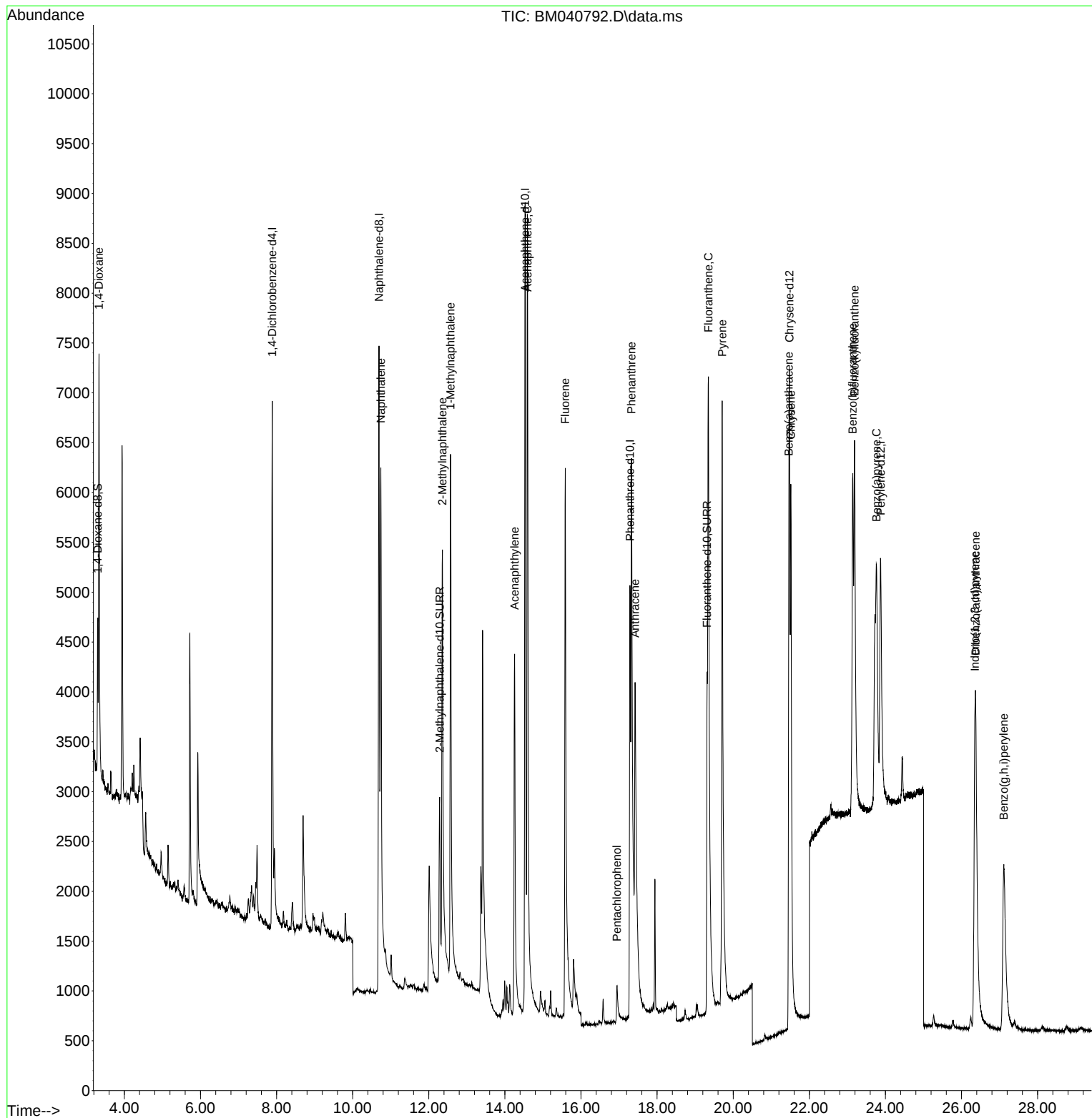
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	3305	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	12305	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.532	164	5667	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.286	188	8800	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	5980	0.400	ng/ul	0.00
23) Perylene-d12	23.874	264	4736	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1294	0.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	4028	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	6617	0.345	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	2689	0.509	ng/ul	97
5) Naphthalene	10.740	128	8960	0.264	ng/ul	97
7) 2-Methylnaphthalene	12.357	142	4743	0.238	ng/ul	94
8) 1-Methylnaphthalene	12.572	142	4659	0.234	ng/ul	97
10) Acenaphthylene	14.254	152	6441	0.254	ng/ul	95
11) Acenaphthene	14.592	153	6064	0.284	ng/ul	96
12) Fluorene	15.587	166	6120	0.268	ng/ul	97
14) Pentachlorophenol	16.944	266	523	0.309	ng/ul	93
15) Phenanthrene	17.328	178	8292	0.303	ng/ul	96
16) Anthracene	17.421	178	7170	0.312	ng/ul#	92
19) Fluoranthene	19.348	202	8451	0.333	ng/ul	97
20) Pyrene	19.710	202	8991	0.330	ng/ul	97
21) Benzo(a)anthracene	21.463	228	5675	0.281	ng/ul	98
22) Chrysene	21.515	228	6983	0.303	ng/ul	98
24) Benzo(b)fluoranthene	23.140	252	6294	0.343	ng/ul	88
25) Benzo(k)fluoranthene	23.187	252	6509	0.360	ng/ul#	88
26) Benzo(a)pyrene	23.766	252	5139	0.311	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.350	276	6934	0.302	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.371	278	5364	0.298	ng/ul#	89
29) Benzo(g,h,i)perylene	27.112	276	6167	0.306	ng/ul	94

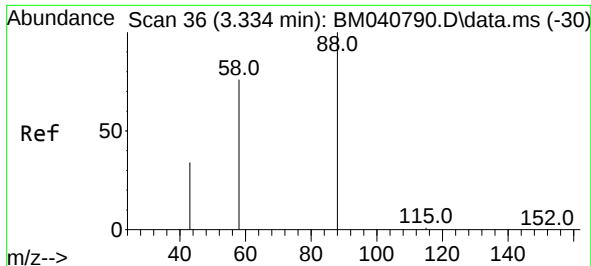
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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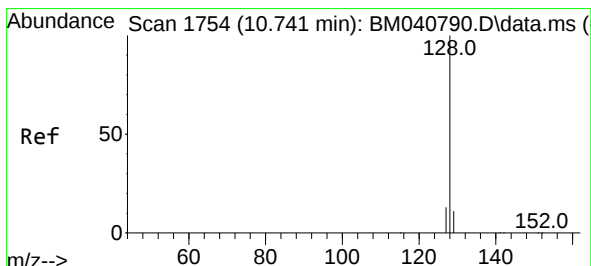
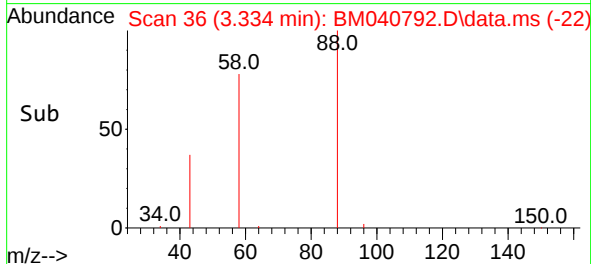
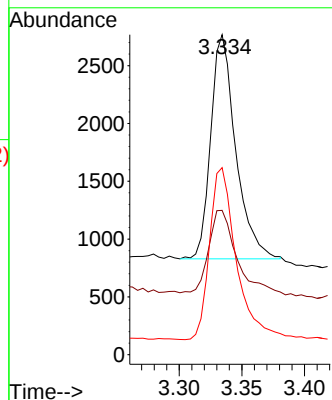
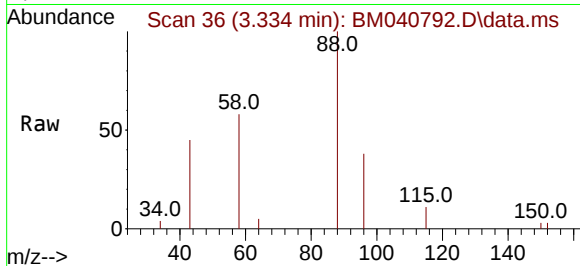




#2
1,4-Dioxane
Concen: 0.509 ng/ul
RT: 3.334 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

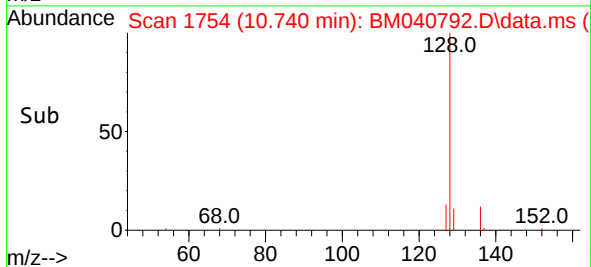
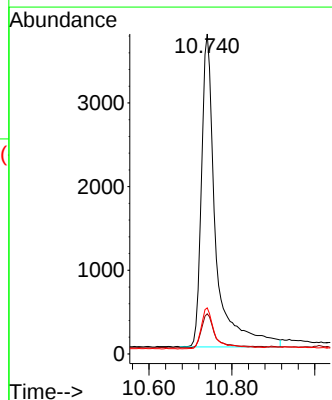
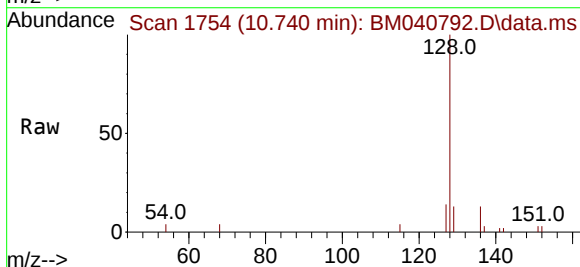
Instrument :
BNA_M
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YBW82MS

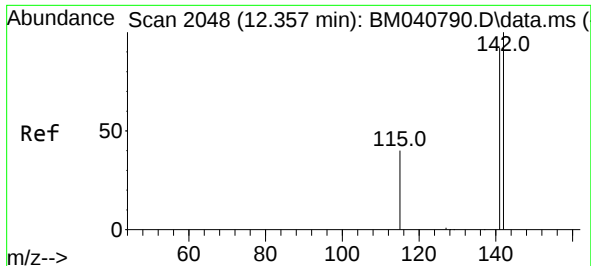
Tgt Ion: 88 Resp: 2689
Ion Ratio Lower Upper
88 100
43 45.1 36.1 54.1
58 58.5 49.8 74.8



#5
Naphthalene
Concen: 0.264 ng/ul
RT: 10.740 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

Tgt Ion: 128 Resp: 8960
Ion Ratio Lower Upper
128 100
129 12.5 9.2 13.8
127 14.4 10.6 15.8

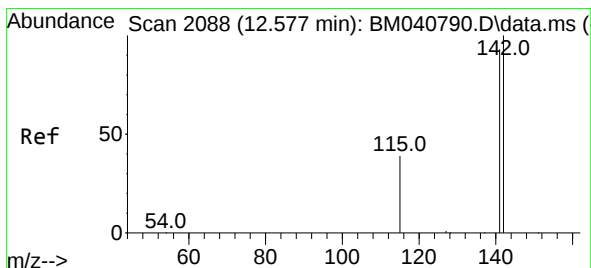
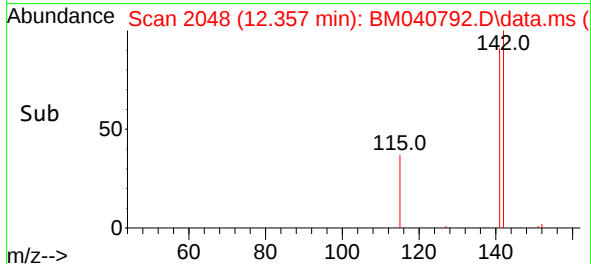
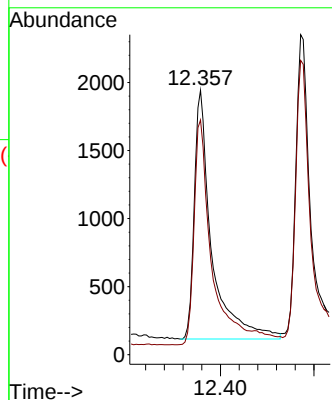
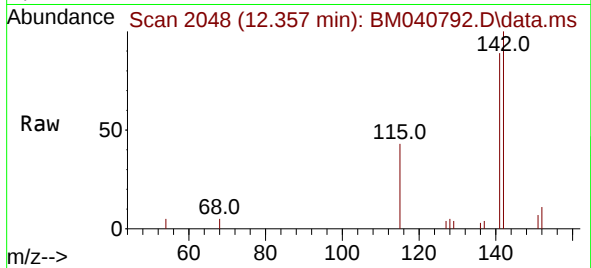




#7
2-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

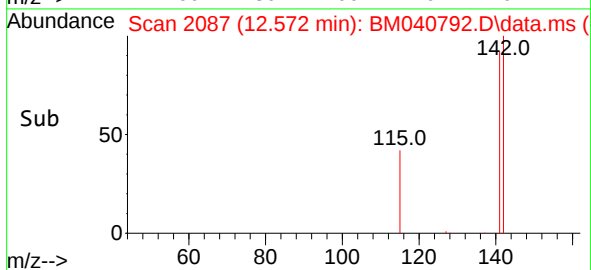
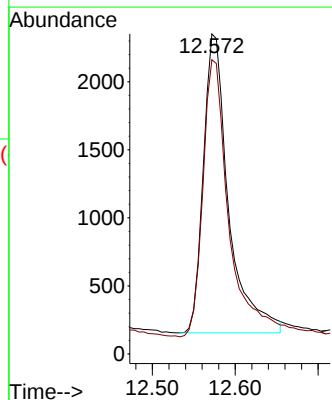
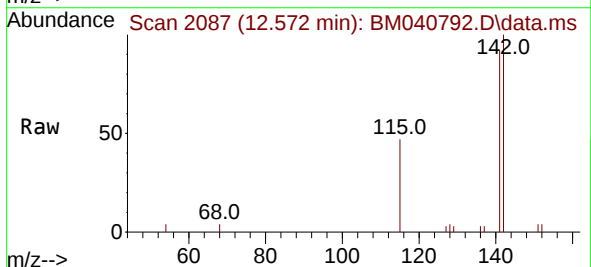
Instrument :
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YBW82MS

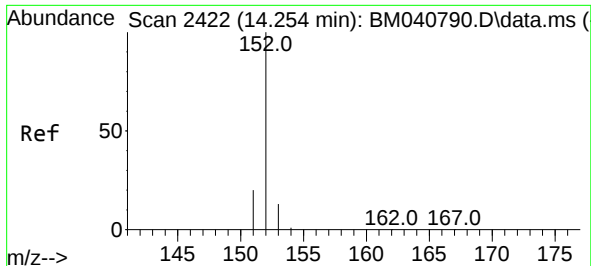
Tgt Ion:142 Resp: 4743
Ion Ratio Lower Upper
142 100
141 95.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.234 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

Tgt Ion:142 Resp: 4659
Ion Ratio Lower Upper
142 100
141 95.1 73.7 110.5

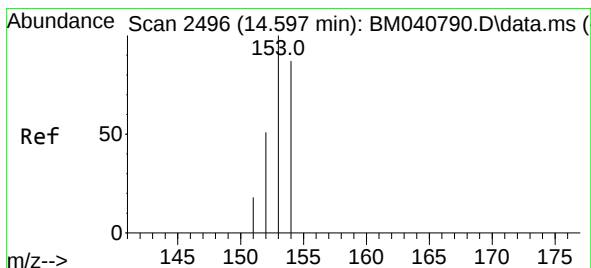
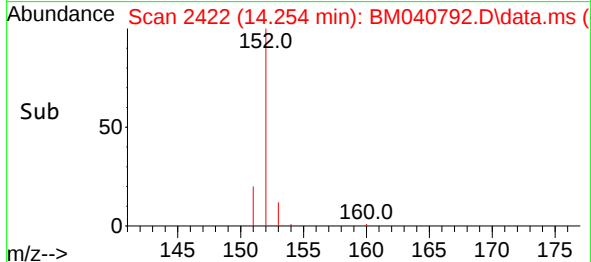
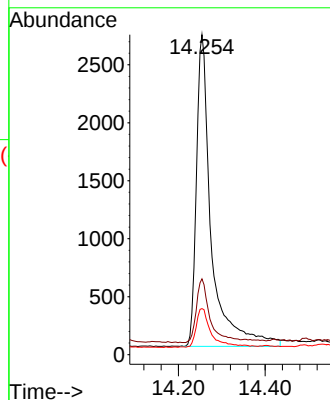
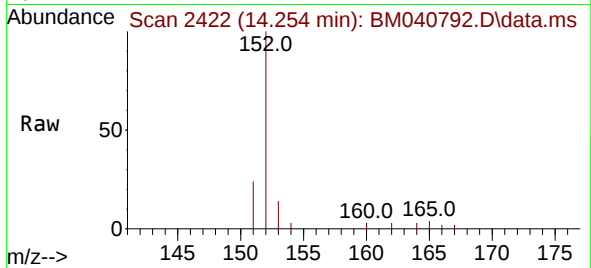




#10
Acenaphthylene
Concen: 0.254 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

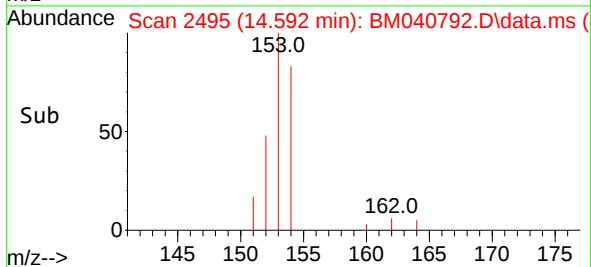
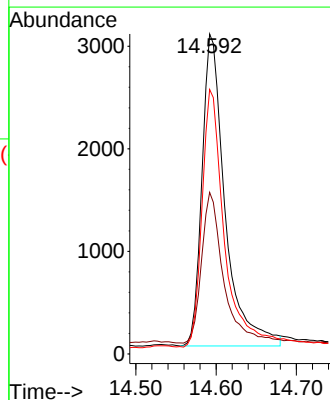
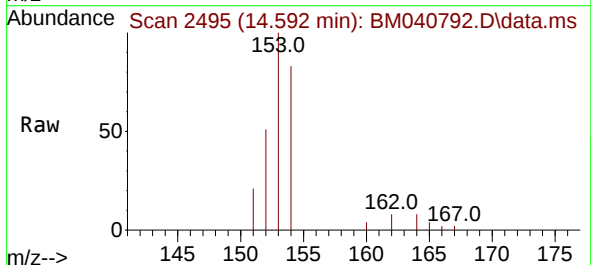
Instrument :
BNA_M
ClientSampleId :
YBW82MS

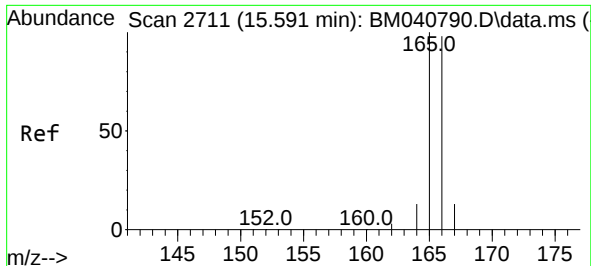
Tgt Ion:	152	Resp:	6441
Ion Ratio	Lower	Upper	
152	100		
151	23.7	16.2	24.2
153	14.4	10.9	16.3



#11
Acenaphthene
Concen: 0.284 ng/ul
RT: 14.592 min Scan# 2495
Delta R.T. -0.005 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

Tgt Ion:	153	Resp:	6064
Ion Ratio	Lower	Upper	
153	100		
152	50.5	41.0	61.4
154	82.7	70.8	106.2

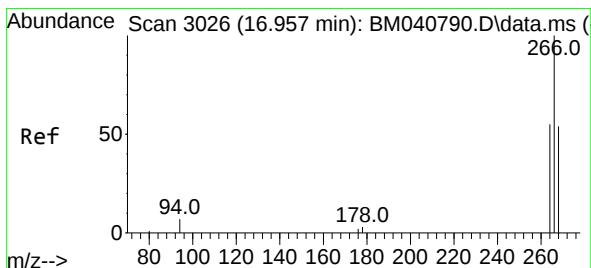
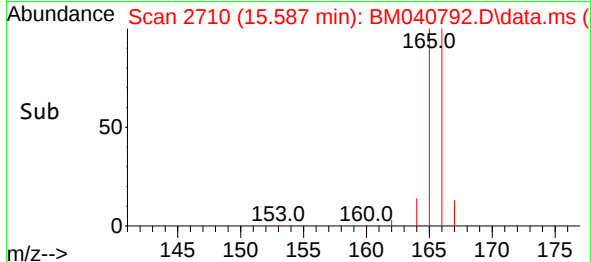
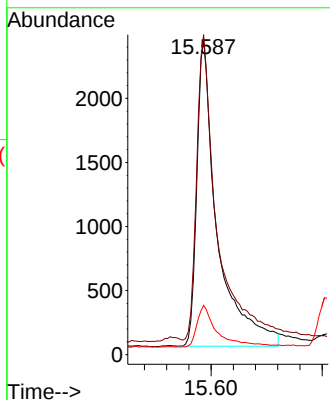
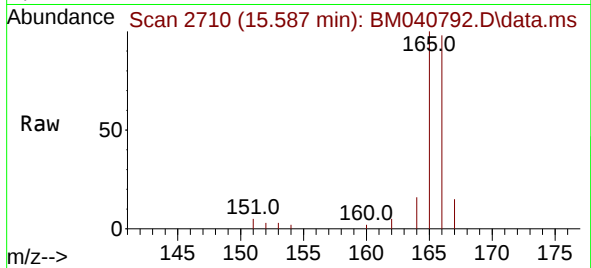




#12
Fluorene
Concen: 0.268 ng/ul
RT: 15.587 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

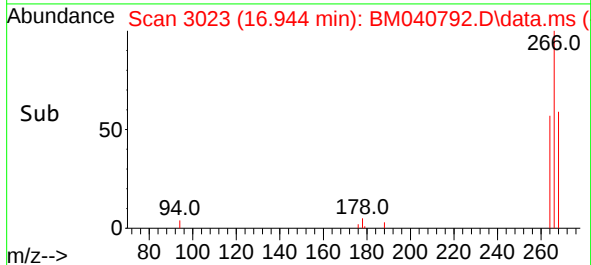
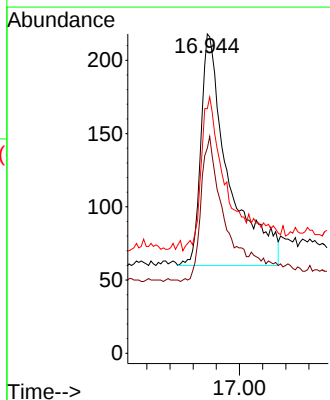
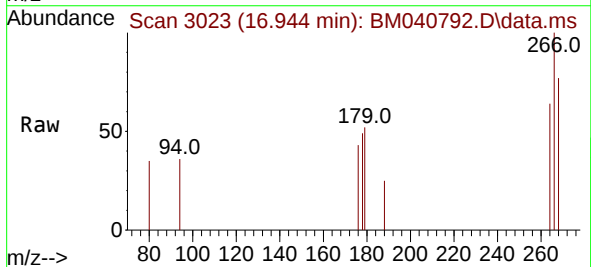
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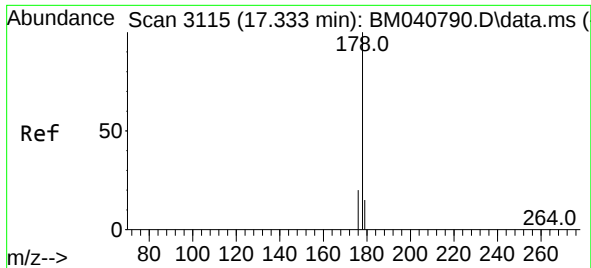
Tgt Ion:	166	Resp:	6120
Ion Ratio	Lower	Upper	
166	100		
165	101.8	79.6	119.4
167	15.7	11.4	17.0



#14
Pentachlorophenol
Concen: 0.309 ng/ul
RT: 16.944 min Scan# 3023
Delta R.T. -0.013 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

Tgt Ion:	266	Resp:	523
Ion Ratio	Lower	Upper	
266	100		
264	60.0	45.4	68.0
268	66.0	47.2	70.8

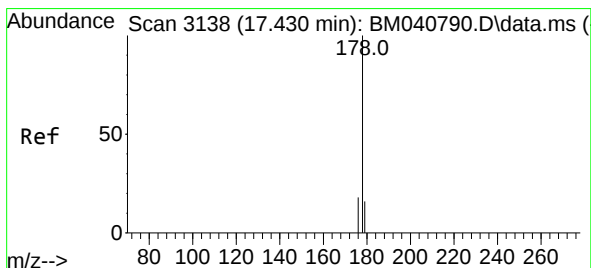
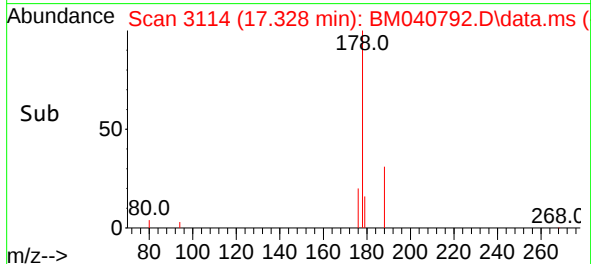
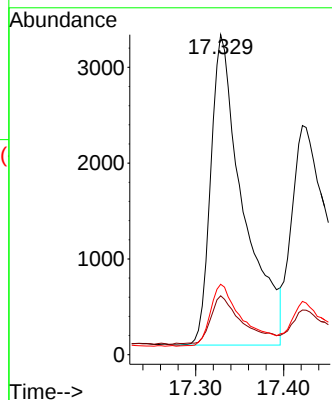
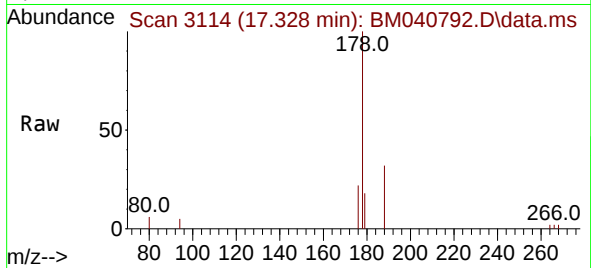




#15
Phenanthrene
Concen: 0.303 ng/u1
RT: 17.328 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

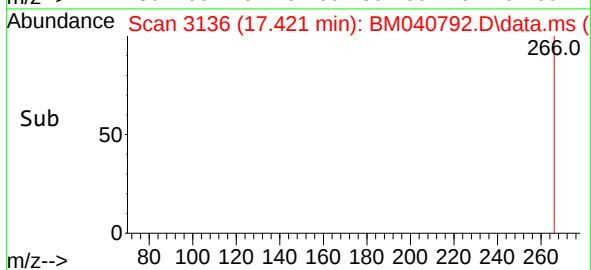
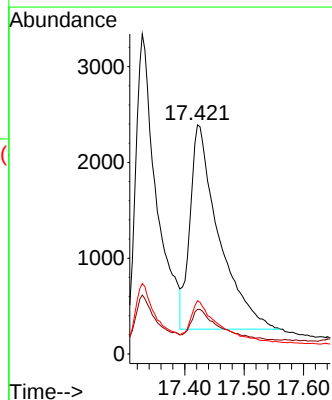
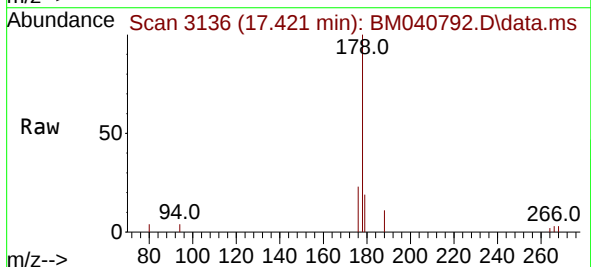
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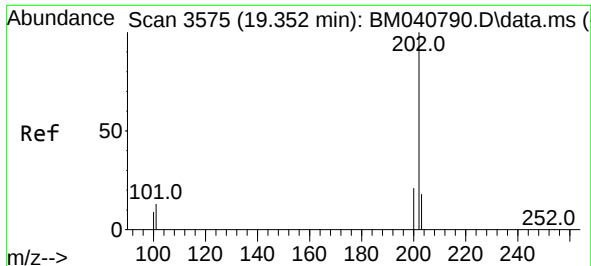
Tgt Ion:	178	Resp:	8292
Ion Ratio	Lower	Upper	
178	100		
179	18.4	12.8	19.2
176	22.0	16.4	24.6



#16
Anthracene
Concen: 0.312 ng/u1
RT: 17.421 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

Tgt Ion:	178	Resp:	7170
Ion Ratio	Lower	Upper	
178	100		
179	19.5	12.9	19.3#
176	23.3	15.8	23.6

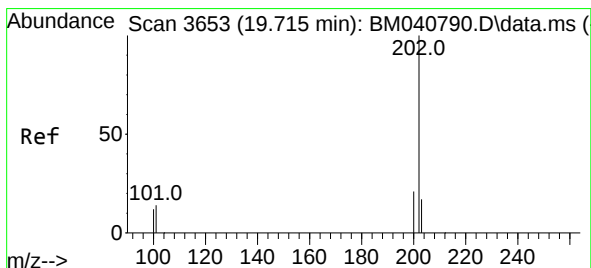
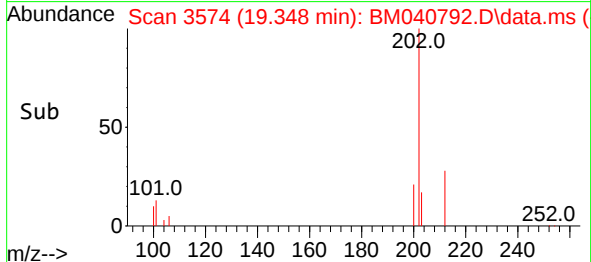
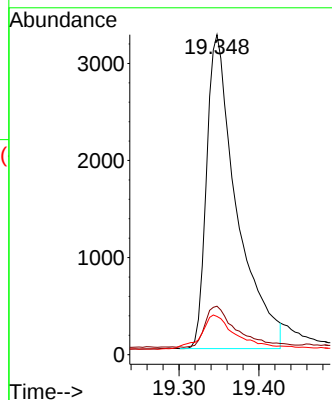
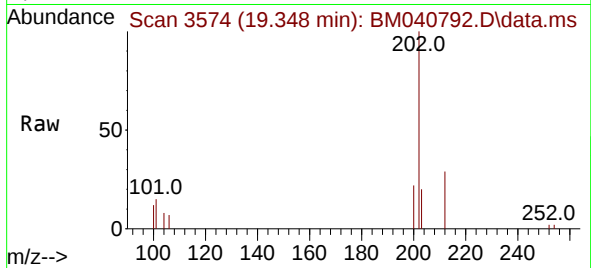




#19
Fluoranthene
Concen: 0.333 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. -0.005 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

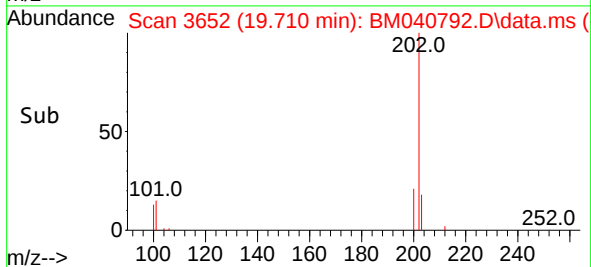
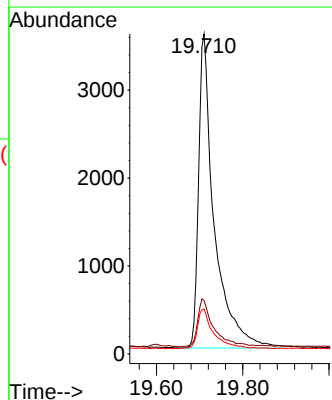
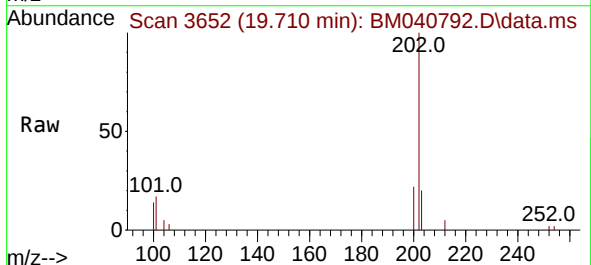
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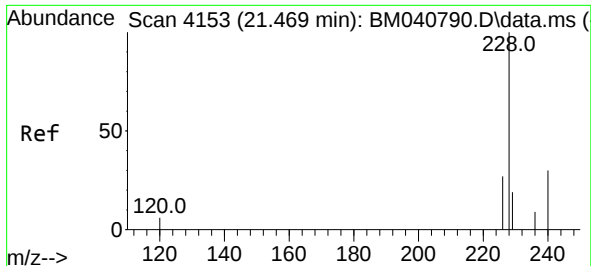
Tgt Ion:202 Resp: 8451
Ion Ratio Lower Upper
202 100
101 15.1 11.4 17.0
100 12.0 8.7 13.1



#20
Pyrene
Concen: 0.330 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.005 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

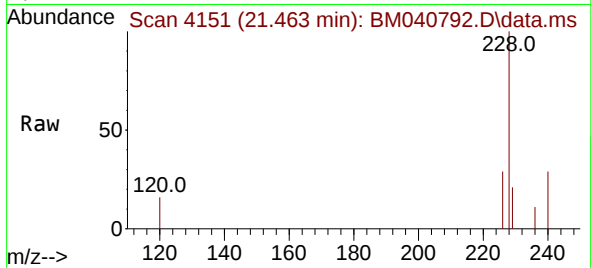
Tgt Ion:202 Resp: 8991
Ion Ratio Lower Upper
202 100
101 16.7 12.6 18.8
100 14.0 9.8 14.6



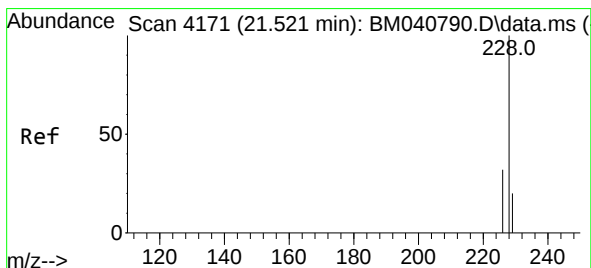
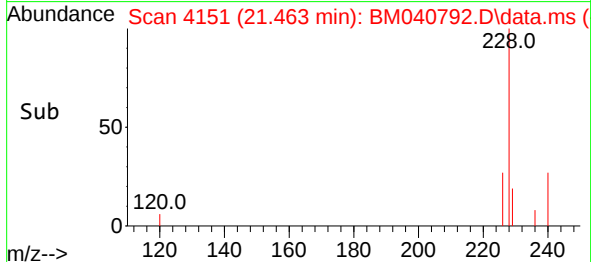
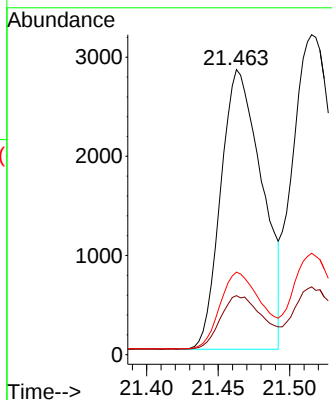


#21
Benzo(a)anthracene
Concen: 0.281 ng/ul
RT: 21.463 min Scan# 4151
Delta R.T. -0.006 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

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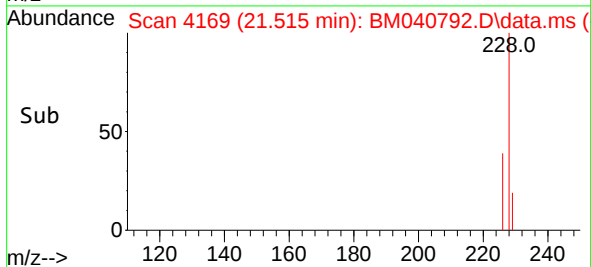
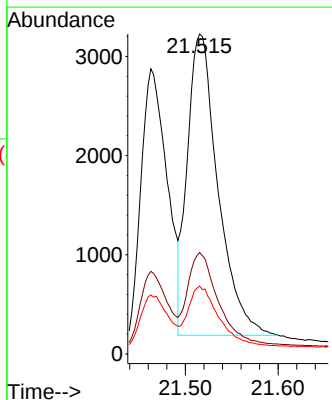
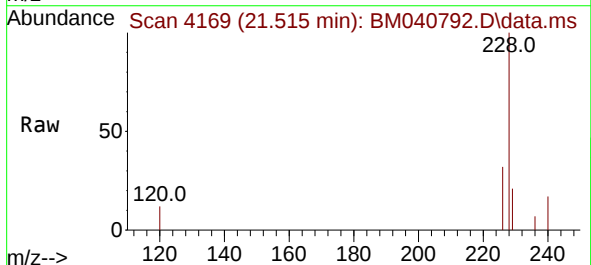


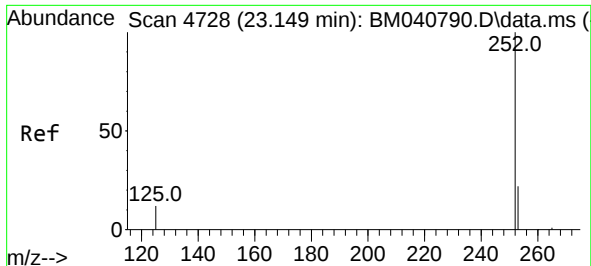
Tgt Ion:228 Resp: 5675
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.9 22.3 33.5



#22
Chrysene
Concen: 0.303 ng/ul
RT: 21.515 min Scan# 4169
Delta R.T. -0.006 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

Tgt Ion:228 Resp: 6983
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 21.2 15.8 23.6

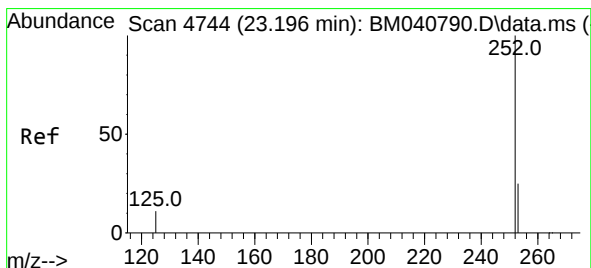
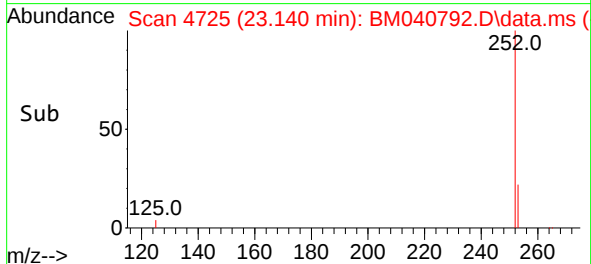
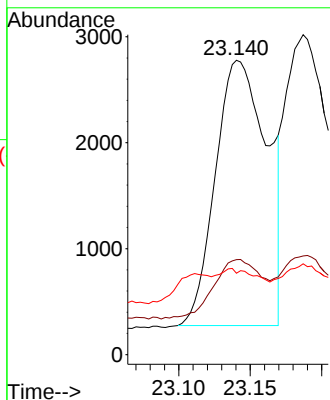
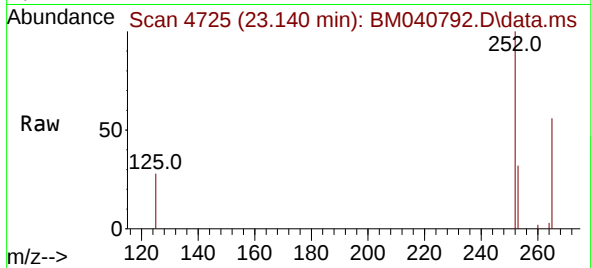




#24
Benzo(b)fluoranthene
Concen: 0.343 ng/ul
RT: 23.140 min Scan# 4725
Delta R.T. -0.009 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

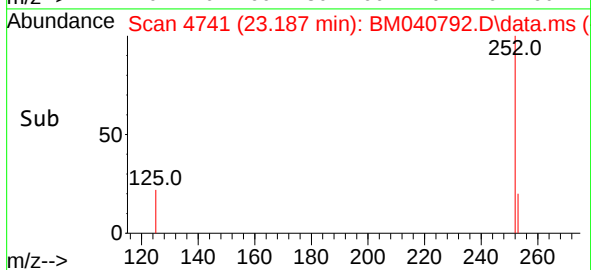
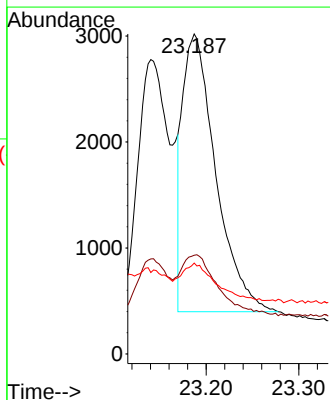
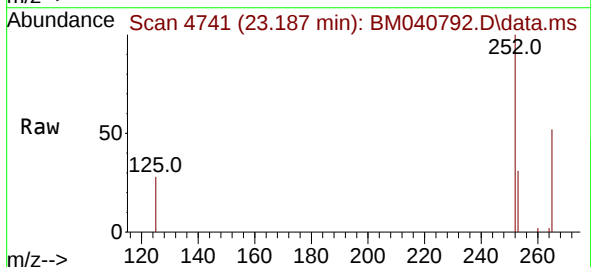
Instrument :
BNA_M
ClientSampleId :
YBW82MS

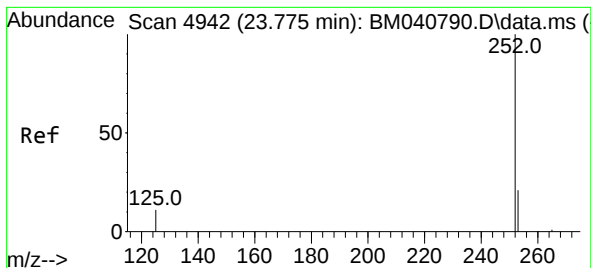
Tgt Ion:252 Resp: 6294
Ion Ratio Lower Upper
252 100
253 32.3 0.0 52.8
125 27.6 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

Tgt Ion:252 Resp: 6509
Ion Ratio Lower Upper
252 100
253 30.8 21.2 31.8
125 28.4 16.4 24.6#





#26

Benzo(a)pyrene

Concen: 0.311 ng/ul

RT: 23.766 min Scan# 4942

Delta R.T. -0.009 min

Lab File: BM040792.D

Acq: 10 Jul 2023 10:03

Instrument :

BNA_M

ClientSampleId :

YBW82MS

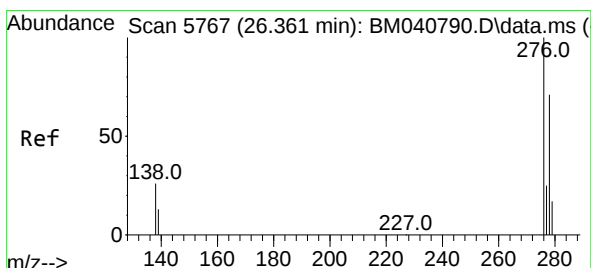
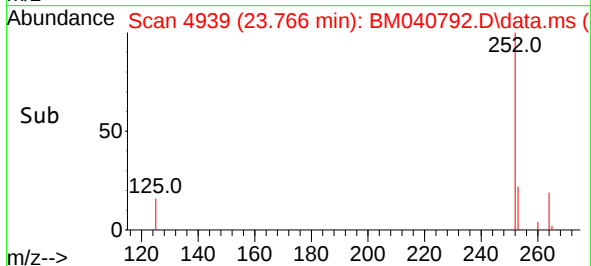
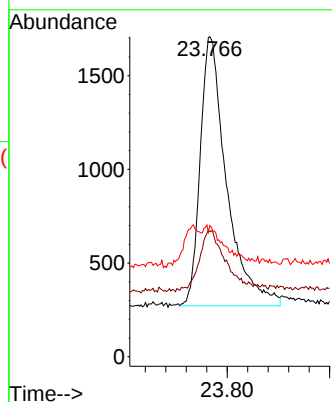
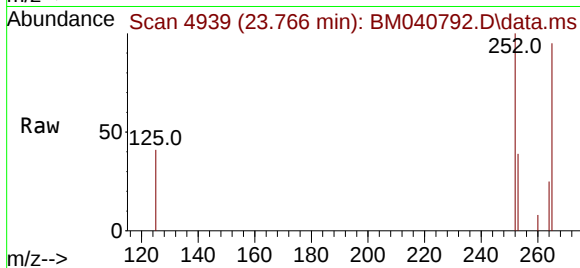
Tgt Ion:252 Resp: 5139

Ion Ratio Lower Upper

252 100

253 39.1 22.9 34.3#

125 41.0 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.302 ng/ul

RT: 26.350 min Scan# 5764

Delta R.T. -0.010 min

Lab File: BM040792.D

Acq: 10 Jul 2023 10:03

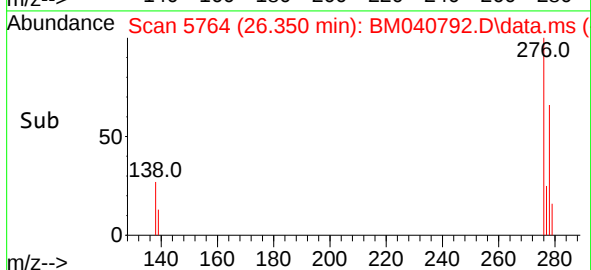
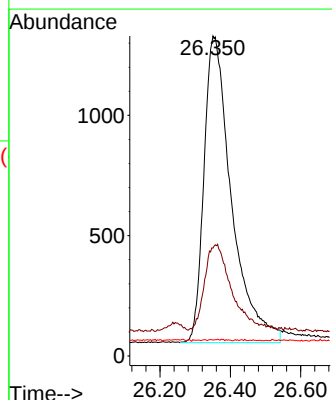
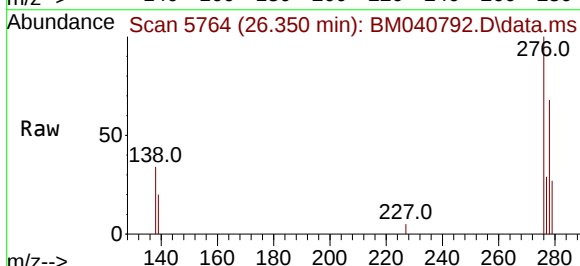
Tgt Ion:276 Resp: 6934

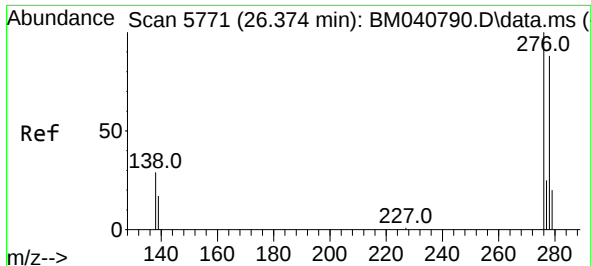
Ion Ratio Lower Upper

276 100

138 0.0 24.5 36.7#

227 0.1 0.1 0.1#

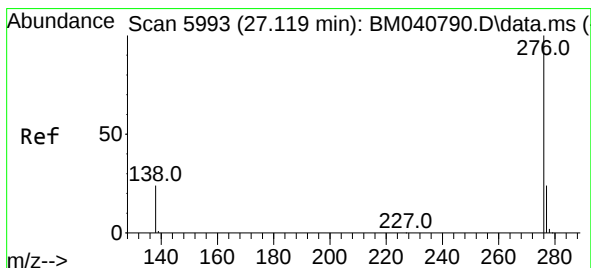
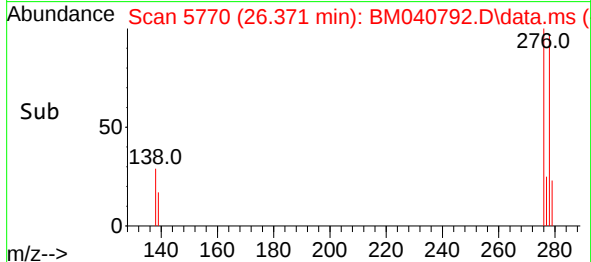
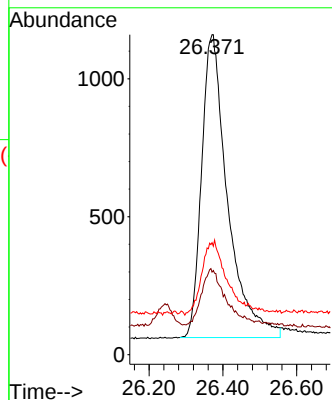
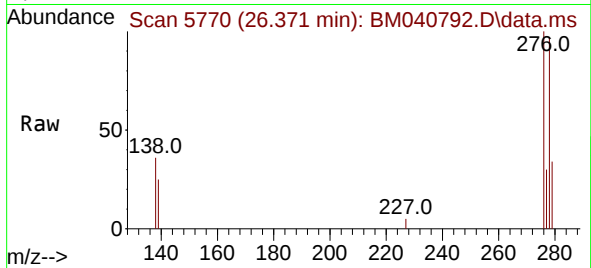




#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.371 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

Instrument :
BNA_M
ClientSampleId :
YBW82MS

Tgt Ion:278 Resp: 5364
Ion Ratio Lower Upper
278 100
139 25.8 17.9 26.9
279 35.0 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.306 ng/ul
RT: 27.112 min Scan# 5991
Delta R.T. -0.007 min
Lab File: BM040792.D
Acq: 10 Jul 2023 10:03

Tgt Ion:276 Resp: 6167
Ion Ratio Lower Upper
276 100
138 31.0 23.0 34.6
277 29.5 20.3 30.5

