

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040734.D
 Acq On : 08 Jul 2023 10:59
 Operator : MA/JU
 Sample : 03332-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YBTX2MS

Quant Time: Jul 08 22:57:27 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)

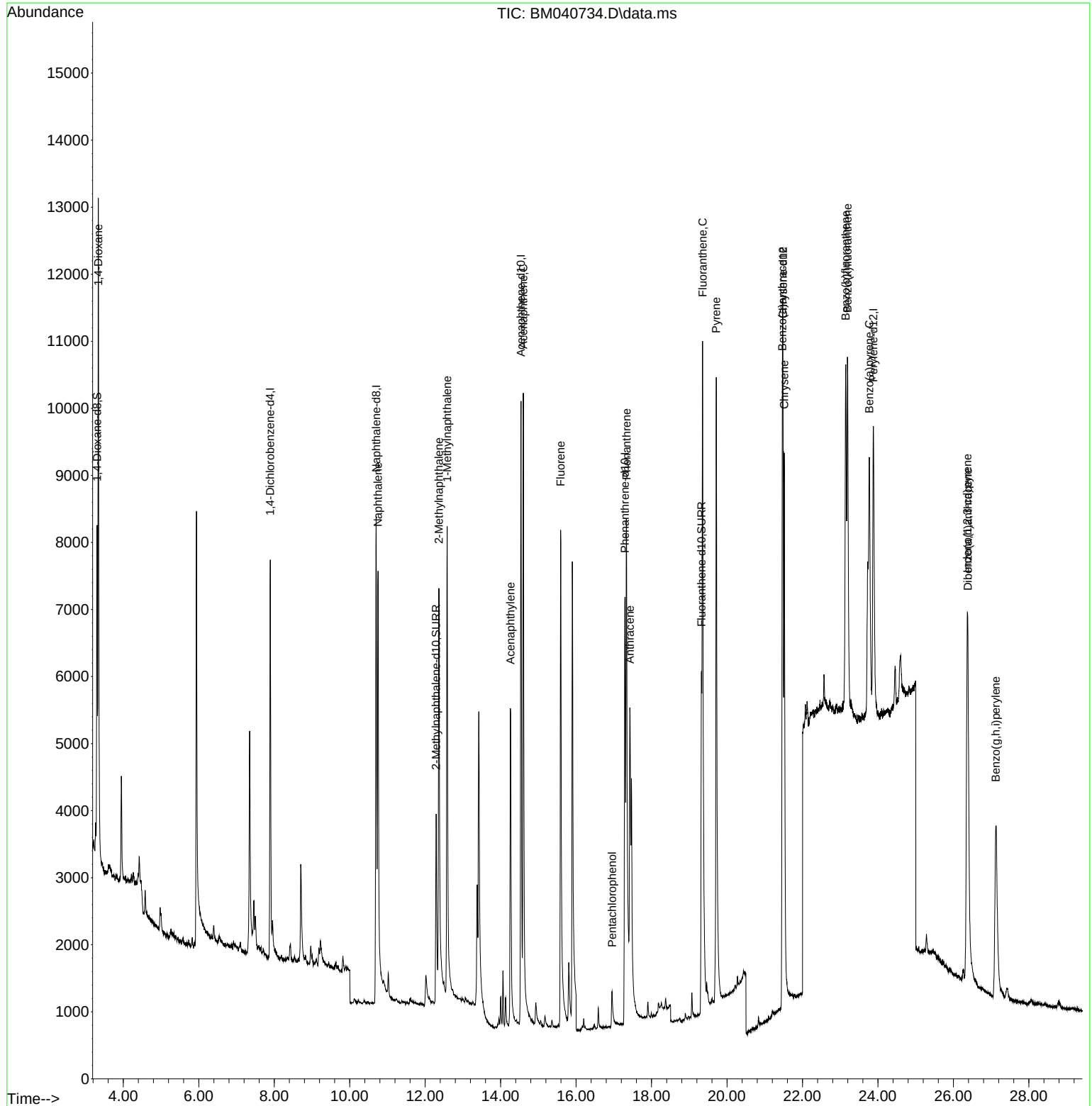
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	3471	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	13084	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.541	164	6113	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	11450	0.400	ng/ul	0.00
17) Chrysene-d12	21.483	240	8587	0.400	ng/ul	0.00
23) Perylene-d12	23.880	264	7859	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2715	0.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	5388	0.294	ng/ul	0.00
18) Fluoranthene-d10	19.324	212	8796	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.338	88	6691	1.206	ng/ul	92
5) Naphthalene	10.752	128	10537	0.292	ng/ul	98
7) 2-Methylnaphthalene	12.363	142	6239	0.294	ng/ul	97
8) 1-Methylnaphthalene	12.583	142	5882	0.278	ng/ul	98
10) Acenaphthylene	14.259	152	7617	0.279	ng/ul	95
11) Acenaphthene	14.601	153	6382	0.277	ng/ul	97
12) Fluorene	15.591	166	6994	0.284	ng/ul	98
14) Pentachlorophenol	16.953	266	678	0.308	ng/ul	93
15) Phenanthrene	17.337	178	10419	0.293	ng/ul	97
16) Anthracene	17.426	178	10447	0.350	ng/ul	95
19) Fluoranthene	19.352	202	10881	0.298	ng/ul	98
20) Pyrene	19.715	202	11667	0.298	ng/ul	97
21) Benzo(a)anthracene	21.466	228	8957	0.308	ng/ul	98
22) Chrysene	21.518	228	9382	0.283	ng/ul	97
24) Benzo(b)fluoranthene	23.146	252	8565	0.282	ng/ul#	54
25) Benzo(k)fluoranthene	23.193	252	9017	0.301	ng/ul#	55
26) Benzo(a)pyrene	23.772	252	7510	0.274	ng/ul#	41
27) Indeno(1,2,3-cd)pyrene	26.367	276	9512	0.249	ng/ul	96
28) Dibenzo(a,h)anthracene	26.384	278	7408	0.248	ng/ul#	76
29) Benzo(g,h,i)perylene	27.125	276	8306	0.248	ng/ul#	89

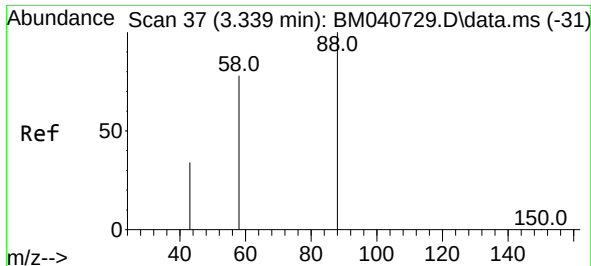
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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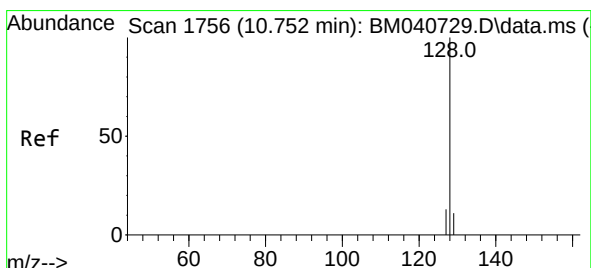
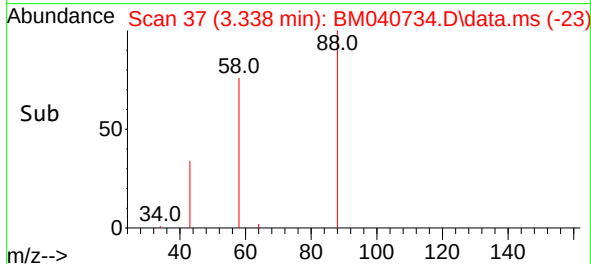
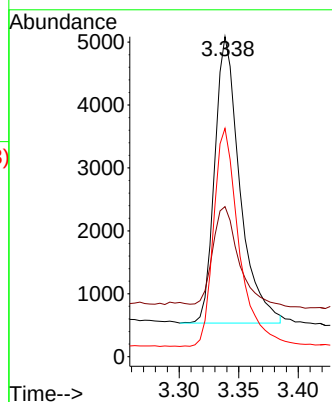
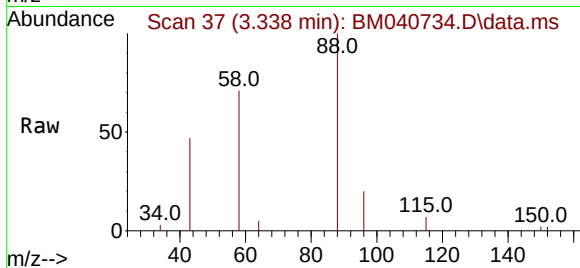




#2
1,4-Dioxane
Concen: 1.206 ng/ul
RT: 3.338 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

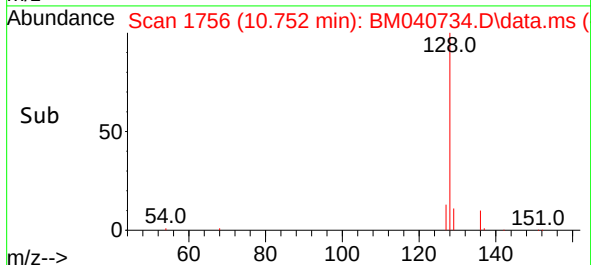
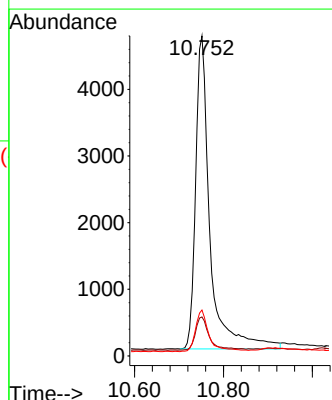
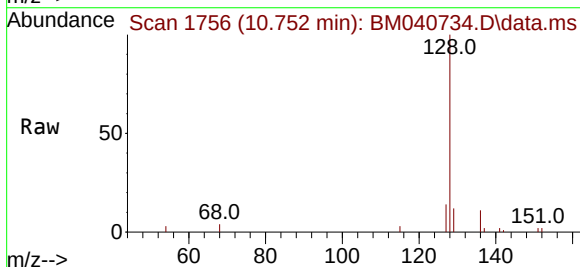
Instrument :
BNA_M
ClientSampleId :
YBTX2MS

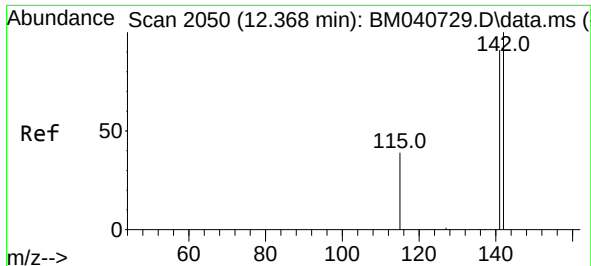
Tgt Ion: 88 Resp: 6691
Ion Ratio Lower Upper
88 100
43 46.9 36.1 54.1
58 71.3 49.8 74.8



#5
Naphthalene
Concen: 0.292 ng/ul
RT: 10.752 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

Tgt Ion: 128 Resp: 10537
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 14.3 10.6 15.8

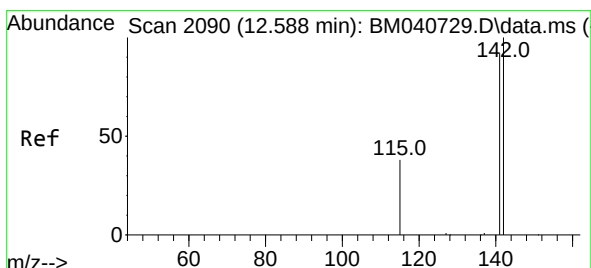
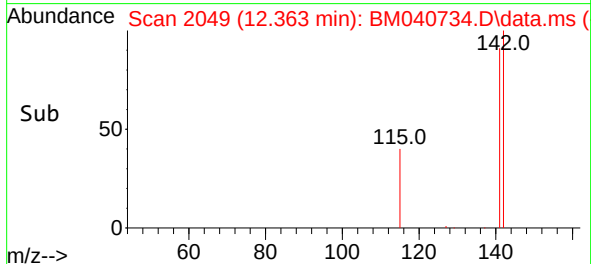
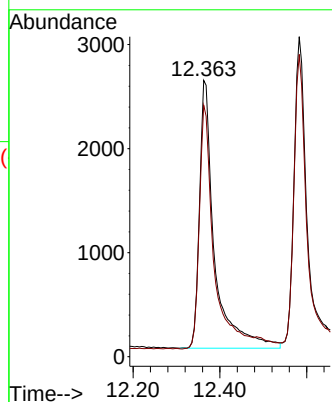
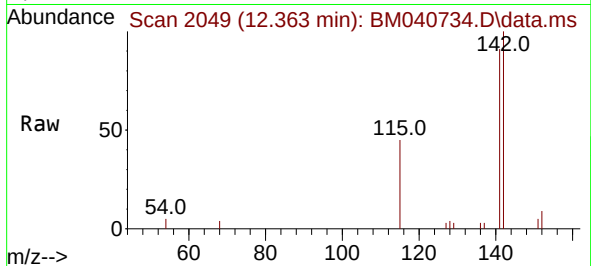




#7
2-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.363 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

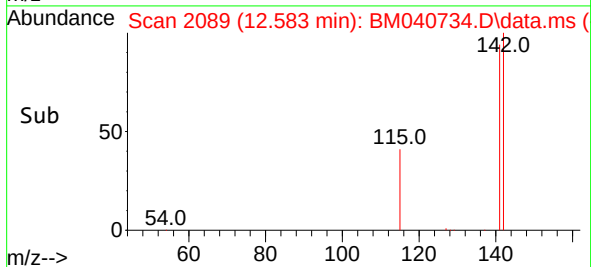
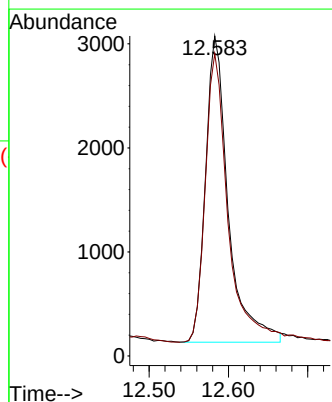
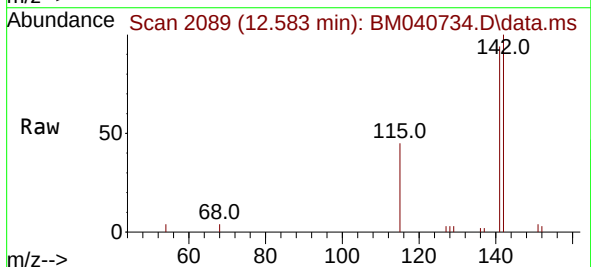
Instrument :
BNA_M
ClientSampleId :
YBTX2MS

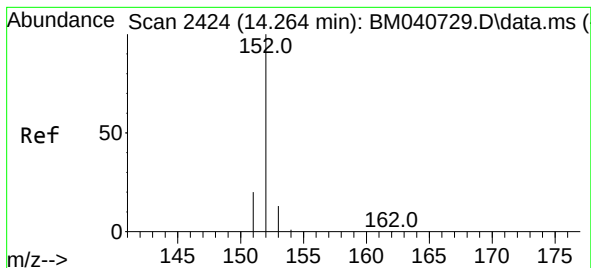
Tgt Ion:142 Resp: 6239
Ion Ratio Lower Upper
142 100
141 92.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.583 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

Tgt Ion:142 Resp: 5882
Ion Ratio Lower Upper
142 100
141 93.8 73.7 110.5





#10

Acenaphthylene

Concen: 0.279 ng/ul

RT: 14.259 min Scan# 2423

Delta R.T. -0.005 min

Lab File: BM040734.D

Acq: 08 Jul 2023 10:59

Instrument :

BNA_M

ClientSampleId :

YBTX2MS

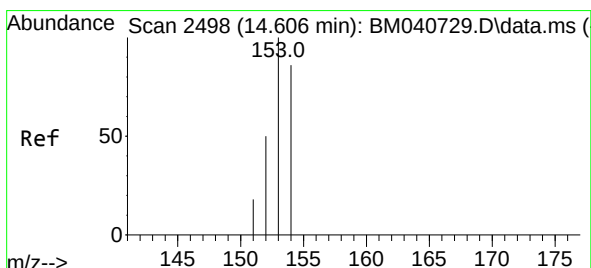
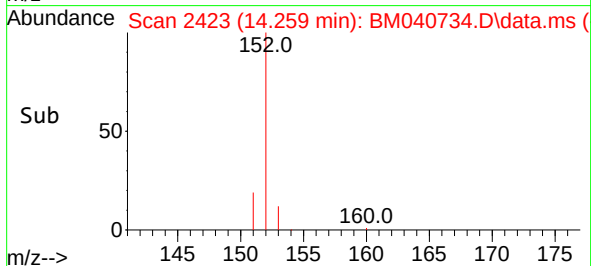
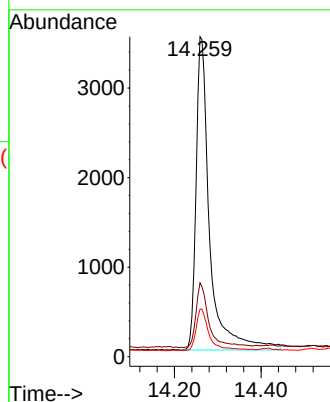
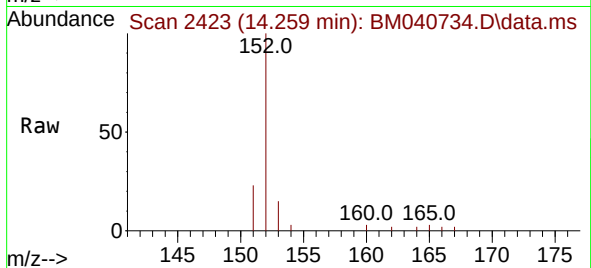
Tgt Ion:152 Resp: 7617

Ion Ratio Lower Upper

152 100

151 23.1 16.2 24.2

153 14.9 10.9 16.3



#11

Acenaphthene

Concen: 0.277 ng/ul

RT: 14.601 min Scan# 2497

Delta R.T. -0.005 min

Lab File: BM040734.D

Acq: 08 Jul 2023 10:59

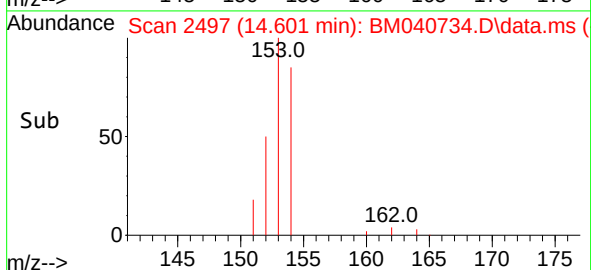
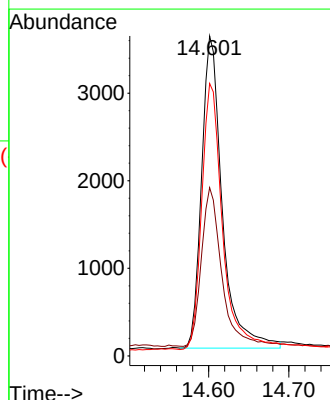
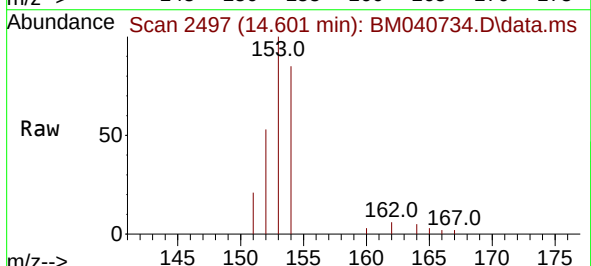
Tgt Ion:153 Resp: 6382

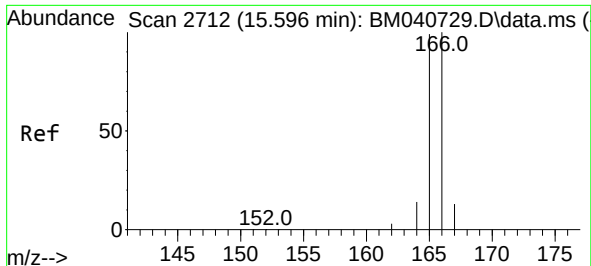
Ion Ratio Lower Upper

153 100

152 52.6 41.0 61.4

154 85.1 70.8 106.2

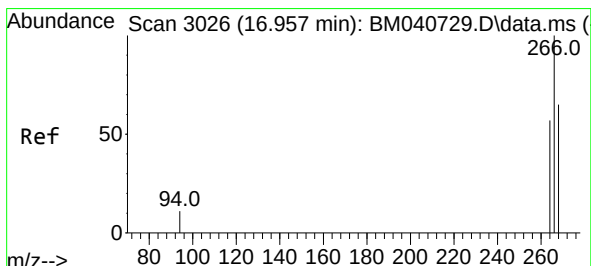
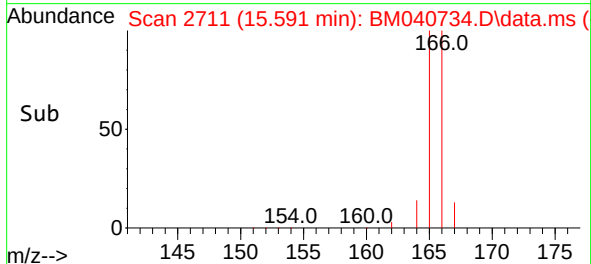
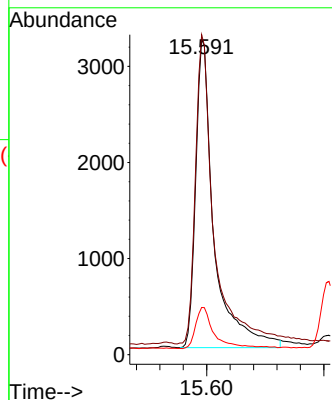
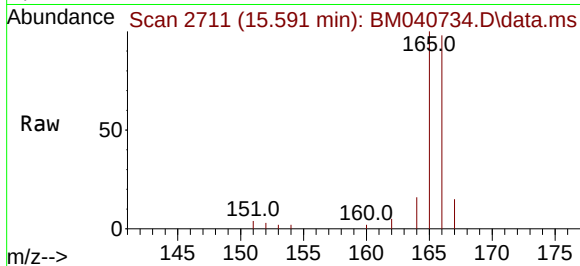




#12
Fluorene
Concen: 0.284 ng/ul
RT: 15.591 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

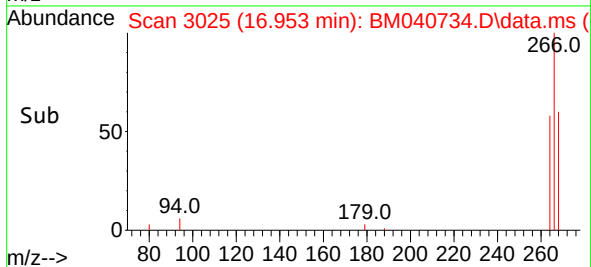
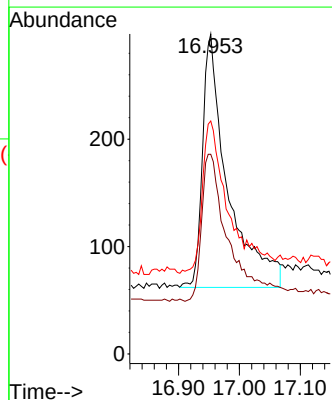
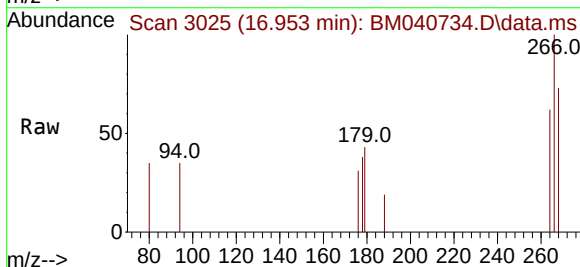
Instrument :
BNA_M
ClientSampleId :
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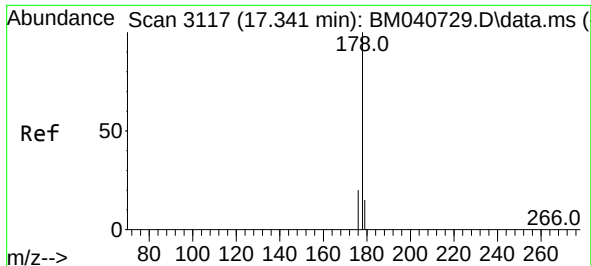
Tgt Ion:166 Resp: 6994
Ion Ratio Lower Upper
166 100
165 101.6 79.6 119.4
167 15.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.308 ng/ul
RT: 16.953 min Scan# 3025
Delta R.T. -0.004 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

Tgt Ion:266 Resp: 678
Ion Ratio Lower Upper
266 100
264 62.8 45.4 68.0
268 63.4 47.2 70.8

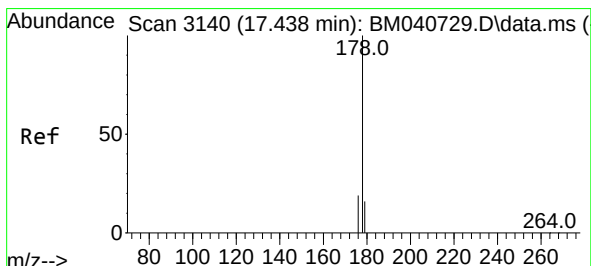
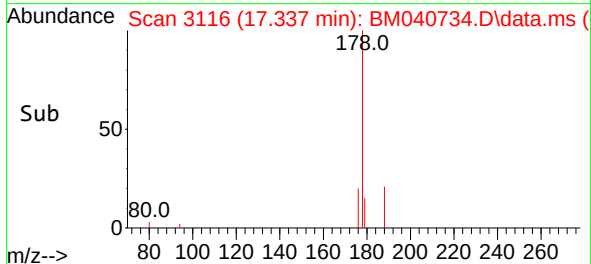
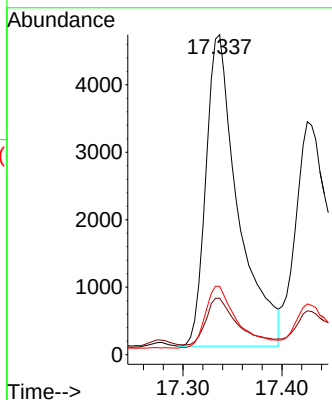
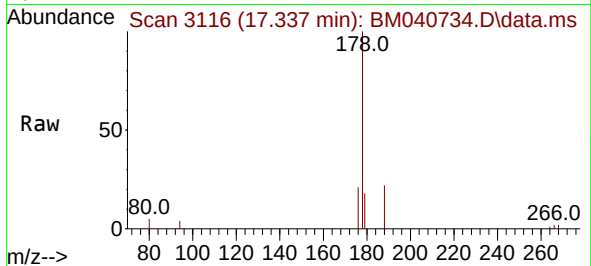




#15
Phenanthrene
Concen: 0.293 ng/ul
RT: 17.337 min Scan# 3116
Delta R.T. -0.004 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

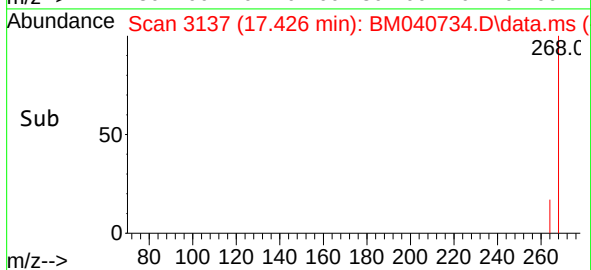
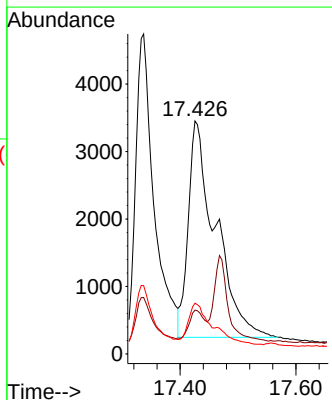
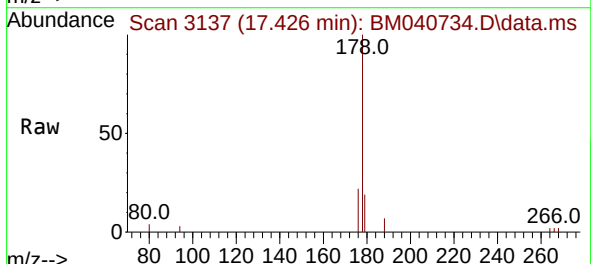
Instrument :
BNA_M
ClientSampleId :
YBTX2MS

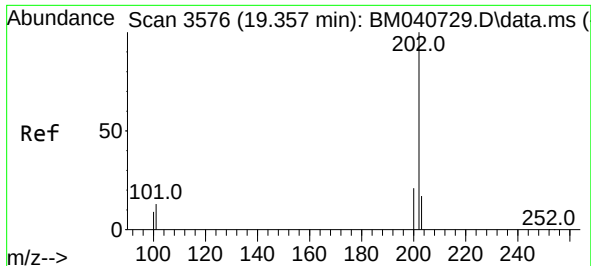
Tgt Ion:	178	Resp:	10419
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.8	19.2
176	21.4	16.4	24.6



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.013 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

Tgt Ion:	178	Resp:	10447
Ion Ratio	Lower	Upper	
178	100		
179	18.8	12.9	19.3
176	21.7	15.8	23.6

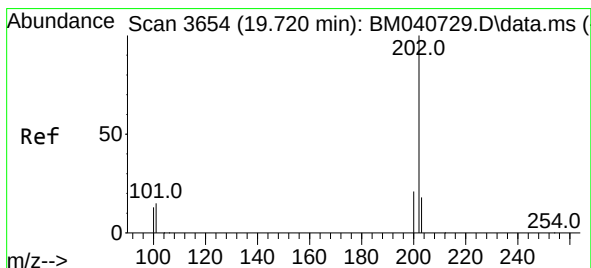
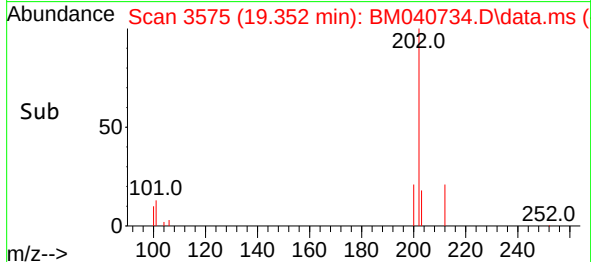
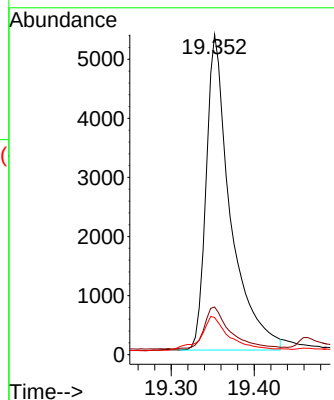
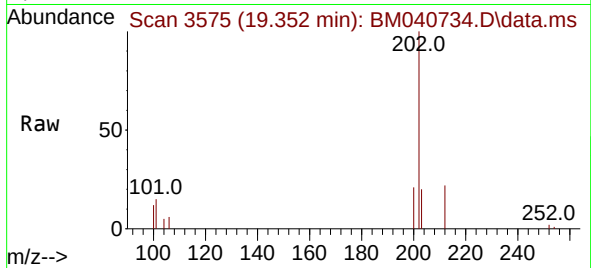




#19
Fluoranthene
Concen: 0.298 ng/ul
RT: 19.352 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

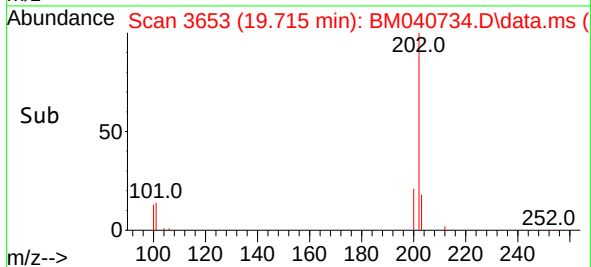
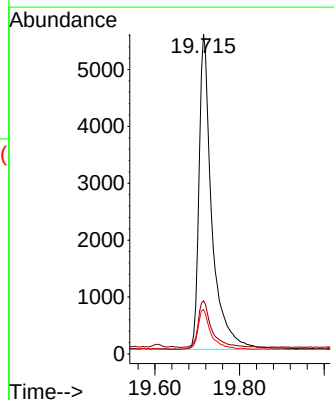
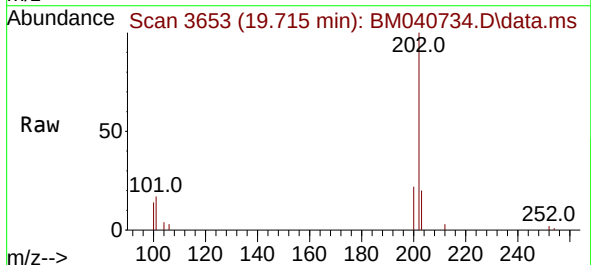
Instrument :
BNA_M
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YBTX2MS

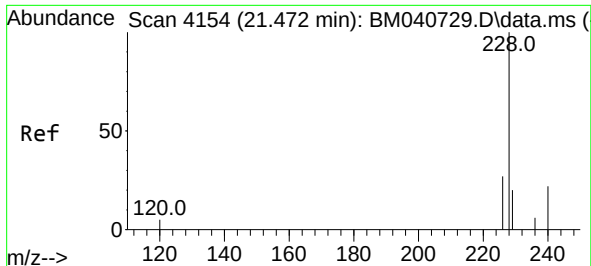
Tgt Ion:	202	Resp:	10881
Ion Ratio	Lower	Upper	
202	100		
101	14.9	11.4	17.0
100	11.6	8.7	13.1



#20
Pyrene
Concen: 0.298 ng/ul
RT: 19.715 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

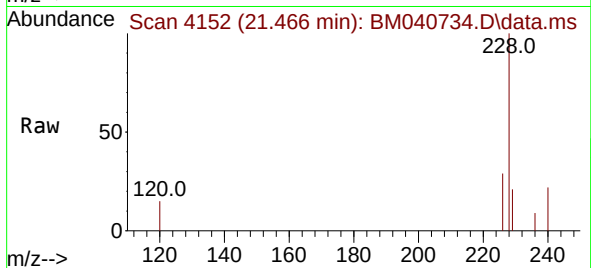
Tgt Ion:	202	Resp:	11667
Ion Ratio	Lower	Upper	
202	100		
101	16.6	12.6	18.8
100	13.8	9.8	14.6



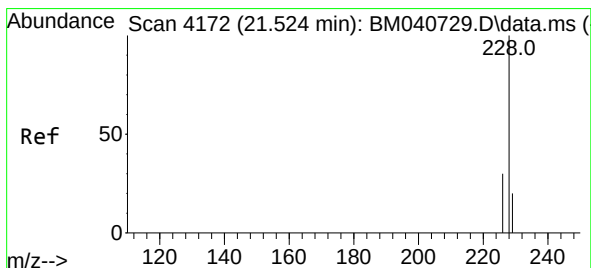
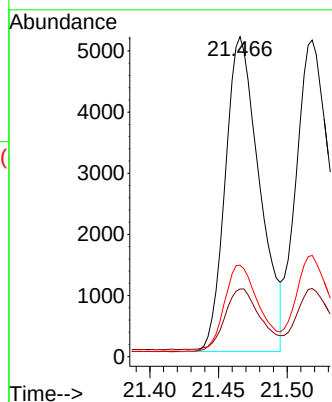
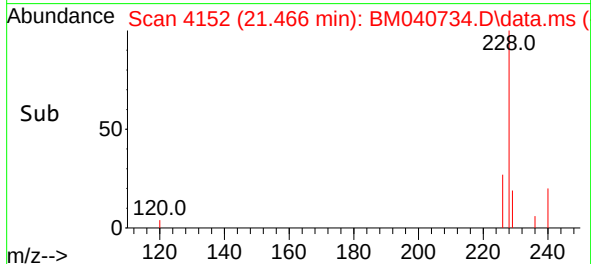


#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.466 min Scan# 4152
Delta R.T. -0.006 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

Instrument :
BNA_M
ClientSampleId :
YBTX2MS

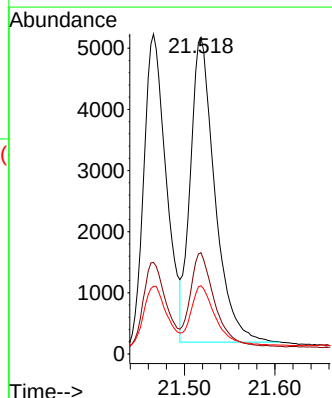
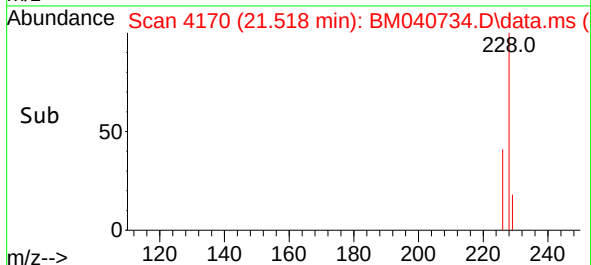
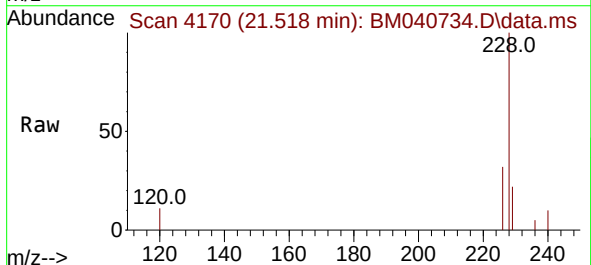


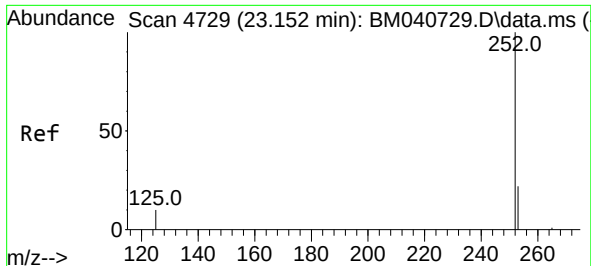
Tgt Ion:228 Resp: 8957
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.6 22.3 33.5



#22
Chrysene
Concen: 0.283 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.006 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

Tgt Ion:228 Resp: 9382
Ion Ratio Lower Upper
228 100
226 32.0 24.9 37.3
229 21.5 15.8 23.6

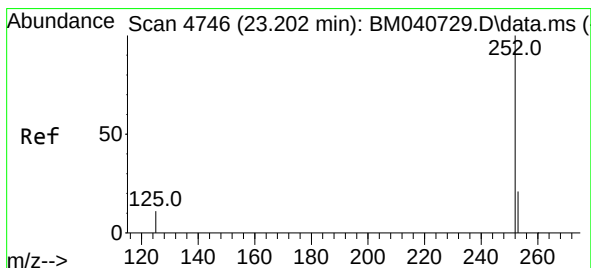
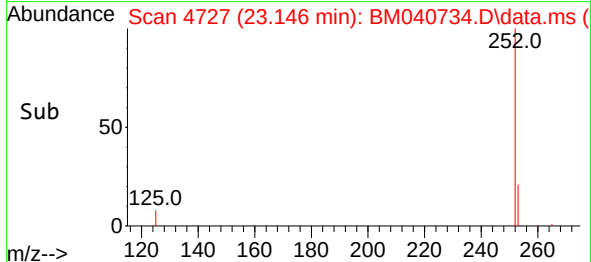
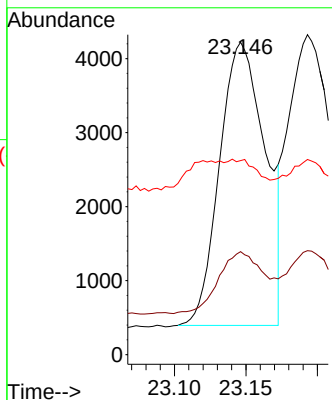
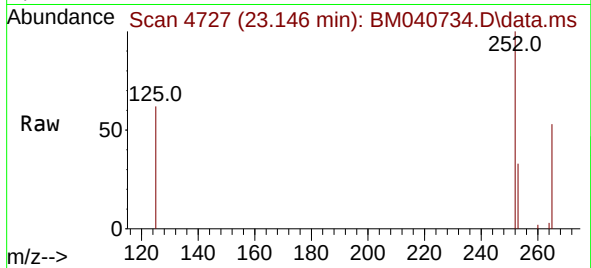




#24
Benzo(b)fluoranthene
Concen: 0.282 ng/ul
RT: 23.146 min Scan# 4727
Delta R.T. -0.006 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

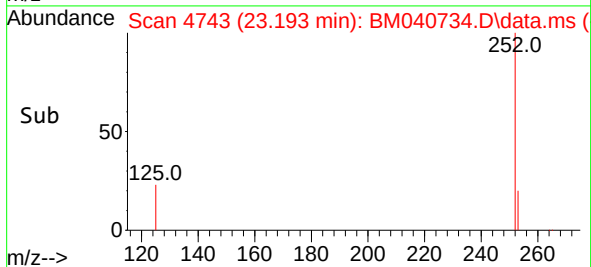
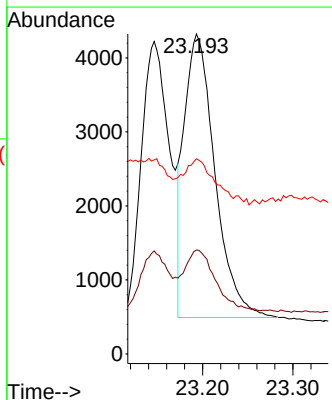
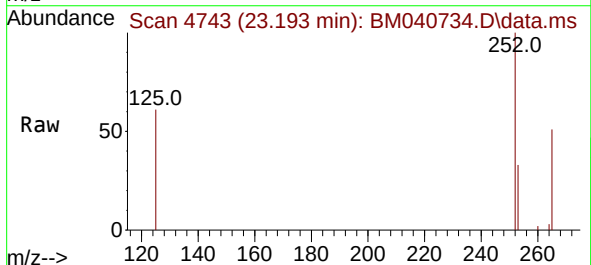
Instrument :
BNA_M
ClientSampleId :
YBTX2MS

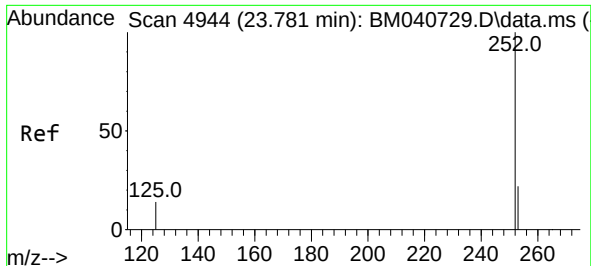
Tgt Ion:252 Resp: 8565
Ion Ratio Lower Upper
252 100
253 33.0 0.0 52.8
125 62.1 0.0 43.0#



#25
Benzo(k)fluoranthene
Concen: 0.301 ng/ul
RT: 23.193 min Scan# 4743
Delta R.T. -0.009 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

Tgt Ion:252 Resp: 9017
Ion Ratio Lower Upper
252 100
253 32.5 21.2 31.8#
125 61.0 16.4 24.6#

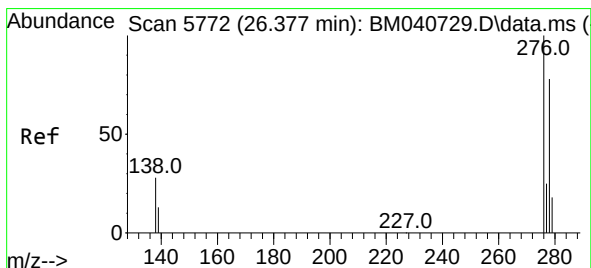
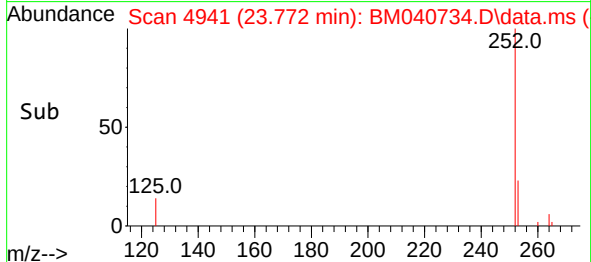
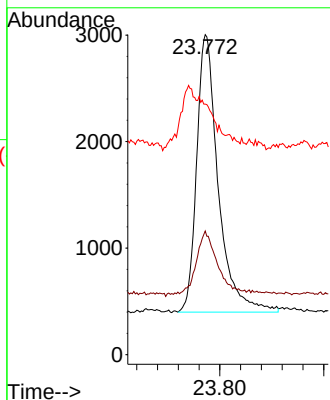
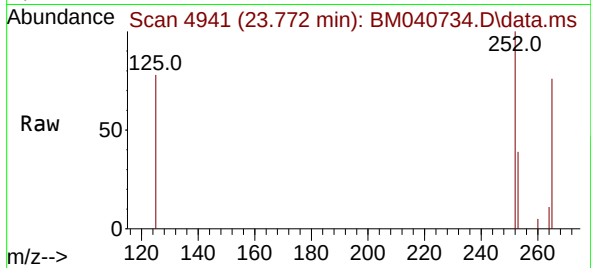




#26
Benzo(a)pyrene
Concen: 0.274 ng/ul
RT: 23.772 min Scan# 4944
Delta R.T. -0.009 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

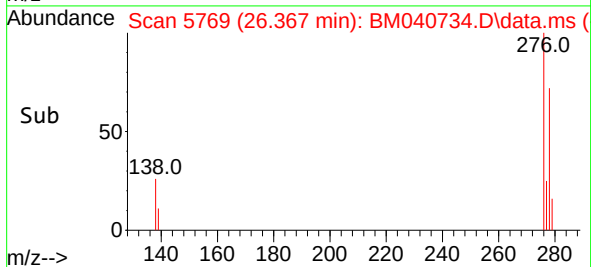
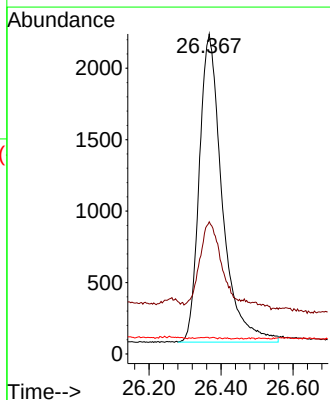
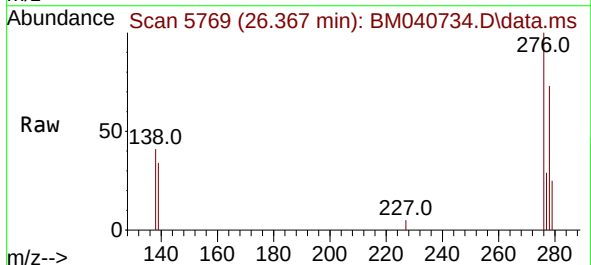
Instrument :
BNA_M
ClientSampleId :
YBTX2MS

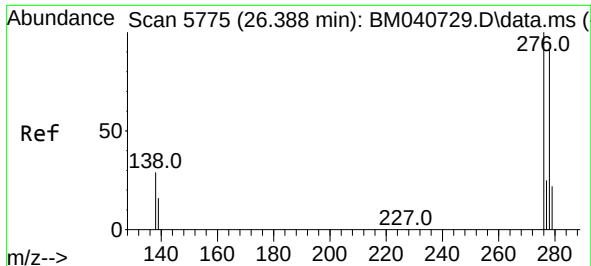
Tgt Ion:252 Resp: 7510
Ion Ratio Lower Upper
252 100
253 38.6 22.9 34.3#
125 78.3 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.249 ng/ul
RT: 26.367 min Scan# 5769
Delta R.T. -0.010 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

Tgt Ion:276 Resp: 9512
Ion Ratio Lower Upper
276 100
138 28.6 24.5 36.7
227 0.1 0.1 0.1

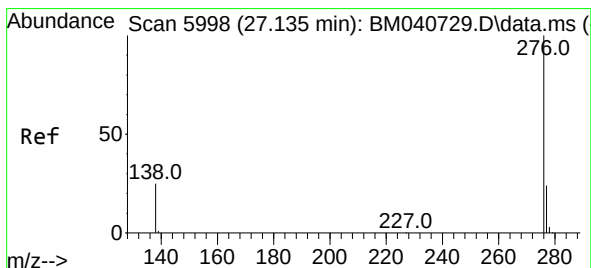
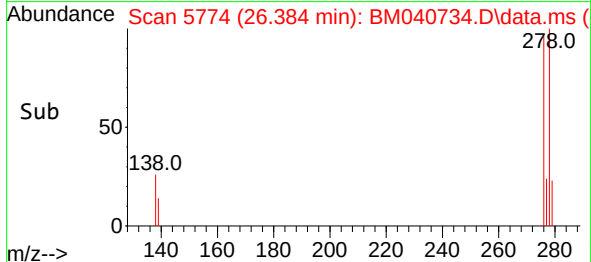
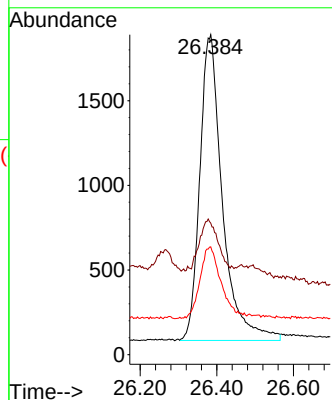
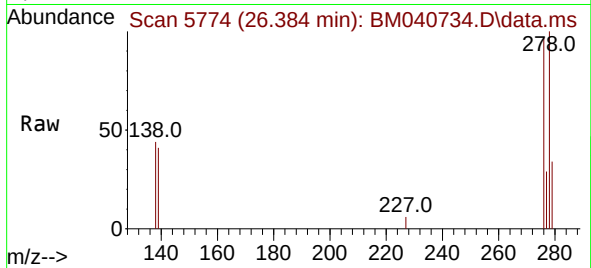




#28
Dibenzo(a,h)anthracene
Concen: 0.248 ng/ul
RT: 26.384 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

Instrument :
BNA_M
ClientSampleId :
YBTX2MS

Tgt Ion:278 Resp: 7408
Ion Ratio Lower Upper
278 100
139 41.1 17.9 26.9#
279 33.7 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.248 ng/ul
RT: 27.125 min Scan# 5995
Delta R.T. -0.010 min
Lab File: BM040734.D
Acq: 08 Jul 2023 10:59

Tgt Ion:276 Resp: 8306
Ion Ratio Lower Upper
276 100
138 37.2 23.0 34.6#
277 28.6 20.3 30.5

