

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040735.D
 Acq On : 08 Jul 2023 11:37
 Operator : MA/JU
 Sample : 03332-07MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YBTX2MSD

Quant Time: Jul 08 22:57:41 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

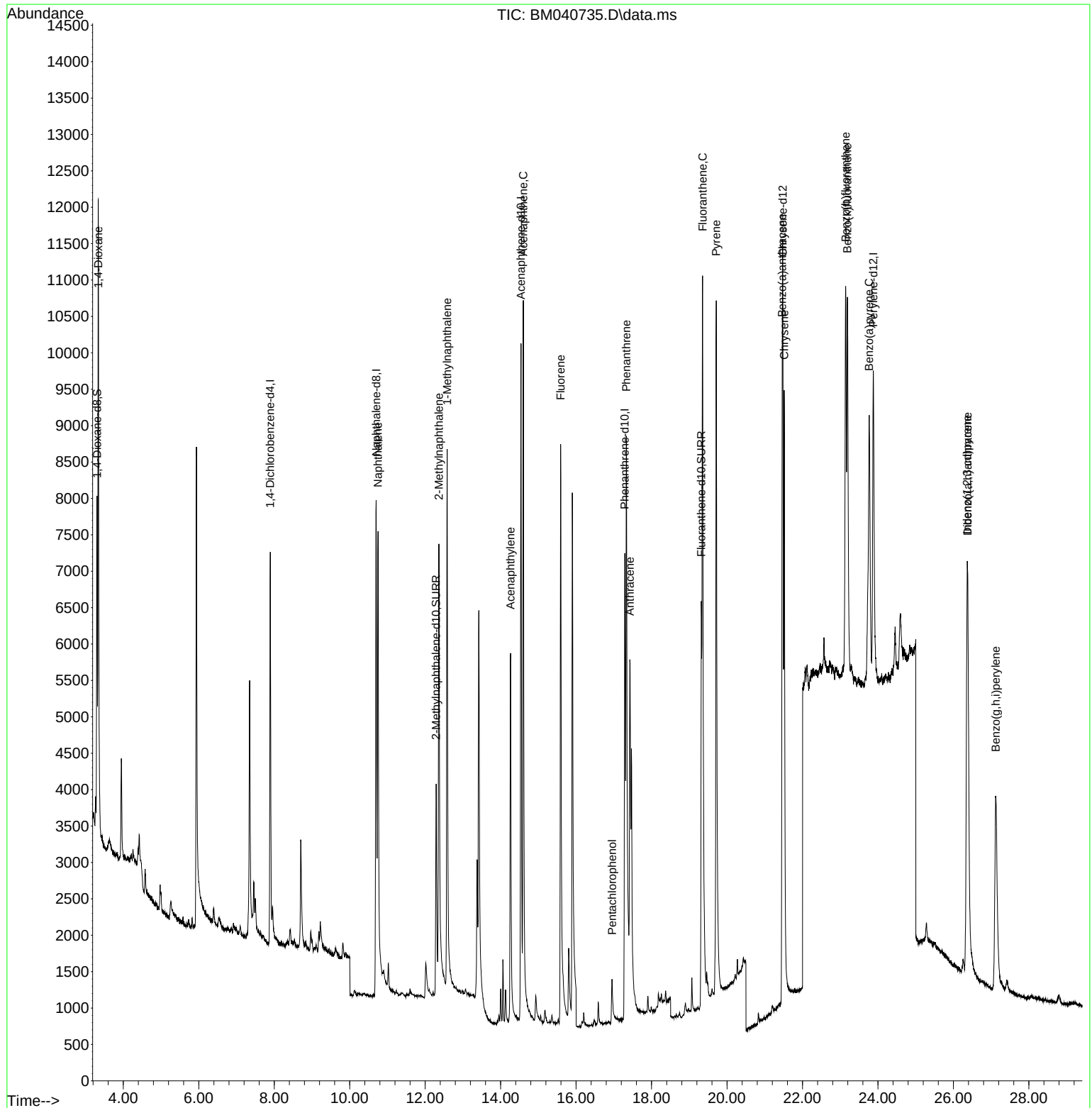
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	3145	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	12376	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.541	164	5956	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	11241	0.400	ng/ul	0.00
17) Chrysene-d12	21.480	240	8200	0.400	ng/ul	0.00
23) Perylene-d12	23.877	264	7650	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2427	0.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	5399	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	8978	0.342	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.338	88	5879	1.169	ng/ul	90
5) Naphthalene	10.752	128	10426	0.305	ng/ul	98
7) 2-Methylnaphthalene	12.363	142	6250	0.312	ng/ul	98
8) 1-Methylnaphthalene	12.583	142	5939	0.296	ng/ul	100
10) Acenaphthylene	14.263	152	7829	0.294	ng/ul	96
11) Acenaphthene	14.601	153	6521	0.290	ng/ul	98
12) Fluorene	15.591	166	7177	0.299	ng/ul	99
14) Pentachlorophenol	16.953	266	699	0.323	ng/ul	89
15) Phenanthrene	17.333	178	10707	0.307	ng/ul	98
16) Anthracene	17.426	178	10591	0.361	ng/ul	95
19) Fluoranthene	19.352	202	11018	0.316	ng/ul	98
20) Pyrene	19.715	202	11819	0.316	ng/ul	97
21) Benzo(a)anthracene	21.463	228	9212	0.332	ng/ul	98
22) Chrysene	21.518	228	9400	0.297	ng/ul	98
24) Benzo(b)fluoranthene	23.143	252	8582	0.290	ng/ul#	55
25) Benzo(k)fluoranthene	23.190	252	9098	0.312	ng/ul#	53
26) Benzo(a)pyrene	23.769	252	7673	0.288	ng/ul#	40
27) Indeno(1,2,3-cd)pyrene	26.364	276	9795	0.264	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.381	278	7687	0.264	ng/ul#	74
29) Benzo(g,h,i)perylene	27.125	276	8429	0.259	ng/ul#	89

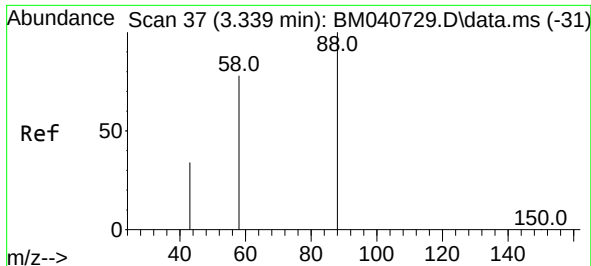
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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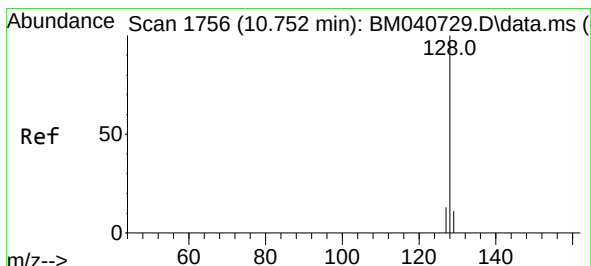
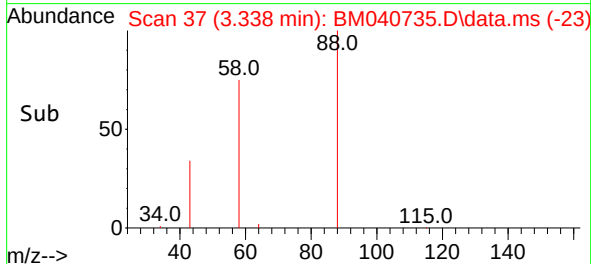
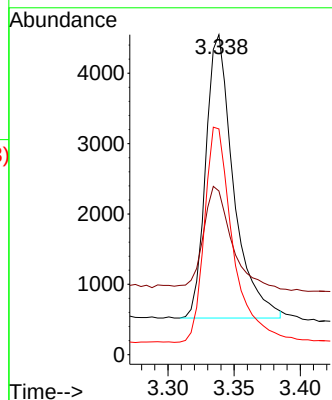
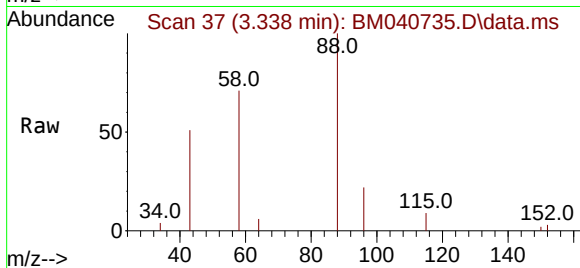




#2
 1,4-Dioxane
 Concen: 1.169 ng/ul
 RT: 3.338 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM040735.D
 Acq: 08 Jul 2023 11:37

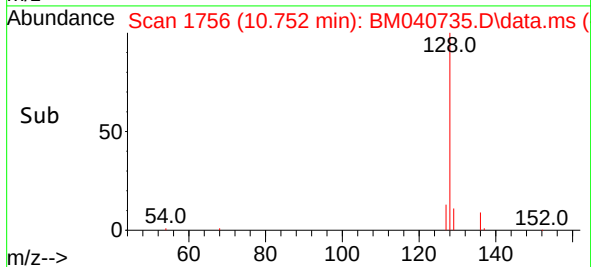
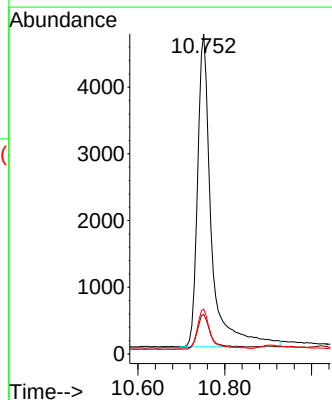
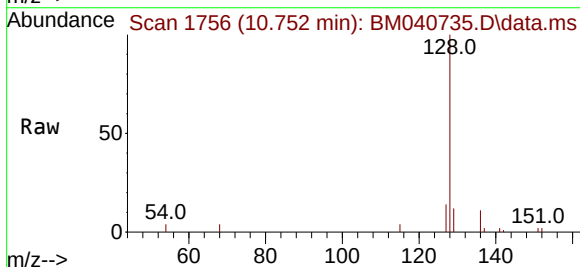
Instrument :
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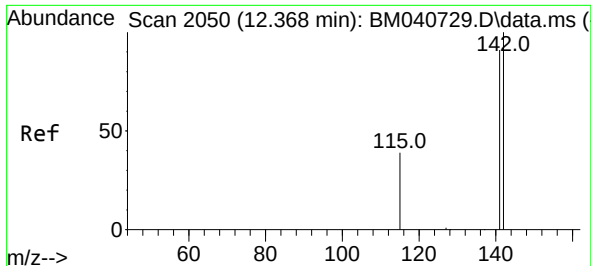
Tgt Ion: 88 Resp: 5879
 Ion Ratio Lower Upper
 88 100
 43 51.2 36.1 54.1
 58 70.6 49.8 74.8



#5
 Naphthalene
 Concen: 0.305 ng/ul
 RT: 10.752 min Scan# 1756
 Delta R.T. -0.000 min
 Lab File: BM040735.D
 Acq: 08 Jul 2023 11:37

Tgt Ion: 128 Resp: 10426
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.2 13.8
 127 14.0 10.6 15.8

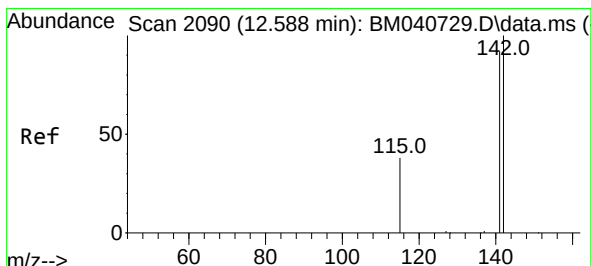
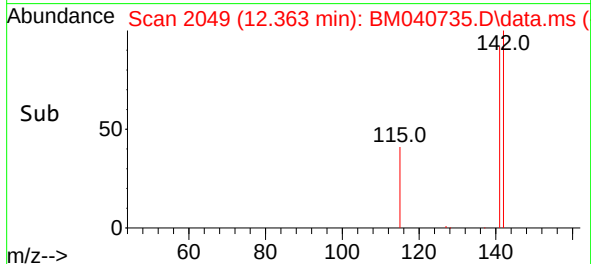
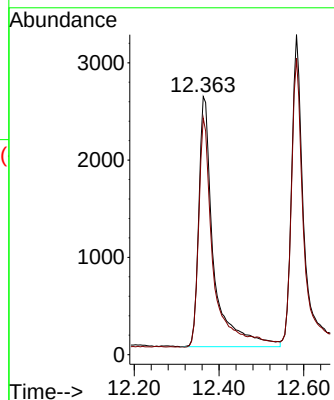
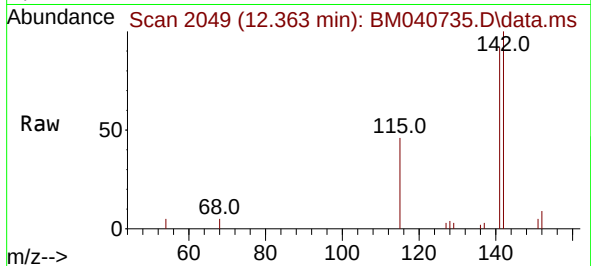




#7
2-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.363 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

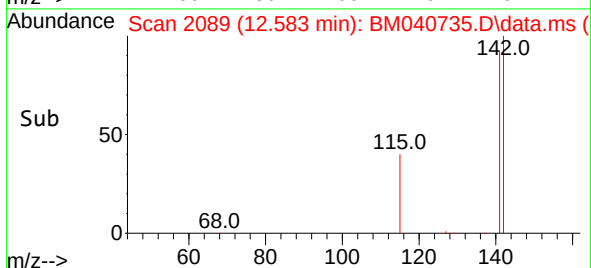
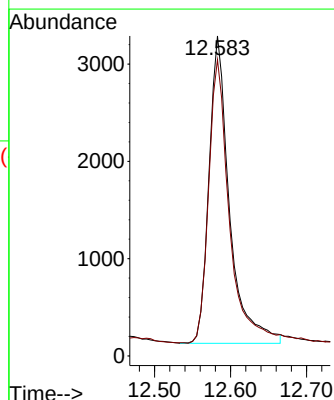
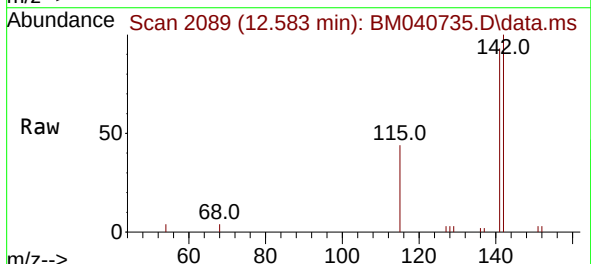
Instrument :
BNA_M
ClientSampleId :
YBTX2MSD

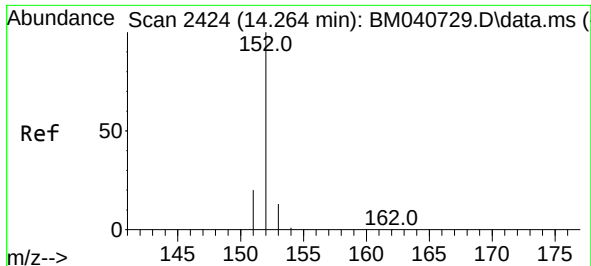
Tgt Ion:142 Resp: 6250
Ion Ratio Lower Upper
142 100
141 91.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.583 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

Tgt Ion:142 Resp: 5939
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5

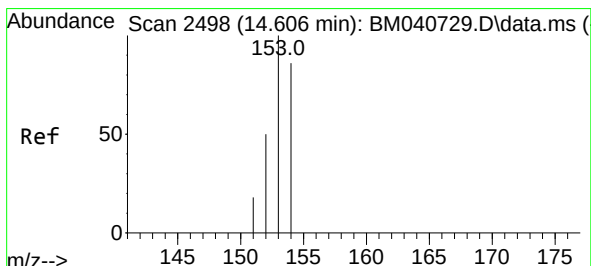
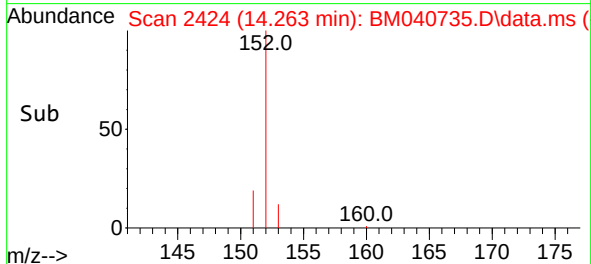
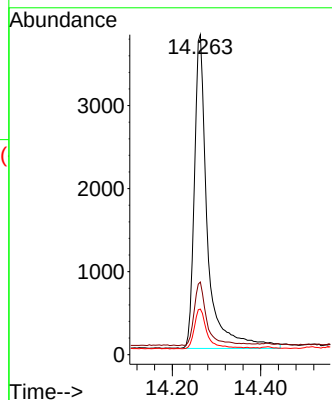
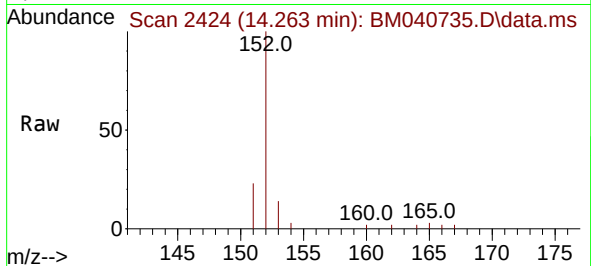




#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 14.263 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

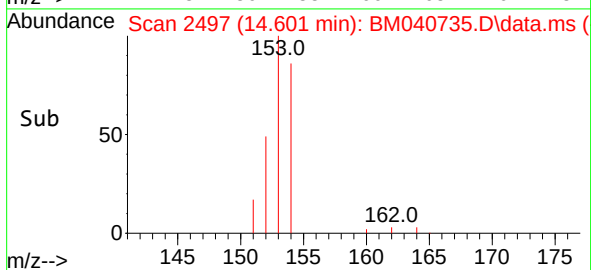
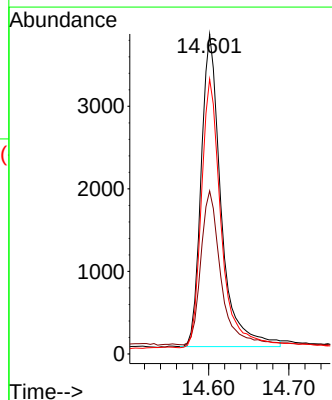
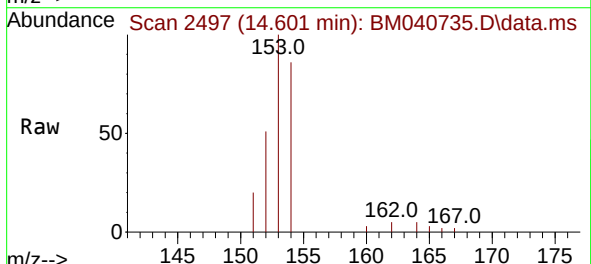
Instrument :
BNA_M
ClientSampleId :
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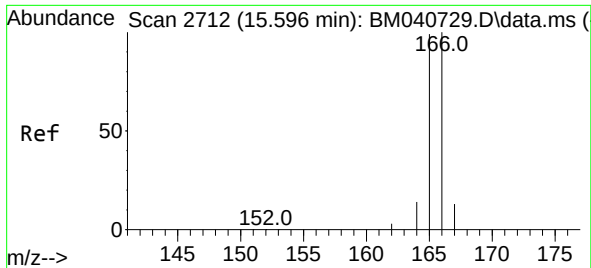
Tgt Ion:152 Resp: 7829
Ion Ratio Lower Upper
152 100
151 22.7 16.2 24.2
153 14.2 10.9 16.3



#11
Acenaphthene
Concen: 0.290 ng/ul
RT: 14.601 min Scan# 2497
Delta R.T. -0.005 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

Tgt Ion:153 Resp: 6521
Ion Ratio Lower Upper
153 100
152 51.0 41.0 61.4
154 85.9 70.8 106.2

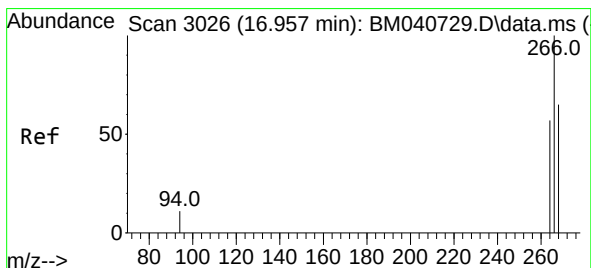
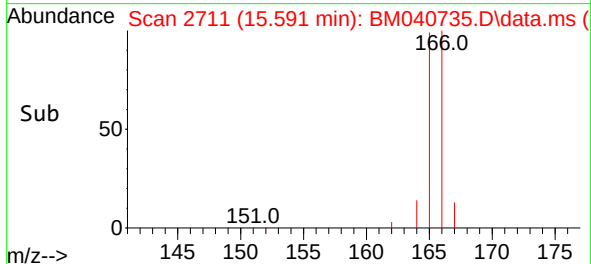
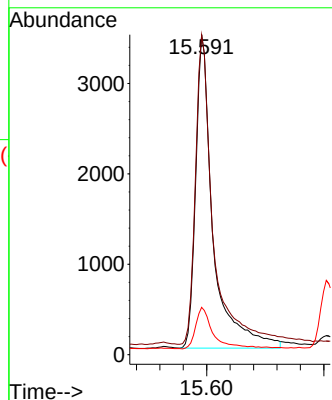
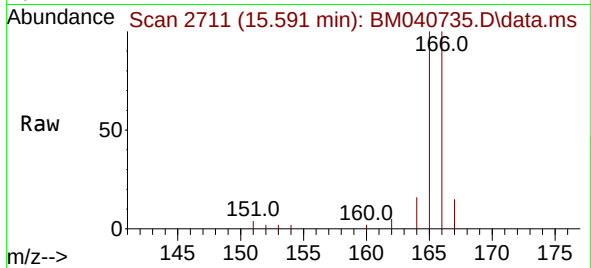




#12
Fluorene
Concen: 0.299 ng/ul
RT: 15.591 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

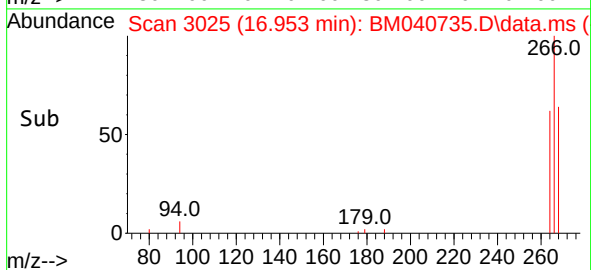
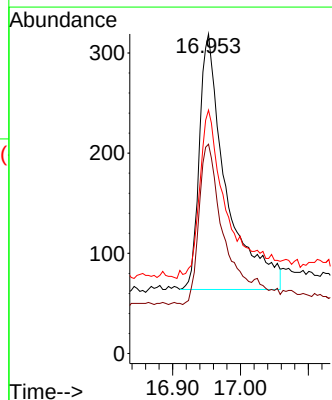
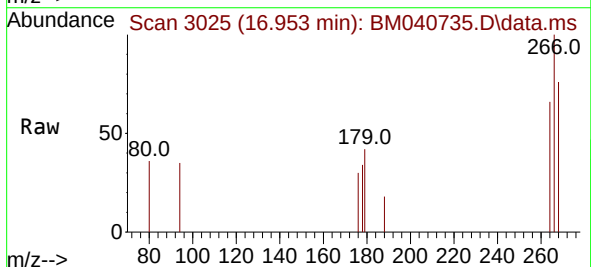
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ClientSampleId :
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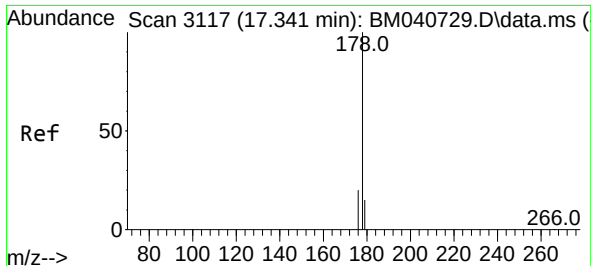
Tgt Ion:166 Resp: 7177
Ion Ratio Lower Upper
166 100
165 100.0 79.6 119.4
167 14.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.323 ng/ul
RT: 16.953 min Scan# 3025
Delta R.T. -0.004 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

Tgt Ion:266 Resp: 699
Ion Ratio Lower Upper
266 100
264 63.5 45.4 68.0
268 69.0 47.2 70.8

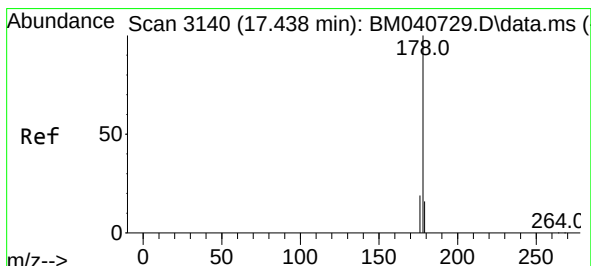
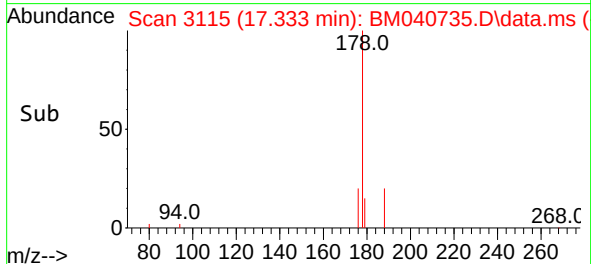
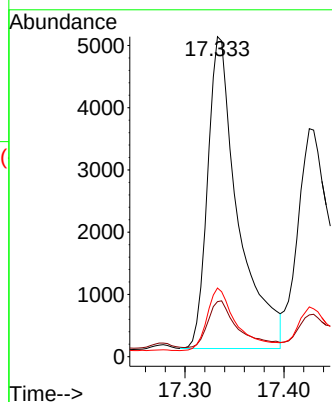
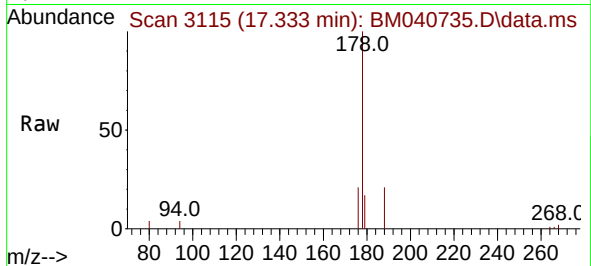




#15
Phenanthrene
Concen: 0.307 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

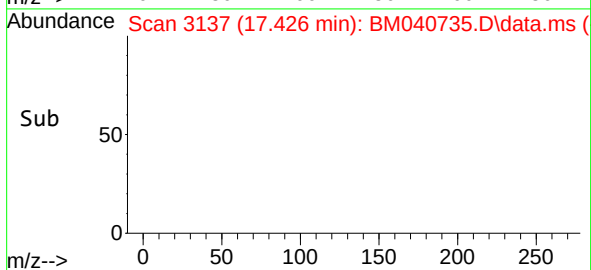
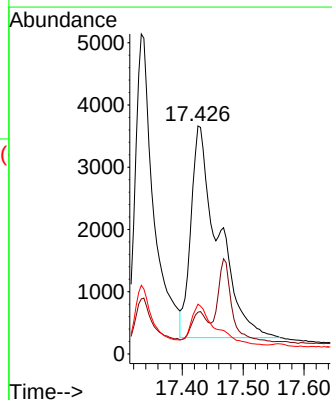
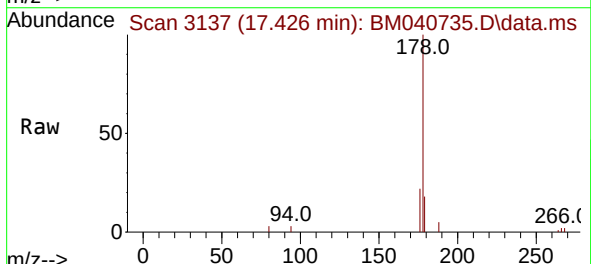
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ClientSampleId :
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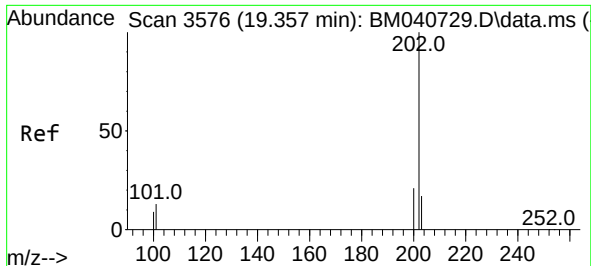
Tgt Ion:178 Resp: 10707
Ion Ratio Lower Upper
178 100
179 17.2 12.8 19.2
176 21.5 16.4 24.6



#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.013 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

Tgt Ion:178 Resp: 10591
Ion Ratio Lower Upper
178 100
179 18.3 12.9 19.3
176 21.8 15.8 23.6

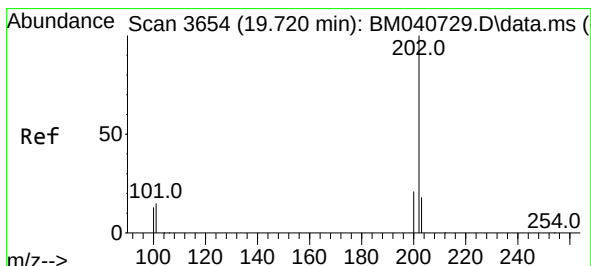
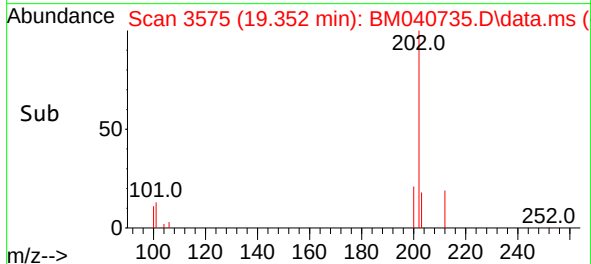
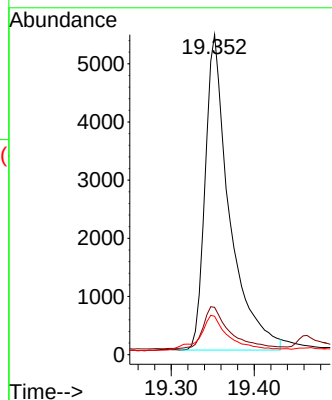
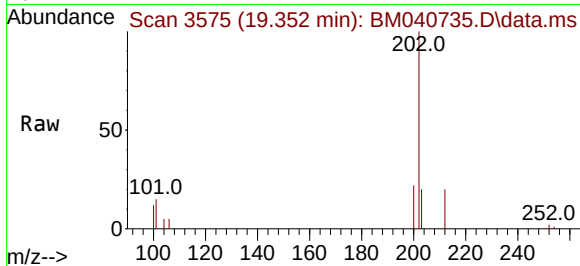




#19
Fluoranthene
Concen: 0.316 ng/ul
RT: 19.352 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

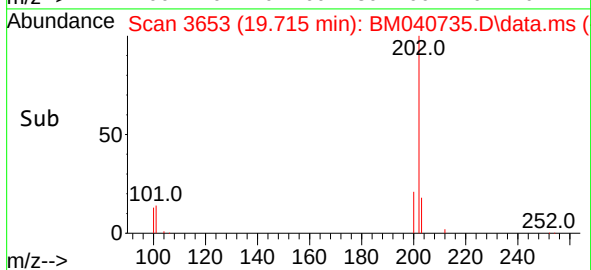
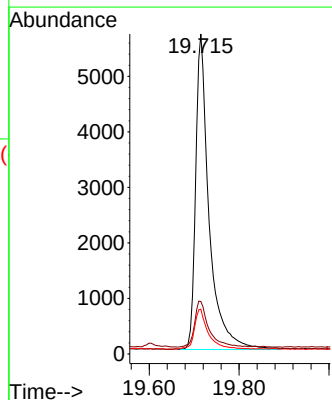
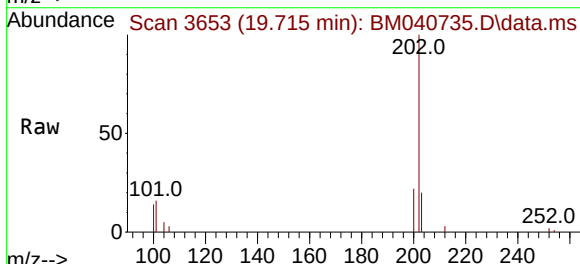
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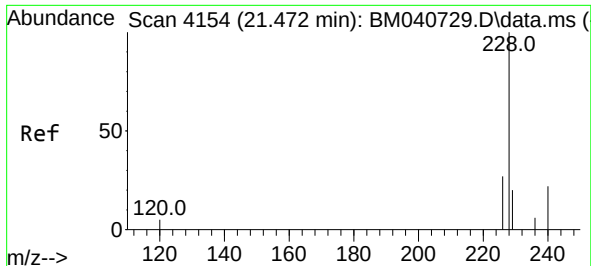
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.4	17.0
100	12.0	8.7	13.1



#20
Pyrene
Concen: 0.316 ng/ul
RT: 19.715 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.6	18.8
100	14.0	9.8	14.6

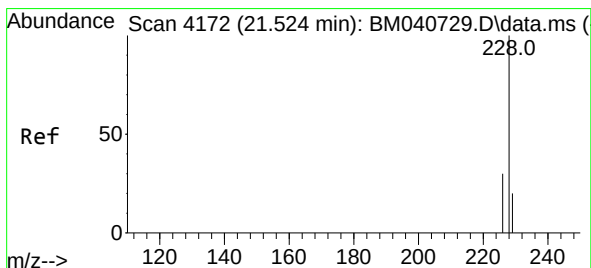
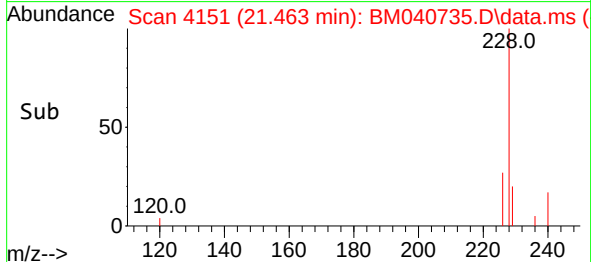
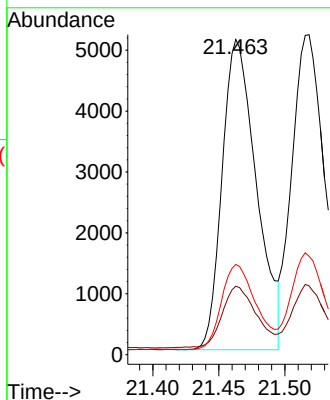
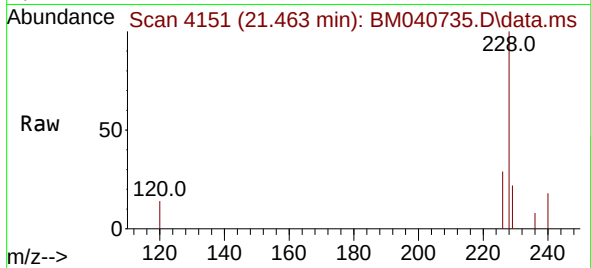




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.463 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

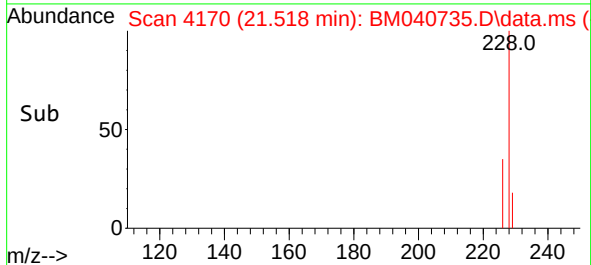
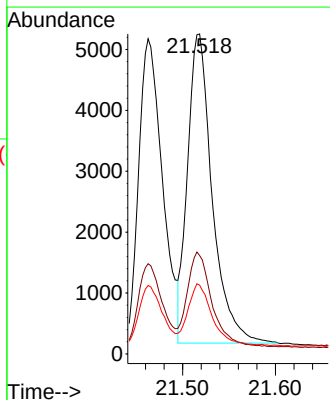
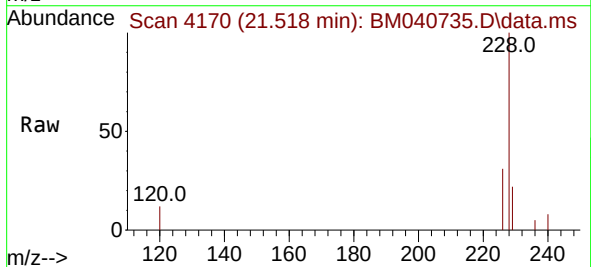
Instrument :
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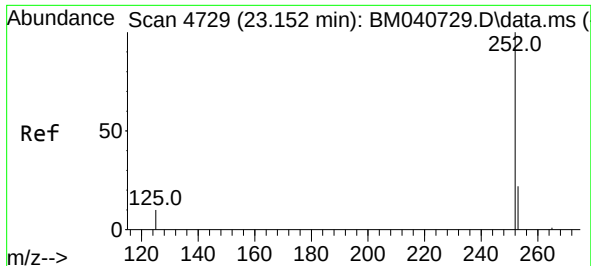
Tgt Ion:228 Resp: 9212
Ion Ratio Lower Upper
228 100
229 21.7 16.0 24.0
226 28.7 22.3 33.5



#22
Chrysene
Concen: 0.297 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.006 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

Tgt Ion:228 Resp: 9400
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 21.5 15.8 23.6

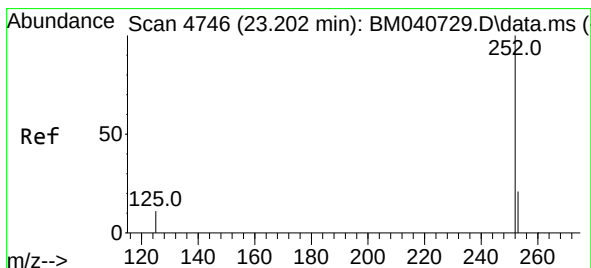
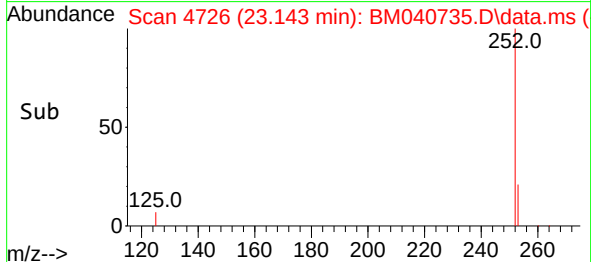
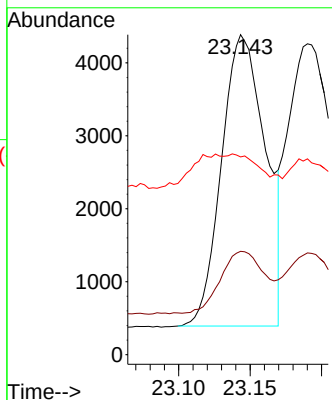
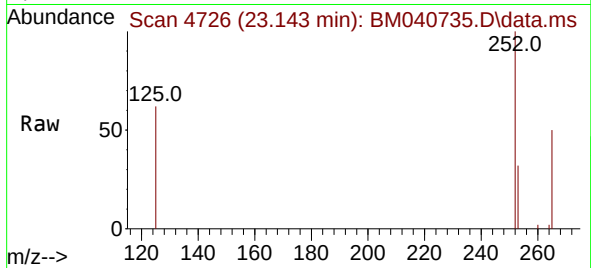




#24
Benzo(b)fluoranthene
Concen: 0.290 ng/ul
RT: 23.143 min Scan# 4726
Delta R.T. -0.009 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

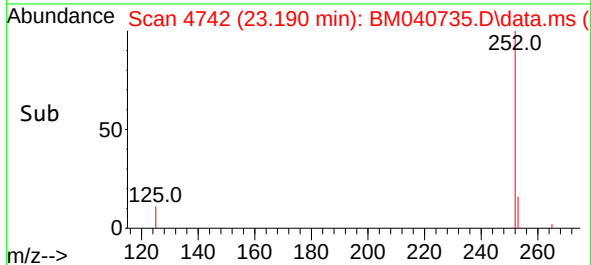
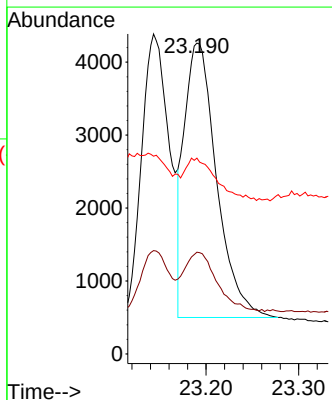
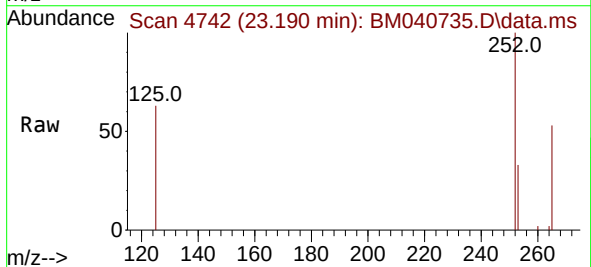
Instrument :
BNA_M
ClientSampleId :
YBTX2MSD

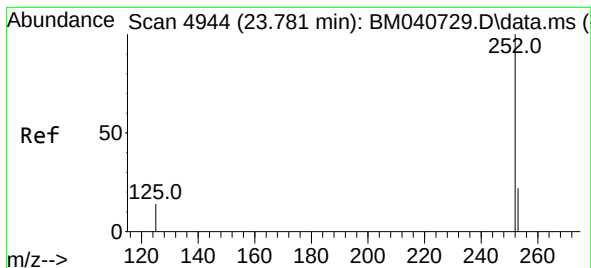
Tgt Ion:252 Resp: 8582
Ion Ratio Lower Upper
252 100
253 32.3 0.0 52.8
125 61.8 0.0 43.0#



#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul
RT: 23.190 min Scan# 4742
Delta R.T. -0.012 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

Tgt Ion:252 Resp: 9098
Ion Ratio Lower Upper
252 100
253 32.7 21.2 31.8#
125 63.0 16.4 24.6#





#26

Benzo(a)pyrene

Concen: 0.288 ng/ul

RT: 23.769 min Scan# 4944

Delta R.T. -0.012 min

Lab File: BM040735.D

Acq: 08 Jul 2023 11:37

Instrument :

BNA_M

ClientSampleId :

YBTX2MSD

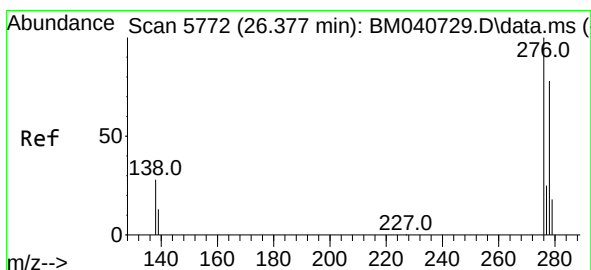
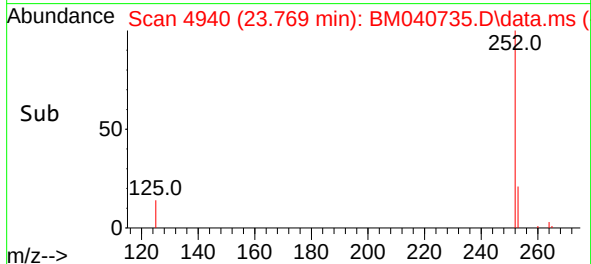
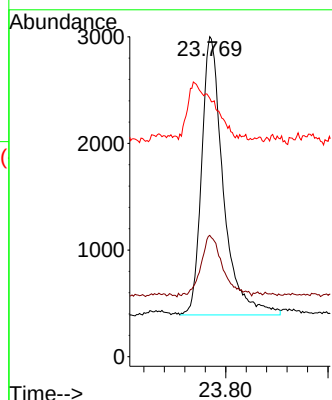
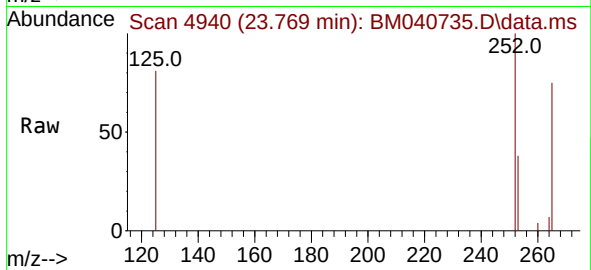
Tgt Ion:252 Resp: 7673

Ion Ratio Lower Upper

252 100

253 37.9 22.9 34.3#

125 80.7 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.264 ng/ul

RT: 26.364 min Scan# 5768

Delta R.T. -0.014 min

Lab File: BM040735.D

Acq: 08 Jul 2023 11:37

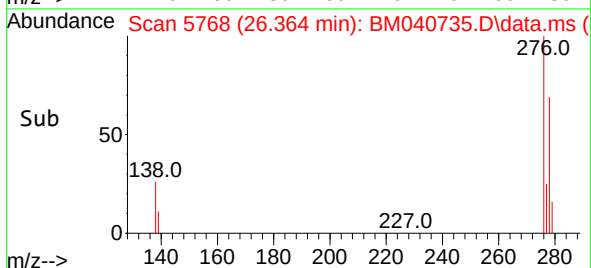
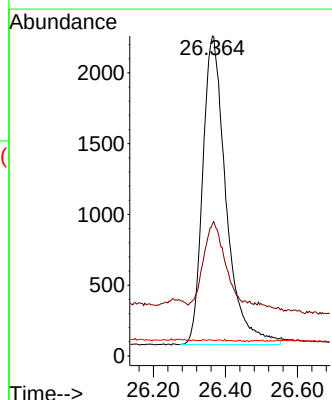
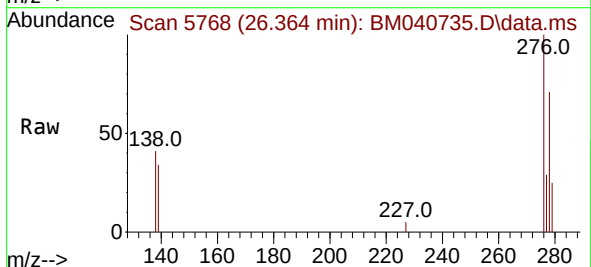
Tgt Ion:276 Resp: 9795

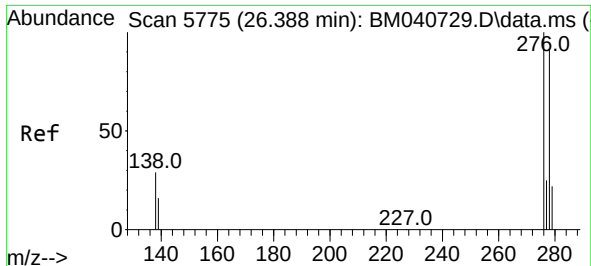
Ion Ratio Lower Upper

276 100

138 24.5 24.5 36.7#

227 0.1 0.1 0.1

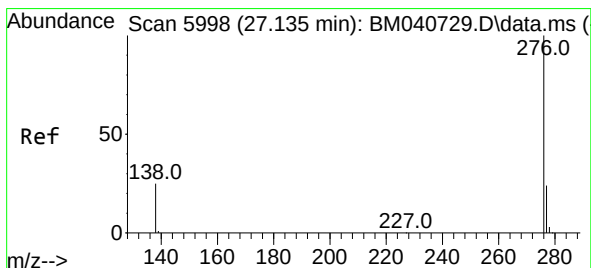
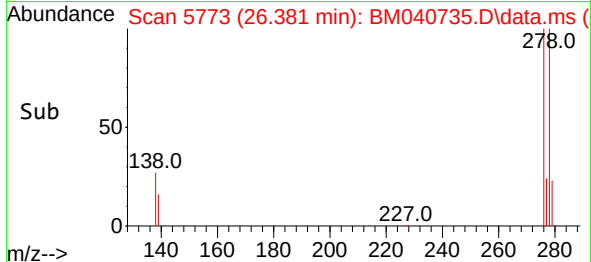
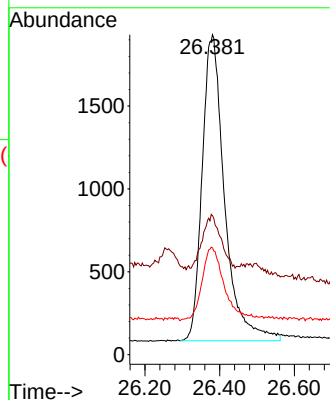
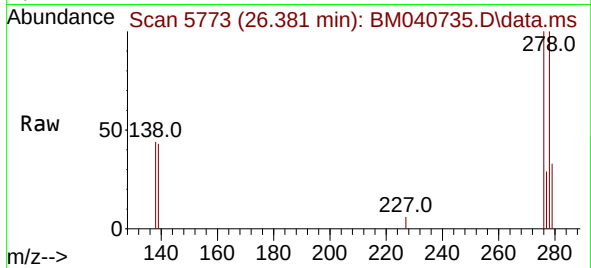




#28
Dibenzo(a,h)anthracene
Concen: 0.264 ng/ul
RT: 26.381 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

Instrument :
BNA_M
ClientSampleId :
YBTX2MSD

Tgt Ion:278 Resp: 7687
Ion Ratio Lower Upper
278 100
139 43.4 17.9 26.9#
279 33.4 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.259 ng/ul
RT: 27.125 min Scan# 5995
Delta R.T. -0.010 min
Lab File: BM040735.D
Acq: 08 Jul 2023 11:37

Tgt Ion:276 Resp: 8429
Ion Ratio Lower Upper
276 100
138 37.9 23.0 34.6#
277 27.8 20.3 30.5

