

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040710.D
 Acq On : 07 Jul 2023 12:34
 Operator : MA/JU
 Sample : PB153589BS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS589

Quant Time: Jul 07 13:40:07 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 : Fri Jul 07 10:22:24 2023
 Response via : Initial Calibration

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

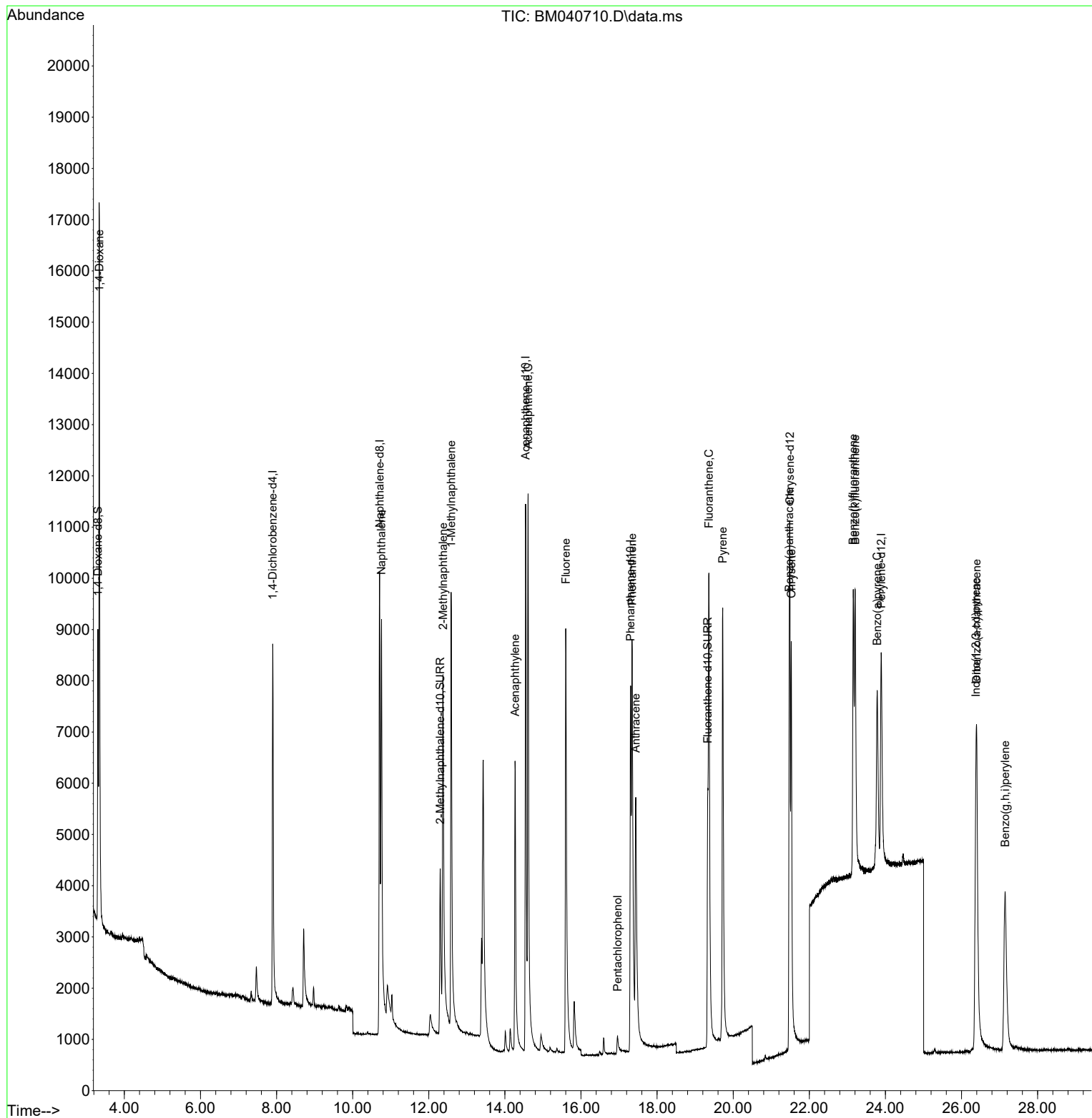
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	4539	0.400	ng/ul	0.00
4) Naphthalene-d8	10.708	136	16871	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.546	164	7720	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	13333	0.400	ng/ul	0.00
17) Chrysene-d12	21.489	240	8369	0.400	ng/ul	0.00
23) Perylene-d12	23.889	264	7927	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	3754	0.527	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.302	152	6960	0.294	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	8871	0.331	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	9793	1.349	ng/ul	90
5) Naphthalene	10.757	128	13994	0.301	ng/ul	99
7) 2-Methylnaphthalene	12.374	142	8106	0.297	ng/ul	97
8) 1-Methylnaphthalene	12.588	142	7675	0.281	ng/ul	98
10) Acenaphthylene	14.268	152	9793	0.284	ng/ul	97
11) Acenaphthene	14.611	153	8457	0.290	ng/ul	98
12) Fluorene	15.601	166	8835	0.284	ng/ul	100
14) Pentachlorophenol	16.961	266	511	0.199	ng/ul	96
15) Phenanthrene	17.346	178	11777	0.284	ng/ul	98
16) Anthracene	17.438	178	9912	0.285	ng/ul	96
19) Fluoranthene	19.362	202	11442	0.322	ng/ul	98
20) Pyrene	19.724	202	11817	0.310	ng/ul	97
21) Benzo(a)anthracene	21.472	228	8436	0.298	ng/ul	98
22) Chrysene	21.527	228	9581	0.297	ng/ul	99
24) Benzo(b)fluoranthene	23.155	252	9631	0.314	ng/ul	88
25) Benzo(k)fluoranthene	23.205	252	9470	0.313	ng/ul#	89
26) Benzo(a)pyrene	23.784	252	8145	0.295	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.381	276	11391	0.296	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.398	278	8886	0.295	ng/ul	95
29) Benzo(g,h,i)perylene	27.146	276	10238	0.304	ng/ul	98

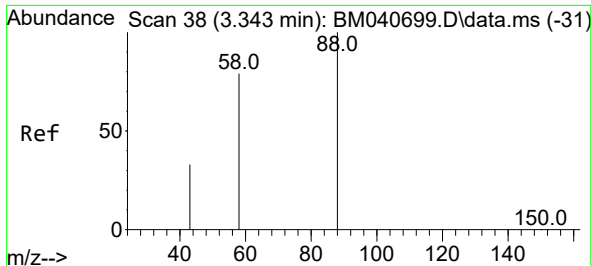
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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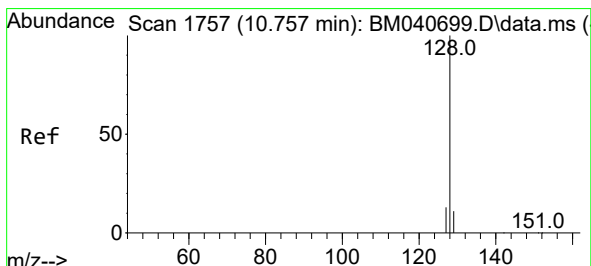
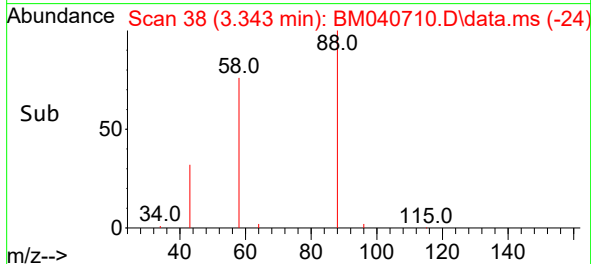
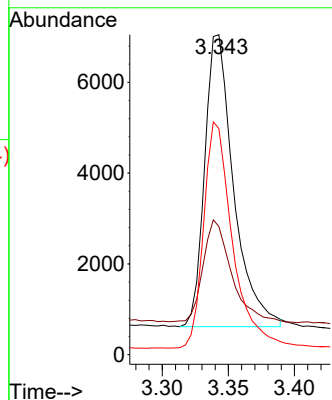
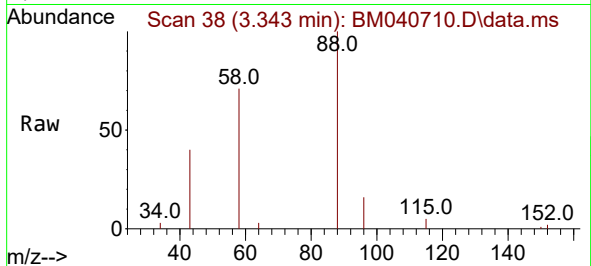




#2
1,4-Dioxane
Concen: 1.349 ng/ul
RT: 3.343 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

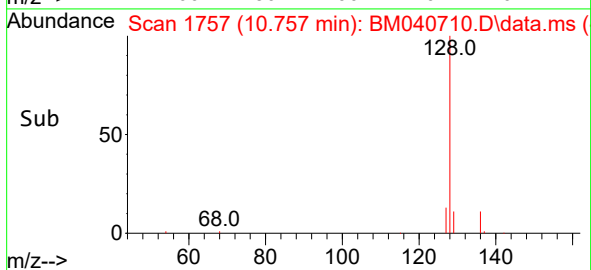
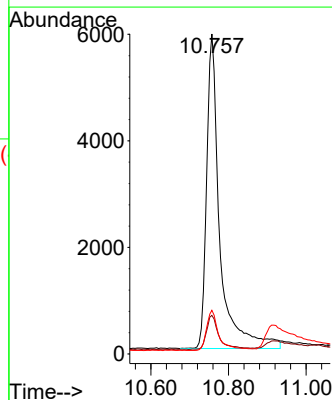
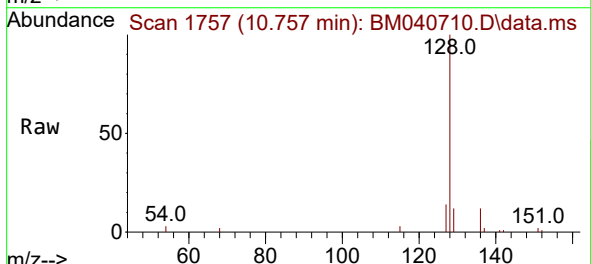
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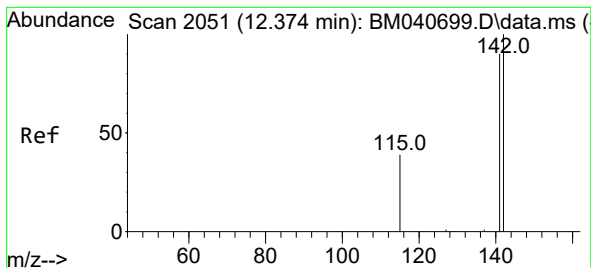
Tgt Ion: 88 Resp: 9793
Ion Ratio Lower Upper
88 100
43 40.0 36.1 54.1
58 70.7 49.8 74.8



#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.757 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

Tgt Ion: 128 Resp: 13994
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.7 10.6 15.8

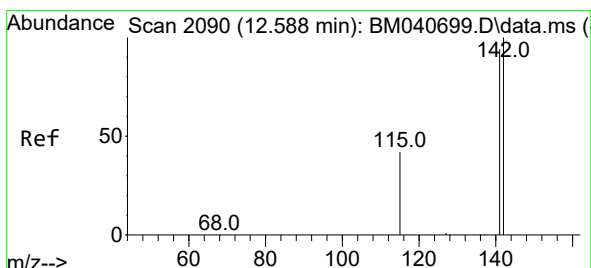
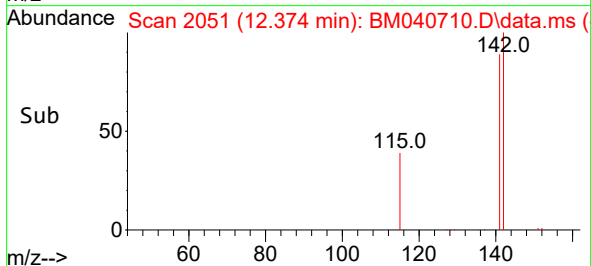
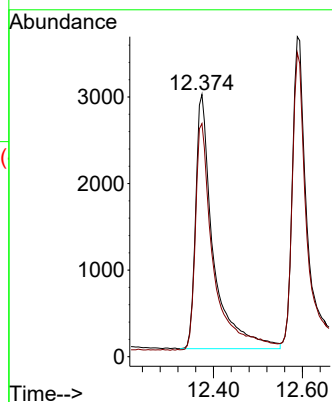
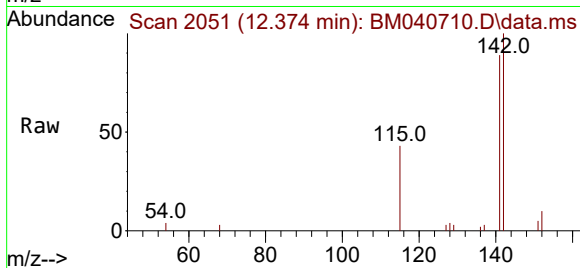




#7
2-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.374 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

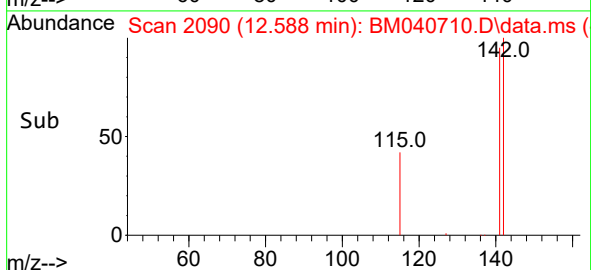
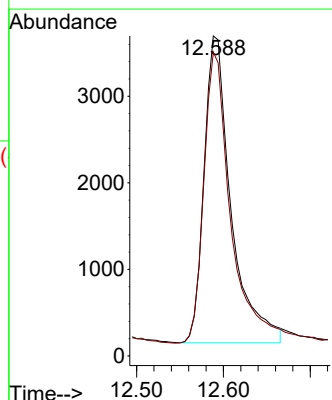
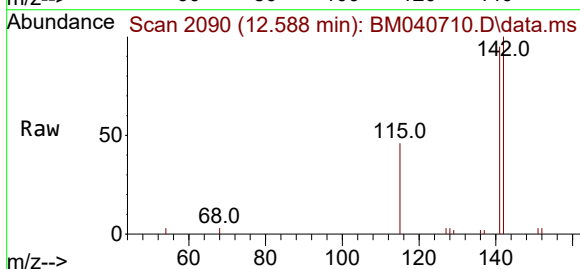
Instrument :
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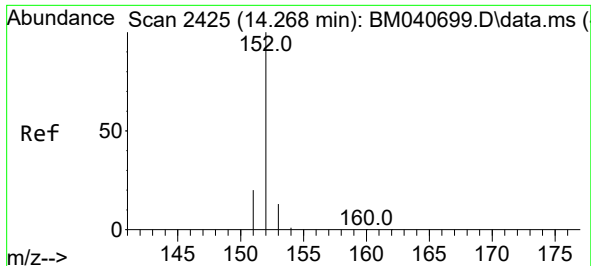
Tgt Ion:142 Resp: 8106
Ion Ratio Lower Upper
142 100
141 92.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

Tgt Ion:142 Resp: 7675
Ion Ratio Lower Upper
142 100
141 93.9 73.7 110.5

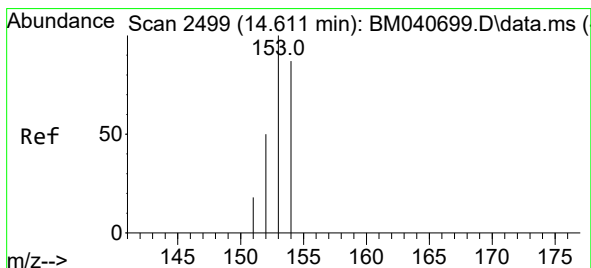
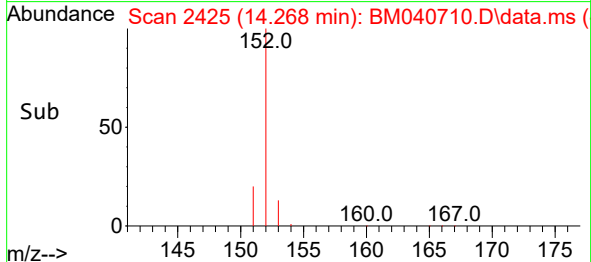
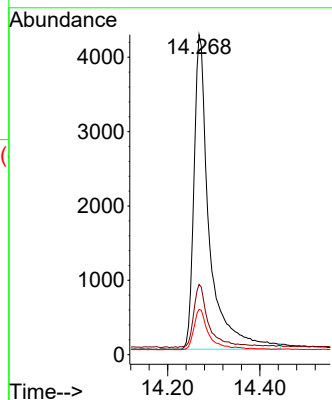
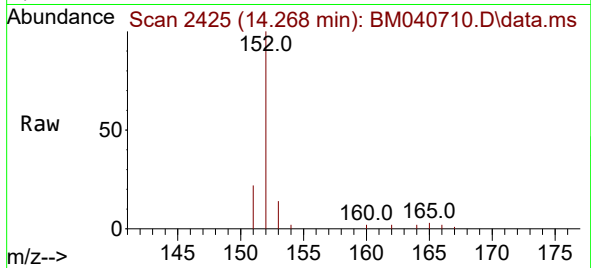




#10
Acenaphthylene
Concen: 0.284 ng/ul
RT: 14.268 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

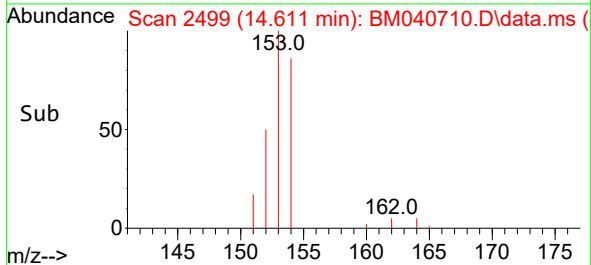
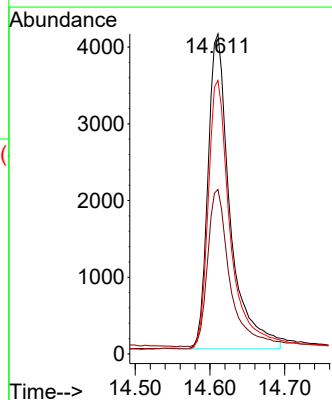
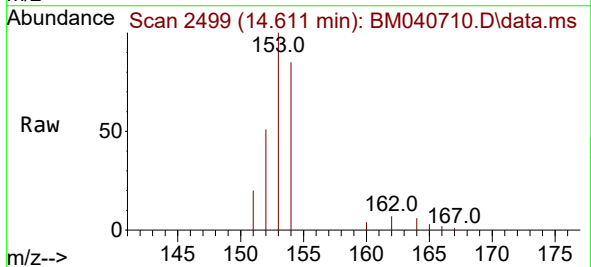
Instrument :
BNA_M
ClientSampleId :
SLCS589

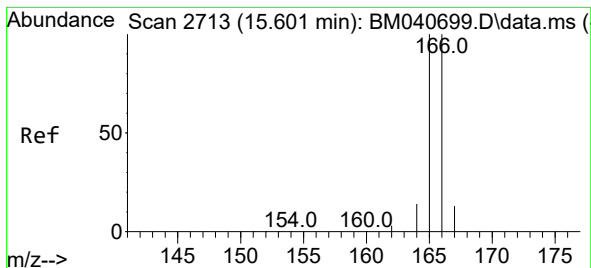
Tgt Ion:152 Resp: 9793
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.2
153 14.2 10.9 16.3



#11
Acenaphthene
Concen: 0.290 ng/ul
RT: 14.611 min Scan# 2499
Delta R.T. -0.000 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

Tgt Ion:153 Resp: 8457
Ion Ratio Lower Upper
153 100
152 51.4 41.0 61.4
154 85.5 70.8 106.2





#12

Fluorene

Concen: 0.284 ng/ul

RT: 15.601 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040710.D

Acq: 07 Jul 2023 12:34

Instrument :

BNA_M

ClientSampleId :

SLCS589

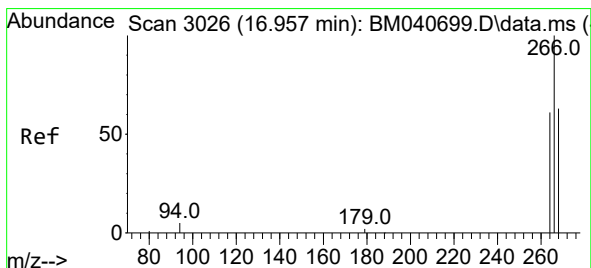
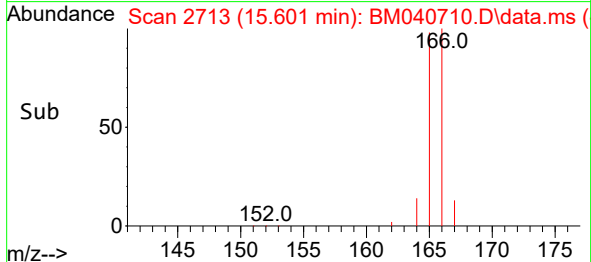
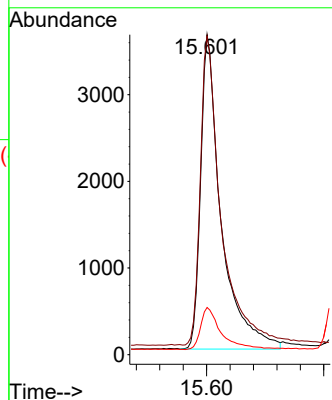
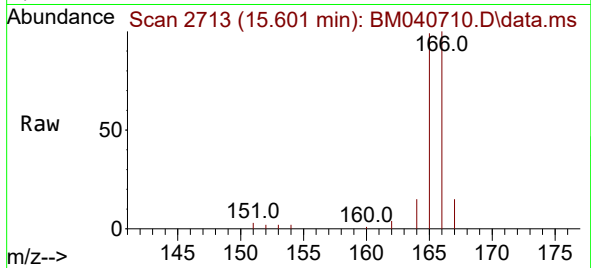
Tgt Ion:166 Resp: 8835

Ion Ratio Lower Upper

166 100

165 99.5 79.6 119.4

167 14.7 11.4 17.0



#14

Pentachlorophenol

Concen: 0.199 ng/ul

RT: 16.961 min Scan# 3027

Delta R.T. 0.004 min

Lab File: BM040710.D

Acq: 07 Jul 2023 12:34

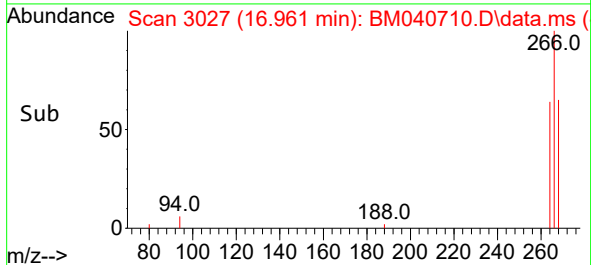
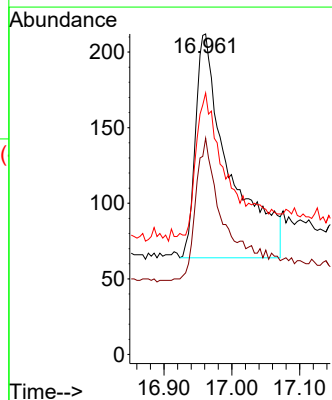
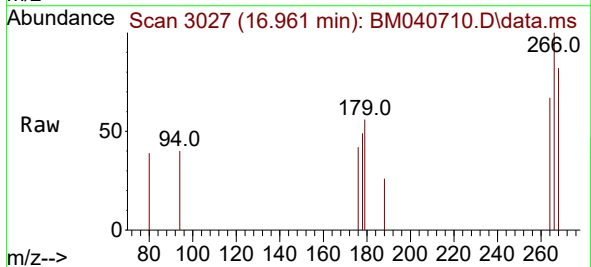
Tgt Ion:266 Resp: 511

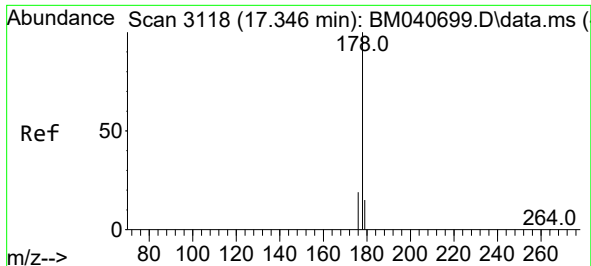
Ion Ratio Lower Upper

266 100

264 59.3 45.4 68.0

268 62.0 47.2 70.8

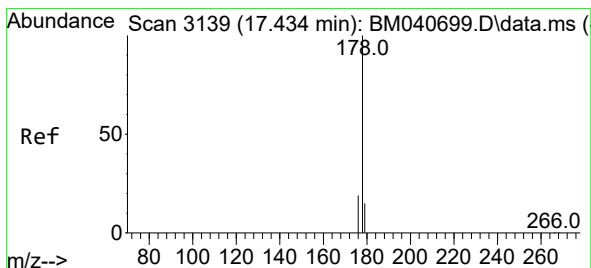
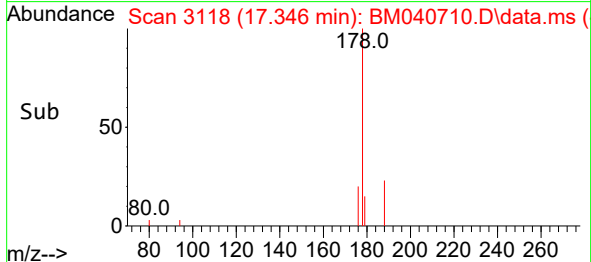
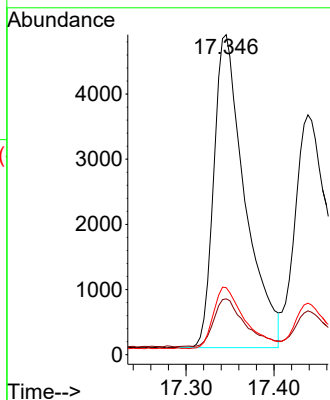
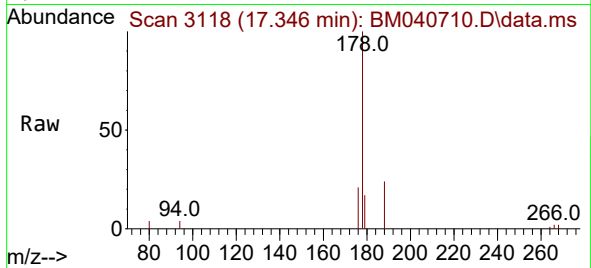




#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 17.346 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

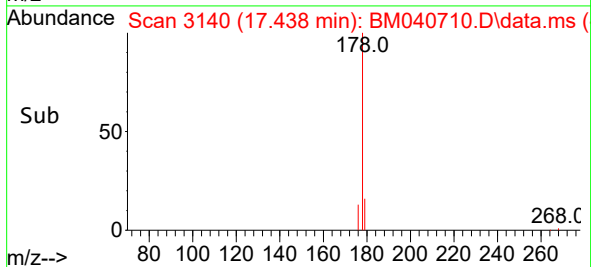
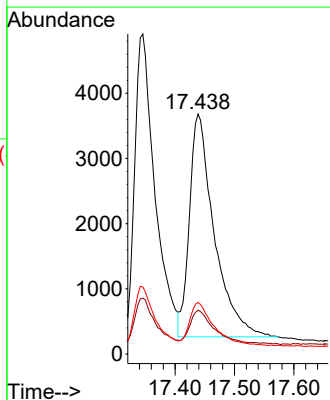
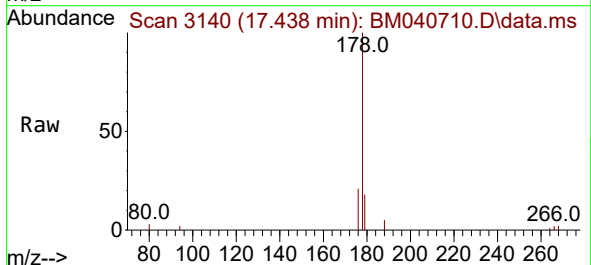
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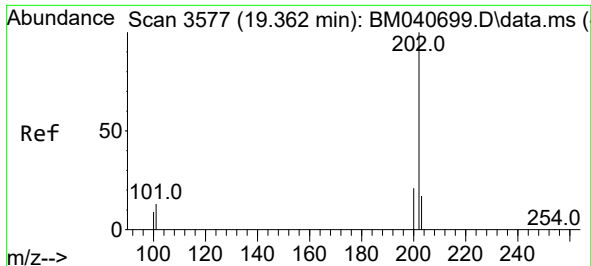
Tgt Ion:178 Resp: 11777
Ion Ratio Lower Upper
178 100
179 17.5 12.8 19.2
176 21.0 16.4 24.6



#16
Anthracene
Concen: 0.285 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.004 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

Tgt Ion:178 Resp: 9912
Ion Ratio Lower Upper
178 100
179 18.3 12.9 19.3
176 21.5 15.8 23.6

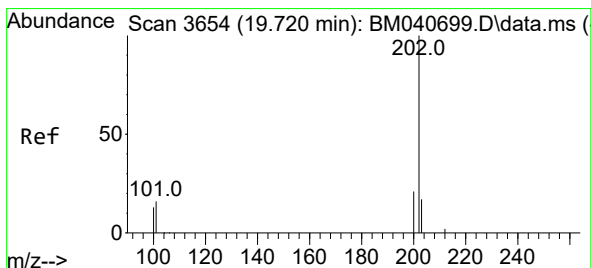
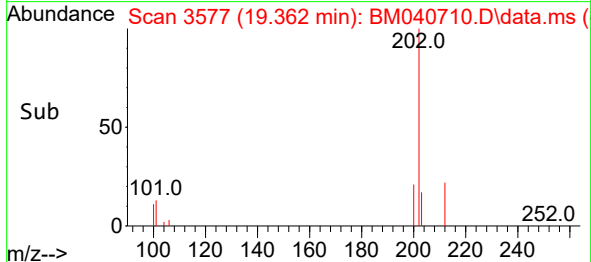
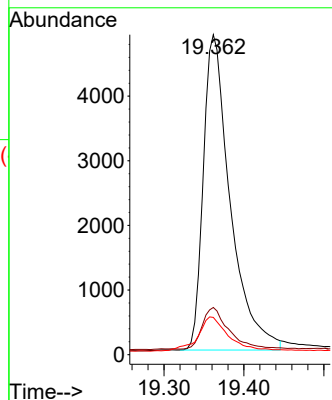
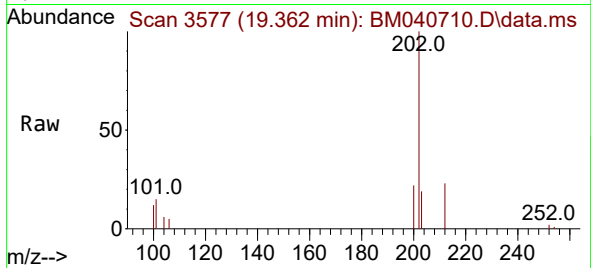




#19
Fluoranthene
Concen: 0.322 ng/ul
RT: 19.362 min Scan# 3577
Delta R.T. -0.000 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

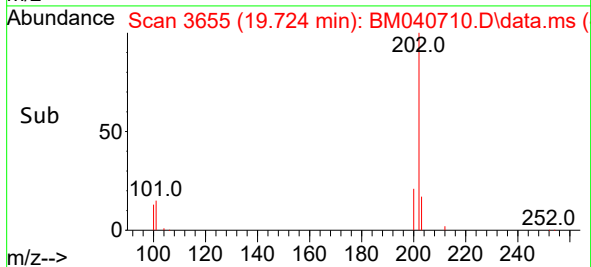
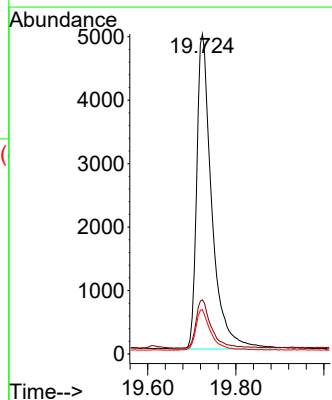
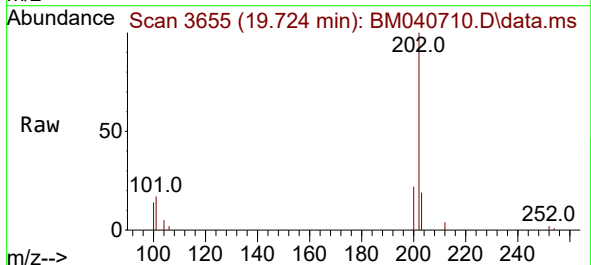
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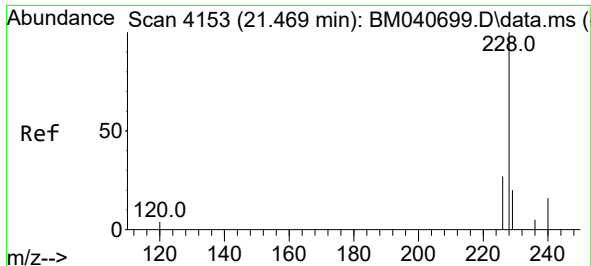
Tgt Ion:202 Resp: 11442
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 11.6 8.7 13.1



#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.724 min Scan# 3655
Delta R.T. 0.005 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

Tgt Ion:202 Resp: 11817
Ion Ratio Lower Upper
202 100
101 16.9 12.6 18.8
100 13.9 9.8 14.6

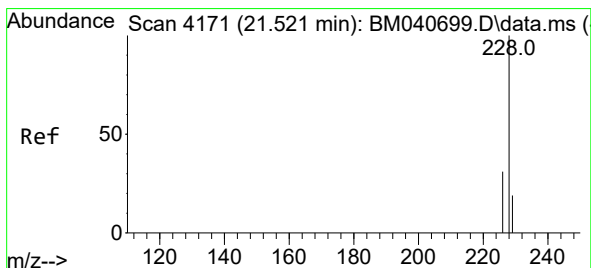
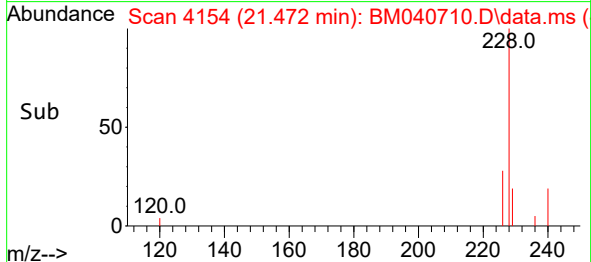
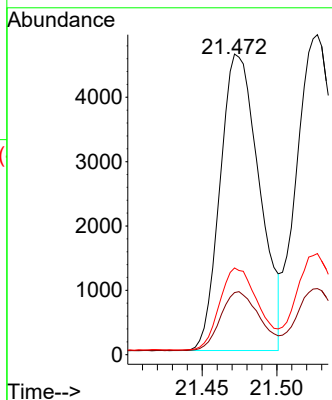
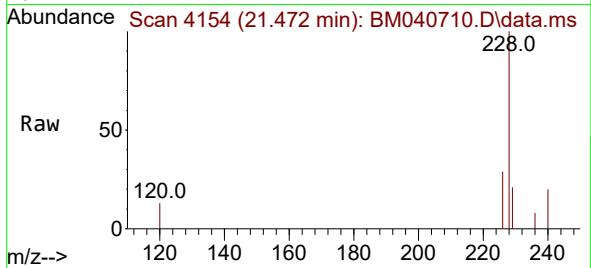




#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.472 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

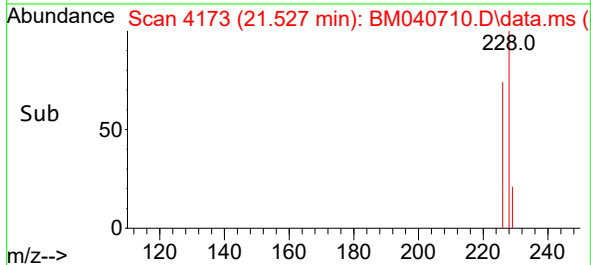
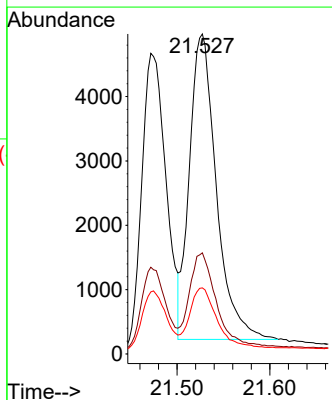
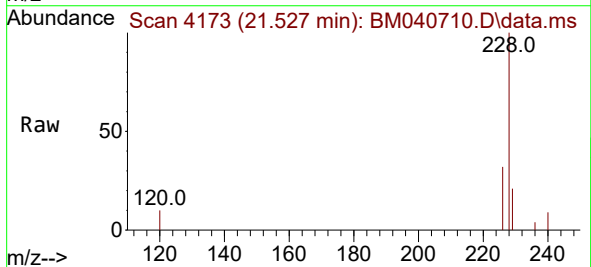
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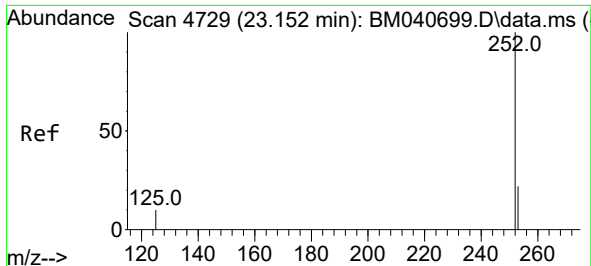
Tgt Ion:228	Resp:	8436
Ion Ratio	Lower	Upper
228	100	
229	20.6	16.0 24.0
226	28.8	22.3 33.5



#22
Chrysene
Concen: 0.297 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. 0.006 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

Tgt Ion:228	Resp:	9581
Ion Ratio	Lower	Upper
228	100	
226	31.6	24.9 37.3
229	20.7	15.8 23.6

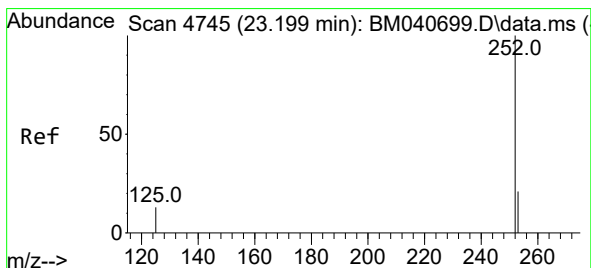
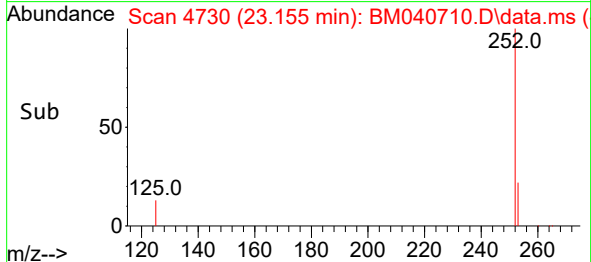
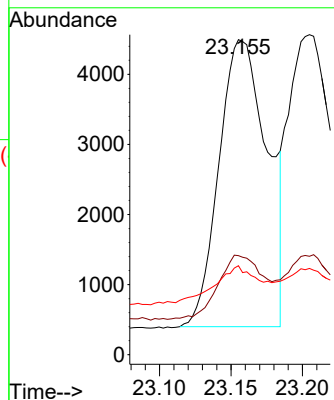
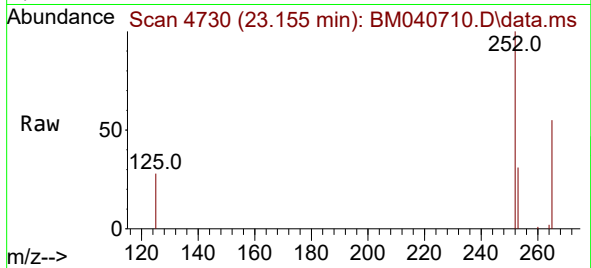




#24
Benzo(b)fluoranthene
Concen: 0.314 ng/ul
RT: 23.155 min Scan# 4730
Delta R.T. 0.003 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

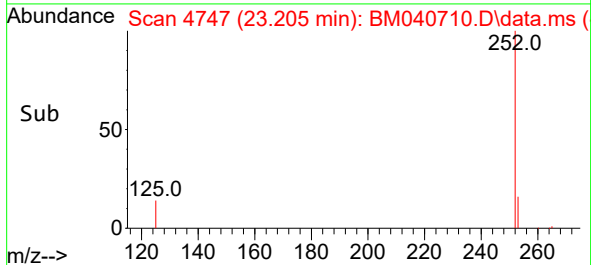
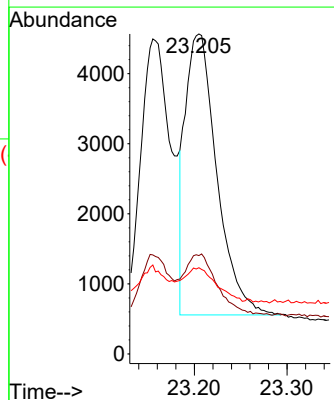
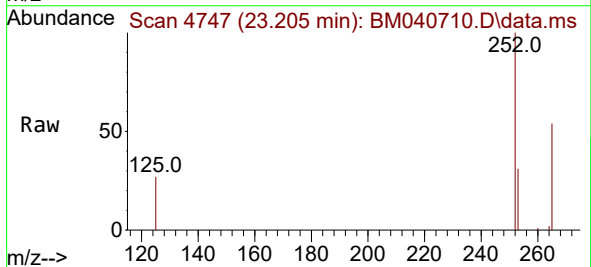
Instrument :
BNA_M
ClientSampleId :
SLCS589

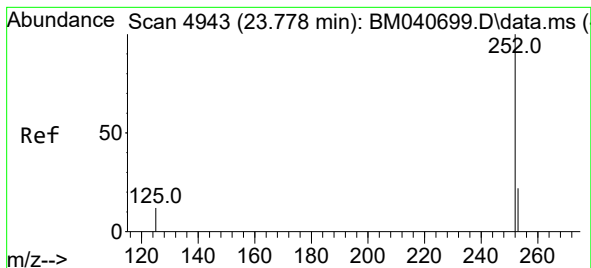
Tgt Ion:252 Resp: 9631
Ion Ratio Lower Upper
252 100
253 31.5 0.0 52.8
125 28.2 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.313 ng/ul
RT: 23.205 min Scan# 4747
Delta R.T. 0.006 min
Lab File: BM040710.D
Acq: 07 Jul 2023 12:34

Tgt Ion:252 Resp: 9470
Ion Ratio Lower Upper
252 100
253 30.7 21.2 31.8
125 26.9 16.4 24.6#





#26

Benzo(a)pyrene

Concen: 0.295 ng/ul

RT: 23.784 min Scan# 4943

Delta R.T. 0.006 min

Lab File: BM040710.D

Acq: 07 Jul 2023 12:34

Instrument :

BNA_M

ClientSampleId :

SLCS589

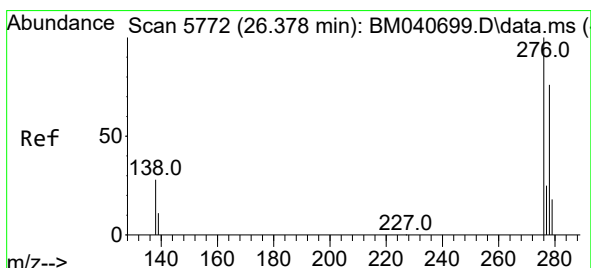
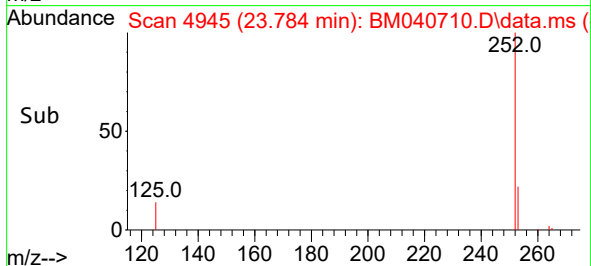
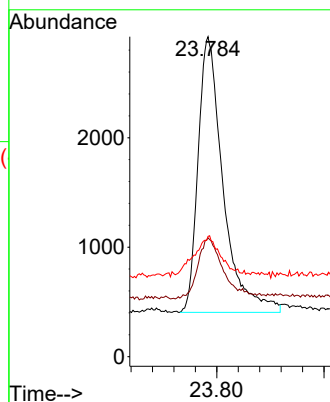
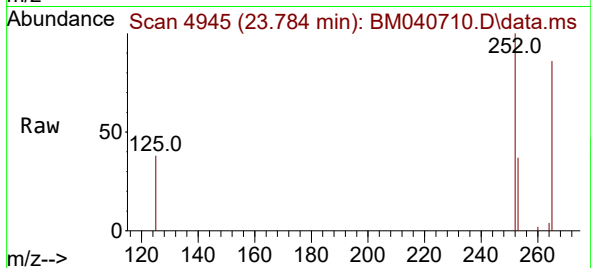
Tgt Ion:252 Resp: 8145

Ion Ratio Lower Upper

252 100

253 37.2 22.9 34.3#

125 37.6 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.296 ng/ul

RT: 26.381 min Scan# 5773

Delta R.T. 0.003 min

Lab File: BM040710.D

Acq: 07 Jul 2023 12:34

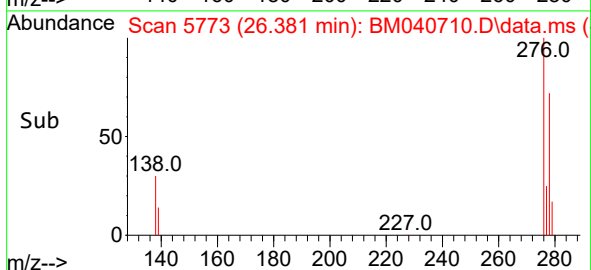
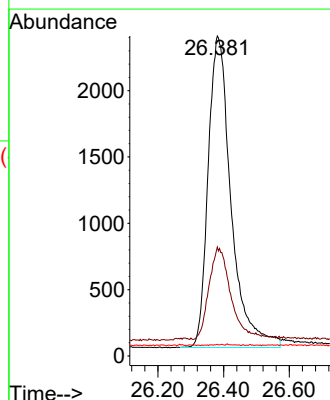
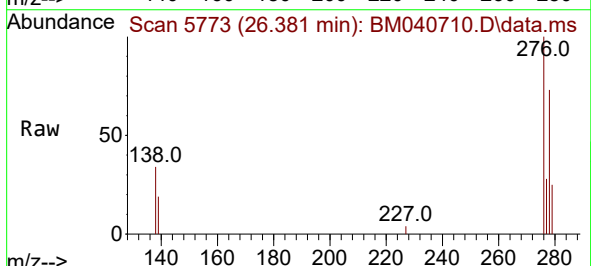
Tgt Ion:276 Resp: 11391

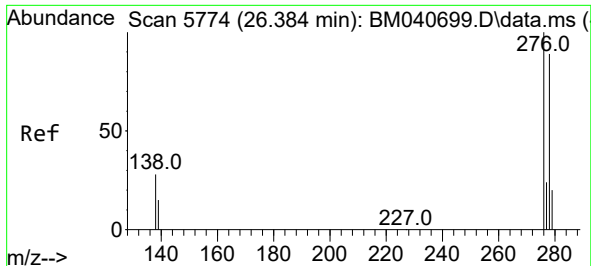
Ion Ratio Lower Upper

276 100

138 28.7 24.5 36.7

227 0.1 0.1 0.1#

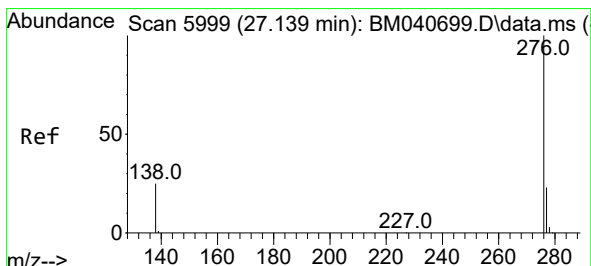
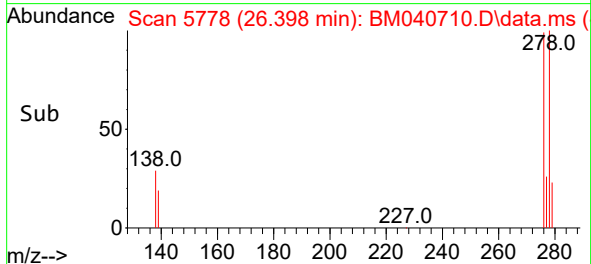
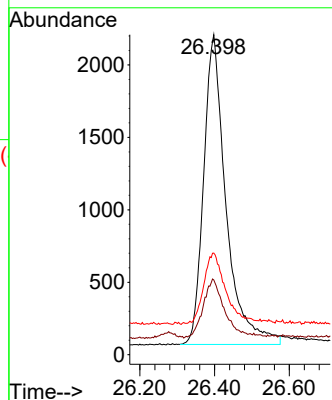
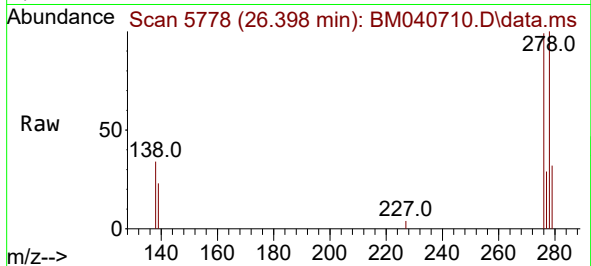




#28
 Dibenzo(a,h)anthracene
 Concen: 0.295 ng/ul
 RT: 26.398 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: BM040710.D
 Acq: 07 Jul 2023 12:34

Instrument :
 BNA_M
 ClientSampleId :
 SLCS589

Tgt Ion:278 Resp: 8886
 Ion Ratio Lower Upper
 278 100
 139 23.4 17.9 26.9
 279 31.8 22.0 33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.304 ng/ul
 RT: 27.146 min Scan# 6001
 Delta R.T. 0.007 min
 Lab File: BM040710.D
 Acq: 07 Jul 2023 12:34

Tgt Ion:276 Resp: 10238
 Ion Ratio Lower Upper
 276 100
 138 30.2 23.0 34.6
 277 26.6 20.3 30.5

