

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040714.D
 Acq On : 07 Jul 2023 15:07
 Operator : MA/JU
 Sample : PB153640BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS640

Quant Time: Jul 07 16:11:07 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

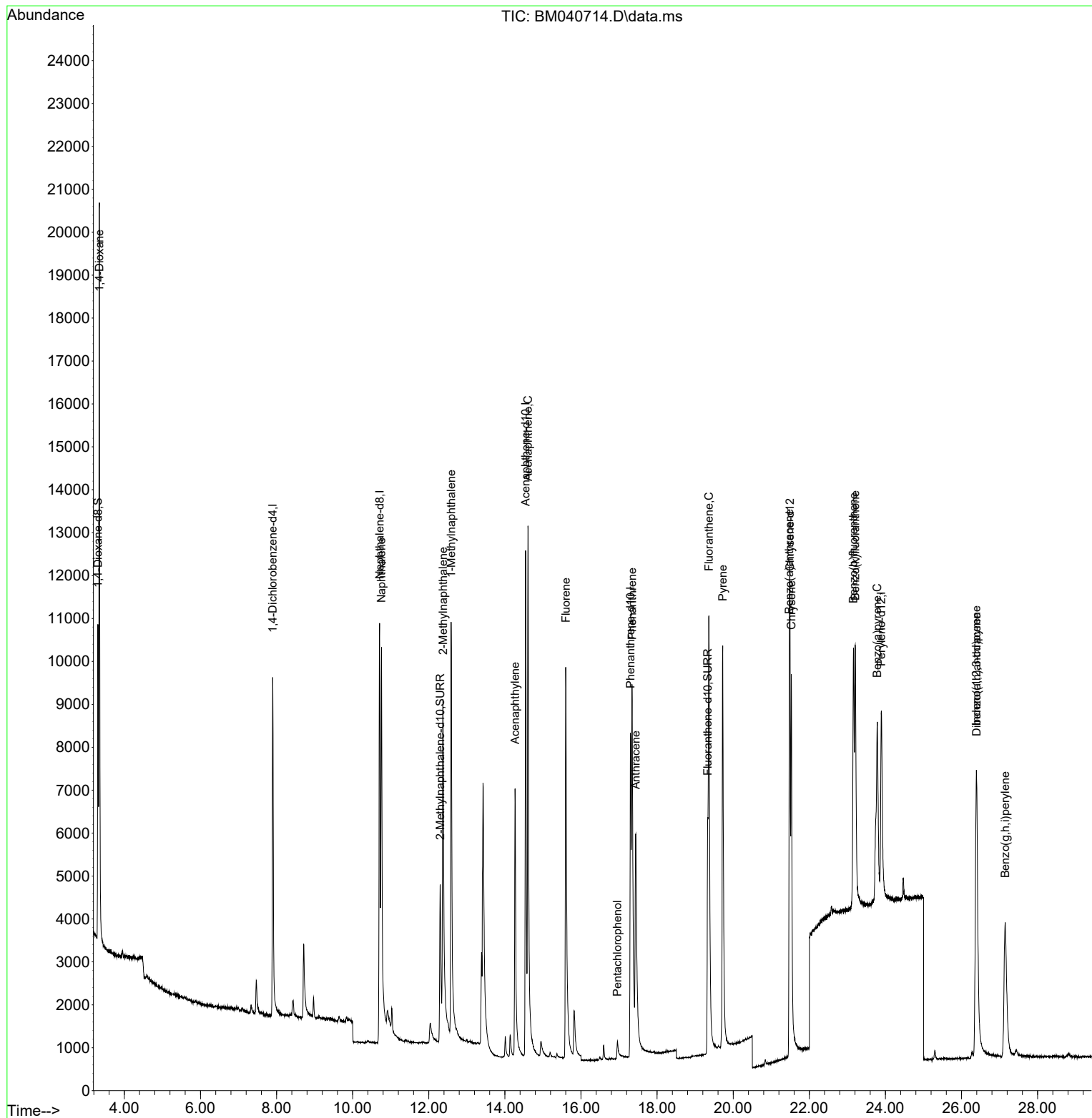
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5024	0.400	ng/ul	0.00
4) Naphthalene-d8	10.708	136	18612	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.546	164	8425	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	14177	0.400	ng/ul	0.00
17) Chrysene-d12	21.492	240	8950	0.400	ng/ul	0.00
23) Perylene-d12	23.895	264	8086	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	4659	0.590	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.303	152	8200	0.314	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	10065	0.351	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	11610	1.445	ng/ul	89
5) Naphthalene	10.757	128	15753	0.307	ng/ul	99
7) 2-Methylnaphthalene	12.374	142	9102	0.302	ng/ul	97
8) 1-Methylnaphthalene	12.589	142	8577	0.285	ng/ul	98
10) Acenaphthylene	14.268	152	11023	0.293	ng/ul	97
11) Acenaphthene	14.606	153	9487	0.298	ng/ul	97
12) Fluorene	15.601	166	9880	0.291	ng/ul	98
14) Pentachlorophenol	16.957	266	569	0.208	ng/ul	89
15) Phenanthrene	17.342	178	12778	0.290	ng/ul	98
16) Anthracene	17.439	178	10682	0.289	ng/ul	96
19) Fluoranthene	19.362	202	12550	0.330	ng/ul	100
20) Pyrene	19.724	202	12863	0.316	ng/ul	98
21) Benzo(a)anthracene	21.475	228	9268	0.306	ng/ul	99
22) Chrysene	21.527	228	10511	0.304	ng/ul	99
24) Benzo(b)fluoranthene	23.161	252	10403	0.332	ng/ul	90
25) Benzo(k)fluoranthene	23.208	252	10492	0.340	ng/ul#	91
26) Benzo(a)pyrene	23.787	252	8770	0.311	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.391	276	11769	0.300	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.398	278	9157	0.298	ng/ul	94
29) Benzo(g,h,i)perylene	27.149	276	10681	0.310	ng/ul	97

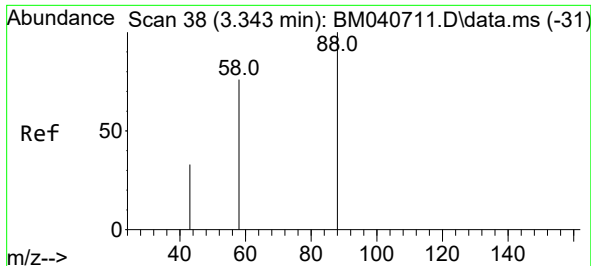
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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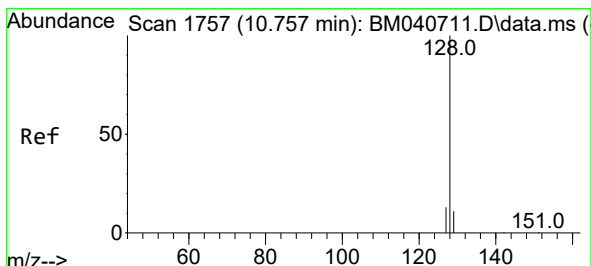
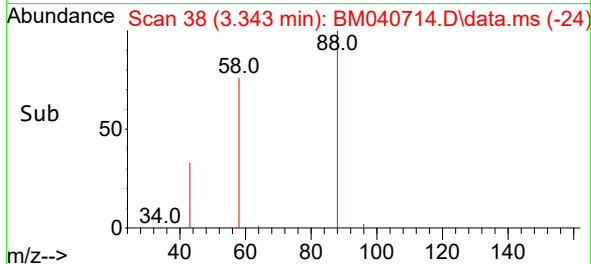
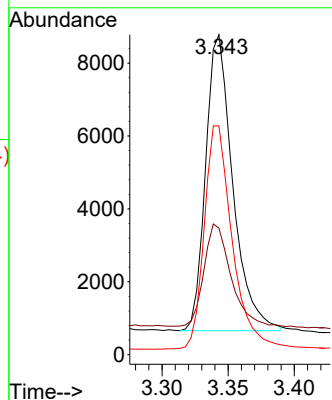
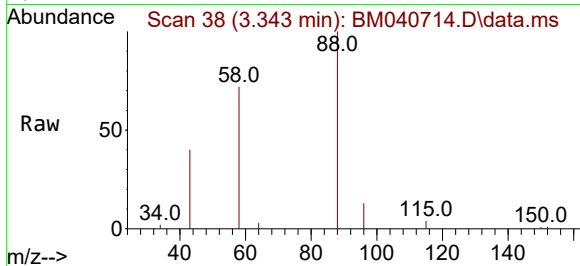




#2
1,4-Dioxane
Concen: 1.445 ng/ul
RT: 3.343 min Scan# 38
Delta R.T. 0.000 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

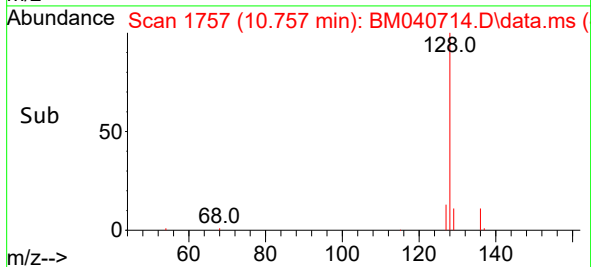
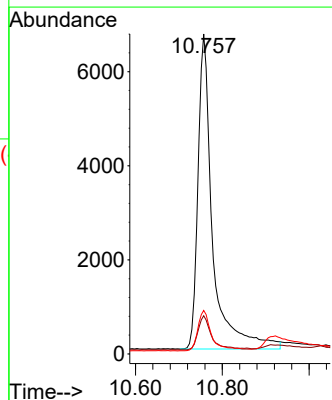
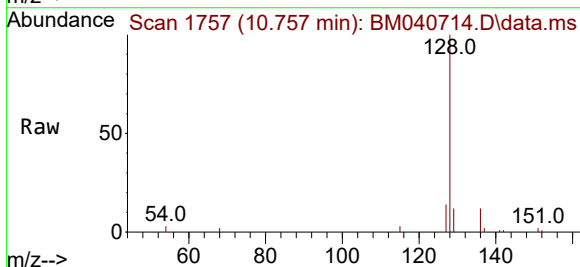
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BNA_M
ClientSampleId :
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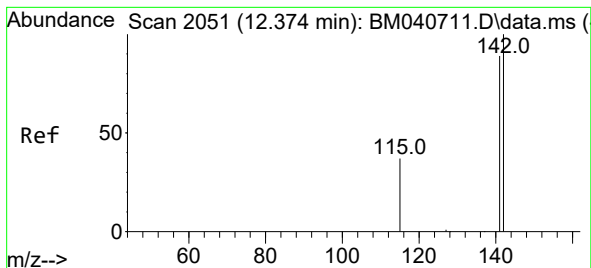
Tgt Ion: 88 Resp: 11610
Ion Ratio Lower Upper
88 100
43 39.5 36.1 54.1
58 71.5 49.8 74.8



#5
Naphthalene
Concen: 0.307 ng/ul
RT: 10.757 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

Tgt Ion: 128 Resp: 15753
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.6 10.6 15.8

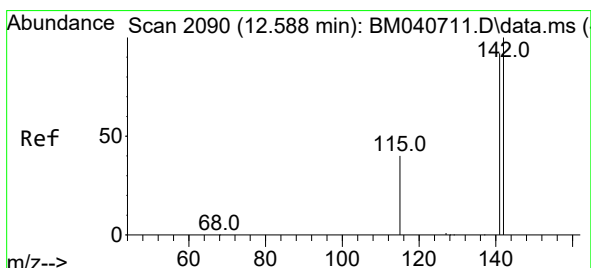
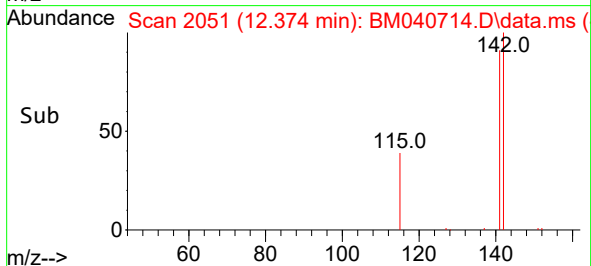
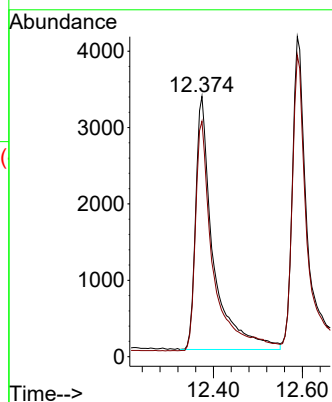
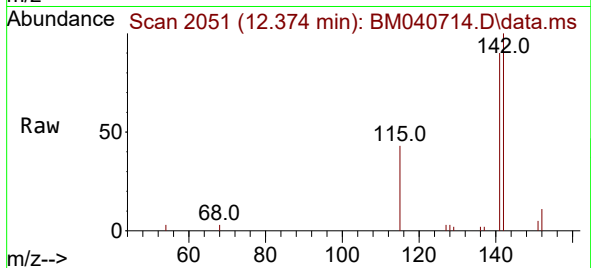




#7
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.374 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

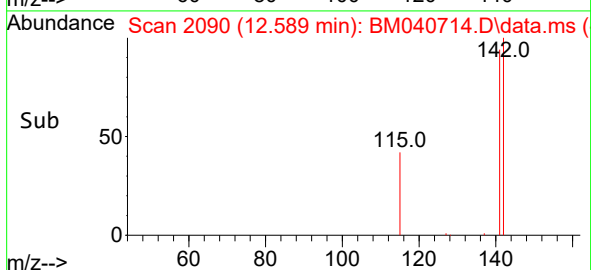
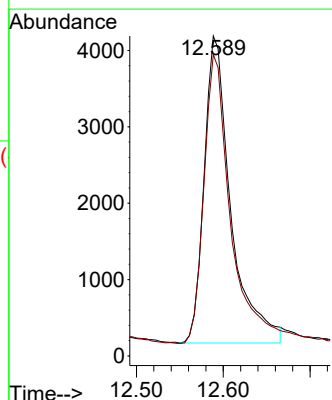
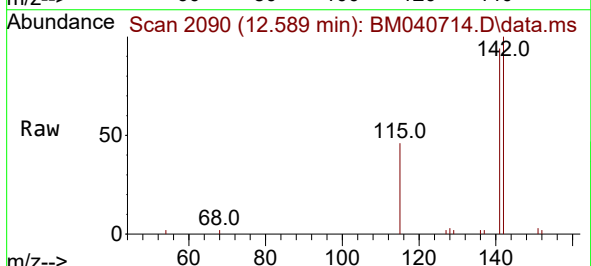
Instrument :
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ClientSampleId :
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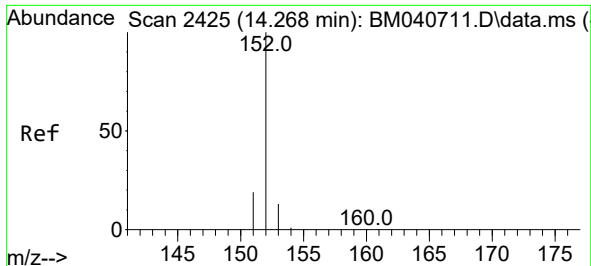
Tgt Ion:142 Resp: 9102
Ion Ratio Lower Upper
142 100
141 92.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.589 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

Tgt Ion:142 Resp: 8577
Ion Ratio Lower Upper
142 100
141 93.8 73.7 110.5

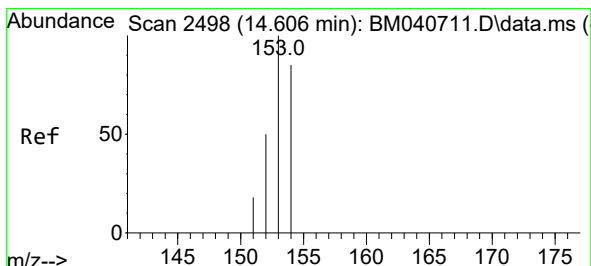
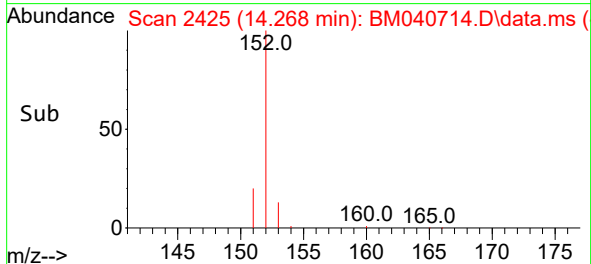
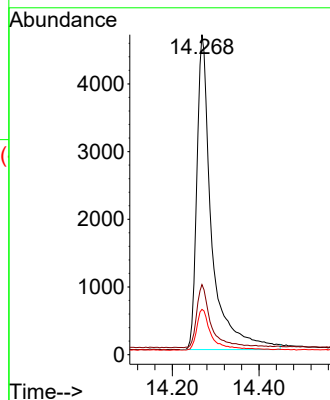
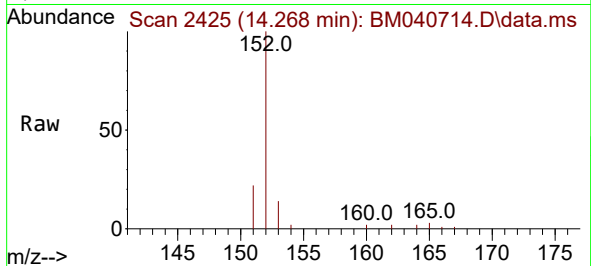




#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.268 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

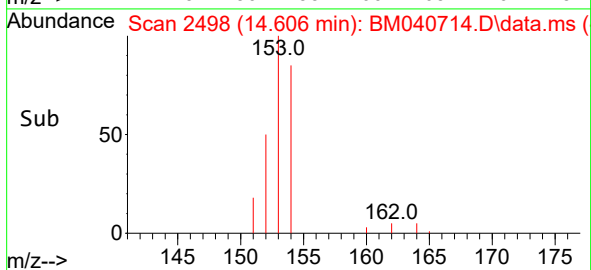
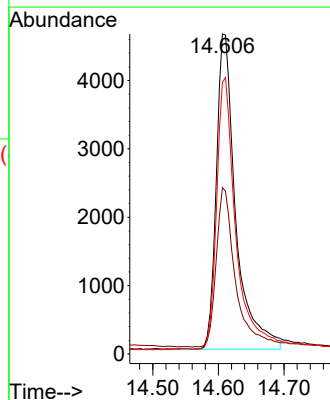
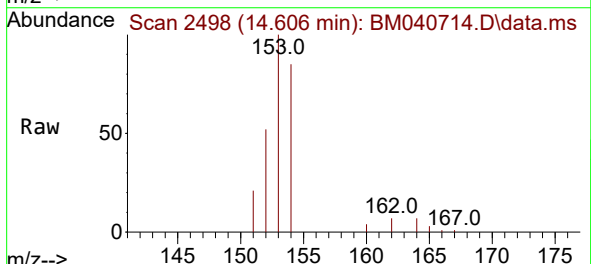
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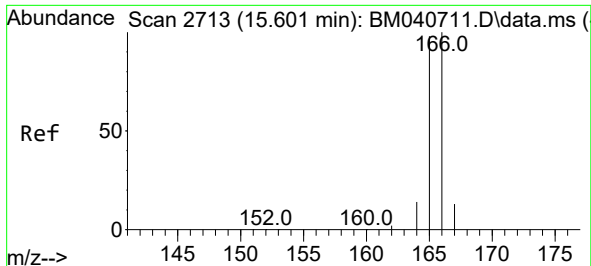
Tgt Ion:152 Resp: 11023
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.2
153 14.1 10.9 16.3



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.606 min Scan# 2498
Delta R.T. -0.005 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

Tgt Ion:153 Resp: 9487
Ion Ratio Lower Upper
153 100
152 51.9 41.0 61.4
154 84.9 70.8 106.2

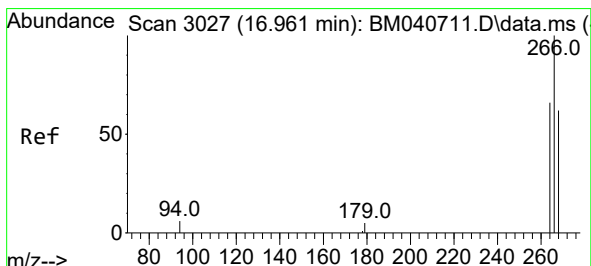
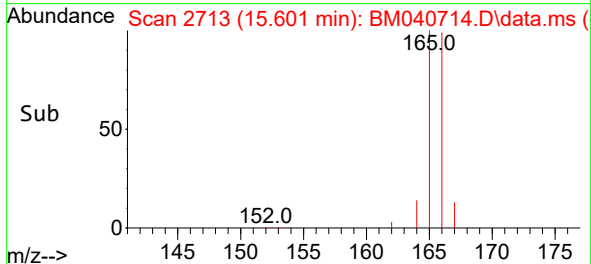
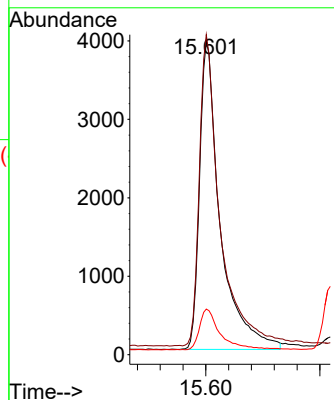
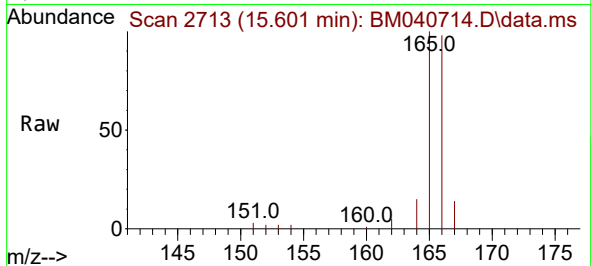




#12
Fluorene
Concen: 0.291 ng/ul
RT: 15.601 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

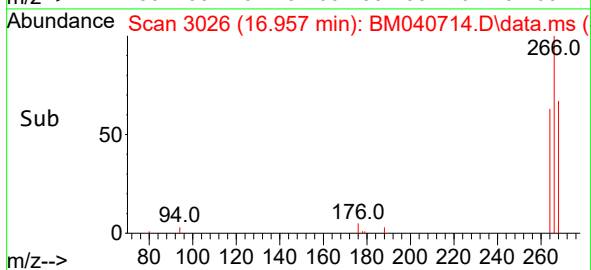
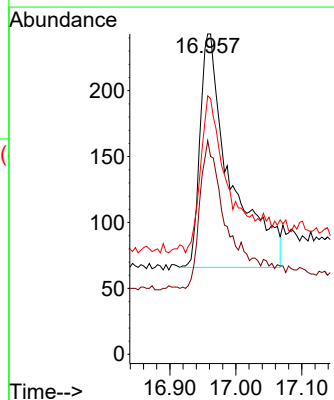
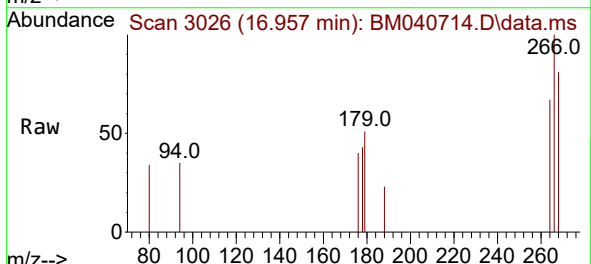
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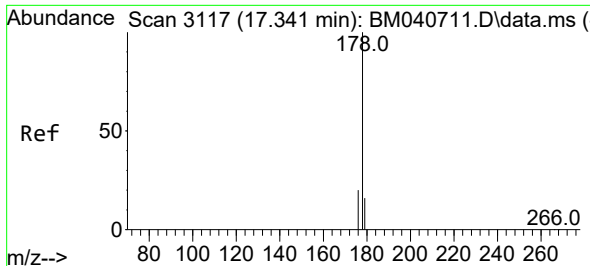
Tgt Ion:166 Resp: 9880
Ion Ratio Lower Upper
166 100
165 102.0 79.6 119.4
167 14.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.208 ng/ul
RT: 16.957 min Scan# 3026
Delta R.T. 0.000 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

Tgt Ion:266 Resp: 569
Ion Ratio Lower Upper
266 100
264 62.4 45.4 68.0
268 69.2 47.2 70.8

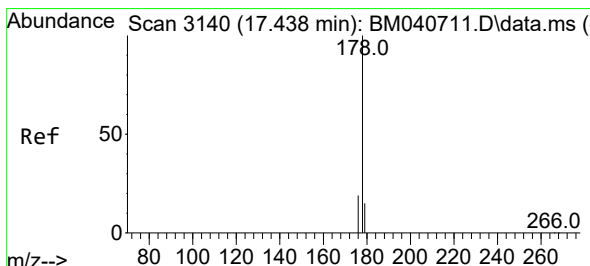
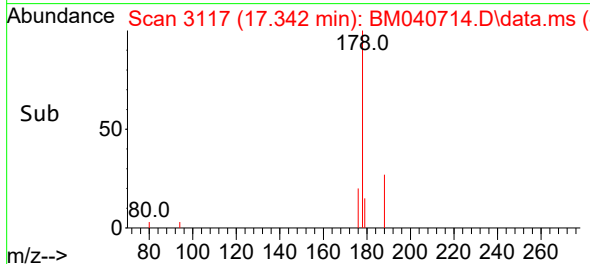
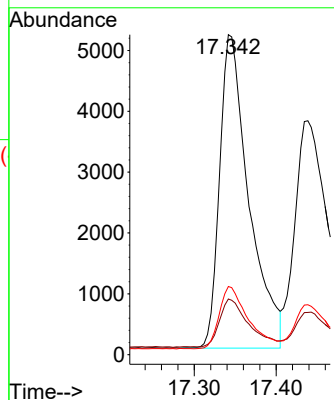
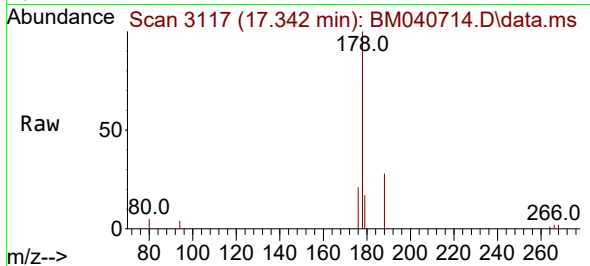




#15
Phenanthrene
Concen: 0.290 ng/ul
RT: 17.342 min Scan# 3117
Delta R.T. -0.004 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

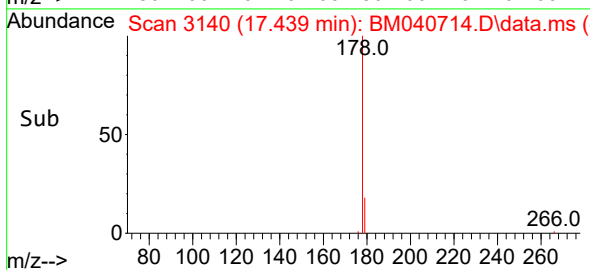
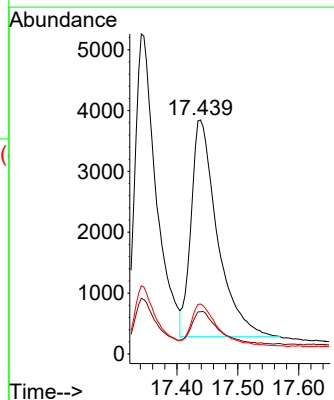
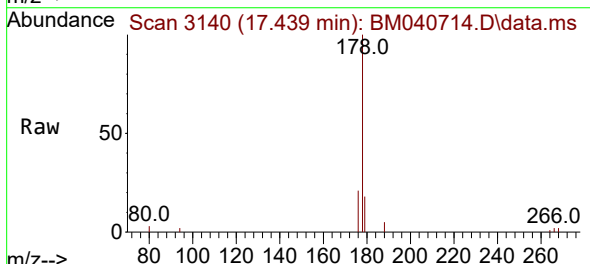
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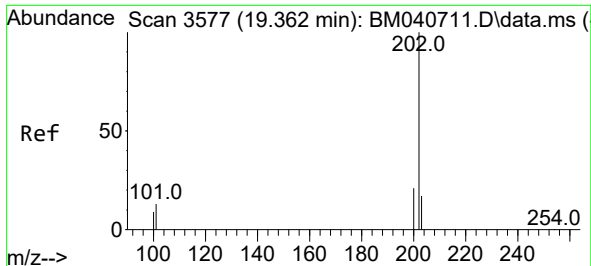
Tgt Ion:178	Resp:	12778
Ion Ratio	Lower	Upper
178	100	
179	17.4	12.8 19.2
176	21.3	16.4 24.6



#16
Anthracene
Concen: 0.289 ng/ul
RT: 17.439 min Scan# 3140
Delta R.T. 0.004 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

Tgt Ion:178	Resp:	10682
Ion Ratio	Lower	Upper
178	100	
179	18.1	12.9 19.3
176	21.4	15.8 23.6

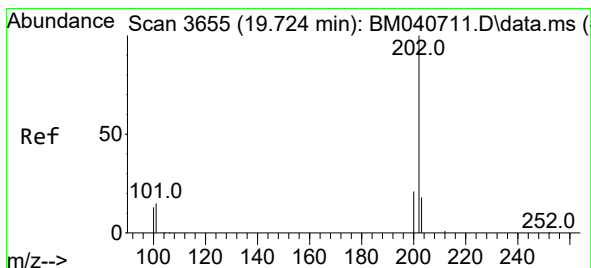
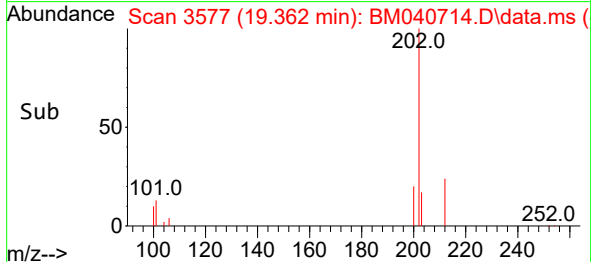
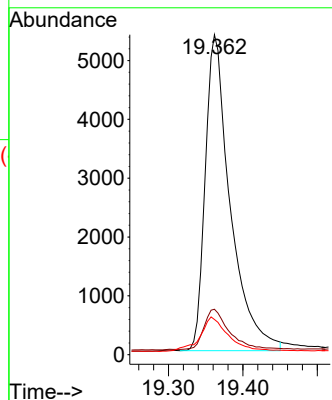
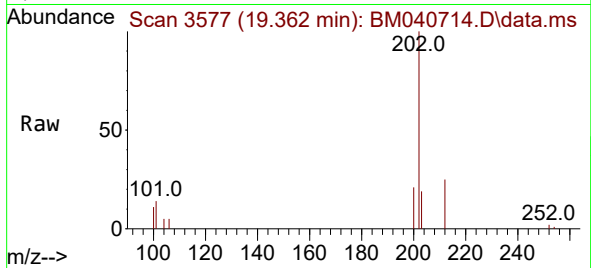




#19
Fluoranthene
Concen: 0.330 ng/ul
RT: 19.362 min Scan# 3577
Delta R.T. 0.000 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

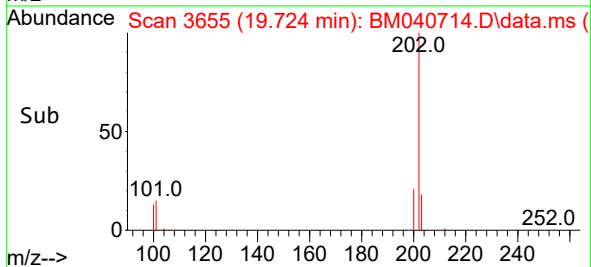
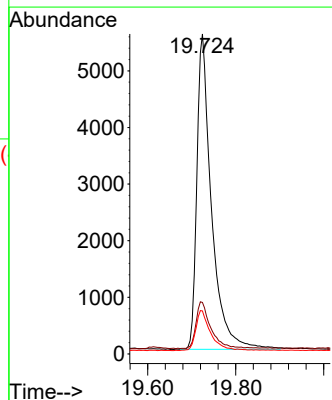
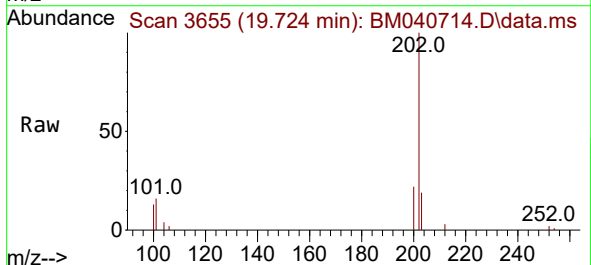
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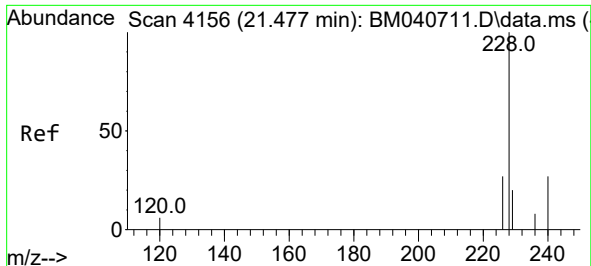
Tgt Ion:202 Resp: 12550
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.0 8.7 13.1



#20
Pyrene
Concen: 0.316 ng/ul
RT: 19.724 min Scan# 3655
Delta R.T. 0.005 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

Tgt Ion:202 Resp: 12863
Ion Ratio Lower Upper
202 100
101 16.1 12.6 18.8
100 13.4 9.8 14.6

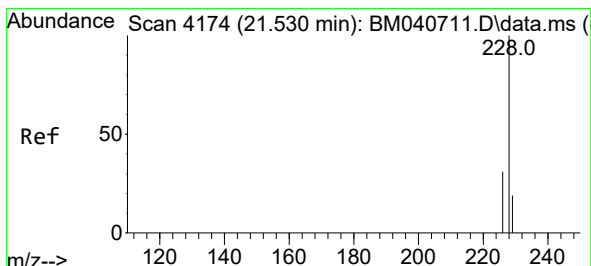
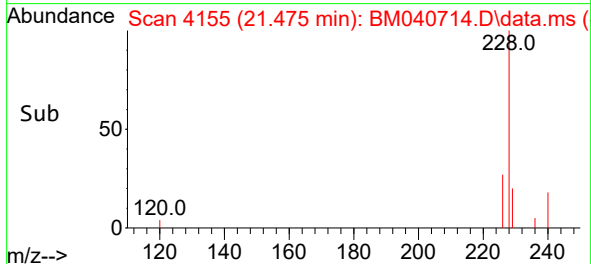
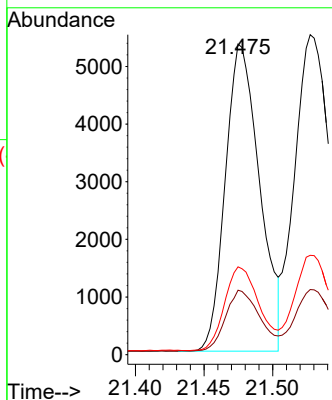
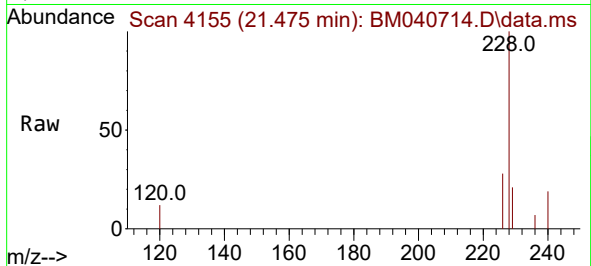




#21
Benzo(a)anthracene
Concen: 0.306 ng/ul
RT: 21.475 min Scan# 4156
Delta R.T. 0.006 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

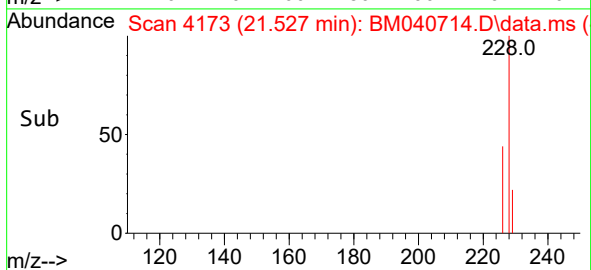
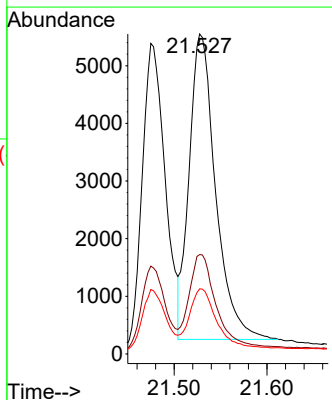
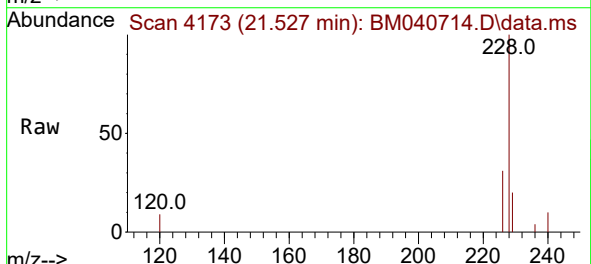
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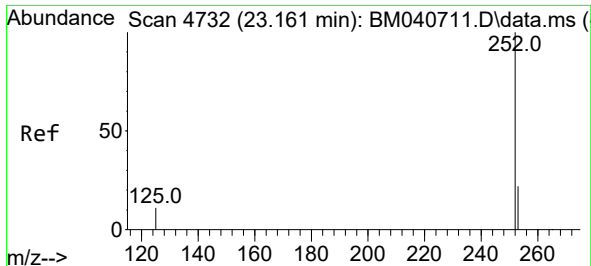
Tgt Ion:228 Resp: 9268
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.3 22.3 33.5



#22
Chrysene
Concen: 0.304 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. 0.006 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

Tgt Ion:228 Resp: 10511
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 20.3 15.8 23.6

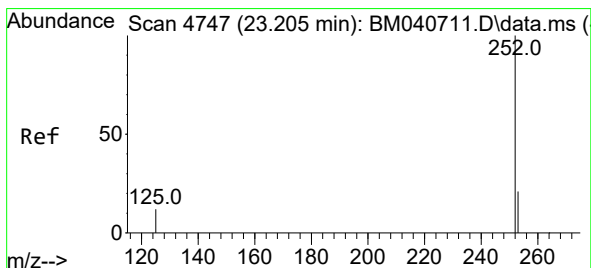
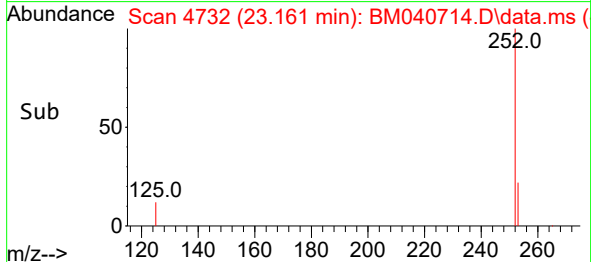
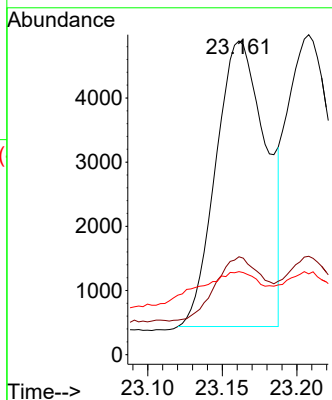
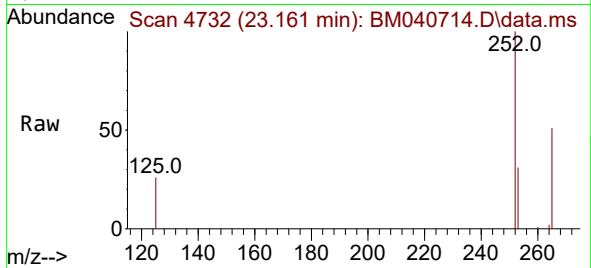




#24
Benzo(b)fluoranthene
Concen: 0.332 ng/ul
RT: 23.161 min Scan# 4732
Delta R.T. 0.009 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

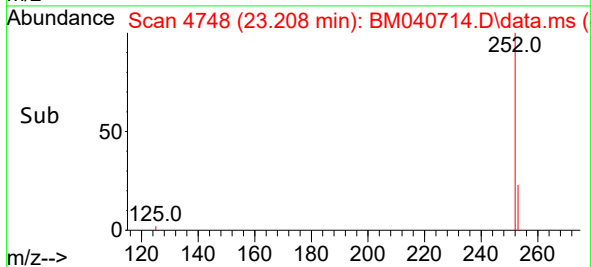
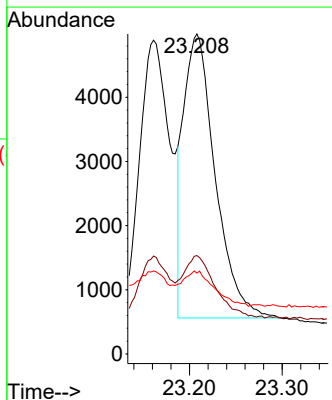
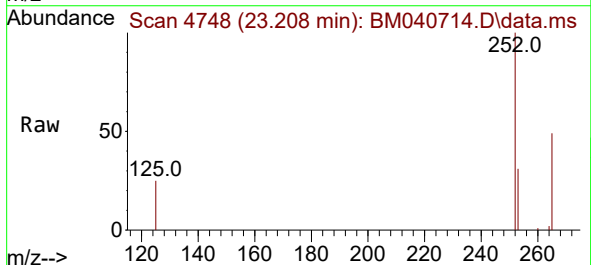
Instrument :
BNA_M
ClientSampleId :
SLCS640

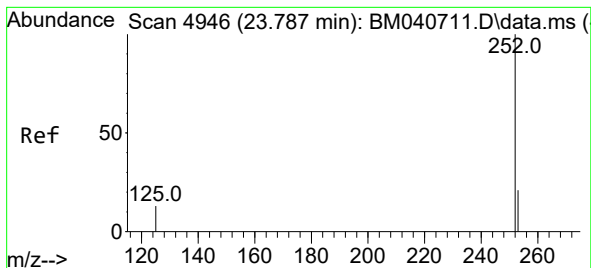
Tgt Ion:252 Resp: 10403
Ion Ratio Lower Upper
252 100
253 31.2 0.0 52.8
125 26.5 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul
RT: 23.208 min Scan# 4748
Delta R.T. 0.009 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

Tgt Ion:252 Resp: 10492
Ion Ratio Lower Upper
252 100
253 30.7 21.2 31.8
125 25.2 16.4 24.6#





#26

Benzo(a)pyrene

Concen: 0.311 ng/ul

RT: 23.787 min Scan# 4946

Delta R.T. 0.009 min

Lab File: BM040714.D

Acq: 07 Jul 2023 15:07

Instrument :

BNA_M

ClientSampleId :

SLCS640

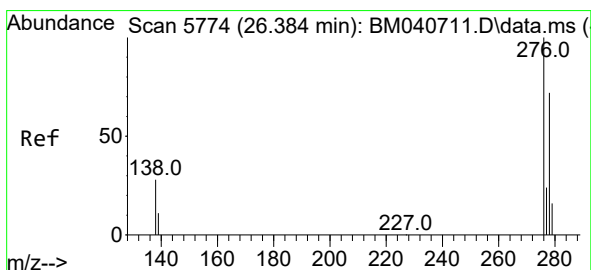
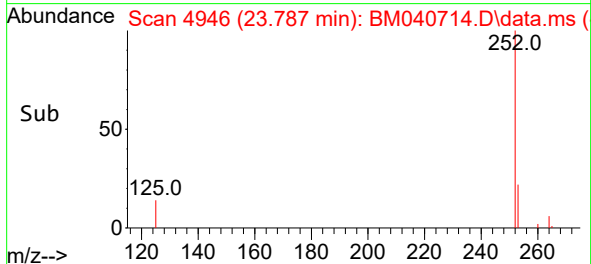
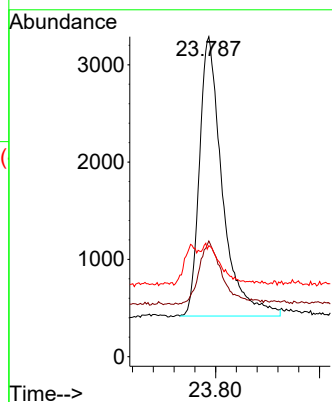
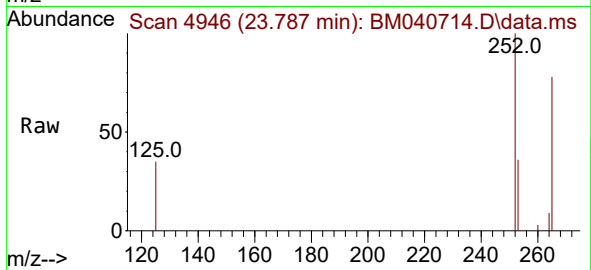
Tgt Ion:252 Resp: 8770

Ion Ratio Lower Upper

252 100

253 36.1 22.9 34.3#

125 34.7 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.300 ng/ul

RT: 26.391 min Scan# 5776

Delta R.T. 0.014 min

Lab File: BM040714.D

Acq: 07 Jul 2023 15:07

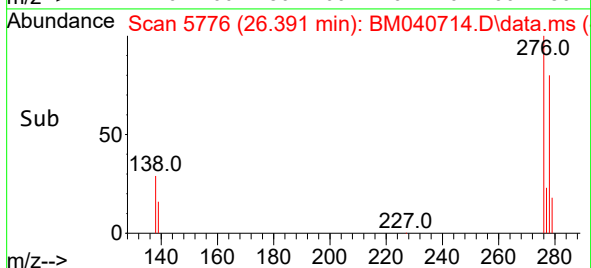
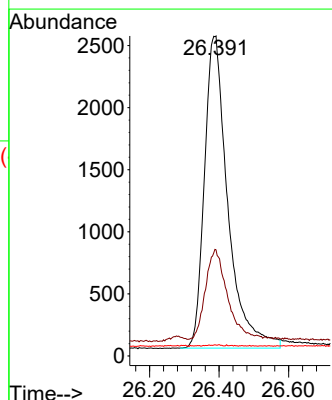
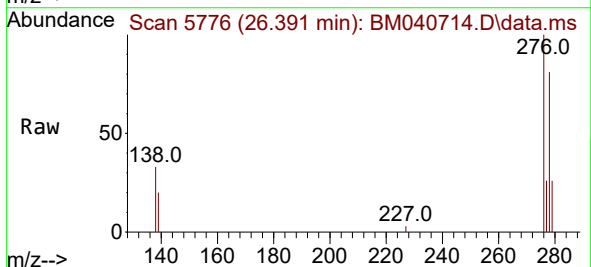
Tgt Ion:276 Resp: 11769

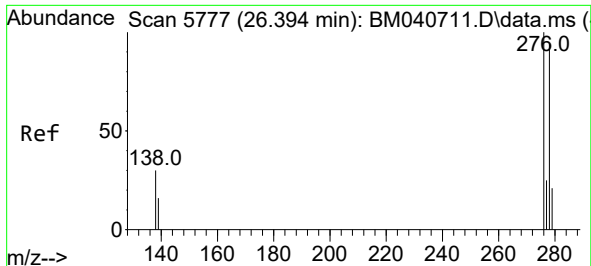
Ion Ratio Lower Upper

276 100

138 27.8 24.5 36.7

227 0.2 0.1 0.1#

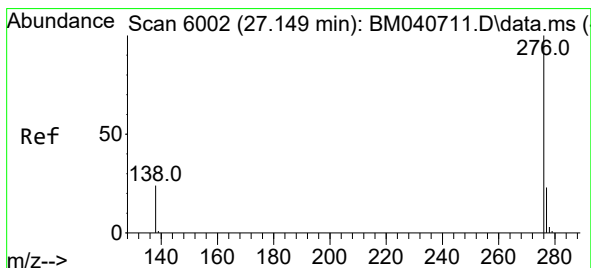
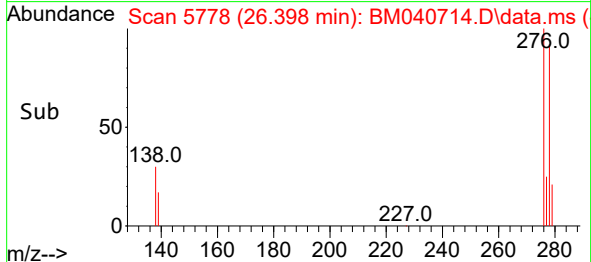
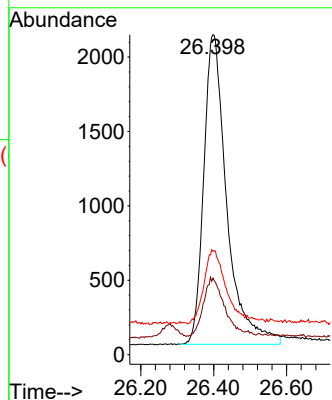
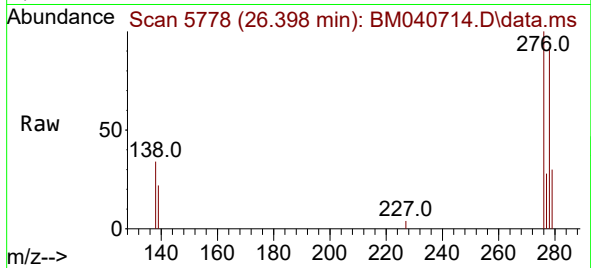




#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.398 min Scan# 51
Delta R.T. 0.014 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

Instrument :
BNA_M
ClientSampleId :
SLCS640

Tgt Ion:278 Resp: 9157
Ion Ratio Lower Upper
278 100
139 23.9 17.9 26.9
279 32.2 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 27.149 min Scan# 6002
Delta R.T. 0.010 min
Lab File: BM040714.D
Acq: 07 Jul 2023 15:07

Tgt Ion:276 Resp: 10681
Ion Ratio Lower Upper
276 100
138 30.0 23.0 34.6
277 27.4 20.3 30.5

