

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040872.D
 Acq On : 14 Jul 2023 10:38
 Operator : MA/JU
 Sample : PB153998BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS998

Quant Time: Jul 15 03:14:05 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 14 03:14:53 2023
 Response via : Initial Calibration

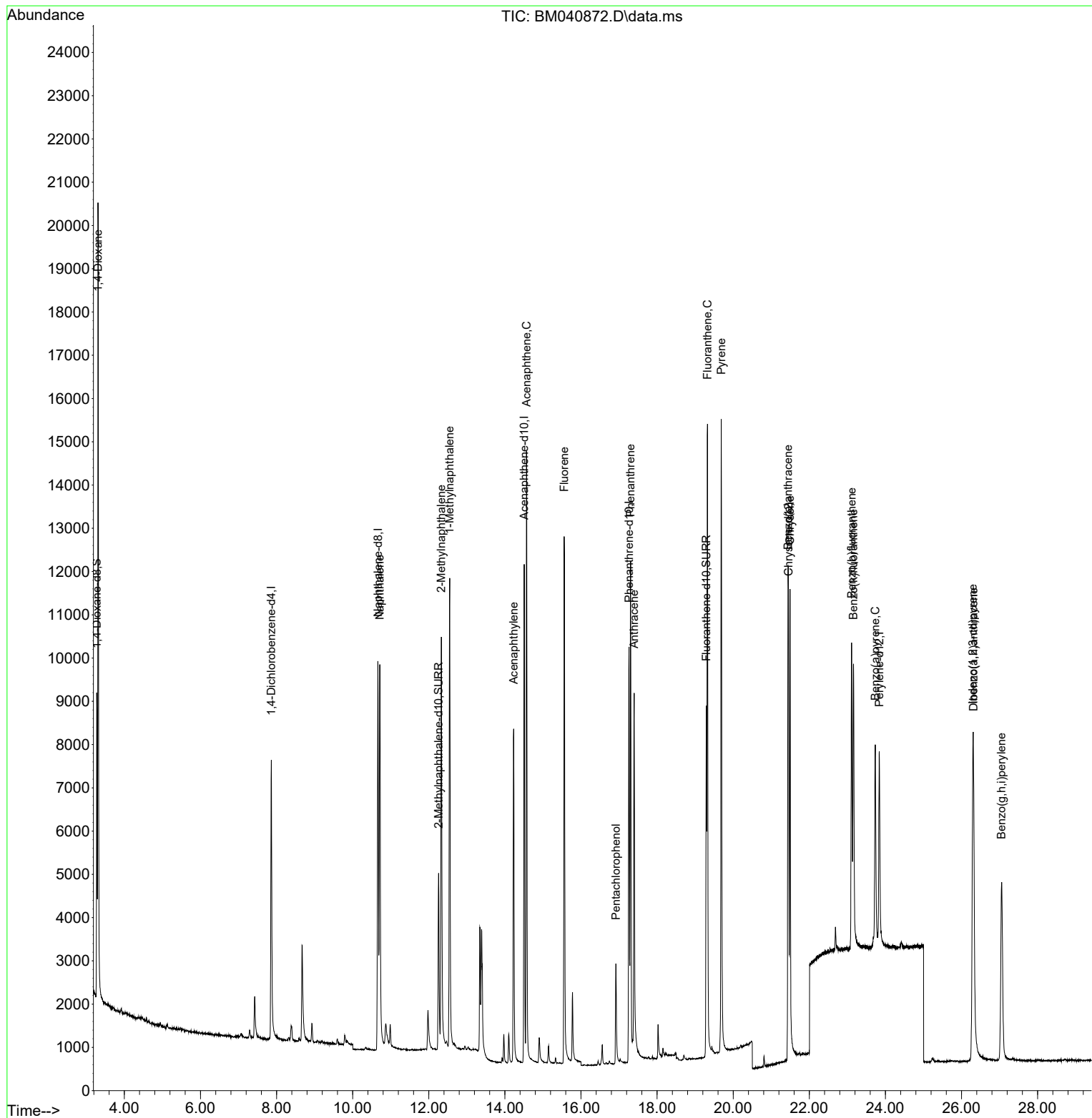
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	3913	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	13651	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	6347	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	11621	0.400	ng/ul	0.00
17) Chrysene-d12	21.454	240	7022	0.400	ng/ul	0.00
23) Perylene-d12	23.839	264	6718	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	3859	0.628	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.259	152	6323	0.330	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	8980	0.399	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.309	88	11103	1.775	ng/ul#	87
5) Naphthalene	10.713	128	13673	0.363	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	7825	0.354	ng/ul	100
8) 1-Methylnaphthalene	12.550	142	8048	0.364	ng/ul	99
10) Acenaphthylene	14.231	152	9674	0.341	ng/ul	99
11) Acenaphthene	14.569	153	8361	0.349	ng/ul	98
12) Fluorene	15.559	166	8560	0.335	ng/ul	100
14) Pentachlorophenol	16.919	266	1887	0.843	ng/ul	91
15) Phenanthrene	17.303	178	12639	0.350	ng/ul	100
16) Anthracene	17.396	178	10270	0.339	ng/ul	99
19) Fluoranthene	19.325	202	12591	0.422	ng/ul	100
20) Pyrene	19.687	202	12739	0.398	ng/ul	99
21) Benzo(a)anthracene	21.440	228	9137	0.385	ng/ul	100
22) Chrysene	21.492	228	9788	0.361	ng/ul	99
24) Benzo(b)fluoranthene	23.111	252	9562	0.368	ng/ul	98
25) Benzo(k)fluoranthene	23.161	252	9277	0.362	ng/ul	96
26) Benzo(a)pyrene	23.734	252	8099	0.346	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.297	276	11215	0.344	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.314	278	8990	0.352	ng/ul	98
29) Benzo(g,h,i)perylene	27.052	276	9629	0.337	ng/ul	98

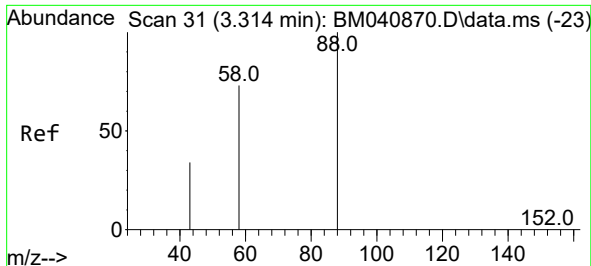
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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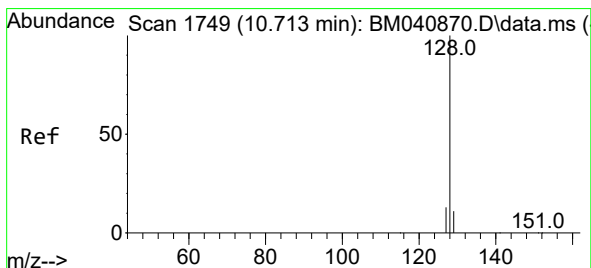
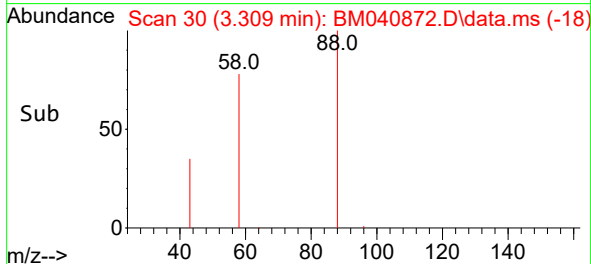
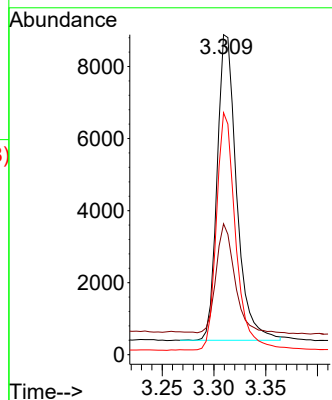
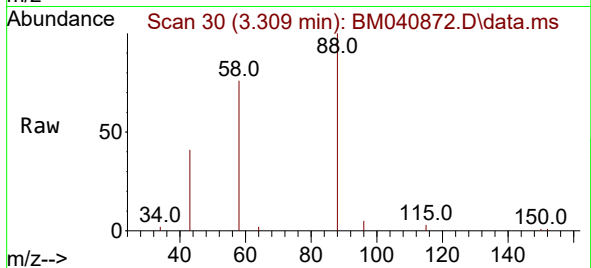




#2
1,4-Dioxane
Concen: 1.775 ng/ul
RT: 3.309 min Scan# 30
Delta R.T. -0.008 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

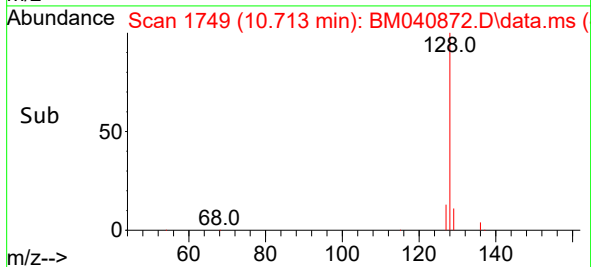
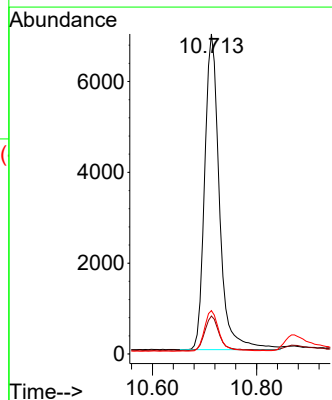
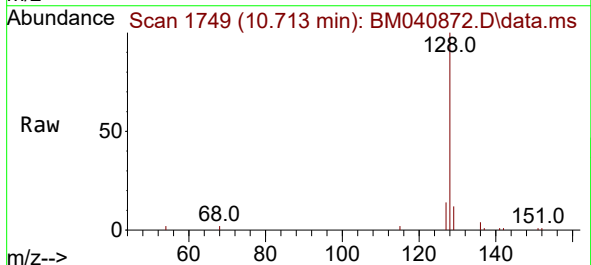
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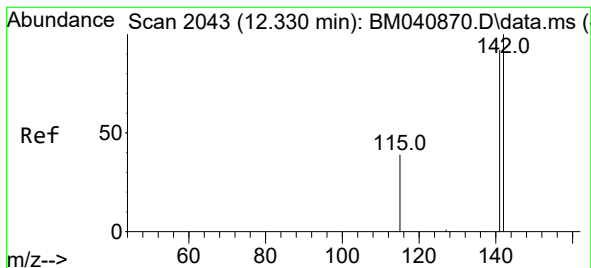
Tgt Ion: 88 Resp: 11103
Ion Ratio Lower Upper
88 100
43 40.9 36.1 54.1
58 75.6 49.8 74.8#



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

Tgt Ion:128 Resp: 13673
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.6 10.6 15.8

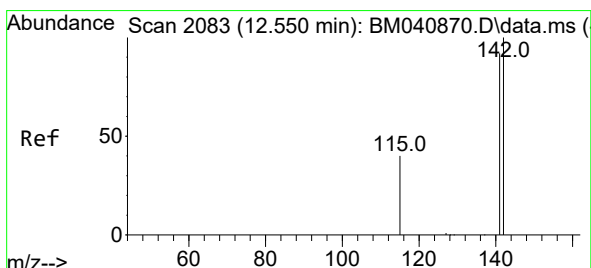
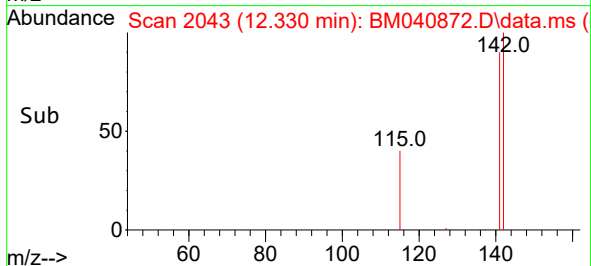
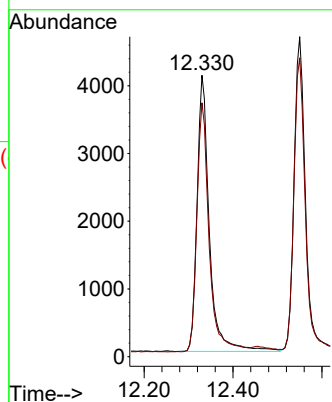
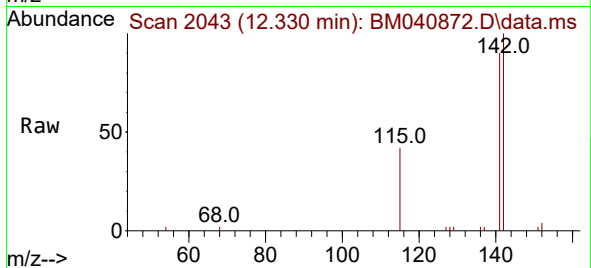




#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.011 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

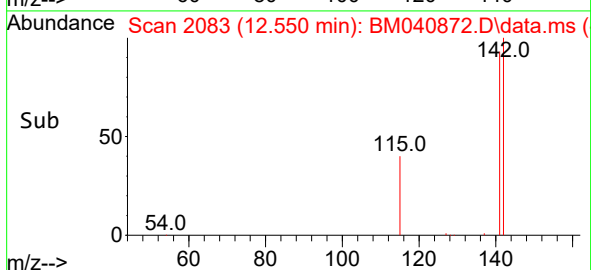
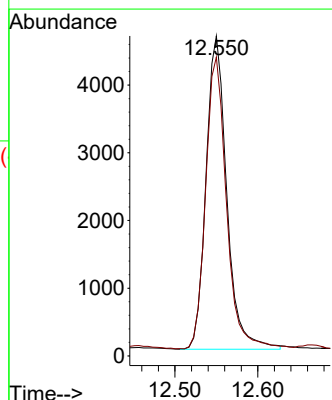
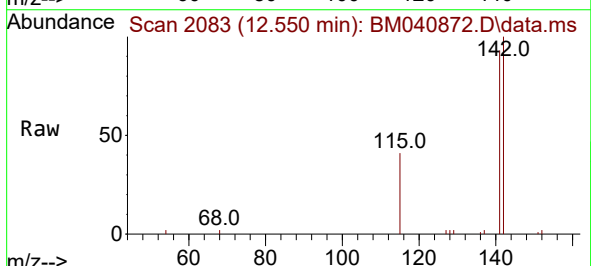
Instrument :
BNA_M
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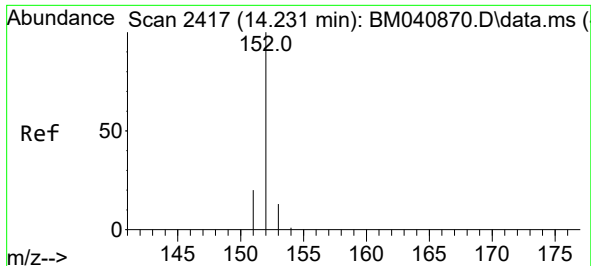
Tgt Ion:142 Resp: 7825
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

Tgt Ion:142 Resp: 8048
Ion Ratio Lower Upper
142 100
141 93.1 73.7 110.5

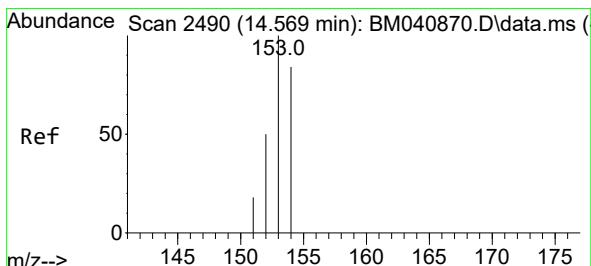
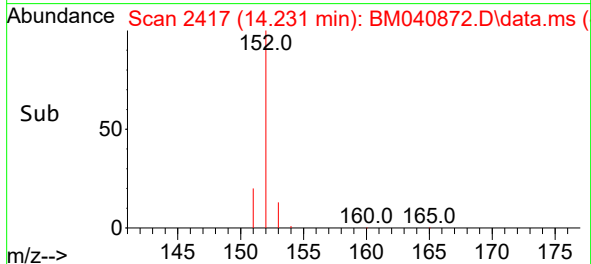
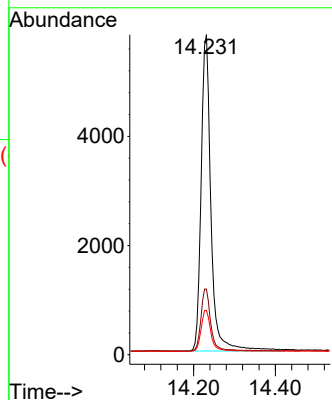
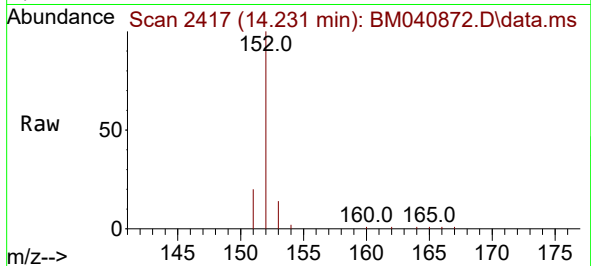




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

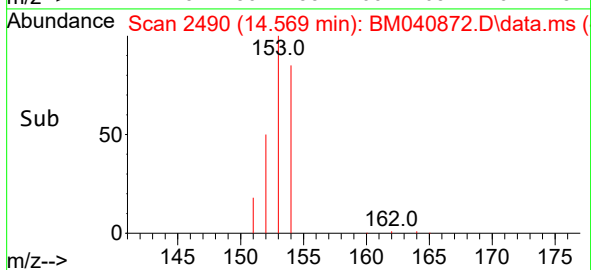
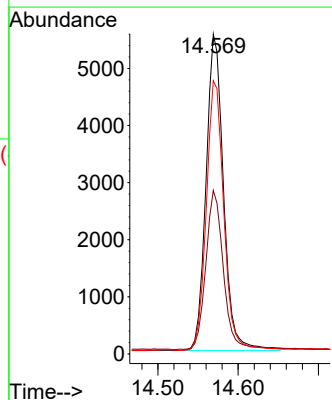
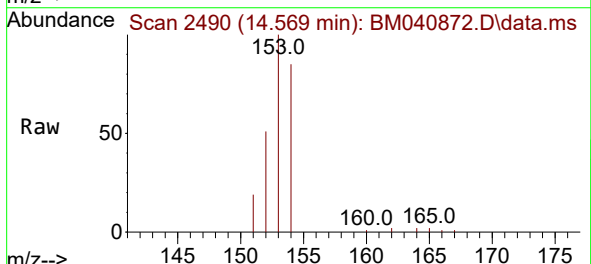
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BNA_M
ClientSampleId :
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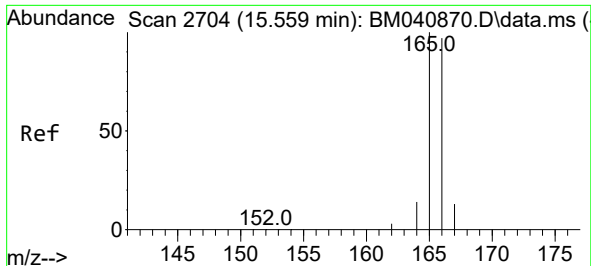
Tgt Ion:152 Resp: 9674
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. -0.004 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

Tgt Ion:153 Resp: 8361
Ion Ratio Lower Upper
153 100
152 51.1 41.0 61.4
154 85.4 70.8 106.2

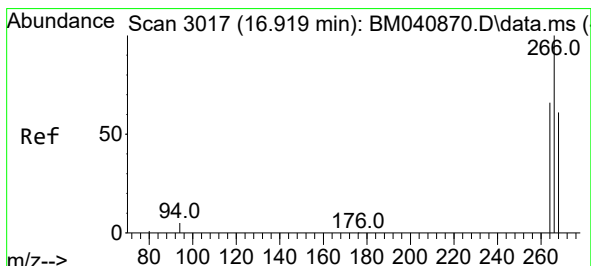
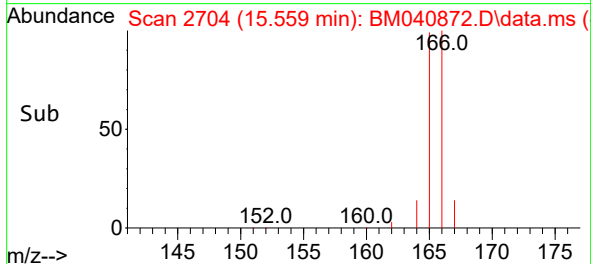
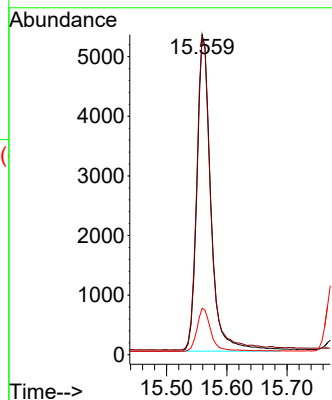
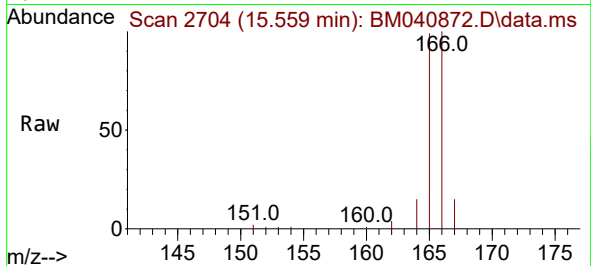




#12
Fluorene
Concen: 0.335 ng/ul
RT: 15.559 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

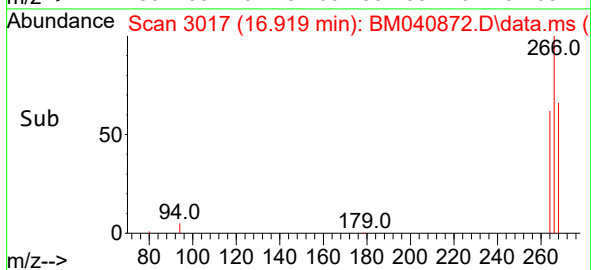
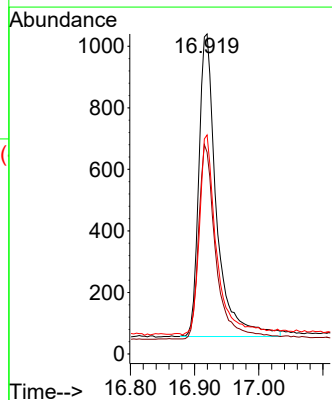
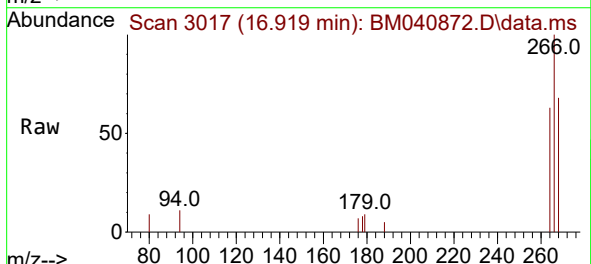
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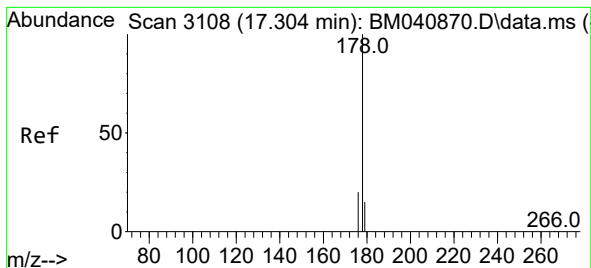
Tgt Ion:166 Resp: 8560
Ion Ratio Lower Upper
166 100
165 99.1 79.6 119.4
167 14.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.843 ng/ul
RT: 16.919 min Scan# 3017
Delta R.T. -0.008 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

Tgt Ion:266 Resp: 1887
Ion Ratio Lower Upper
266 100
264 63.2 45.4 68.0
268 65.2 47.2 70.8





#15

Phenanthrene

Concen: 0.350 ng/ul

RT: 17.303 min Scan# 3108

Delta R.T. -0.004 min

Lab File: BM040872.D

Acq: 14 Jul 2023 10:38

Instrument :

BNA_M

ClientSampleId :

SLCS998

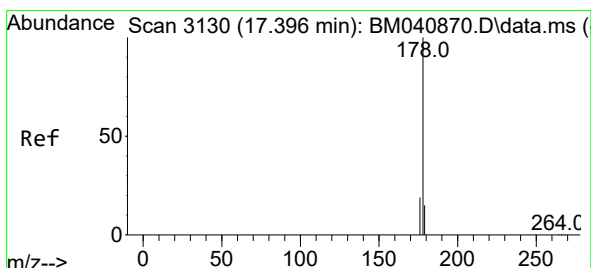
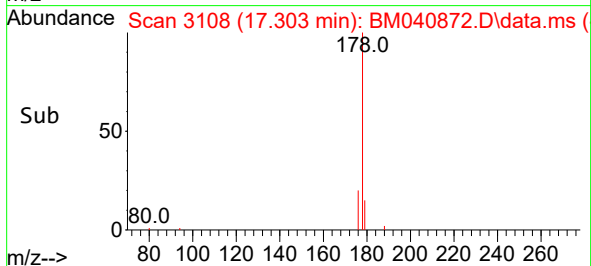
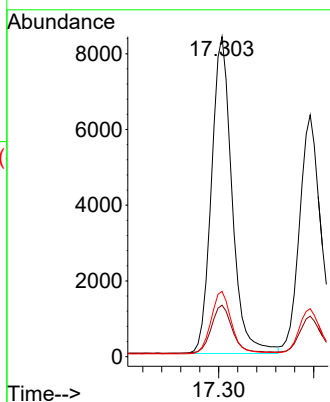
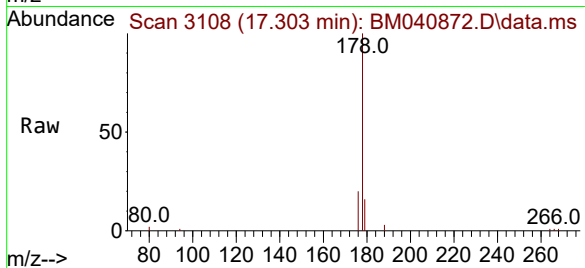
Tgt Ion:178 Resp: 12639

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

176 20.4 16.4 24.6



#16

Anthracene

Concen: 0.339 ng/ul

RT: 17.396 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BM040872.D

Acq: 14 Jul 2023 10:38

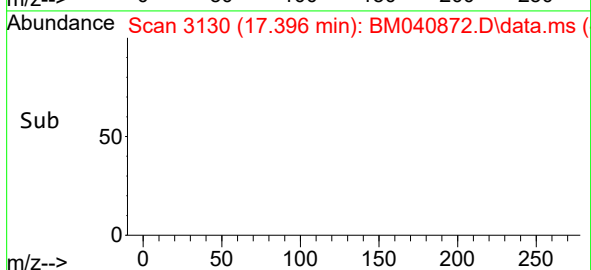
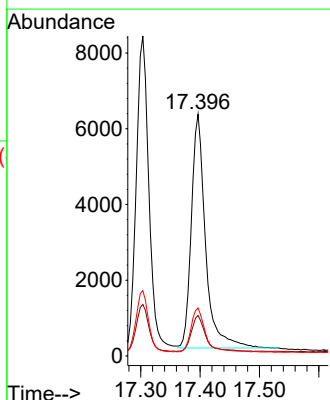
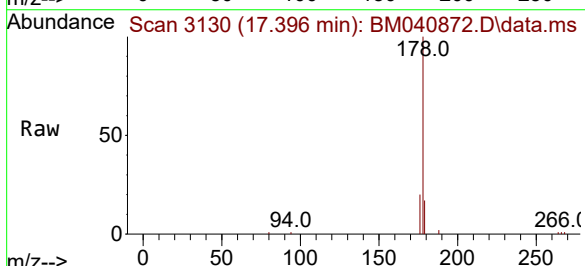
Tgt Ion:178 Resp: 10270

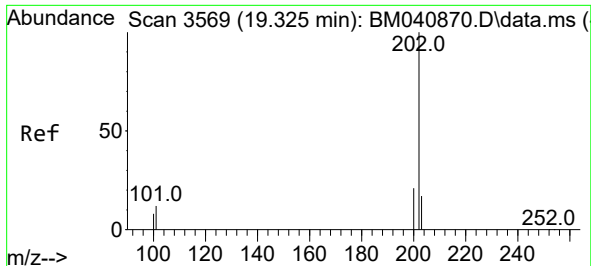
Ion Ratio Lower Upper

178 100

179 16.8 12.9 19.3

176 19.9 15.8 23.6

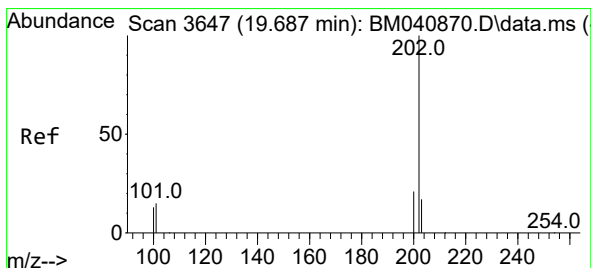
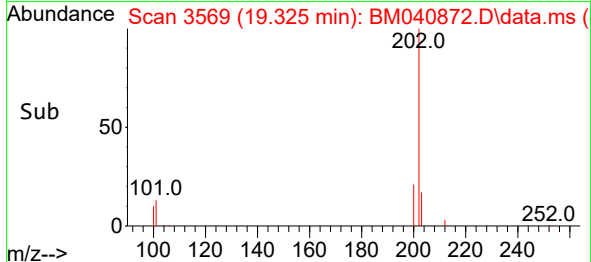
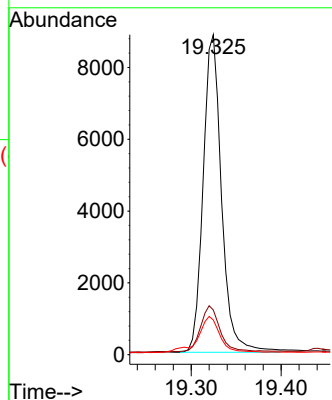
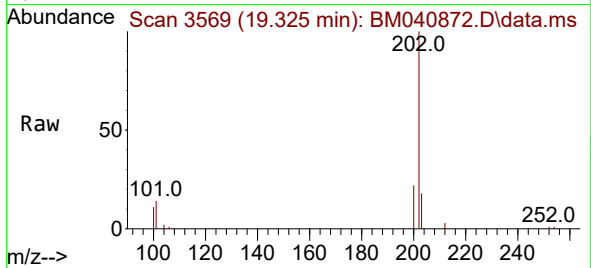




#19
Fluoranthene
Concen: 0.422 ng/ul
RT: 19.325 min Scan# 3569
Delta R.T. -0.004 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

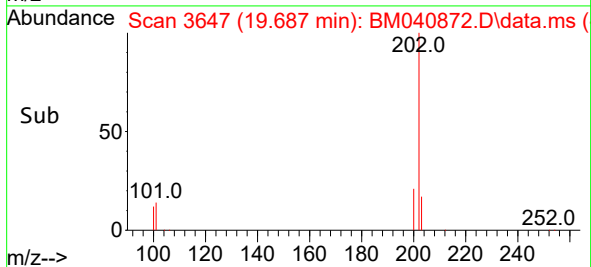
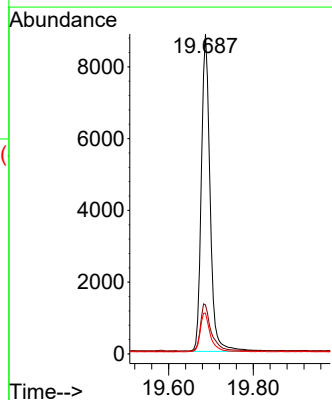
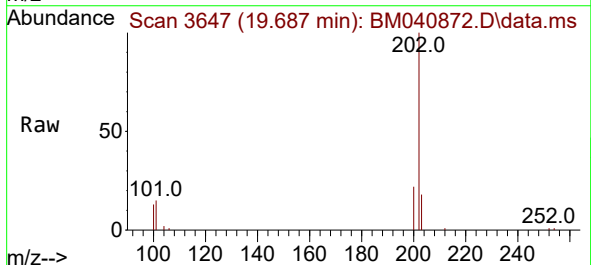
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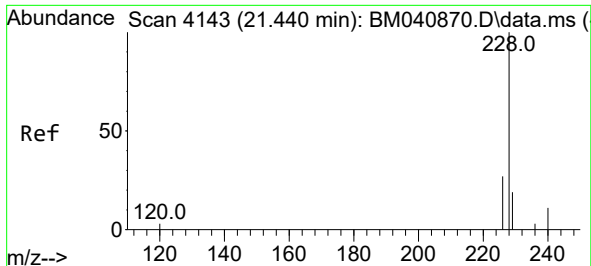
Tgt Ion:202 Resp: 12591
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.0
100 10.9 8.7 13.1



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. -0.004 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

Tgt Ion:202 Resp: 12739
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.8 9.8 14.6

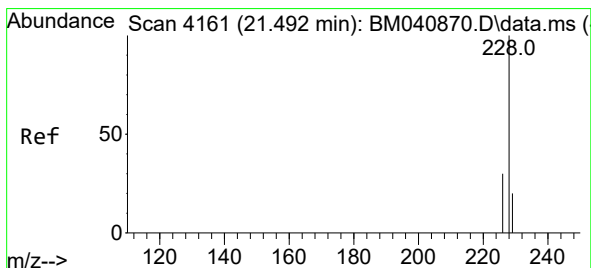
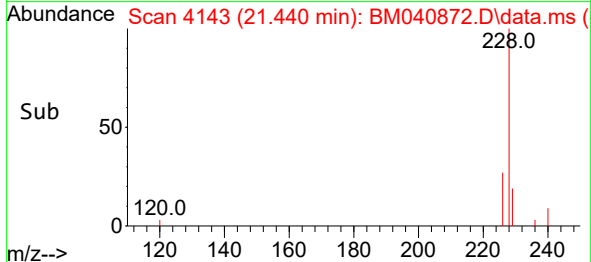
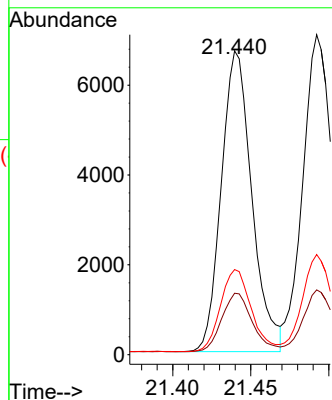
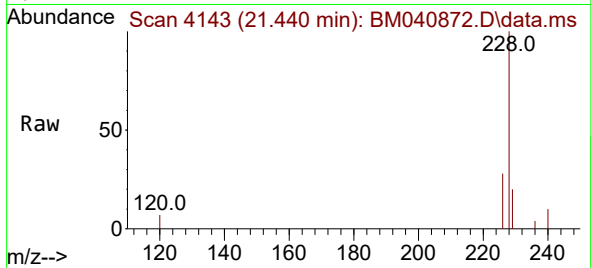




#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.440 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

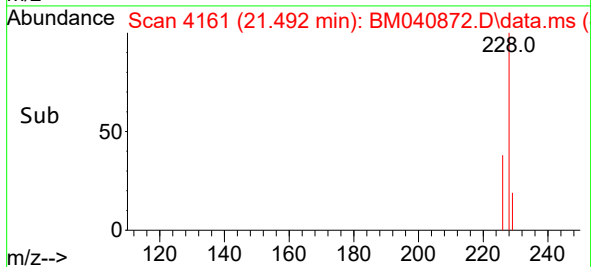
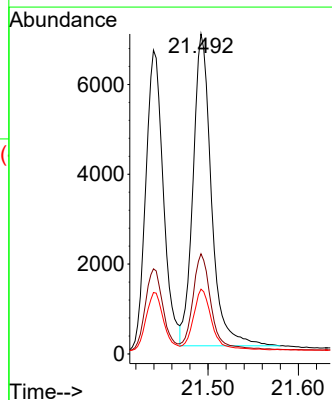
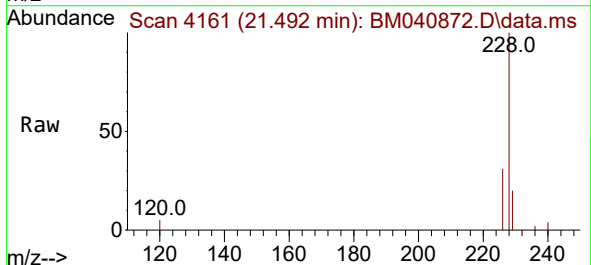
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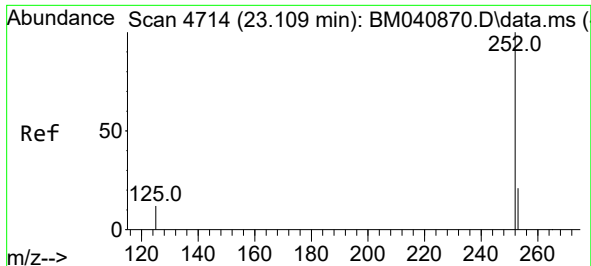
Tgt Ion:228 Resp: 9137
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 28.0 22.3 33.5



#22
Chrysene
Concen: 0.361 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.006 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

Tgt Ion:228 Resp: 9788
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 20.3 15.8 23.6

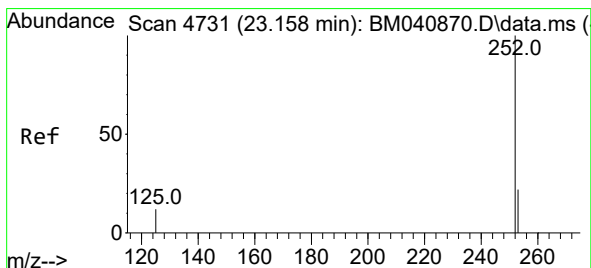
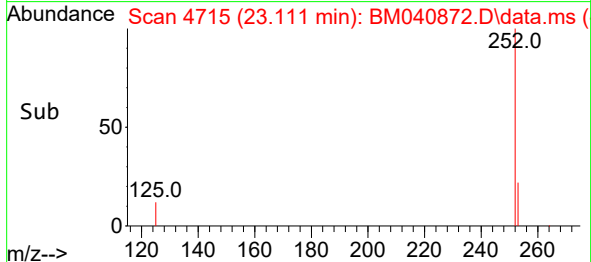
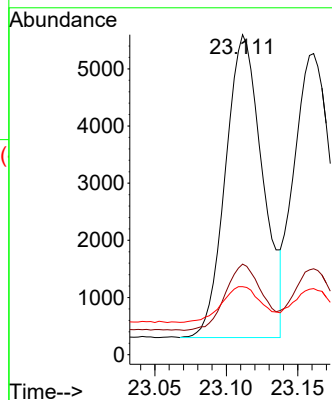
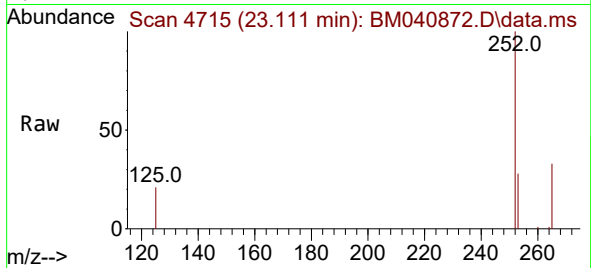




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 23.111 min Scan# 4715
Delta R.T. -0.009 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

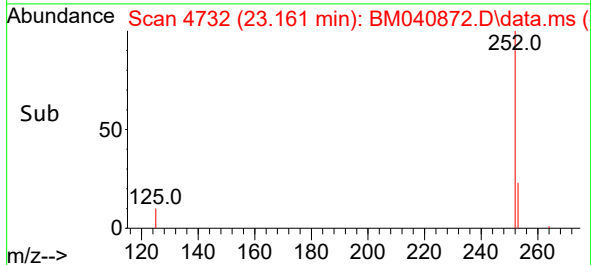
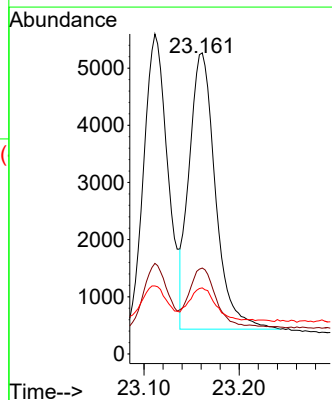
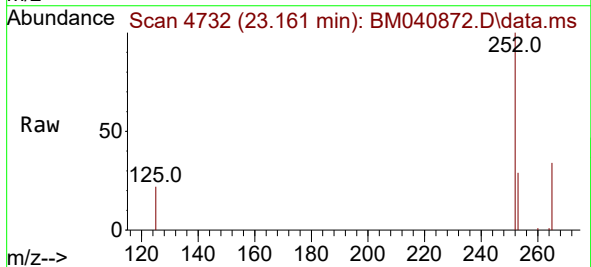
Instrument :
BNA_M
ClientSampleId :
SLCS998

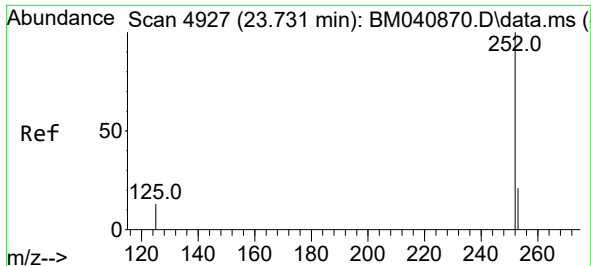
Tgt Ion:252 Resp: 9562
Ion Ratio Lower Upper
252 100
253 28.3 0.0 52.8
125 21.3 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 23.161 min Scan# 4732
Delta R.T. -0.006 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

Tgt Ion:252 Resp: 9277
Ion Ratio Lower Upper
252 100
253 28.5 21.2 31.8
125 21.9 16.4 24.6

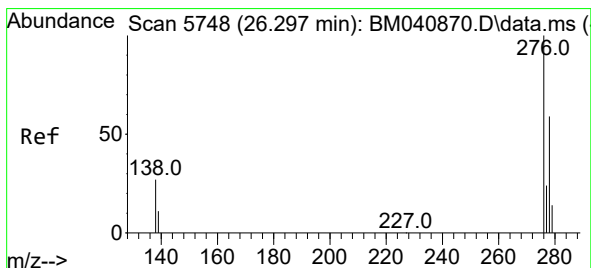
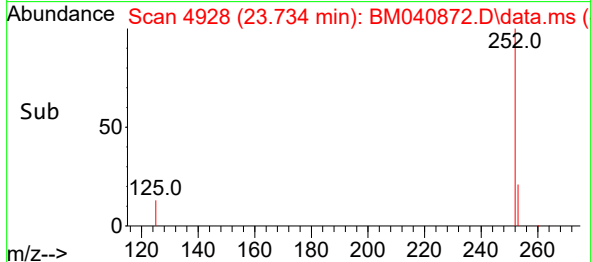
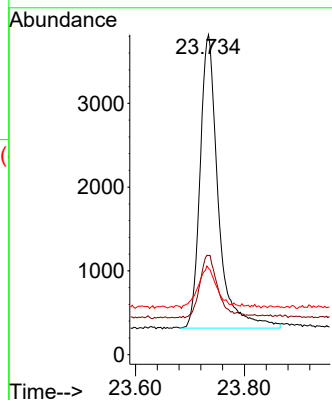
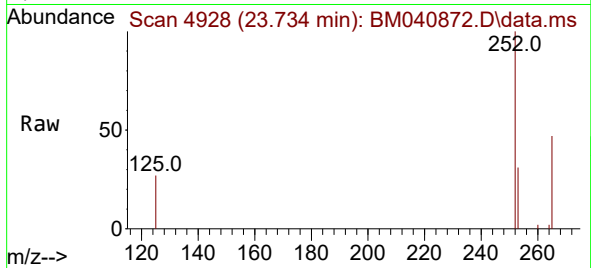




#26
Benzo(a)pyrene
Concen: 0.346 ng/ul
RT: 23.734 min Scan# 4927
Delta R.T. -0.006 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

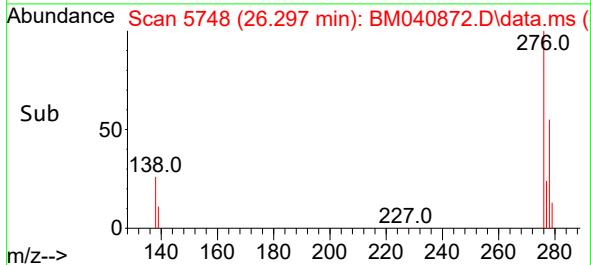
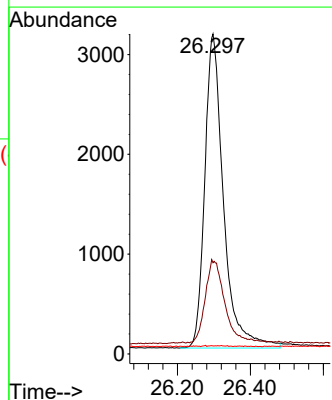
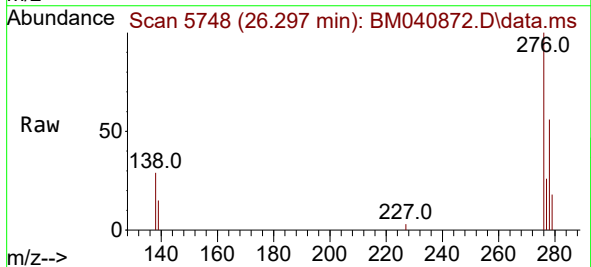
Instrument :
BNA_M
ClientSampleId :
SLCS998

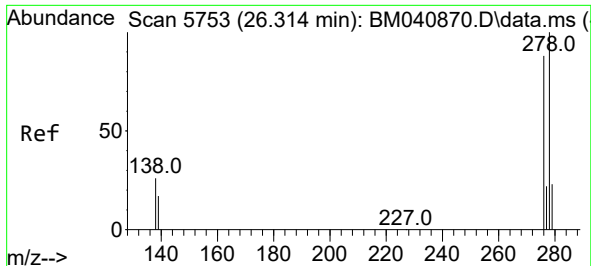
Tgt Ion:252 Resp: 8099
Ion Ratio Lower Upper
252 100
253 31.0 22.9 34.3
125 27.0 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng/ul
RT: 26.297 min Scan# 5748
Delta R.T. -0.010 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

Tgt Ion:276 Resp: 11215
Ion Ratio Lower Upper
276 100
138 27.8 24.5 36.7
227 0.0 0.1 0.1#

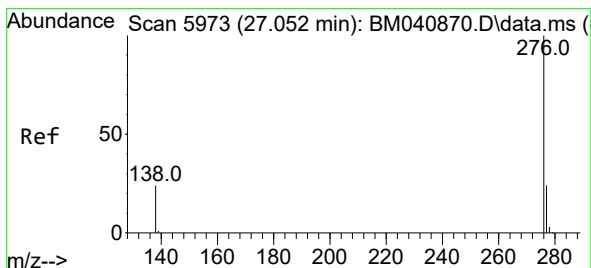
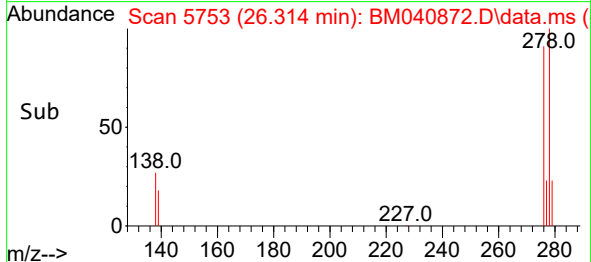
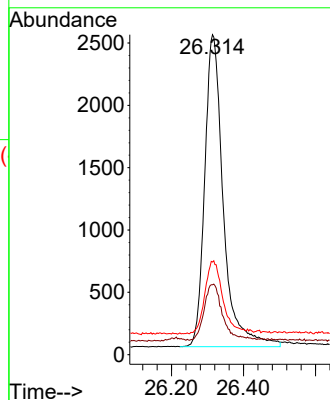
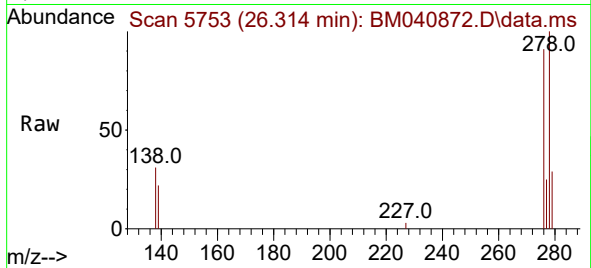




#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 26.314 min Scan# 5753
Delta R.T. -0.013 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

Instrument :
BNA_M
ClientSampleId :
SLCS998

Tgt Ion:278 Resp: 8990
Ion Ratio Lower Upper
278 100
139 21.9 17.9 26.9
279 28.9 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 27.052 min Scan# 5973
Delta R.T. -0.017 min
Lab File: BM040872.D
Acq: 14 Jul 2023 10:38

Tgt Ion:276 Resp: 9629
Ion Ratio Lower Upper
276 100
138 27.0 23.0 34.6
277 25.6 20.3 30.5

