

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040767.D
 Acq On : 09 Jul 2023 08:54
 Operator : MA/JU
 Sample : PB153891BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS891

Quant Time: Jul 09 14:31:16 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 : Sun Jul 09 14:07:58 2023
 Response via : Initial Calibration

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

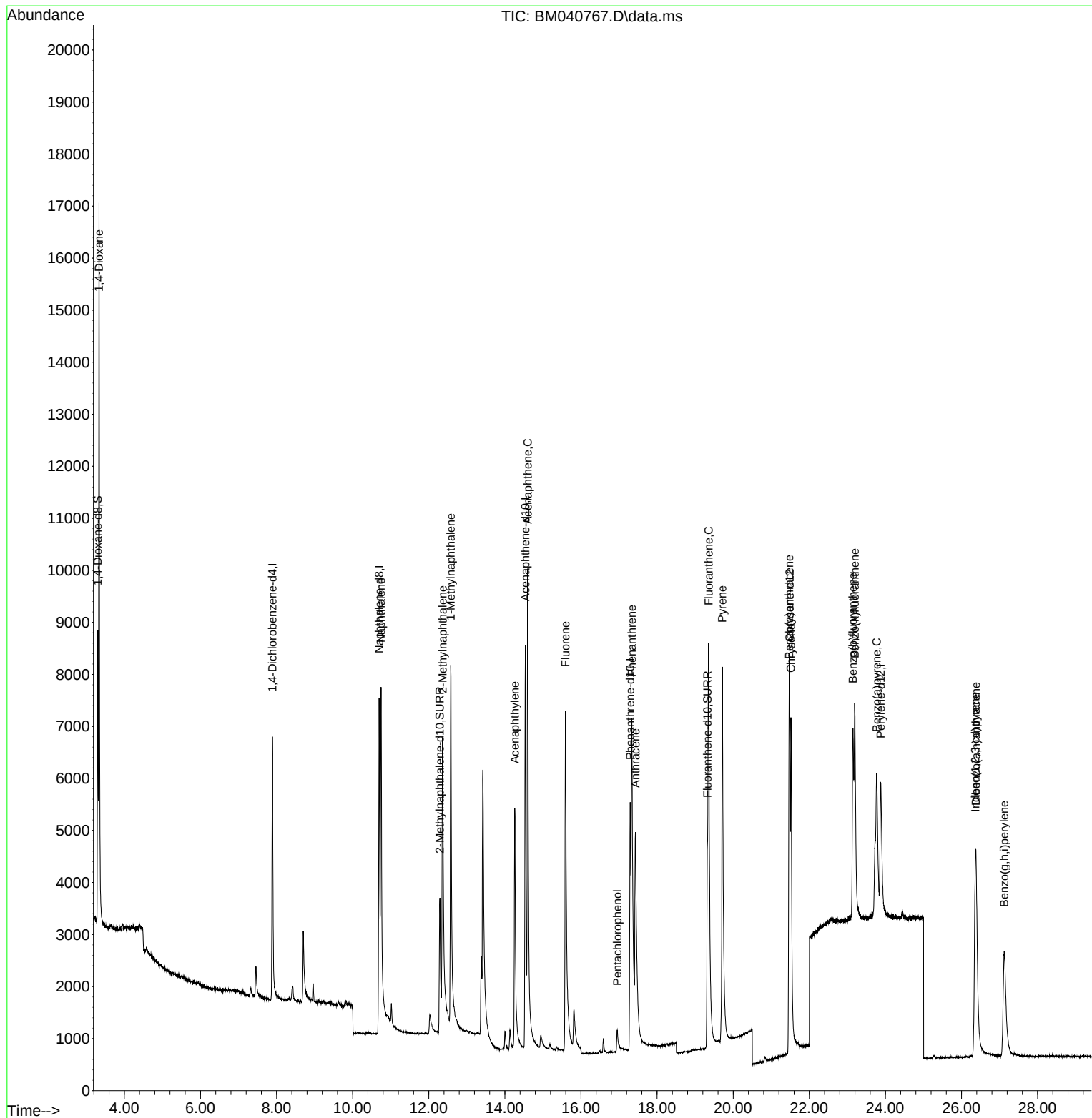
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	3291	0.400	ng/ul	0.00
4) Naphthalene-d8	10.696	136	12372	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.536	164	5622	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	9827	0.400	ng/ul	0.00
17) Chrysene-d12	21.483	240	6169	0.400	ng/ul	0.00
23) Perylene-d12	23.880	264	5069	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	3521	0.681	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	5900	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.324	212	7916	0.400	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	8808	1.674	ng/ul	90
5) Naphthalene	10.746	128	11737	0.344	ng/ul	98
7) 2-Methylnaphthalene	12.363	142	6867	0.343	ng/ul	98
8) 1-Methylnaphthalene	12.577	142	6420	0.321	ng/ul	98
10) Acenaphthylene	14.259	152	8597	0.342	ng/ul	96
11) Acenaphthene	14.601	153	7248	0.342	ng/ul	99
12) Fluorene	15.591	166	7709	0.340	ng/ul	97
14) Pentachlorophenol	16.953	266	587	0.310	ng/ul	96
15) Phenanthrene	17.337	178	10184	0.334	ng/ul	97
16) Anthracene	17.430	178	9024	0.352	ng/ul	94
19) Fluoranthene	19.352	202	10134	0.387	ng/ul	98
20) Pyrene	19.715	202	10712	0.381	ng/ul	97
21) Benzo(a)anthracene	21.469	228	6867	0.329	ng/ul	99
22) Chrysene	21.518	228	8216	0.345	ng/ul	98
24) Benzo(b)fluoranthene	23.146	252	7095	0.362	ng/ul	86
25) Benzo(k)fluoranthene	23.193	252	7513	0.389	ng/ul#	88
26) Benzo(a)pyrene	23.772	252	6247	0.354	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.364	276	8034	0.326	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.377	278	6291	0.326	ng/ul#	90
29) Benzo(g,h,i)perylene	27.122	276	7365	0.341	ng/ul	93

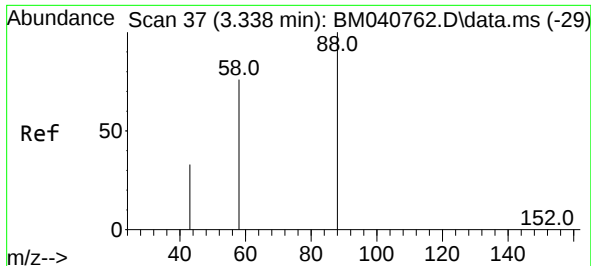
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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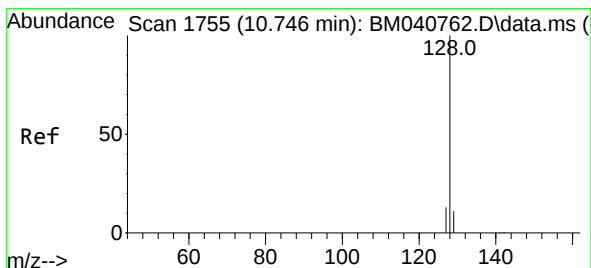
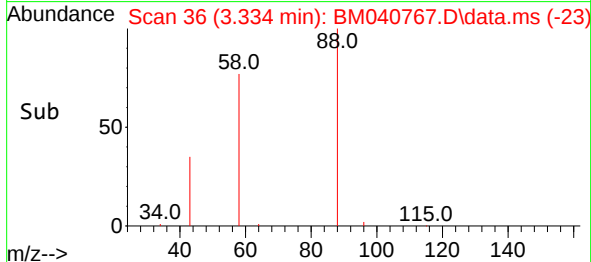
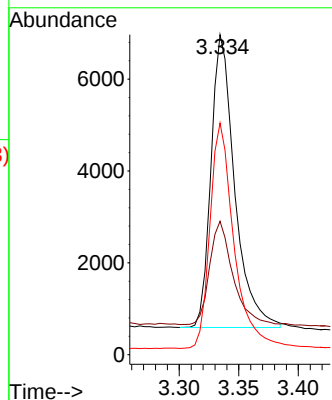
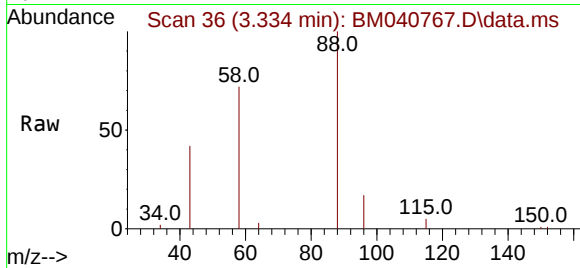




#2
1,4-Dioxane
Concen: 1.674 ng/ul
RT: 3.334 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

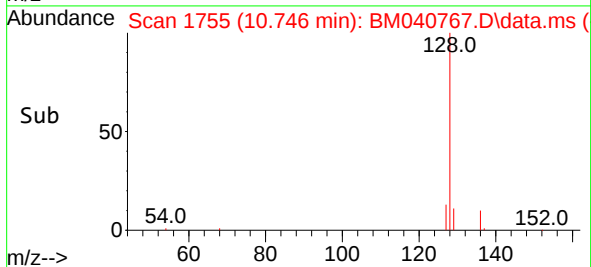
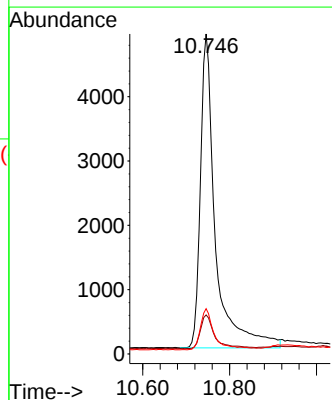
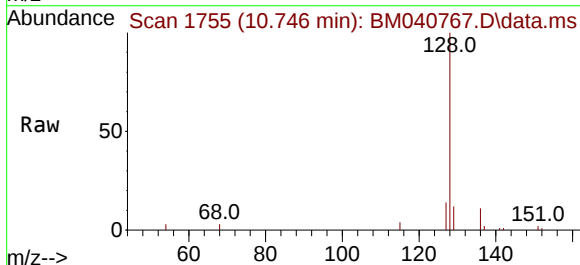
Instrument :
BNA_M
ClientSampleId :
SLCS891

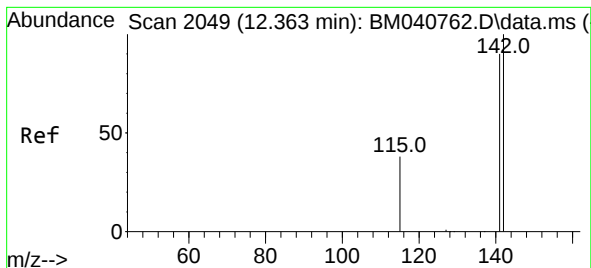
Tgt Ion: 88 Resp: 8808
Ion Ratio Lower Upper
88 100
43 41.7 36.1 54.1
58 72.4 49.8 74.8



#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.746 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

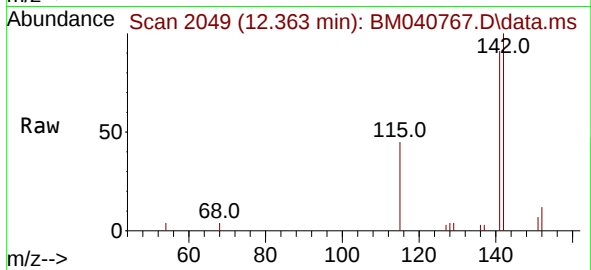
Tgt Ion: 128 Resp: 11737
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 14.1 10.6 15.8



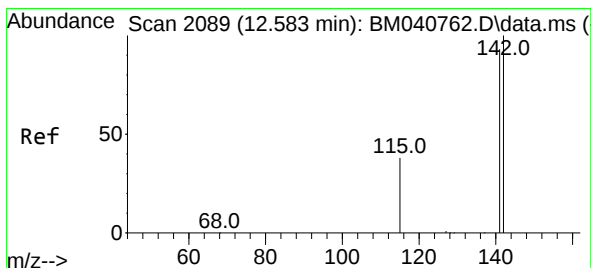
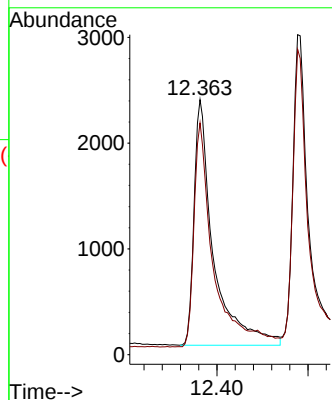
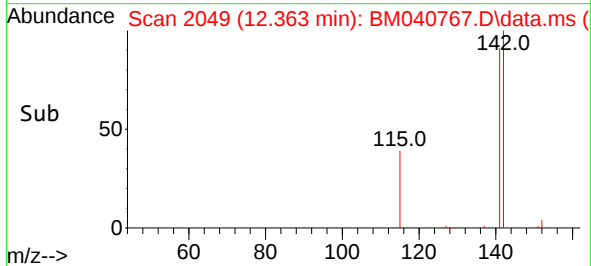


#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.363 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

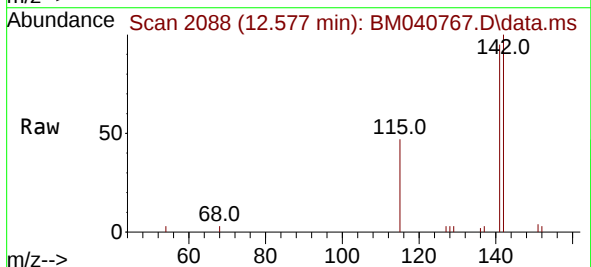
Instrument :
BNA_M
ClientSampleId :
SLCS891



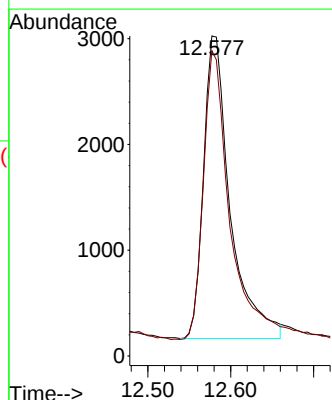
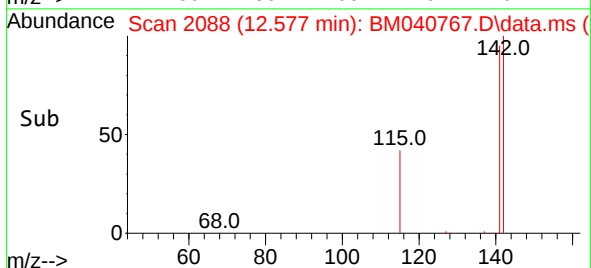
Tgt Ion:142 Resp: 6867
Ion Ratio Lower Upper
142 100
141 92.2 71.9 107.9

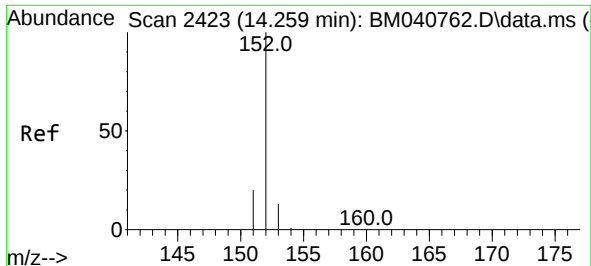


#8
1-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.577 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54



Tgt Ion:142 Resp: 6420
Ion Ratio Lower Upper
142 100
141 94.0 73.7 110.5

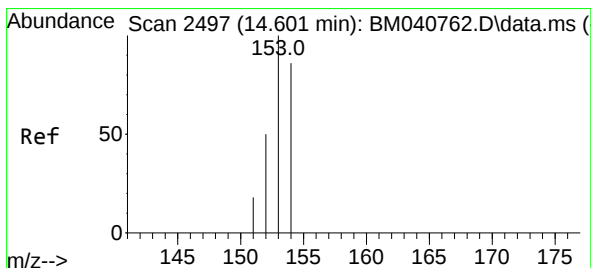
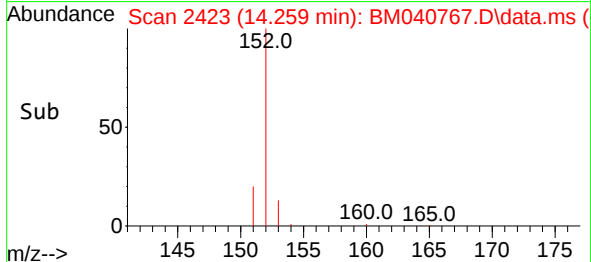
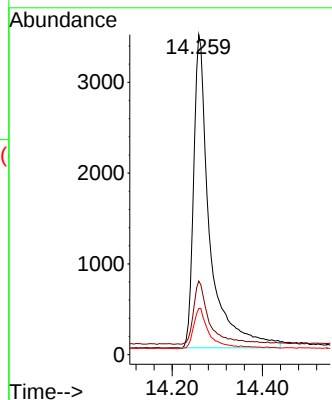
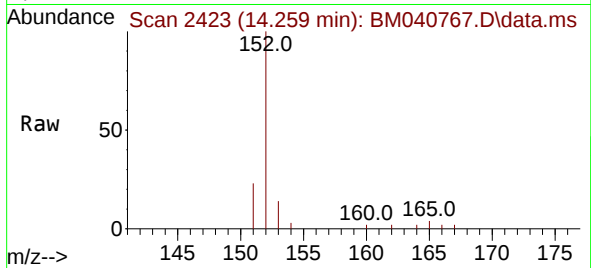




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.259 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

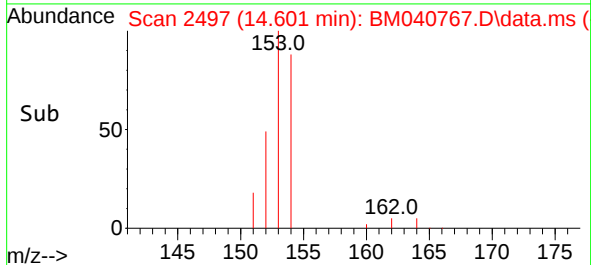
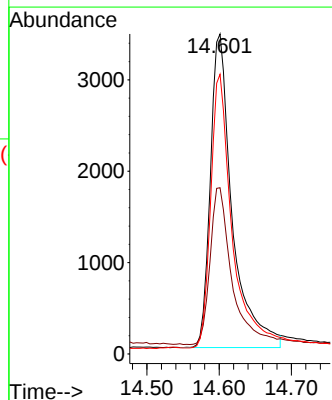
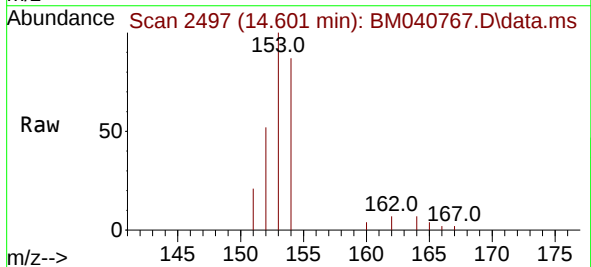
Instrument :
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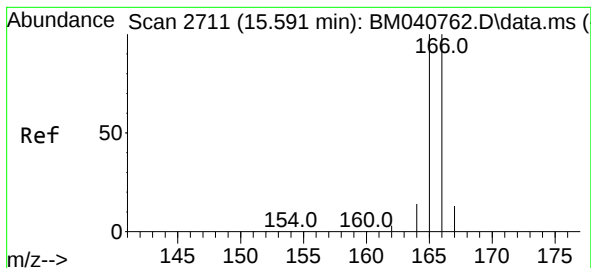
Tgt Ion:152 Resp: 8597
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.2
153 14.5 10.9 16.3



#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.601 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

Tgt Ion:153 Resp: 7248
Ion Ratio Lower Upper
153 100
152 52.0 41.0 61.4
154 87.4 70.8 106.2





#12

Fluorene

Concen: 0.340 ng/ul

RT: 15.591 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040767.D

Acq: 09 Jul 2023 08:54

Instrument :

BNA_M

ClientSampleId :

SLCS891

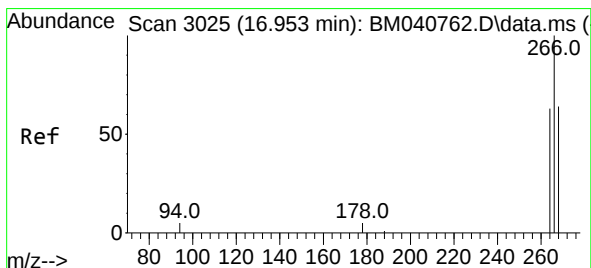
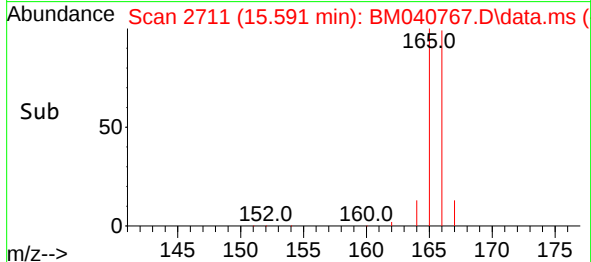
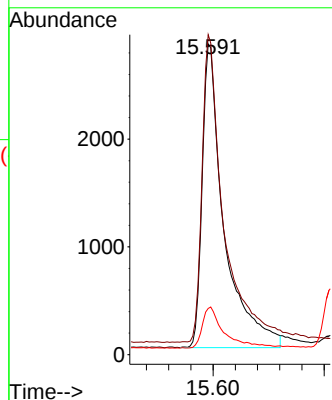
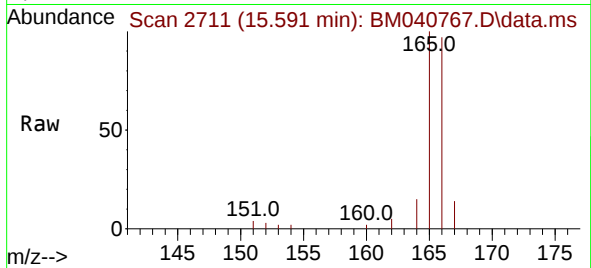
Tgt Ion:166 Resp: 7709

Ion Ratio Lower Upper

166 100

165 103.0 79.6 119.4

167 14.9 11.4 17.0



#14

Pentachlorophenol

Concen: 0.310 ng/ul

RT: 16.953 min Scan# 3025

Delta R.T. -0.000 min

Lab File: BM040767.D

Acq: 09 Jul 2023 08:54

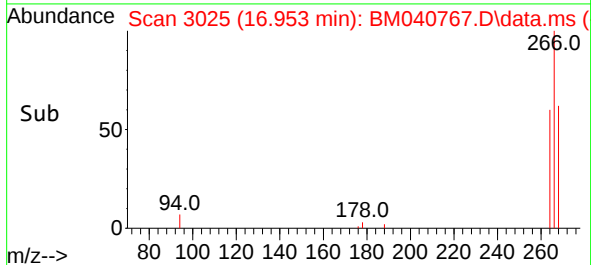
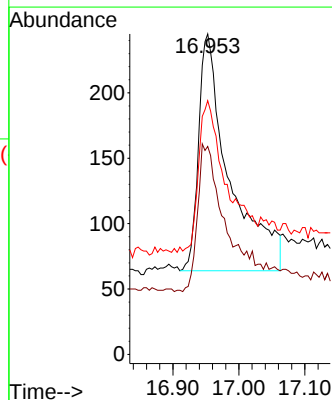
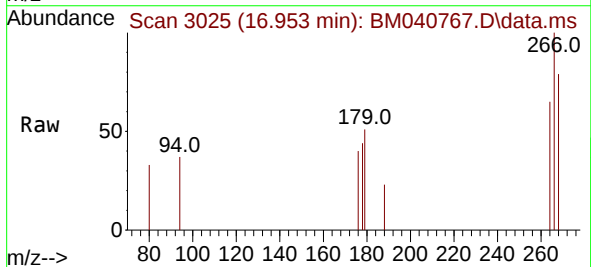
Tgt Ion:266 Resp: 587

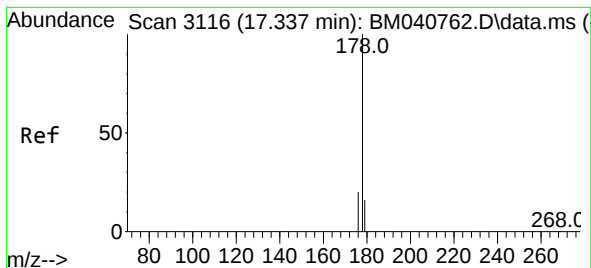
Ion Ratio Lower Upper

266 100

264 62.4 45.4 68.0

268 59.6 47.2 70.8





#15

Phenanthrene

Concen: 0.334 ng/ul

RT: 17.337 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BM040767.D

Acq: 09 Jul 2023 08:54

Instrument :

BNA_M

ClientSampleId :

SLCS891

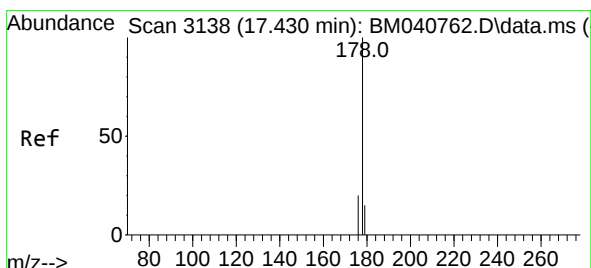
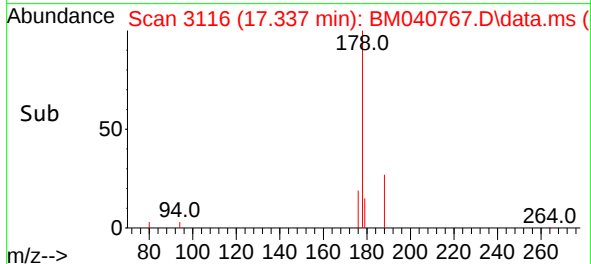
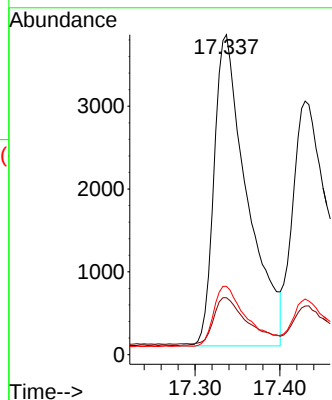
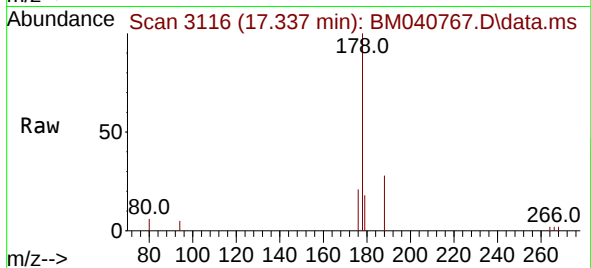
Tgt Ion:178 Resp: 10184

Ion Ratio Lower Upper

178 100

179 17.8 12.8 19.2

176 21.3 16.4 24.6



#16

Anthracene

Concen: 0.352 ng/ul

RT: 17.430 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BM040767.D

Acq: 09 Jul 2023 08:54

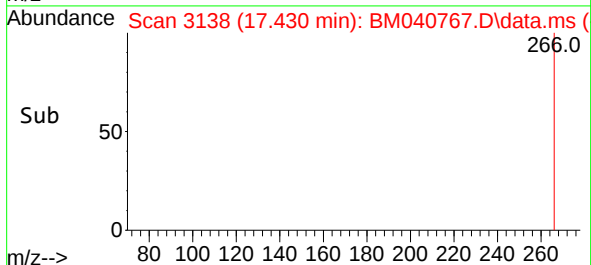
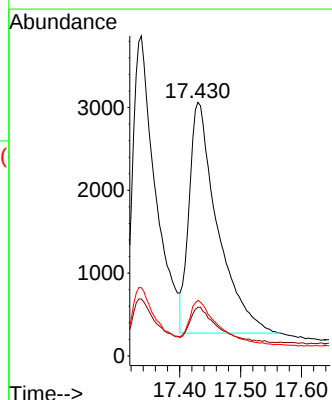
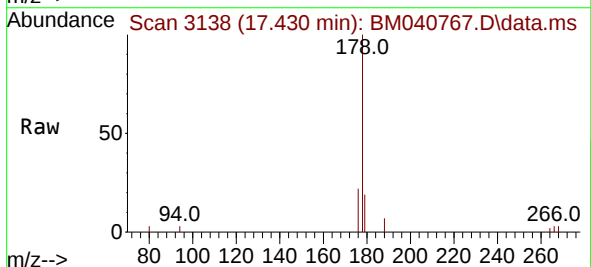
Tgt Ion:178 Resp: 9024

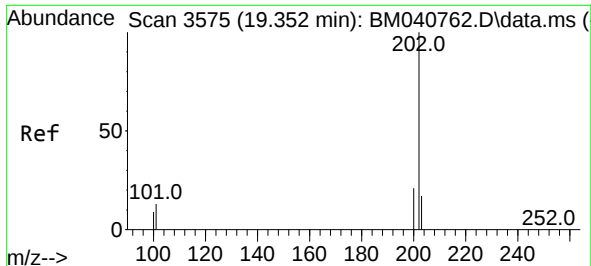
Ion Ratio Lower Upper

178 100

179 19.2 12.9 19.3

176 21.9 15.8 23.6

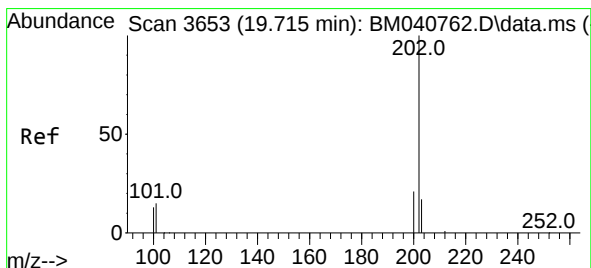
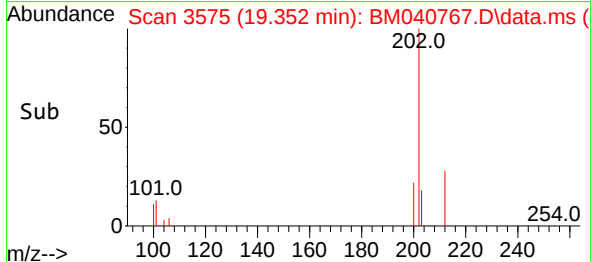
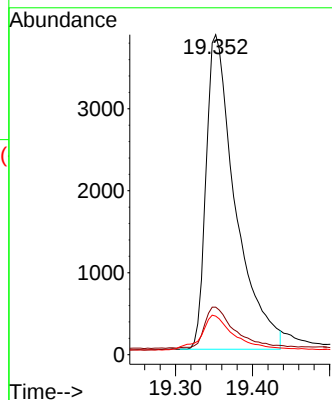
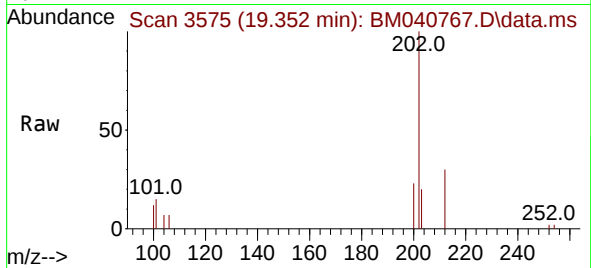




#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.352 min Scan# 3575
Delta R.T. -0.000 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

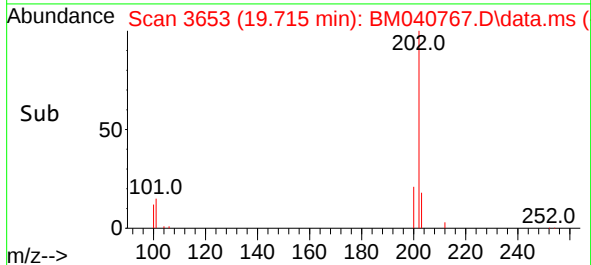
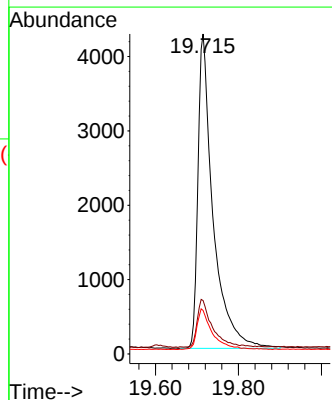
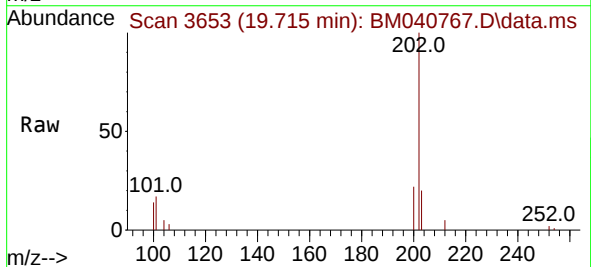
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ClientSampleId :
SLCS891

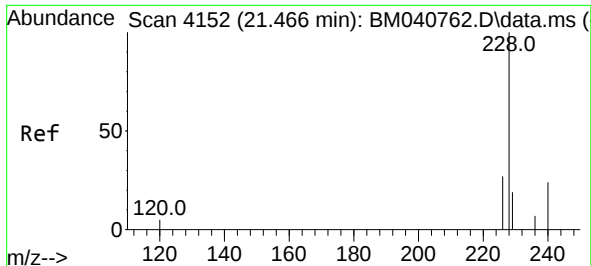
Tgt Ion:202 Resp: 10134
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.0
100 12.1 8.7 13.1



#20
Pyrene
Concen: 0.381 ng/ul
RT: 19.715 min Scan# 3653
Delta R.T. -0.000 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

Tgt Ion:202 Resp: 10712
Ion Ratio Lower Upper
202 100
101 16.7 12.6 18.8
100 13.6 9.8 14.6

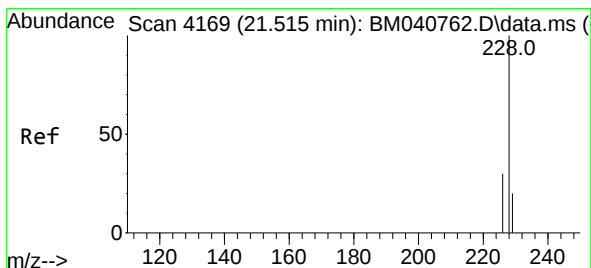
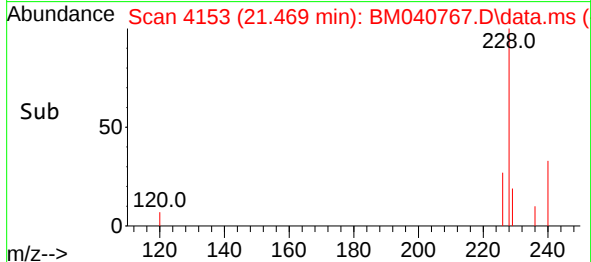
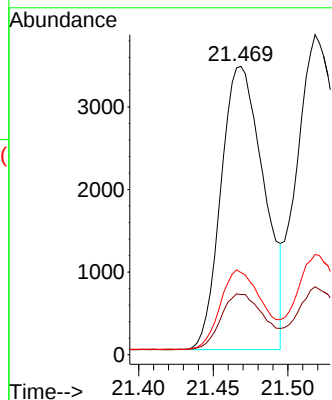
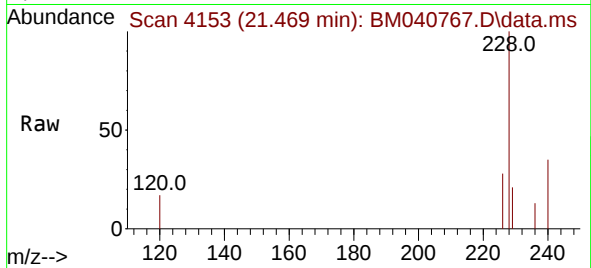




#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.469 min Scan# 4152
Delta R.T. 0.003 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

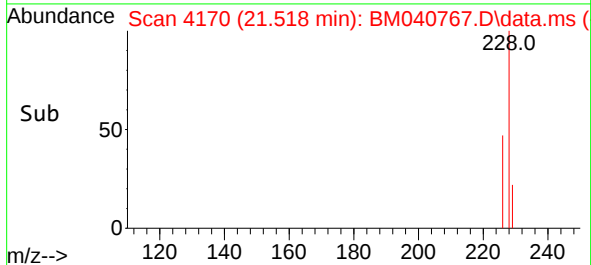
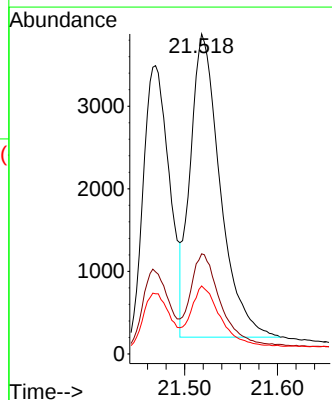
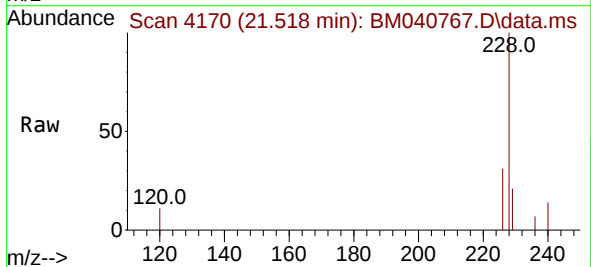
Instrument :
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ClientSampleId :
SLCS891

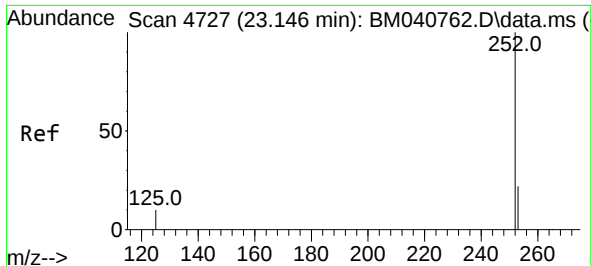
Tgt Ion:228 Resp: 6867
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.5 22.3 33.5



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. 0.003 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

Tgt Ion:228 Resp: 8216
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 21.3 15.8 23.6

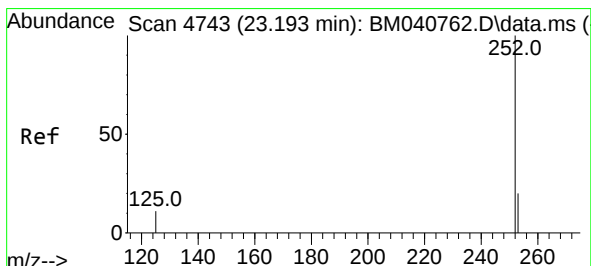
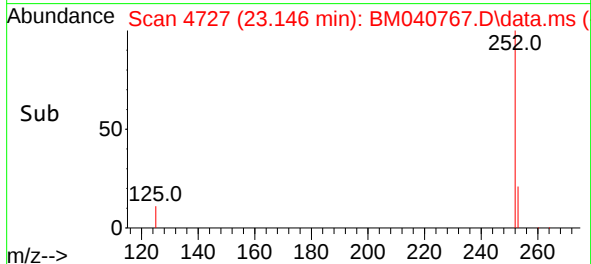
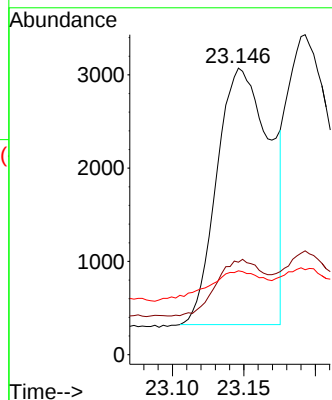
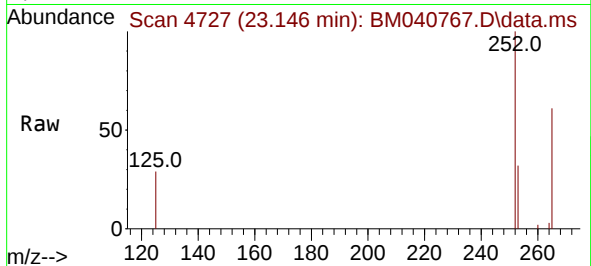




#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 23.146 min Scan# 4727
Delta R.T. -0.000 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

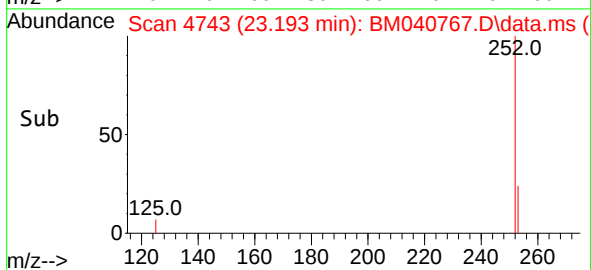
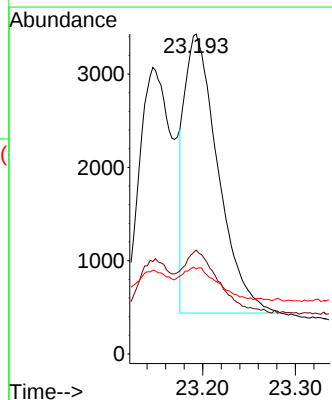
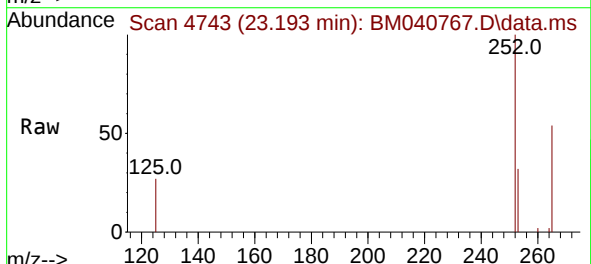
Instrument :
BNA_M
ClientSampleId :
SLCS891

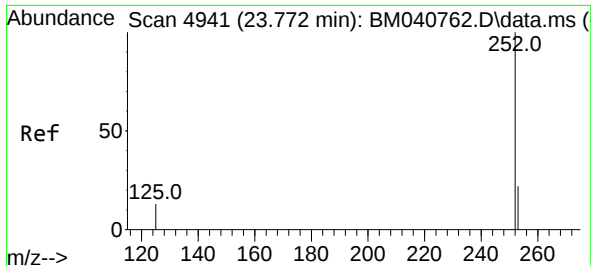
Tgt Ion:252 Resp: 7095
Ion Ratio Lower Upper
252 100
253 32.3 0.0 52.8
125 29.3 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.193 min Scan# 4743
Delta R.T. -0.000 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

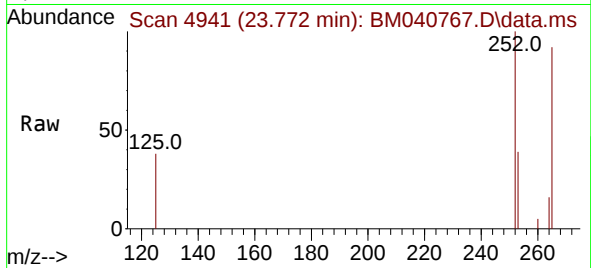
Tgt Ion:252 Resp: 7513
Ion Ratio Lower Upper
252 100
253 32.5 21.2 31.8#
125 26.6 16.4 24.6#



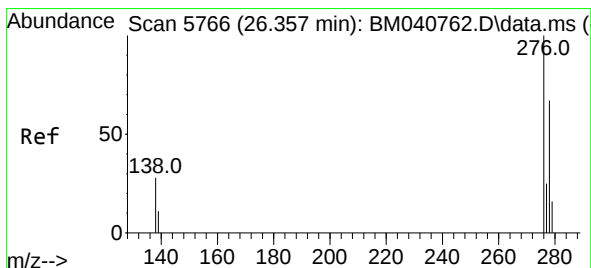
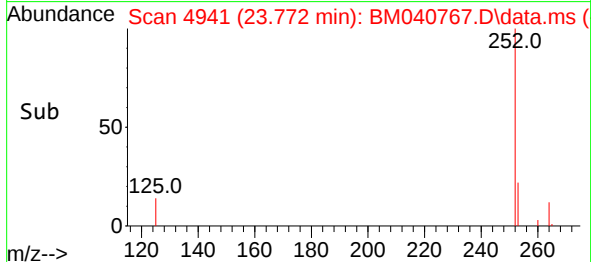
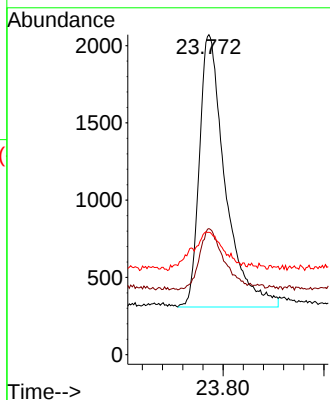


#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 23.772 min Scan# 4941
Delta R.T. -0.000 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

Instrument :
BNA_M
ClientSampleId :
SLCS891

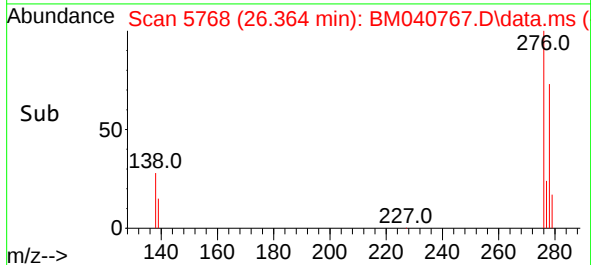
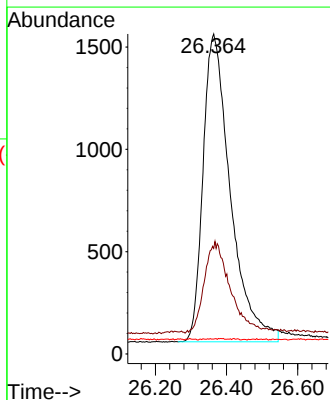
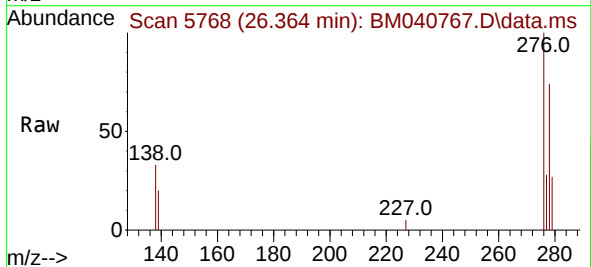


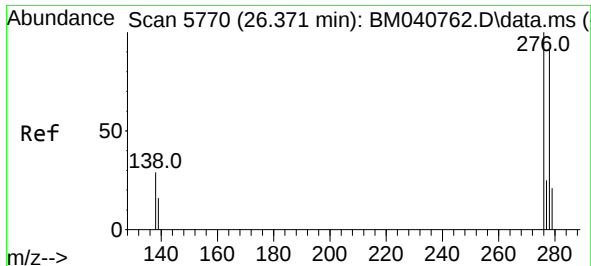
Tgt Ion:252 Resp: 6247
Ion Ratio Lower Upper
252 100
253 39.4 22.9 34.3#
125 38.2 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 26.364 min Scan# 5768
Delta R.T. 0.007 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

Tgt Ion:276 Resp: 8034
Ion Ratio Lower Upper
276 100
138 28.6 24.5 36.7
227 0.1 0.1 0.1#

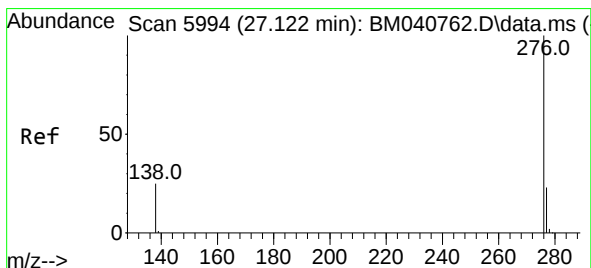
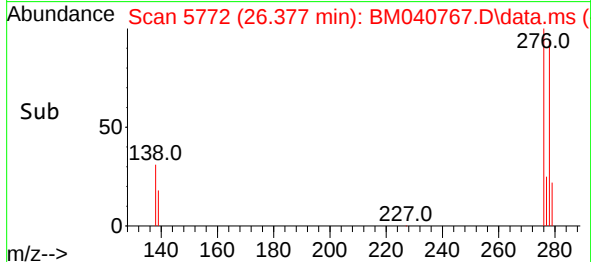
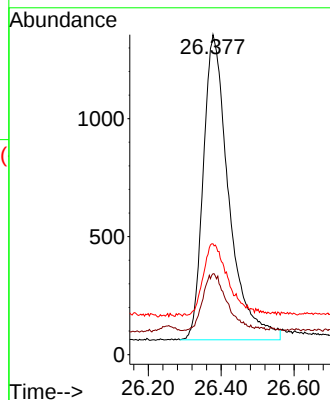
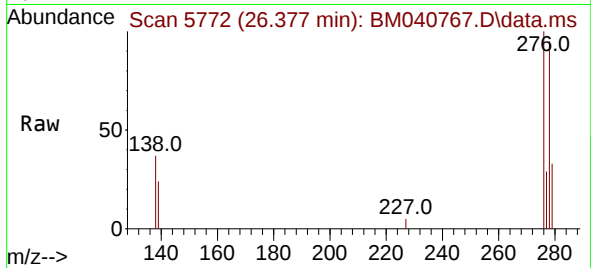




#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.377 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

Instrument :
BNA_M
ClientSampleId :
SLCS891

Tgt Ion:278 Resp: 6291
Ion Ratio Lower Upper
278 100
139 25.3 17.9 26.9
279 34.7 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 27.122 min Scan# 5994
Delta R.T. -0.000 min
Lab File: BM040767.D
Acq: 09 Jul 2023 08:54

Tgt Ion:276 Resp: 7365
Ion Ratio Lower Upper
276 100
138 31.9 23.0 34.6
277 29.3 20.3 30.5

