

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041067.D
 Acq On : 22 Jul 2023 23:09
 Operator : MA/JU
 Sample : PB154070BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS070

Quant Time: Jul 22 23:49:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 22 22:33:48 2023
 Response via : Initial Calibration

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

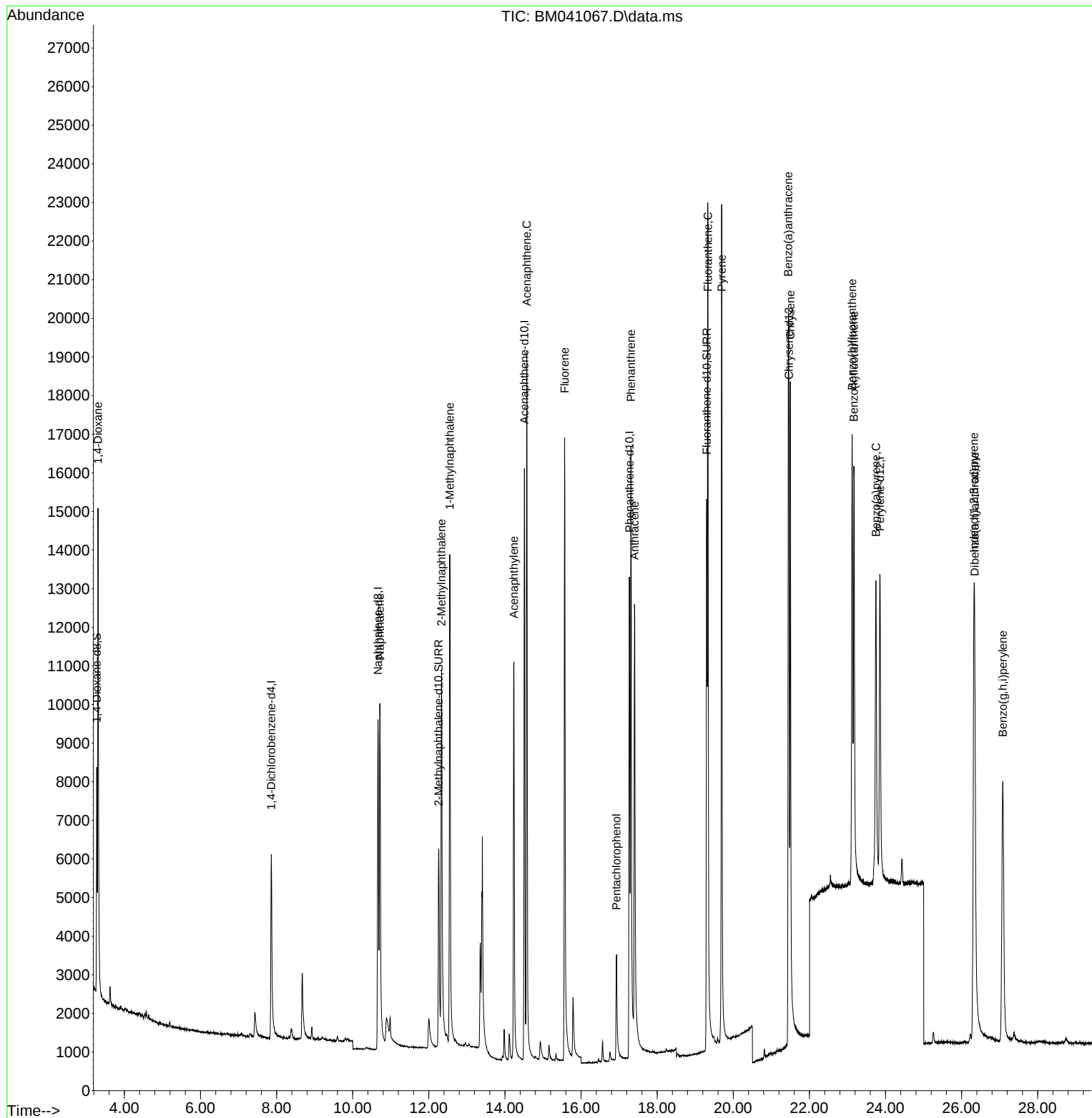
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	3586	0.400	ng/ul	0.00
4) Naphthalene-d8	10.663	136	14706	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.513	164	9097	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.269	188	18004	0.400	ng/ul	0.00
17) Chrysene-d12	21.463	240	12257	0.400	ng/ul	0.00
23) Perylene-d12	23.854	264	12169	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	3860	0.655	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	9579	0.489	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	19048	0.369	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.309	88	8804	1.419	ng/ul#	73
5) Naphthalene	10.713	128	14689	0.365	ng/ul	99
7) 2-Methylnaphthalene	12.335	142	9447	0.428	ng/ul	98
8) 1-Methylnaphthalene	12.550	142	10278	0.438	ng/ul	100
10) Acenaphthylene	14.236	152	14477	0.380	ng/ul	98
11) Acenaphthene	14.573	153	11590	0.345	ng/ul	98
12) Fluorene	15.568	166	12741	0.366	ng/ul	99
14) Pentachlorophenol	16.932	266	2565	0.707	ng/ul	99
15) Phenanthrene	17.312	178	19276	0.358	ng/ul	100
16) Anthracene	17.405	178	16486	0.393	ng/ul	99
19) Fluoranthene	19.334	202	21206	0.335	ng/ul#	93
20) Pyrene	19.696	202	21877	0.338	ng/ul	93
21) Benzo(a)anthracene	21.448	228	16056	0.430	ng/ul	99
22) Chrysene	21.501	228	16682	0.391	ng/ul	99
24) Benzo(b)fluoranthene	23.123	252	16440	0.352	ng/ul	96
25) Benzo(k)fluoranthene	23.170	252	15929	0.359	ng/ul#	95
26) Benzo(a)pyrene	23.748	252	14576	0.361	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.324	276	19807	0.370	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.344	278	15596	0.385	ng/ul#	92
29) Benzo(g,h,i)perylene	27.082	276	17127	0.346	ng/ul#	94

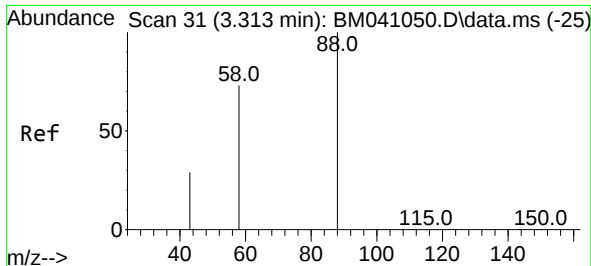
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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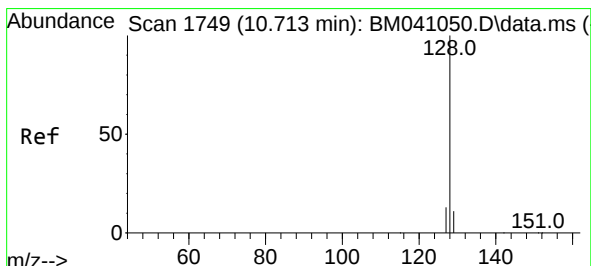
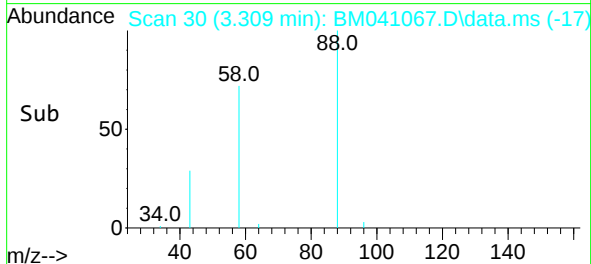
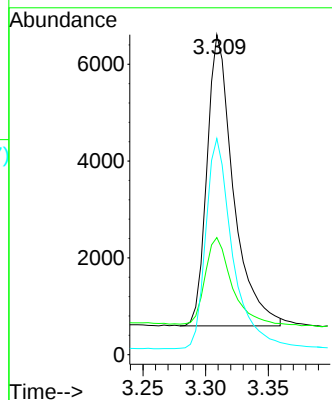
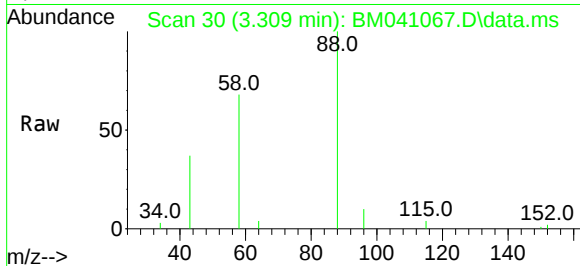




#2
1,4-Dioxane
Concen: 1.419 ng/ul
RT: 3.309 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

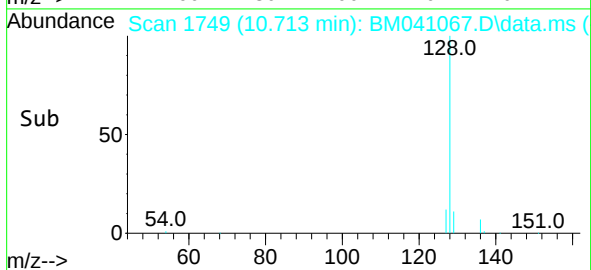
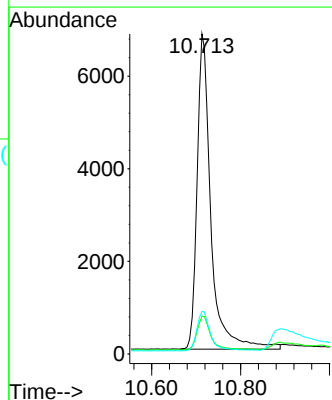
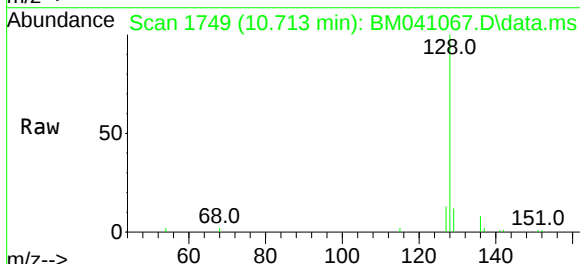
Instrument :
BNA_M
ClientSampleId :
SLCS070

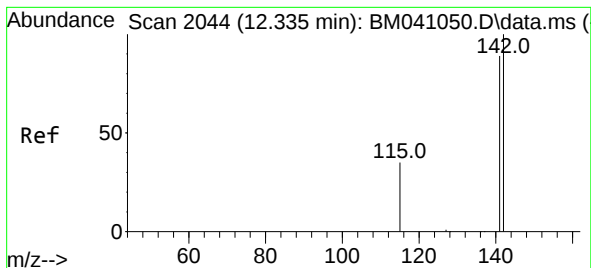
Tgt Ion: 88 Resp: 8804
Ion Ratio Lower Upper
88 100
43 36.6 46.7 70.1#
58 67.5 40.3 60.5#



#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

Tgt Ion: 128 Resp: 14689
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.8
127 13.3 11.0 16.4

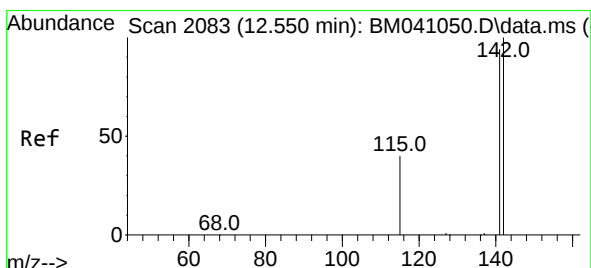
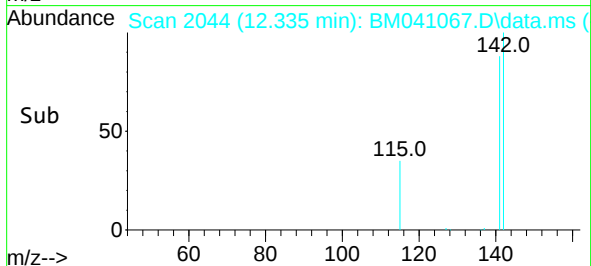
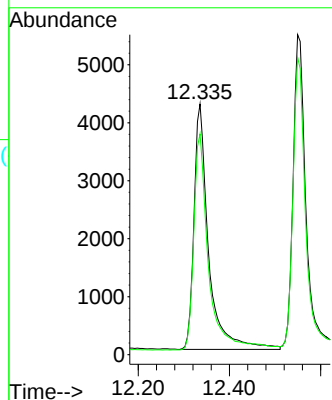
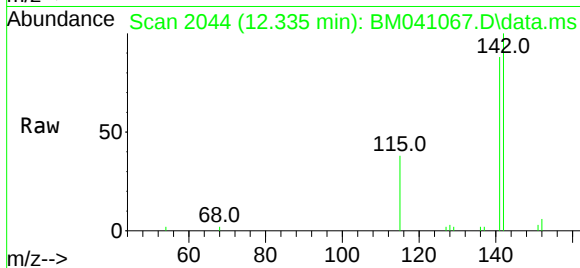




#7
2-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

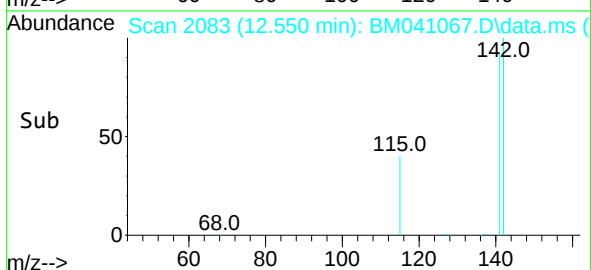
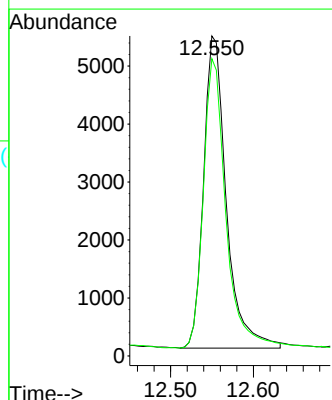
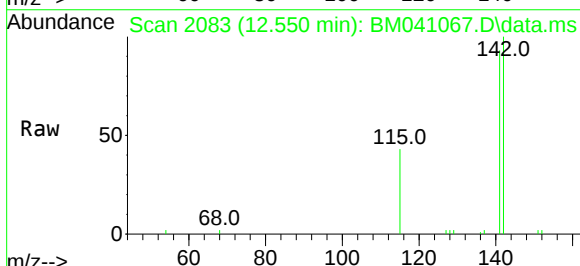
Instrument :
BNA_M
ClientSampleId :
SLCS070

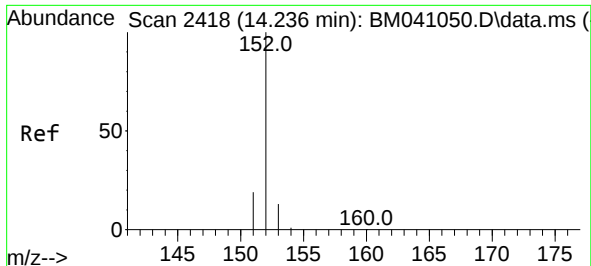
Tgt Ion:142 Resp: 9447
Ion Ratio Lower Upper
142 100
141 89.7 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

Tgt Ion:142 Resp: 10278
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2

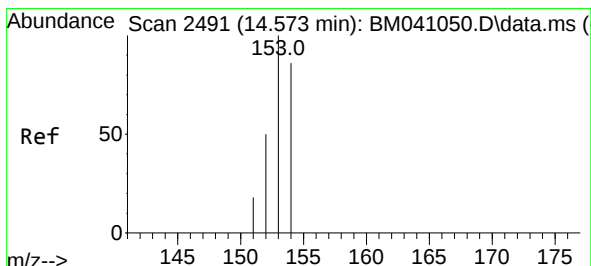
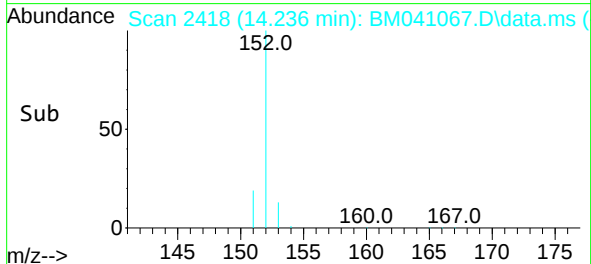
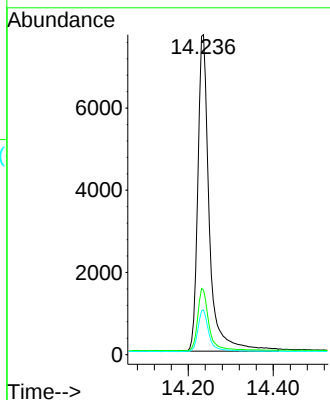
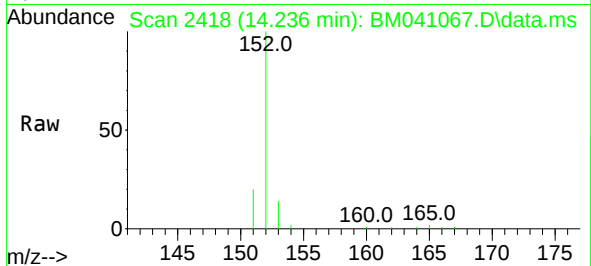




#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

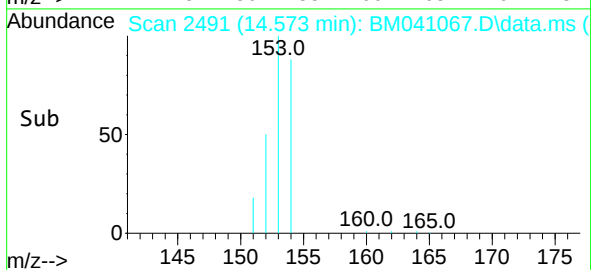
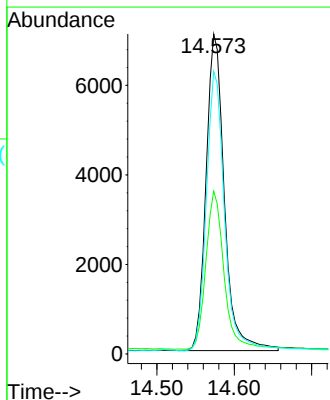
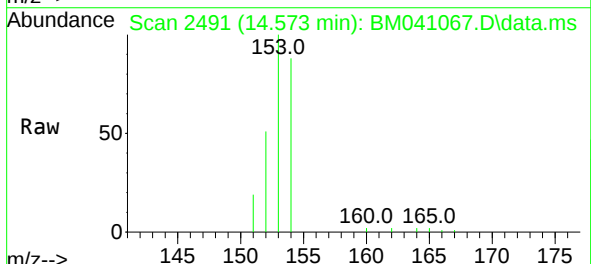
Instrument :
BNA_M
ClientSampleId :
SLCS070

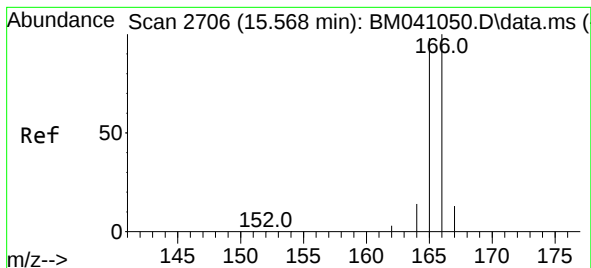
Tgt Ion:152 Resp: 14477
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 14.0 11.6 17.4



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.573 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

Tgt Ion:153 Resp: 11590
Ion Ratio Lower Upper
153 100
152 50.9 41.0 61.6
154 88.3 68.2 102.2





#12

Fluorene

Concen: 0.366 ng/ul

RT: 15.568 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM041067.D

Acq: 22 Jul 2023 23:09

Instrument :

BNA_M

ClientSampleId :

SLCS070

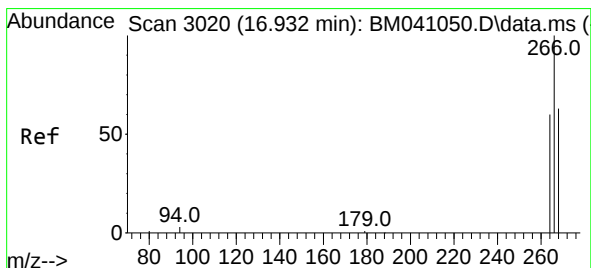
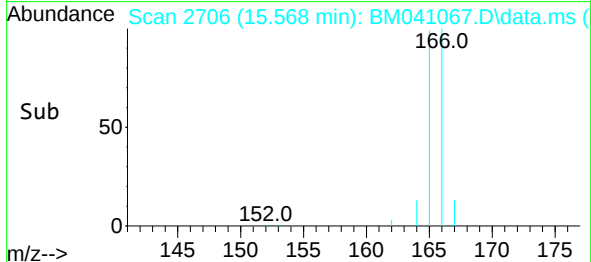
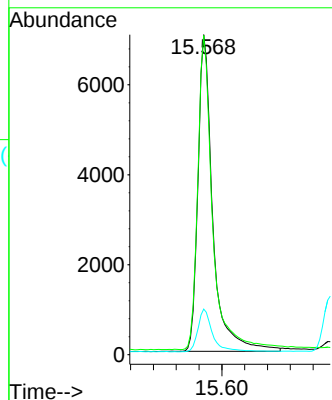
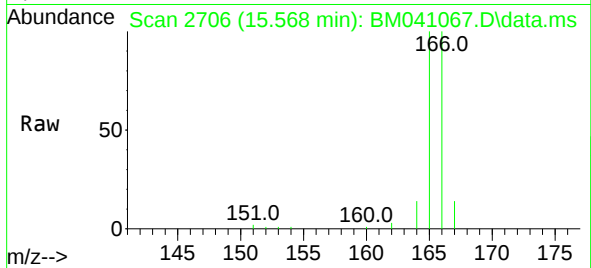
Tgt Ion:166 Resp: 12741

Ion Ratio Lower Upper

166 100

165 99.7 80.3 120.5

167 14.3 11.7 17.5



#14

Pentachlorophenol

Concen: 0.707 ng/ul

RT: 16.932 min Scan# 3020

Delta R.T. -0.004 min

Lab File: BM041067.D

Acq: 22 Jul 2023 23:09

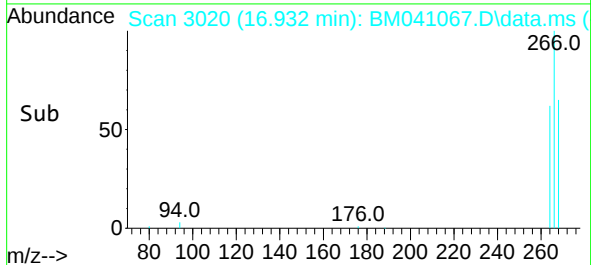
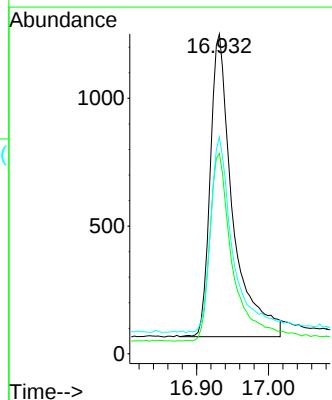
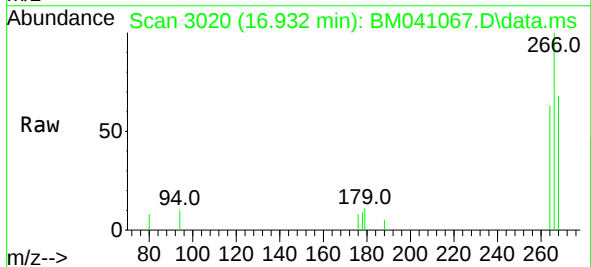
Tgt Ion:266 Resp: 2565

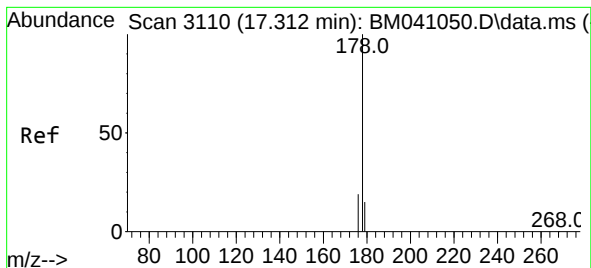
Ion Ratio Lower Upper

266 100

264 63.0 50.7 76.1

268 64.6 52.8 79.2





#15

Phenanthrene

Concen: 0.358 ng/ul

RT: 17.312 min Scan# 3110

Delta R.T. -0.004 min

Lab File: BM041067.D

Acq: 22 Jul 2023 23:09

Instrument :

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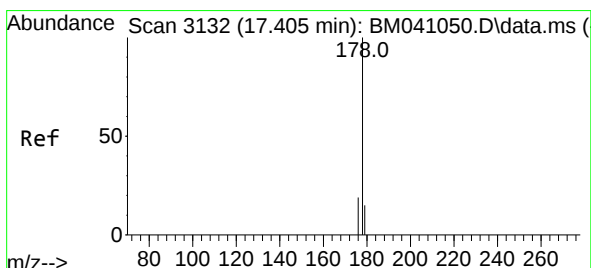
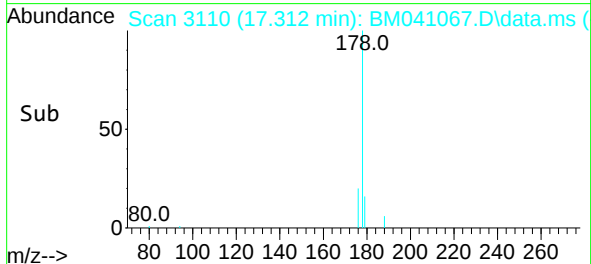
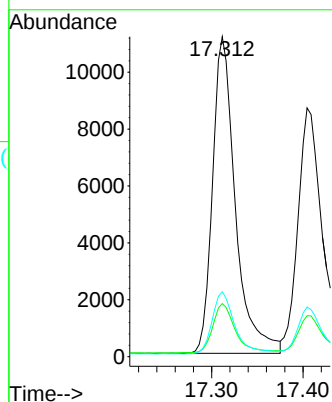
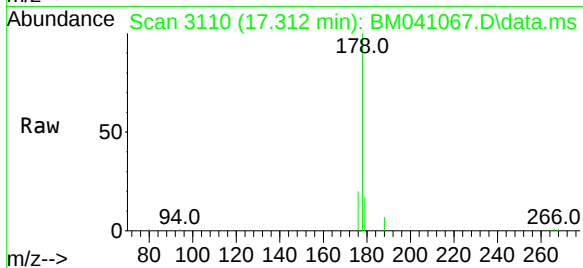
Tgt Ion:178 Resp: 19276

Ion Ratio Lower Upper

178 100

179 16.6 13.0 19.6

176 20.3 16.2 24.4



#16

Anthracene

Concen: 0.393 ng/ul

RT: 17.405 min Scan# 3132

Delta R.T. -0.004 min

Lab File: BM041067.D

Acq: 22 Jul 2023 23:09

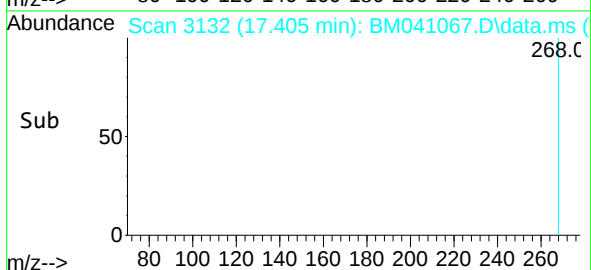
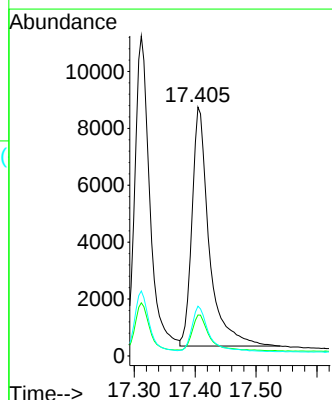
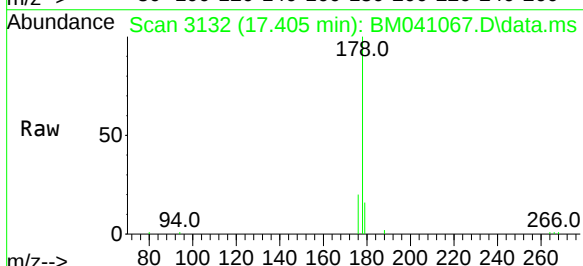
Tgt Ion:178 Resp: 16486

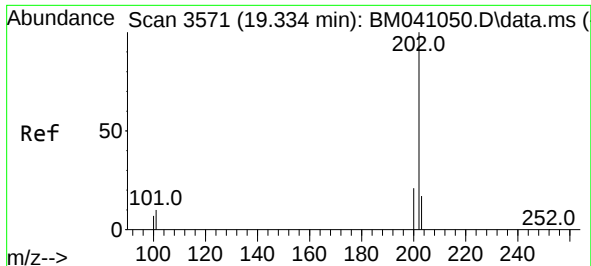
Ion Ratio Lower Upper

178 100

179 16.5 13.7 20.5

176 20.0 16.4 24.6

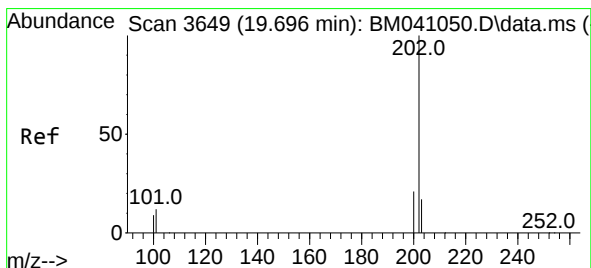
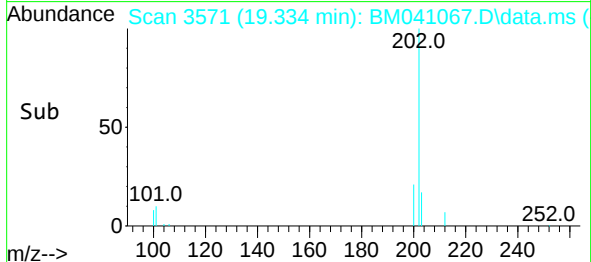
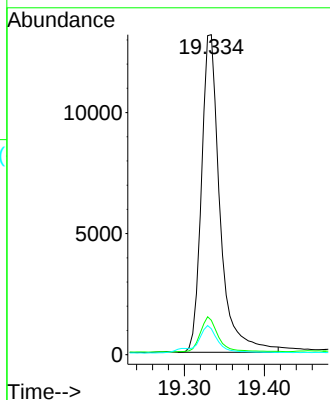
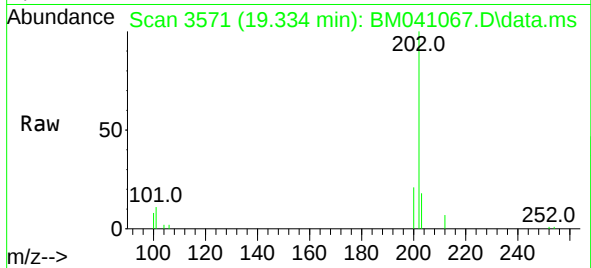




#19
Fluoranthene
Concen: 0.335 ng/ul
RT: 19.334 min Scan# 3571
Delta R.T. 0.000 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

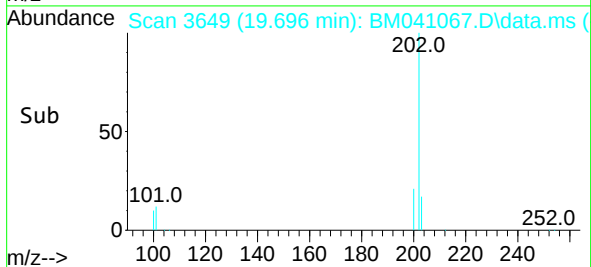
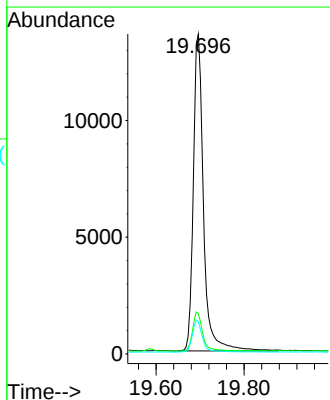
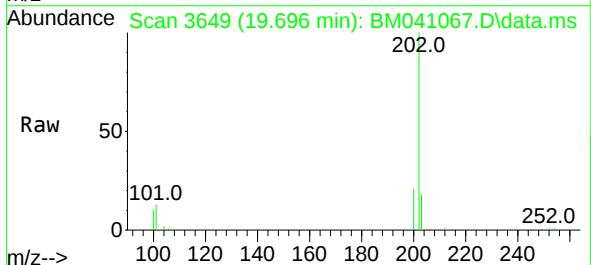
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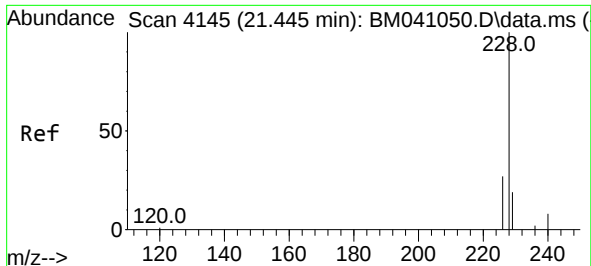
Tgt Ion:202 Resp: 21206
Ion Ratio Lower Upper
202 100
101 10.7 11.0 16.4#
100 8.1 8.3 12.5#



#20
Pyrene
Concen: 0.338 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

Tgt Ion:202 Resp: 21877
Ion Ratio Lower Upper
202 100
101 12.5 12.5 18.7
100 10.1 10.0 15.0

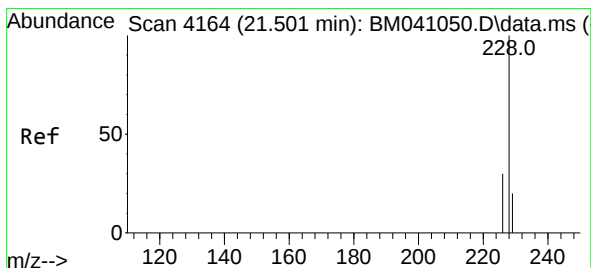
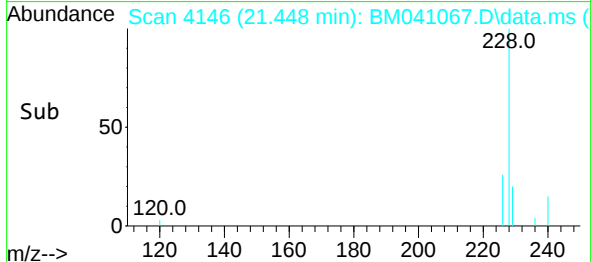
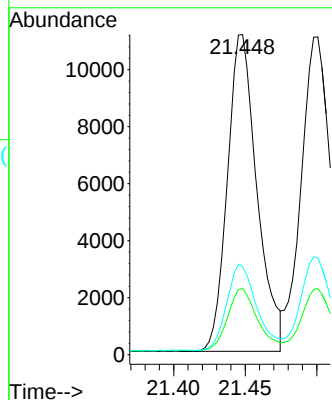
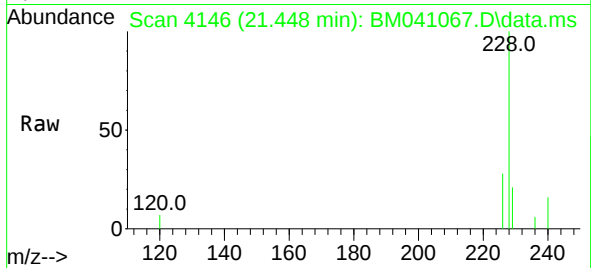




#21
Benzo(a)anthracene
Concen: 0.430 ng/ul
RT: 21.448 min Scan# 4145
Delta R.T. 0.000 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

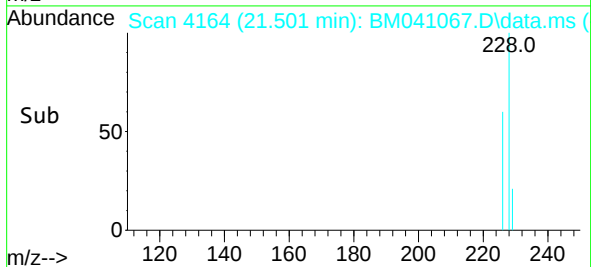
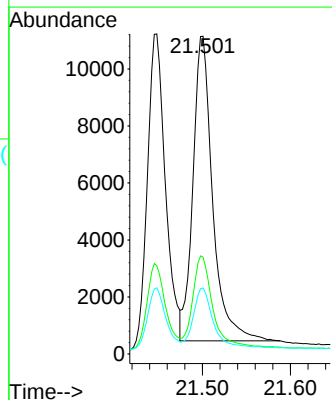
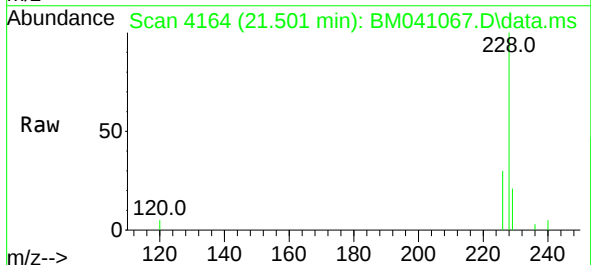
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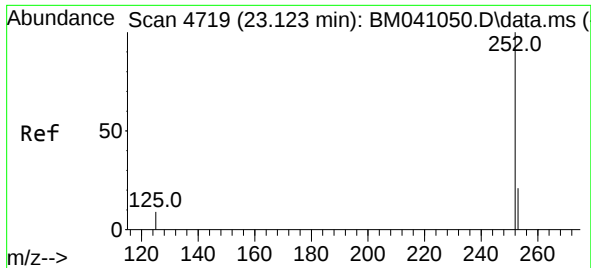
Tgt Ion:228 Resp: 16056
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.4
226 27.6 22.3 33.5



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. 0.000 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

Tgt Ion:228 Resp: 16682
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 20.8 16.1 24.1

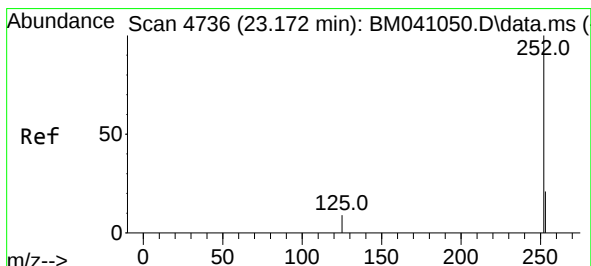
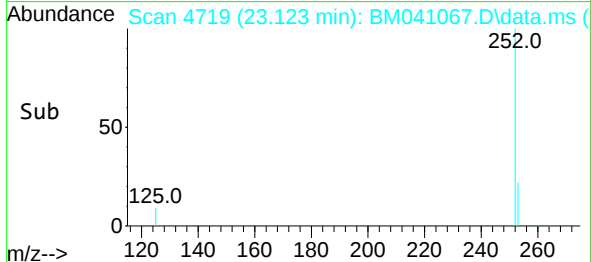
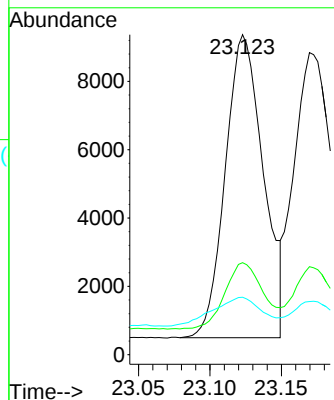
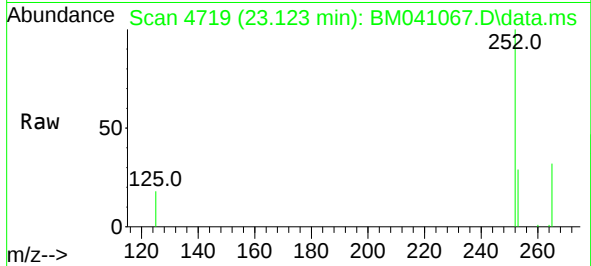




#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

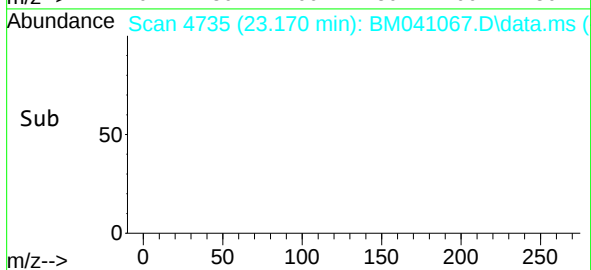
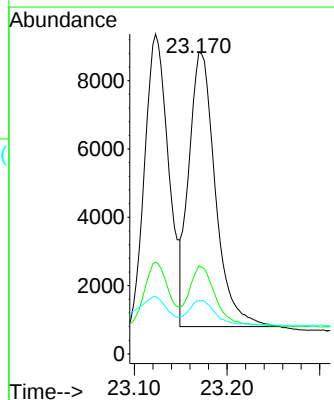
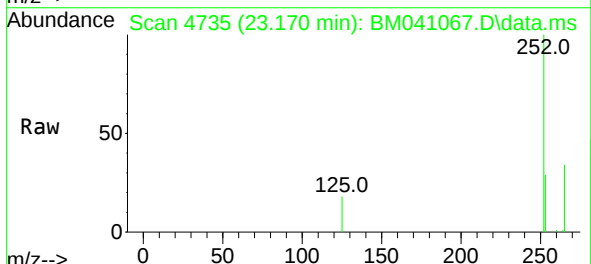
Instrument :
BNA_M
ClientSampleId :
SLCS070

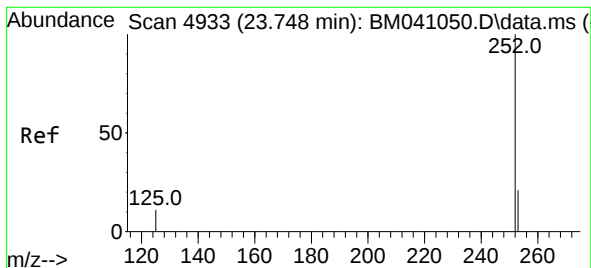
Tgt Ion:252 Resp: 16440
Ion Ratio Lower Upper
252 100
253 28.7 0.0 57.4
125 18.0 0.0 45.2



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 23.170 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

Tgt Ion:252 Resp: 15929
Ion Ratio Lower Upper
252 100
253 29.1 23.3 34.9
125 17.6 18.2 27.2#





#26

Benzo(a)pyrene

Concen: 0.361 ng/ul

RT: 23.748 min Scan# 4933

Delta R.T. 0.000 min

Lab File: BM041067.D

Acq: 22 Jul 2023 23:09

Instrument :

BNA_M

ClientSampleId :

SLCS070

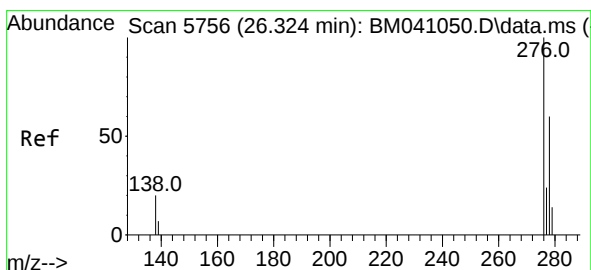
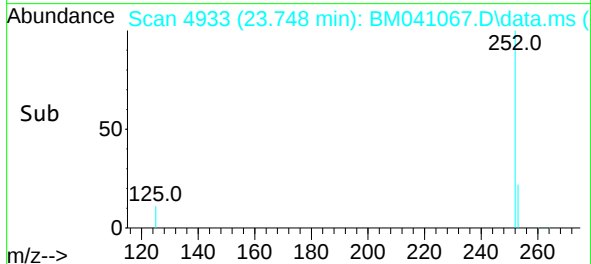
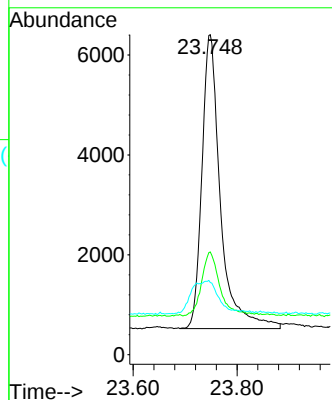
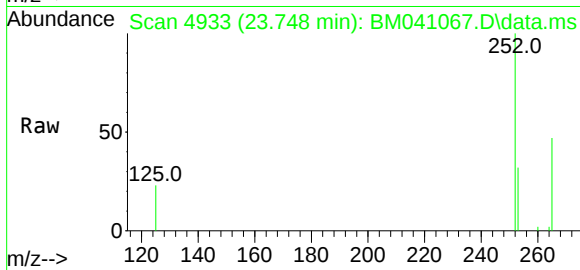
Tgt Ion:252 Resp: 14576

Ion Ratio Lower Upper

252 100

253 32.1 28.2 42.2

125 22.5 25.2 37.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.370 ng/ul

RT: 26.324 min Scan# 5756

Delta R.T. -0.003 min

Lab File: BM041067.D

Acq: 22 Jul 2023 23:09

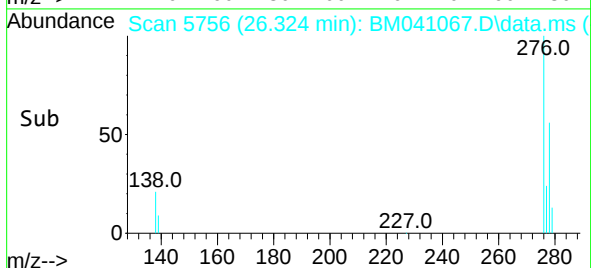
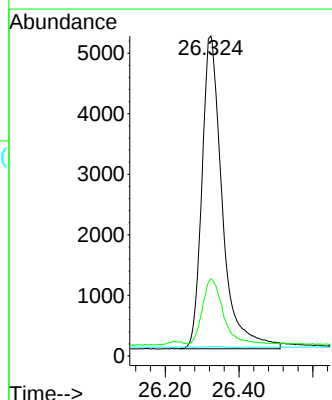
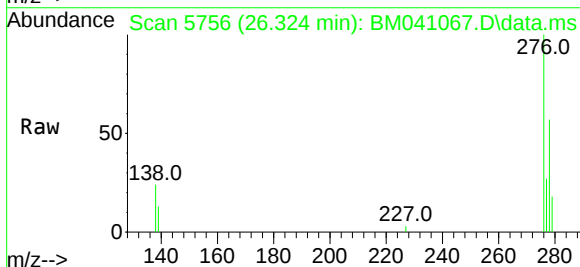
Tgt Ion:276 Resp: 19807

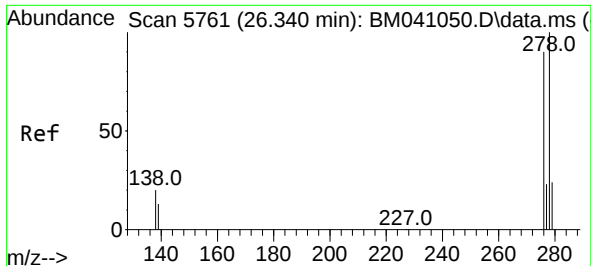
Ion Ratio Lower Upper

276 100

138 21.0 22.3 33.5#

227 0.1 0.0 0.0#

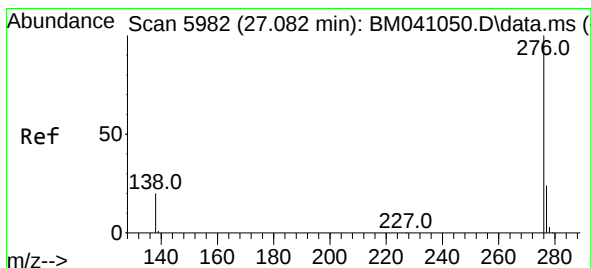
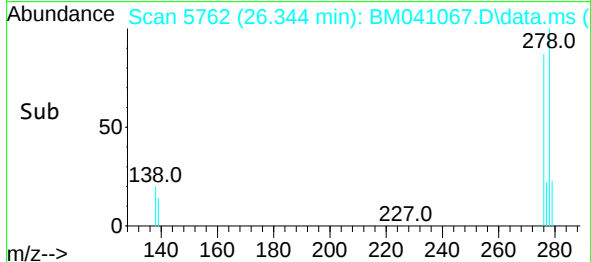
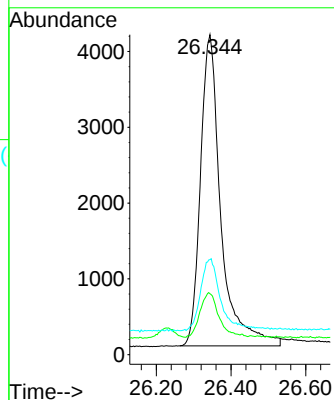
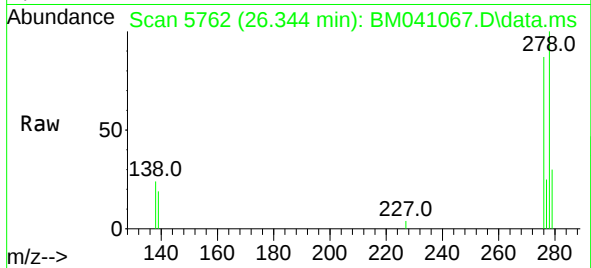




#28
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 26.344 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

Instrument :
BNA_M
ClientSampleId :
SLCS070

Tgt Ion:278 Resp: 15596
Ion Ratio Lower Upper
278 100
139 19.0 19.2 28.8#
279 29.7 27.0 40.6



#29
Benzo(g,h,i)perylene
Concen: 0.346 ng/ul
RT: 27.082 min Scan# 5982
Delta R.T. -0.003 min
Lab File: BM041067.D
Acq: 22 Jul 2023 23:09

Tgt Ion:276 Resp: 17127
Ion Ratio Lower Upper
276 100
138 21.9 22.6 34.0#
277 26.6 21.2 31.8

