

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072623\
 Data File : BM041127.D
 Acq On : 26 Jul 2023 09:53
 Operator : MA/JU
 Sample : PB154056BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS056

Quant Time: Jul 27 01:17:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

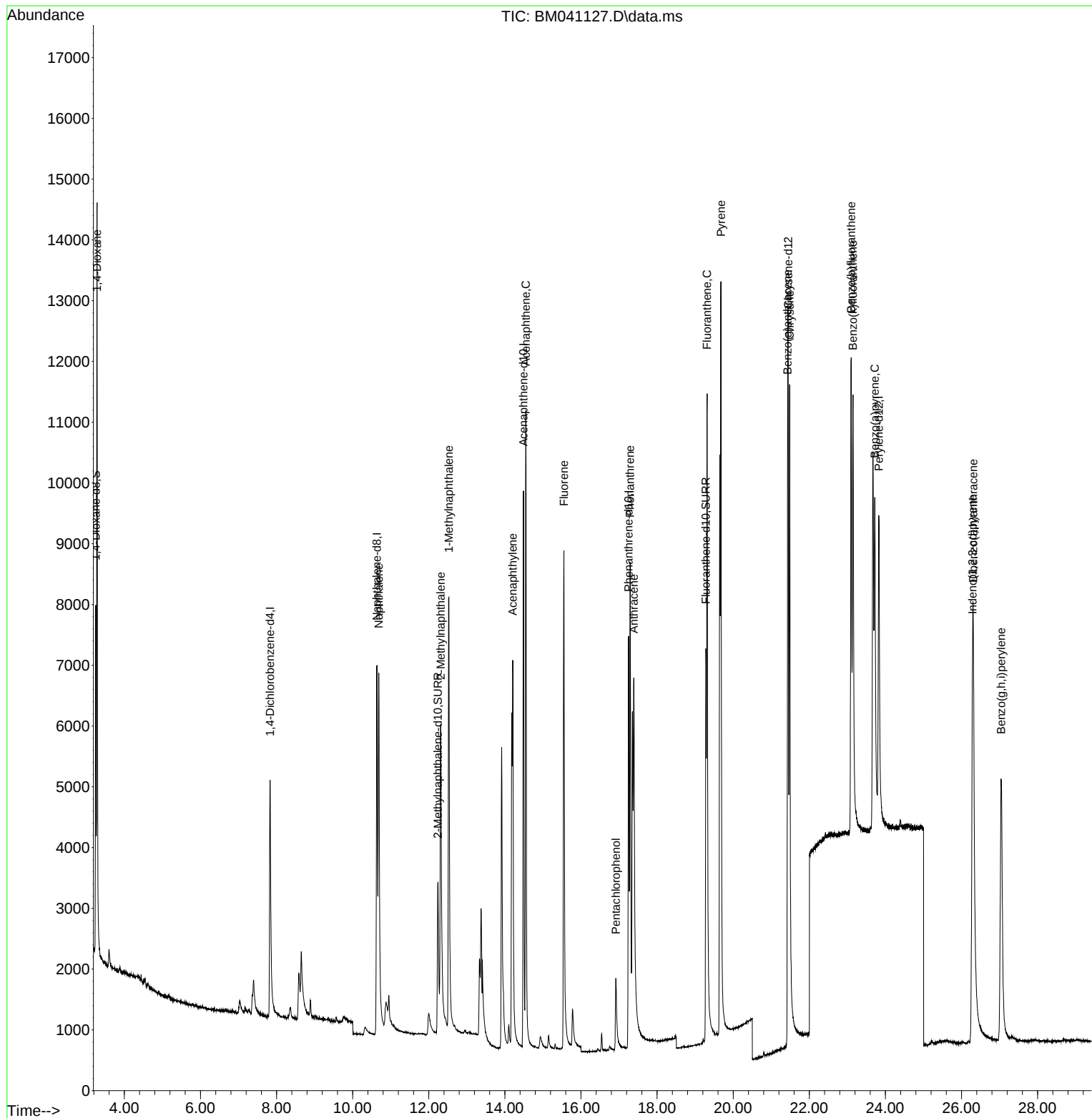
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	3204	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	11231	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	5634	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	10123	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	8613	0.400	ng/ul	0.00
23) Perylene-d12	23.828	264	8046	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	3474	0.703	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	5530	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	9170	0.391	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.284	88	7949	1.574	ng/ul#	44
5) Naphthalene	10.686	128	10495	0.287	ng/ul	100
7) 2-Methylnaphthalene	12.313	142	5986	0.334	ng/ul	99
8) 1-Methylnaphthalene	12.528	142	6405	0.348	ng/ul	100
10) Acenaphthylene	14.208	152	7978	0.335	ng/ul	100
11) Acenaphthene	14.550	153	6611	0.329	ng/ul	99
12) Fluorene	15.550	166	6888	0.314	ng/ul	100
14) Pentachlorophenol	16.919	266	1343	0.456	ng/ul	98
15) Phenanthrene	17.291	178	9962	0.319	ng/ul	99
16) Anthracene	17.388	178	8339	0.330	ng/ul	99
19) Fluoranthene	19.315	202	11201	0.363	ng/ul	99
20) Pyrene	19.678	202	12325	0.362	ng/ul	100
21) Benzo(a)anthracene	21.431	228	9654	0.335	ng/ul	99
22) Chrysene	21.483	228	11035	0.332	ng/ul	99
24) Benzo(b)fluoranthene	23.100	252	11354	0.354	ng/ul	98
25) Benzo(k)fluoranthene	23.149	252	10838	0.354	ng/ul	97
26) Benzo(a)pyrene	23.722	252	9303	0.358	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.287	276	13542	0.352	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.310	278	10573	0.351	ng/ul	98
29) Benzo(g,h,i)perylene	27.038	276	12026	0.350	ng/ul	99

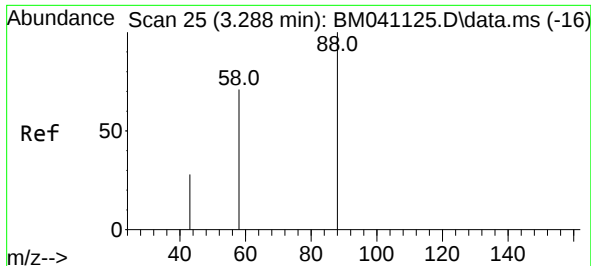
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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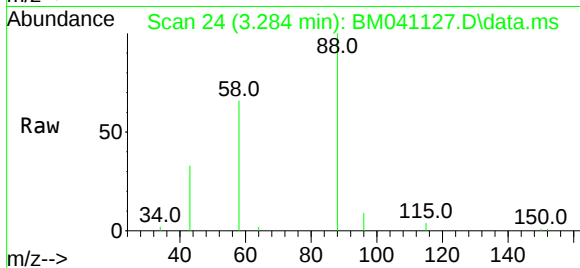
Quant Time: Jul 27 01:17:36 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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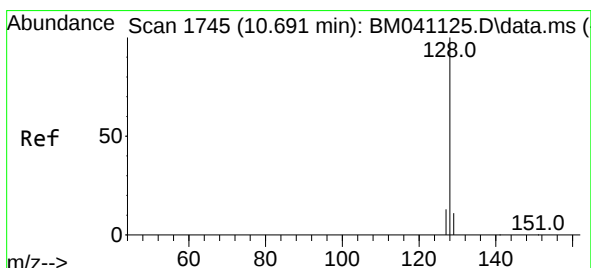
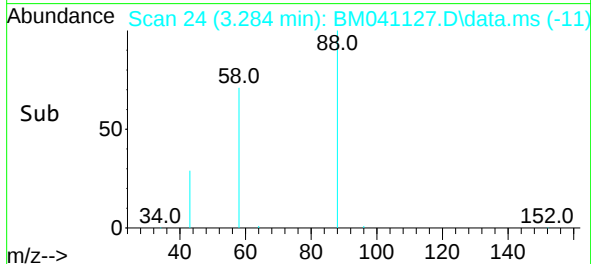
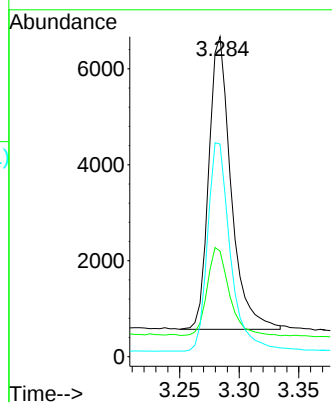


#2
1,4-Dioxane
Concen: 1.574 ng/ul
RT: 3.284 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

Instrument :
BNA_M
ClientSampleId :
SLCS056

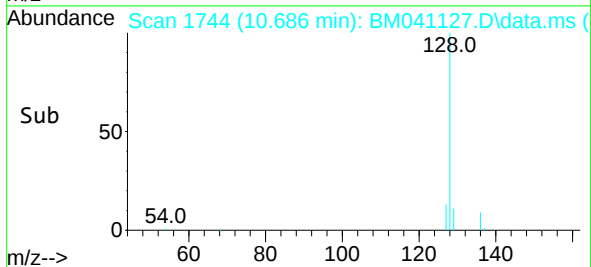
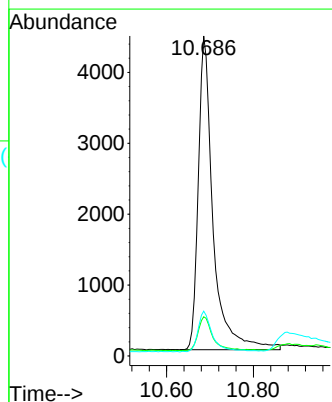
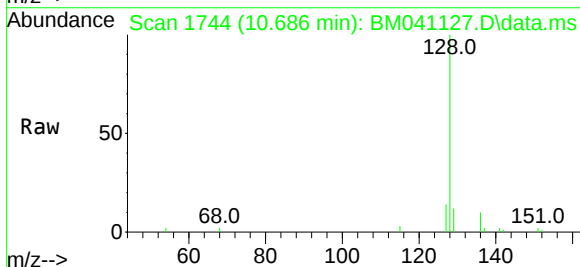


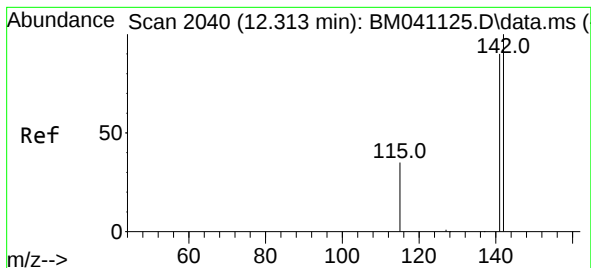
Tgt Ion: 88 Resp: 7949
Ion Ratio Lower Upper
88 100
43 33.0 83.1 124.7#
58 66.4 38.8 58.2#



#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.686 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

Tgt Ion: 128 Resp: 10495
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.8
127 14.0 11.1 16.7

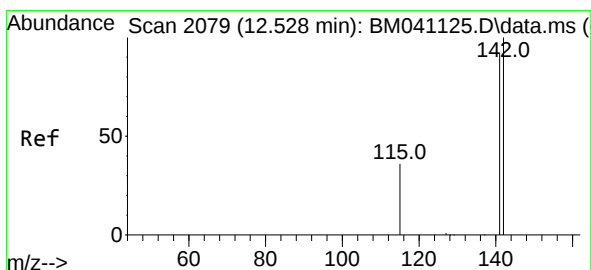
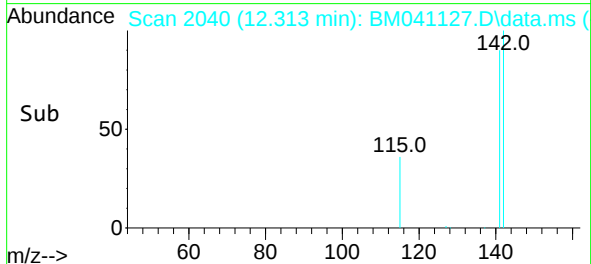
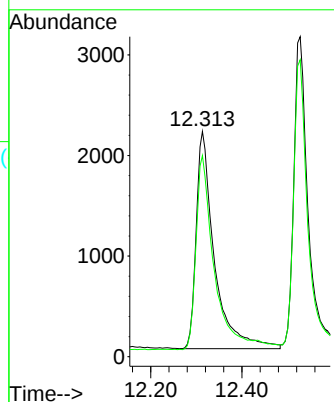
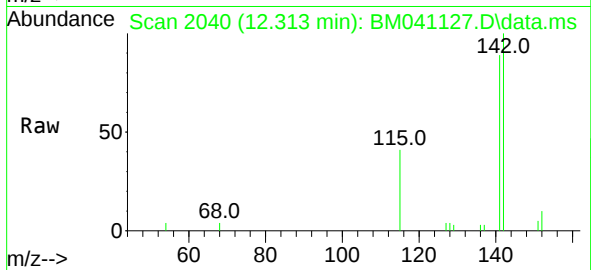




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.313 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

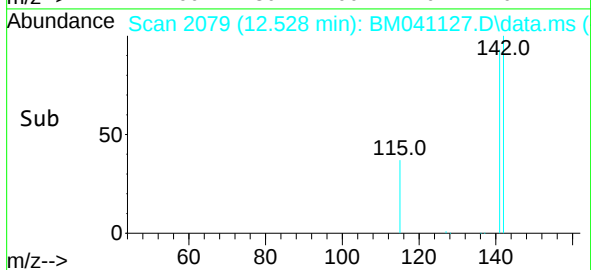
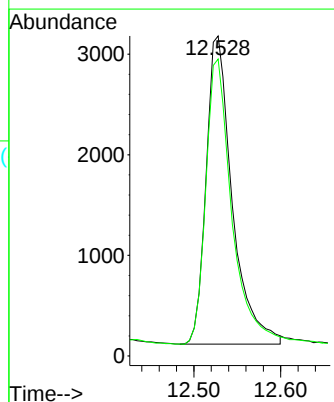
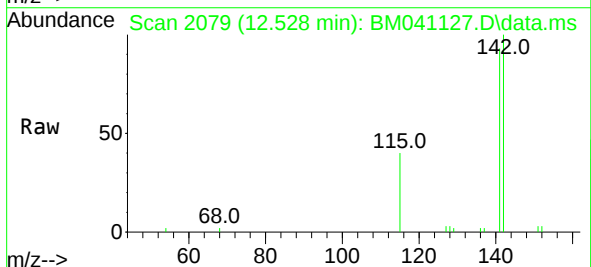
Instrument :
BNA_M
ClientSampleId :
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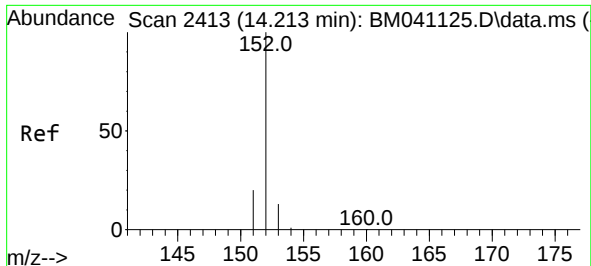
Tgt Ion:142 Resp: 5986
Ion Ratio Lower Upper
142 100
141 90.9 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

Tgt Ion:142 Resp: 6405
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4

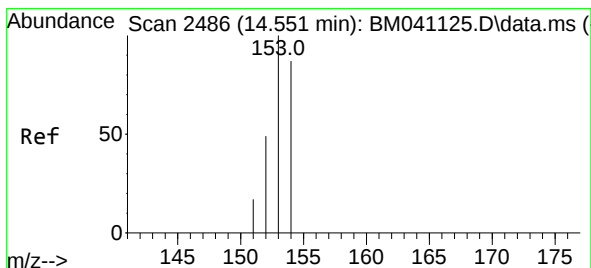
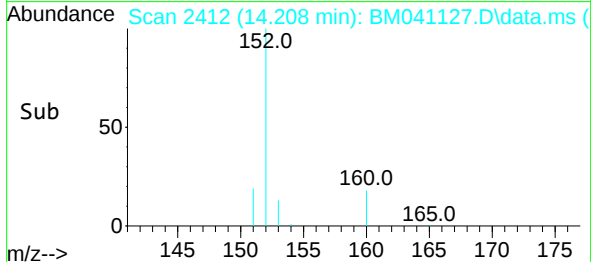
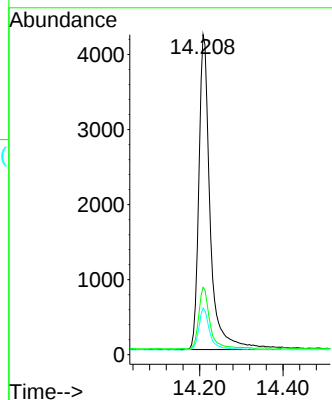
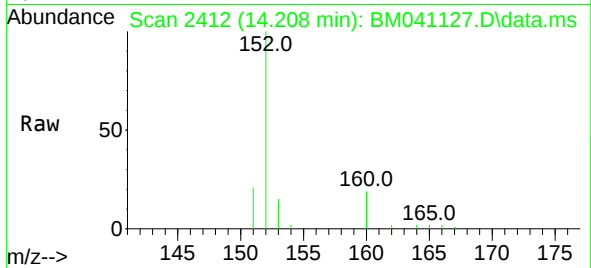




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.208 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

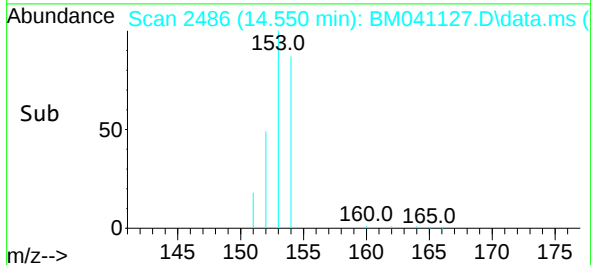
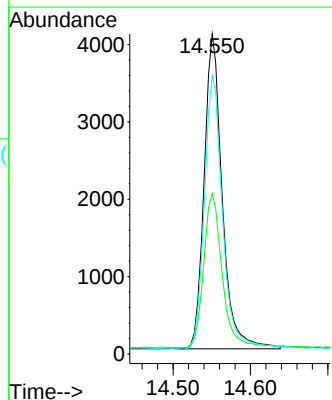
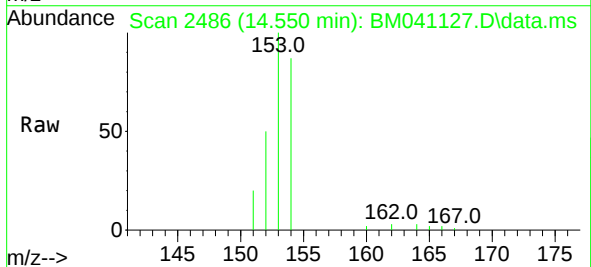
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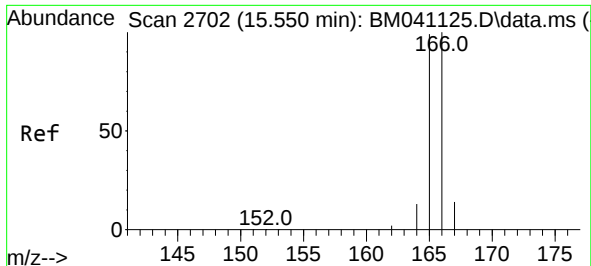
Tgt Ion:152 Resp: 7978
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 14.5 11.4 17.2



#11
Acenaphthene
Concen: 0.329 ng/ul
RT: 14.550 min Scan# 2486
Delta R.T. -0.005 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

Tgt Ion:153 Resp: 6611
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 87.0 70.3 105.5

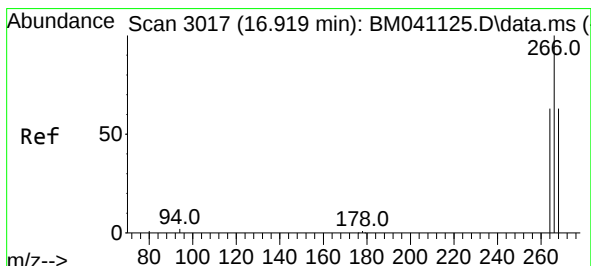
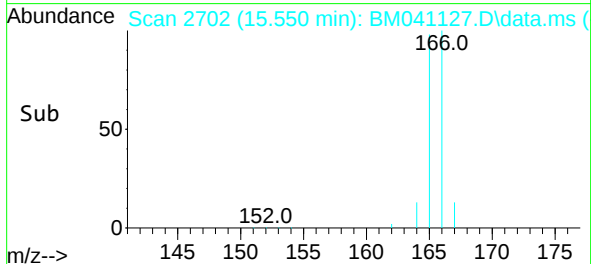
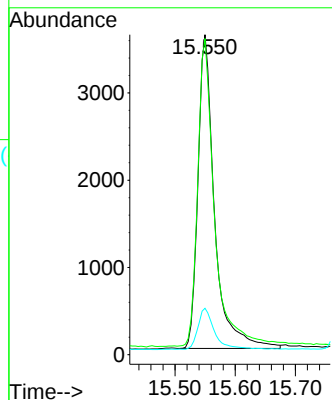
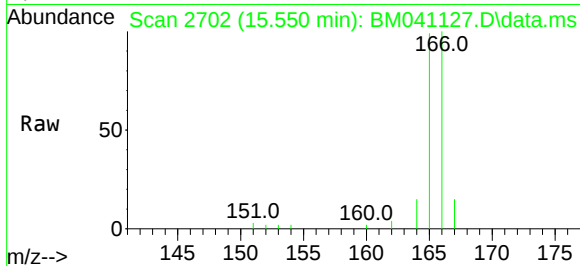




#12
 Fluorene
 Concen: 0.314 ng/ul
 RT: 15.550 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041127.D
 Acq: 26 Jul 2023 09:53

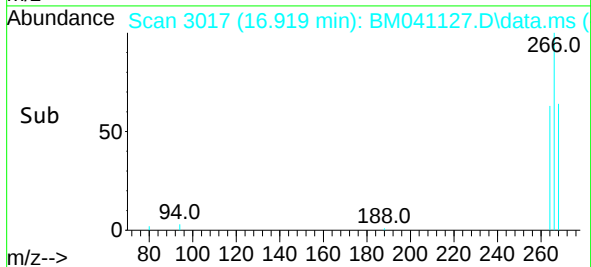
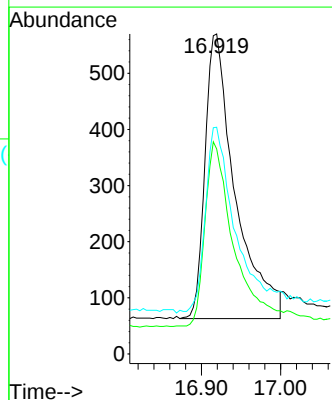
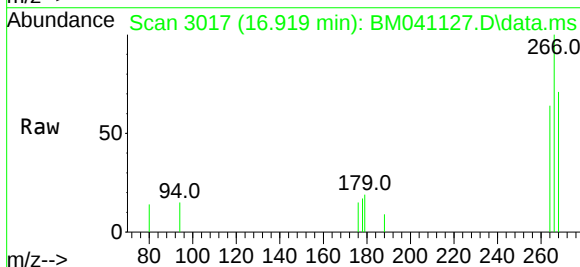
Instrument :
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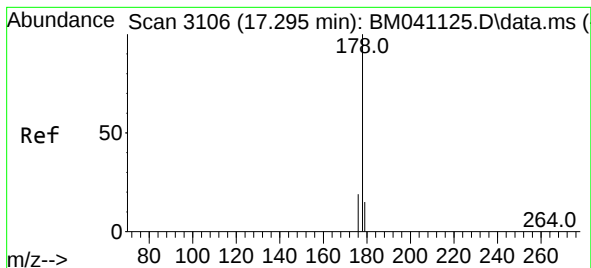
Tgt Ion:166 Resp: 6888
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.4 119.0
 167 14.5 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.456 ng/ul
 RT: 16.919 min Scan# 3017
 Delta R.T. 0.004 min
 Lab File: BM041127.D
 Acq: 26 Jul 2023 09:53

Tgt Ion:266 Resp: 1343
 Ion Ratio Lower Upper
 266 100
 264 61.9 49.2 73.8
 268 65.3 49.9 74.9





#15

Phenanthrene

Concen: 0.319 ng/ul

RT: 17.291 min Scan# 3105

Delta R.T. -0.004 min

Lab File: BM041127.D

Acq: 26 Jul 2023 09:53

Instrument :

BNA_M

ClientSampleId :

SLCS056

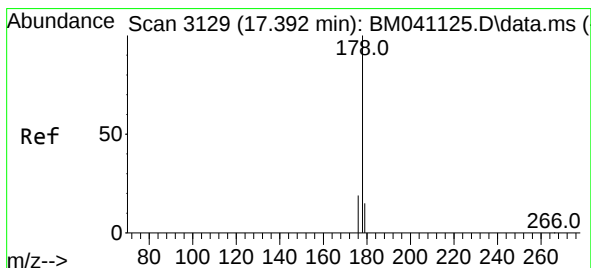
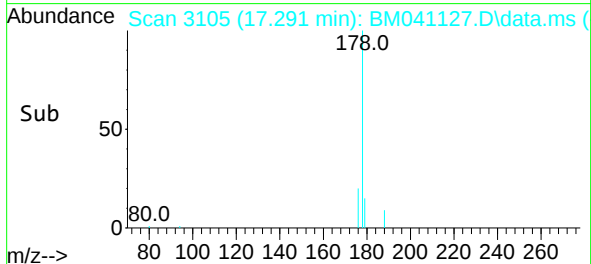
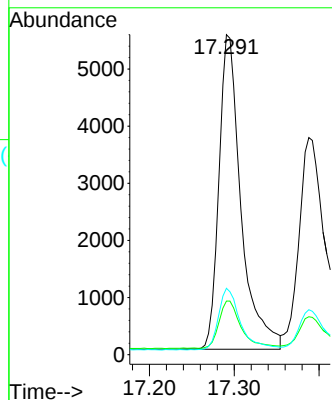
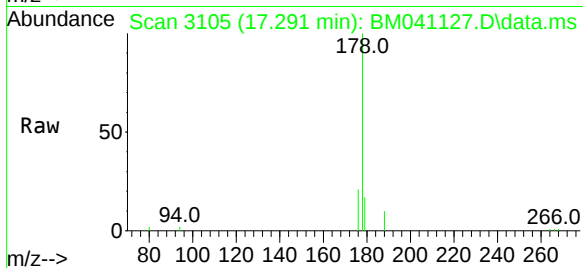
Tgt Ion:178 Resp: 9962

Ion Ratio Lower Upper

178 100

179 16.7 13.4 20.2

176 20.7 16.0 24.0



#16

Anthracene

Concen: 0.330 ng/ul

RT: 17.388 min Scan# 3128

Delta R.T. -0.004 min

Lab File: BM041127.D

Acq: 26 Jul 2023 09:53

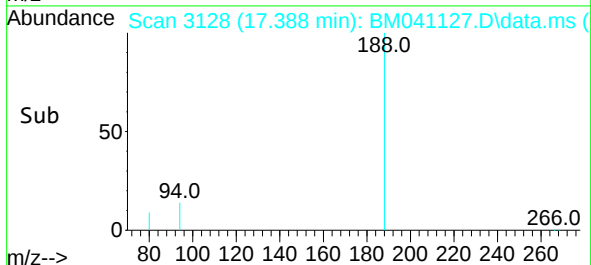
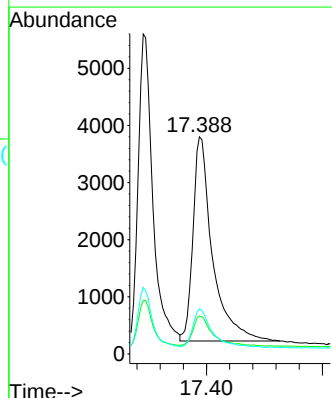
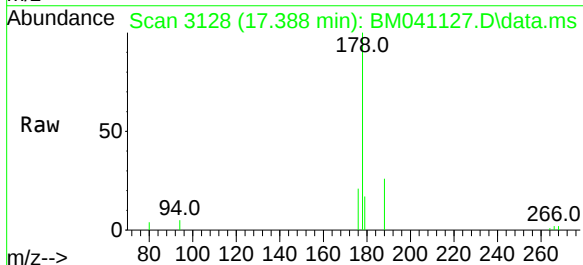
Tgt Ion:178 Resp: 8339

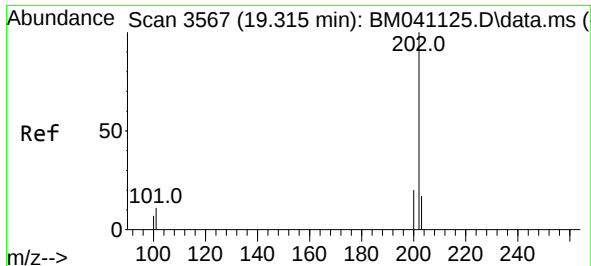
Ion Ratio Lower Upper

178 100

179 17.5 13.6 20.4

176 20.7 16.0 24.0

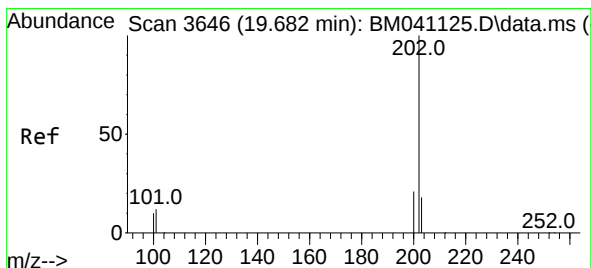
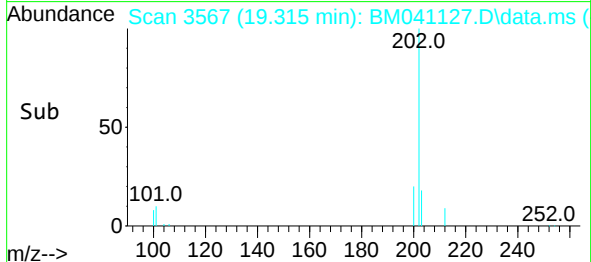
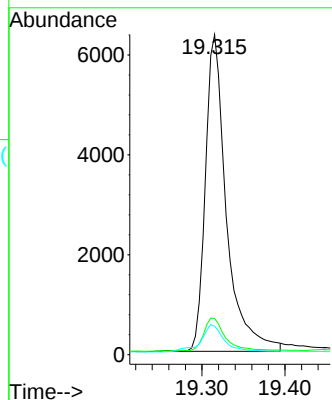
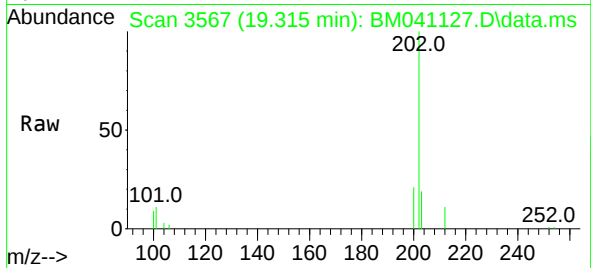




#19
Fluoranthene
Concen: 0.363 ng/u1
RT: 19.315 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

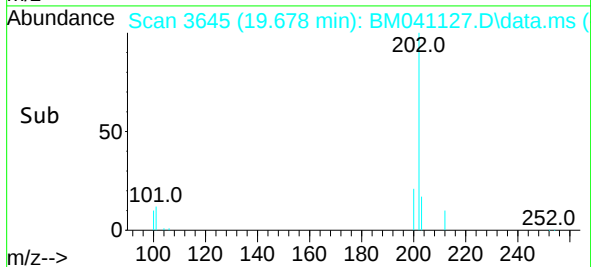
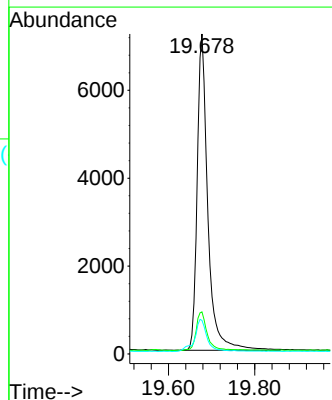
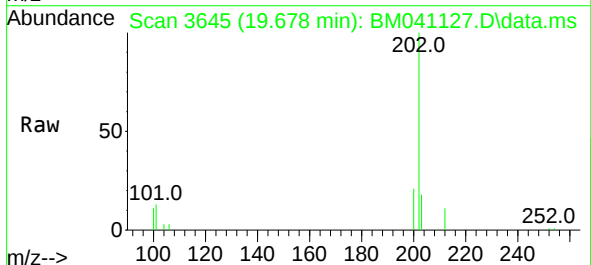
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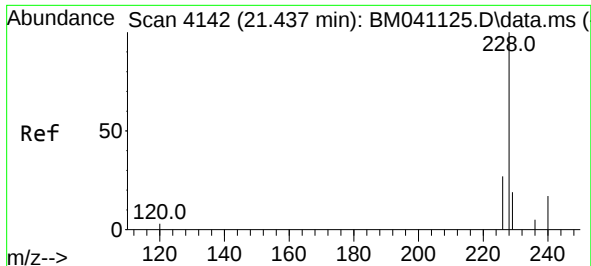
Tgt Ion:202 Resp: 11201
Ion Ratio Lower Upper
202 100
101 11.3 9.4 14.0
100 8.9 7.1 10.7



#20
Pyrene
Concen: 0.362 ng/u1
RT: 19.678 min Scan# 3645
Delta R.T. -0.005 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

Tgt Ion:202 Resp: 12325
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.5 8.5 12.7

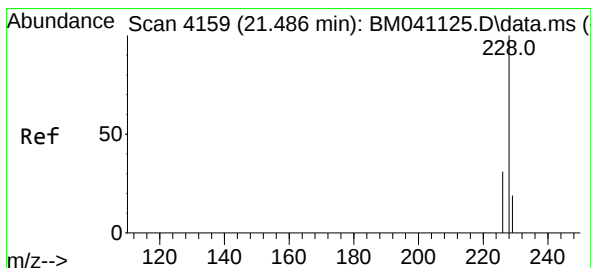
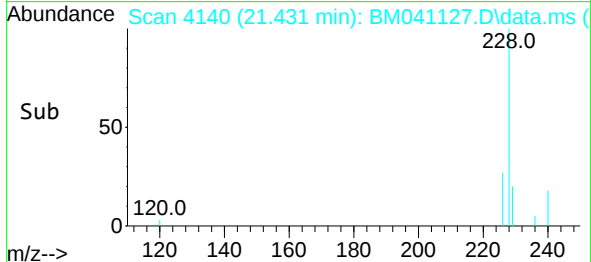
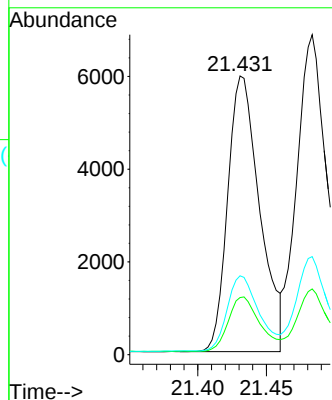
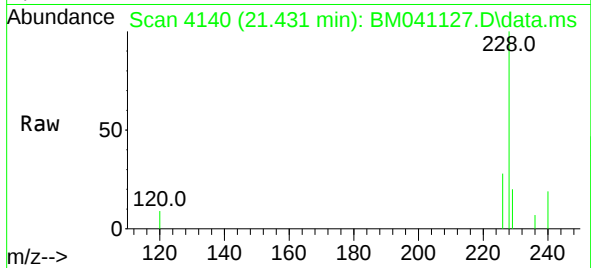




#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.431 min Scan# 4142
Delta R.T. -0.003 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

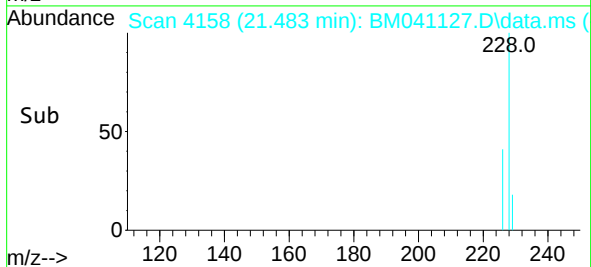
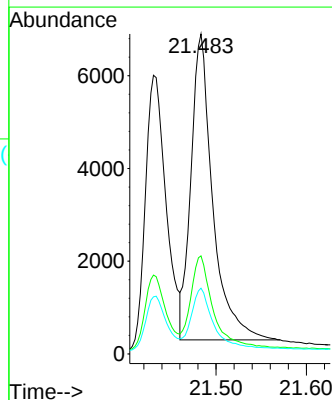
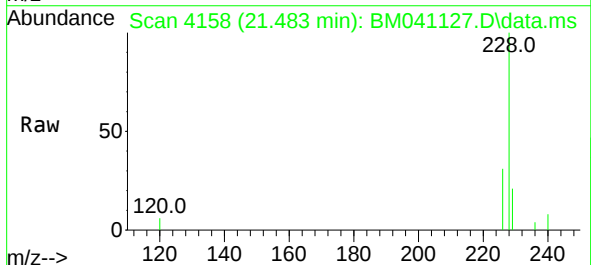
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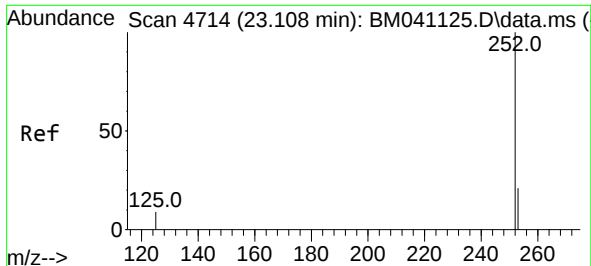
Tgt Ion:228	Resp:	9654
Ion Ratio	Lower	Upper
228	100	
229	20.5	16.5 24.7
226	28.3	22.2 33.2



#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

Tgt Ion:228	Resp:	11035
Ion Ratio	Lower	Upper
228	100	
226	30.7	24.2 36.4
229	20.6	15.9 23.9

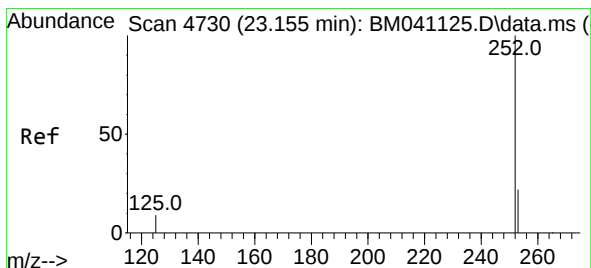
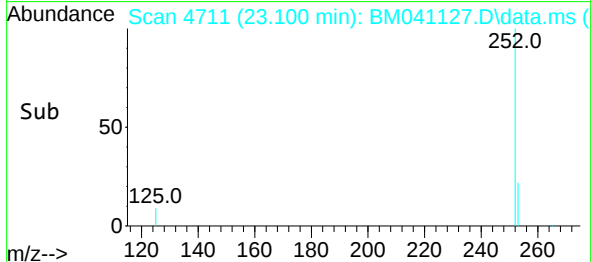
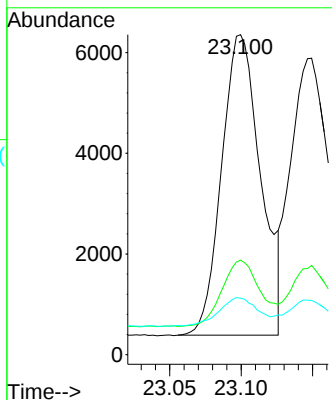
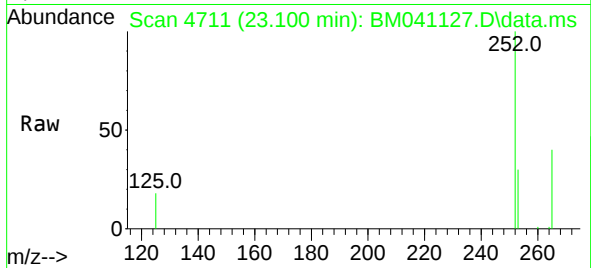




#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul
RT: 23.100 min Scan# 4711
Delta R.T. -0.006 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

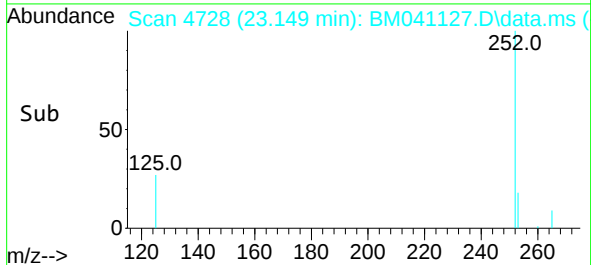
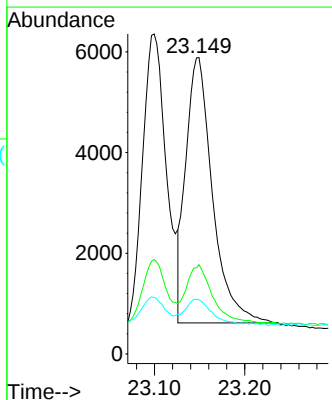
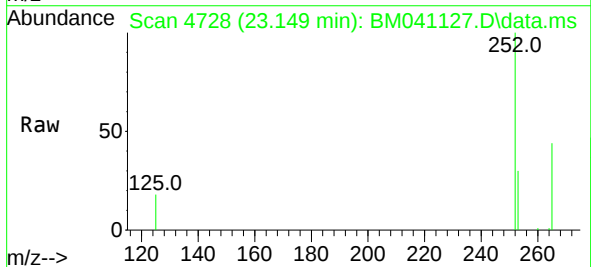
Instrument :
BNA_M
ClientSampleId :
SLCS056

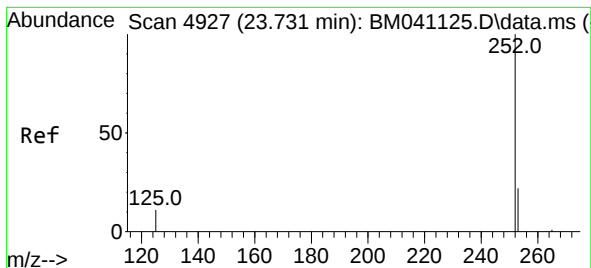
Tgt Ion:252 Resp: 11354
Ion Ratio Lower Upper
252 100
253 29.5 0.0 57.6
125 17.7 0.0 33.6



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. -0.006 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

Tgt Ion:252 Resp: 10838
Ion Ratio Lower Upper
252 100
253 30.1 22.8 34.2
125 18.3 13.5 20.3





#26

Benzo(a)pyrene

Concen: 0.358 ng/ul

RT: 23.722 min Scan# 4924

Delta R.T. -0.006 min

Lab File: BM041127.D

Acq: 26 Jul 2023 09:53

Instrument :

BNA_M

ClientSampleId :

SLCS056

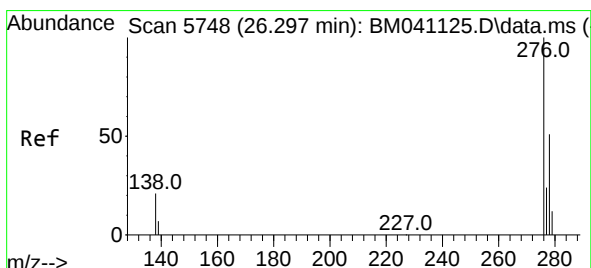
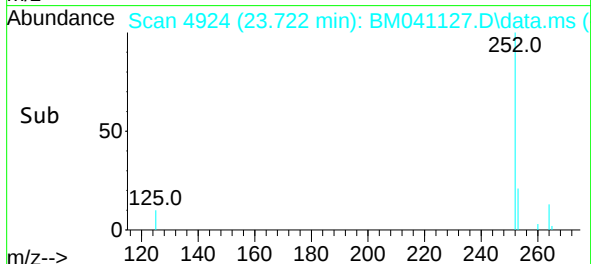
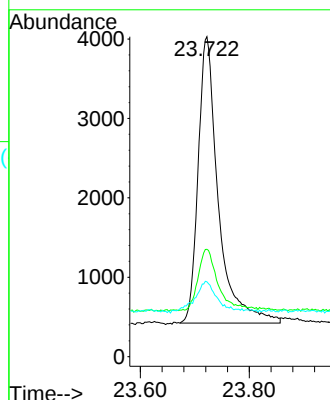
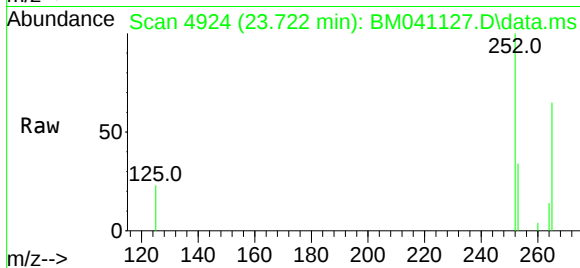
Tgt Ion:252 Resp: 9303

Ion Ratio Lower Upper

252 100

253 33.5 26.7 40.1

125 23.4 18.1 27.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.352 ng/ul

RT: 26.287 min Scan# 5745

Delta R.T. -0.010 min

Lab File: BM041127.D

Acq: 26 Jul 2023 09:53

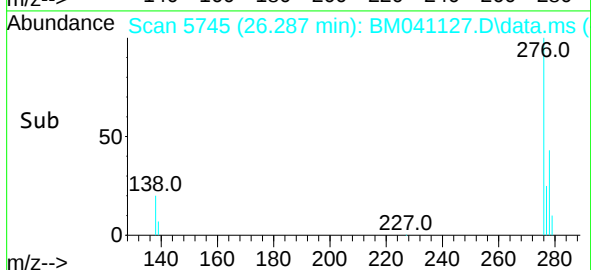
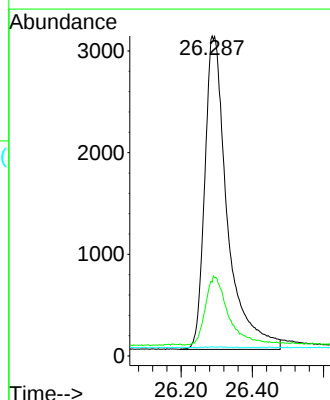
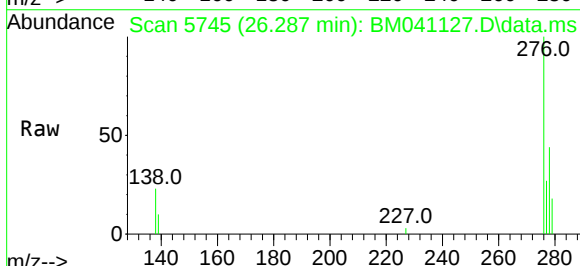
Tgt Ion:276 Resp: 13542

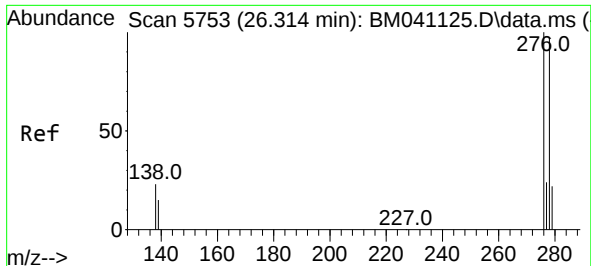
Ion Ratio Lower Upper

276 100

138 22.7 18.1 27.1

227 0.1 0.2 0.2#

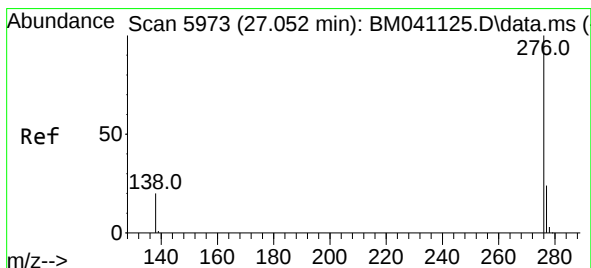
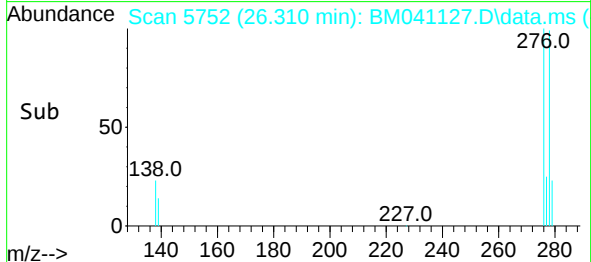
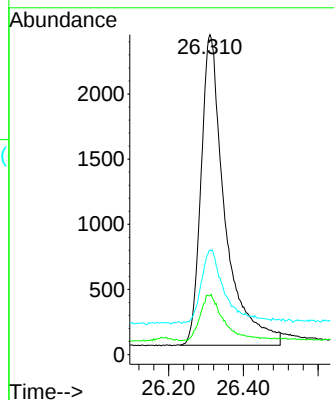
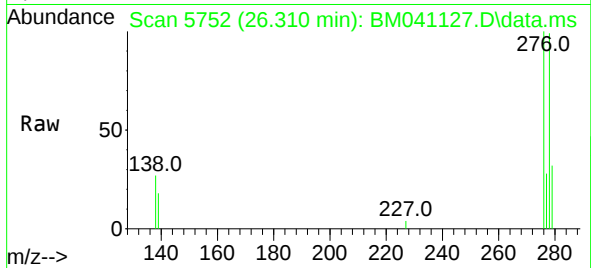




#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 26.310 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

Instrument :
BNA_M
ClientSampleId :
SLCS056

Tgt Ion:278 Resp: 10573
Ion Ratio Lower Upper
278 100
139 18.3 14.1 21.1
279 32.7 25.0 37.4



#29
Benzo(g,h,i)perylene
Concen: 0.350 ng/ul
RT: 27.038 min Scan# 5969
Delta R.T. -0.013 min
Lab File: BM041127.D
Acq: 26 Jul 2023 09:53

Tgt Ion:276 Resp: 12026
Ion Ratio Lower Upper
276 100
138 23.0 18.2 27.2
277 26.5 20.6 30.8

