

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041729.D
 Acq On : 08 Sep 2023 12:57
 Operator : MA/JU
 Sample : PB155209BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS209

Quant Time: Sep 08 22:54:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 06:08:11 2023
 Response via : Initial Calibration

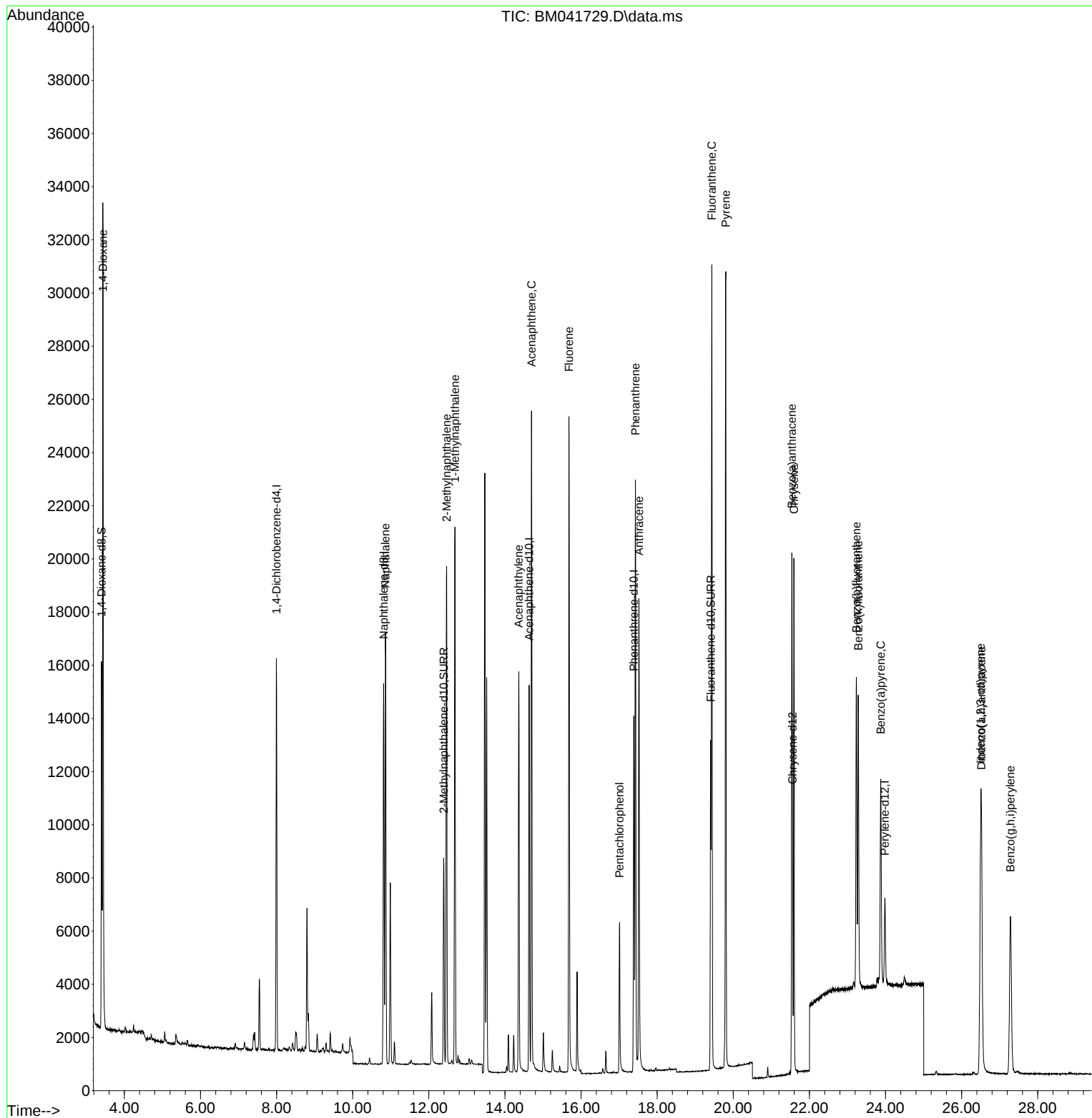
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	7166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	17572	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	7553	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	14780	0.400	ng/ul	0.00
17) Chrysene-d12	21.556	240	4851	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264	4369	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	7895	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	9511	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	11053	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	19050	1.674	ng/ul#	88
5) Naphthalene	10.862	128	21694	0.376	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	12759	0.390	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	13501	0.410	ng/ul	100
10) Acenaphthylene	14.365	152	17854	0.383	ng/ul	99
11) Acenaphthene	14.698	153	14034	0.387	ng/ul	99
12) Fluorene	15.684	166	15837	0.389	ng/ul	98
14) Pentachlorophenol	17.012	266	3979	0.673	ng/ul	100
15) Phenanthrene	17.430	178	24308	0.390	ng/ul	99
16) Anthracene	17.523	178	20885	0.391	ng/ul	100
19) Fluoranthene	19.436	202	24795	0.433	ng/ul	99
20) Pyrene	19.803	202	24726	0.435	ng/ul	99
21) Benzo(a)anthracene	21.539	228	15527	0.392	ng/ul	99
22) Chrysene	21.594	228	16312	0.382	ng/ul	100
24) Benzo(b)fluoranthene	23.234	252	15347	0.393	ng/ul	98
25) Benzo(k)fluoranthene	23.284	252	14451	0.378	ng/ul	99
26) Benzo(a)pyrene	23.874	252	12013	0.378	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.502	276	15587	0.358	ng/ul	95
28) Dibenzo(a,h)anthracene	26.522	278	11093	0.363	ng/ul	98
29) Benzo(g,h,i)perylene	27.283	276	13537	0.351	ng/ul	98

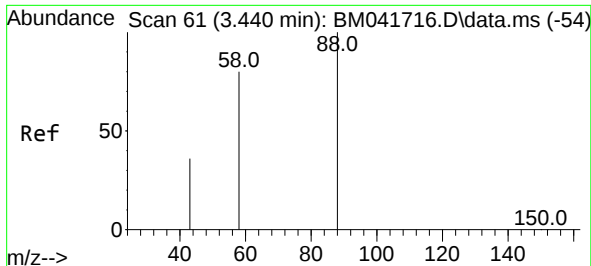
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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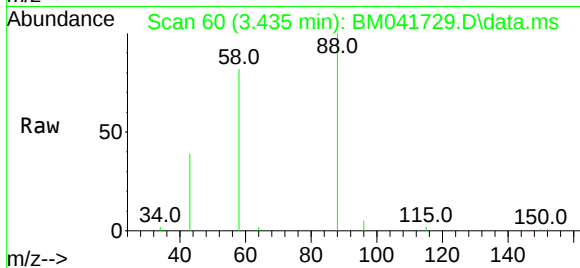
Quant Time: Sep 08 22:54:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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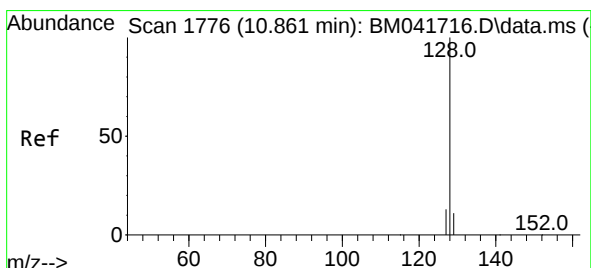
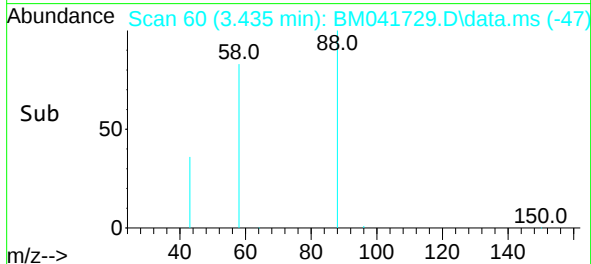
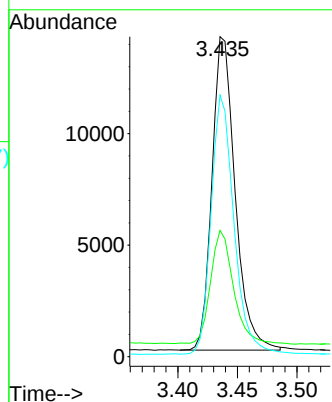


#2
1,4-Dioxane
Concen: 1.674 ng/ul
RT: 3.435 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

Instrument :
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ClientSampleId :
SLCS209

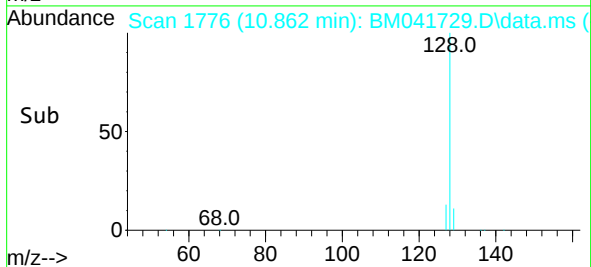
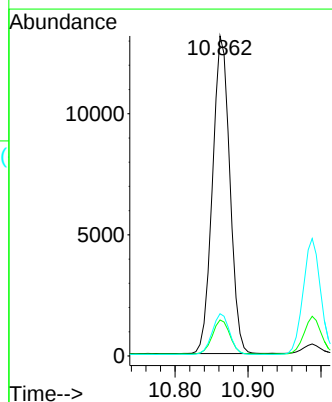
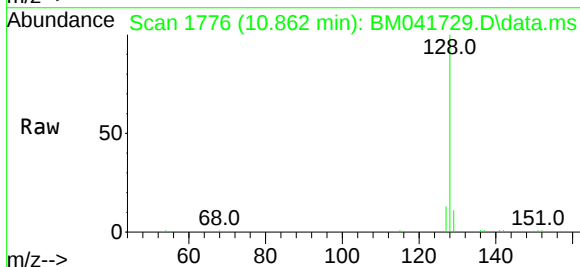


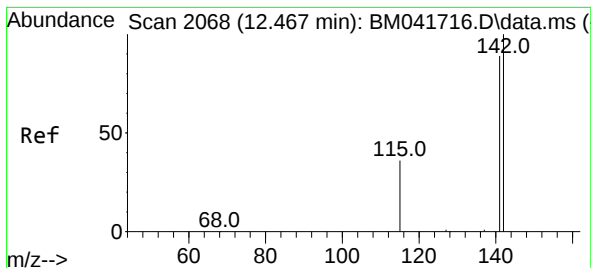
Tgt Ion: 88 Resp: 19050
Ion Ratio Lower Upper
88 100
43 39.4 33.8 50.6
58 81.7 54.2 81.2#



#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

Tgt Ion: 128 Resp: 21694
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.2 11.0 16.6

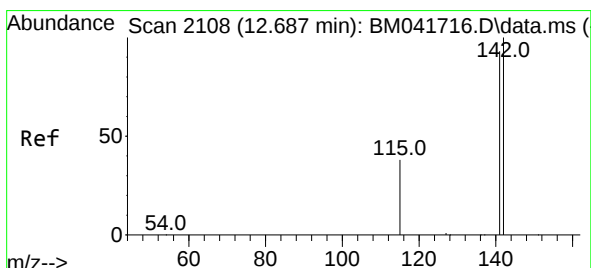
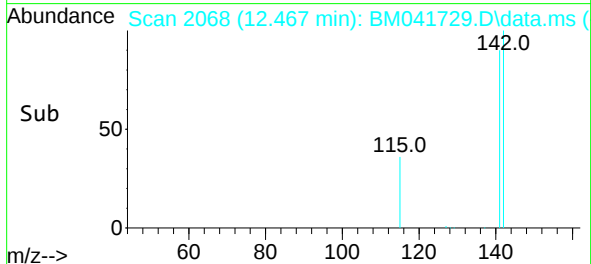
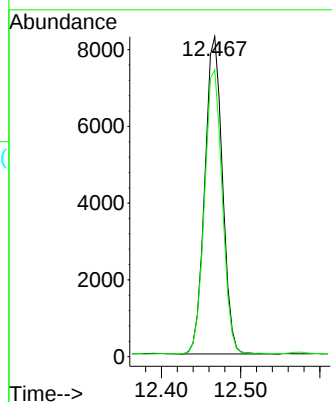
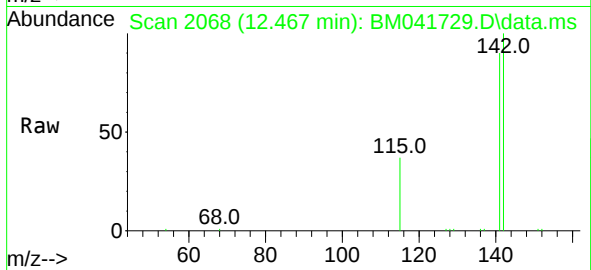




#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

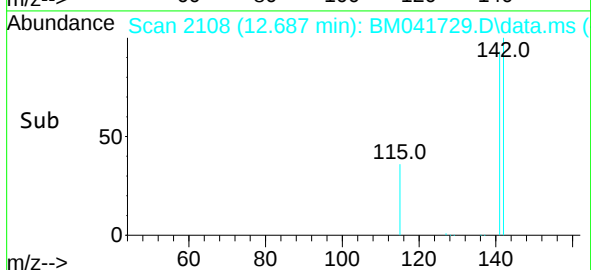
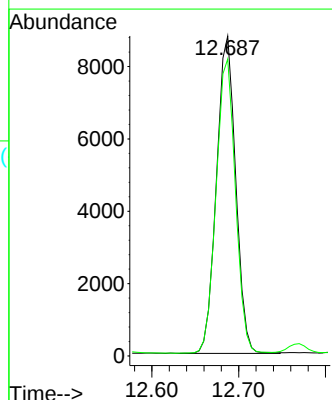
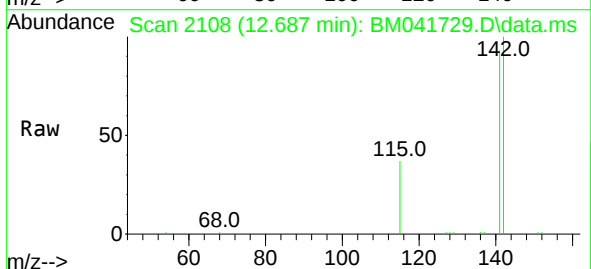
Instrument :
BNA_M
ClientSampleId :
SLCS209

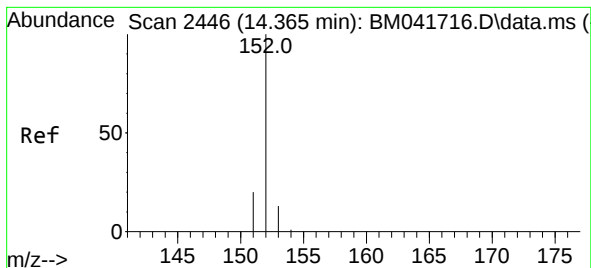
Tgt Ion:142 Resp: 12759
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

Tgt Ion:142 Resp: 13501
Ion Ratio Lower Upper
142 100
141 93.5 74.4 111.6





#10

Acenaphthylene

Concen: 0.383 ng/u1

RT: 14.365 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BM041729.D

Acq: 08 Sep 2023 12:57

Instrument :

BNA_M

ClientSampleId :

SLCS209

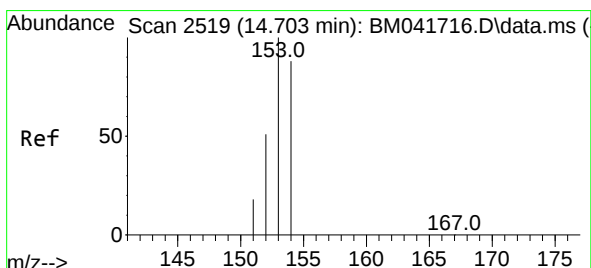
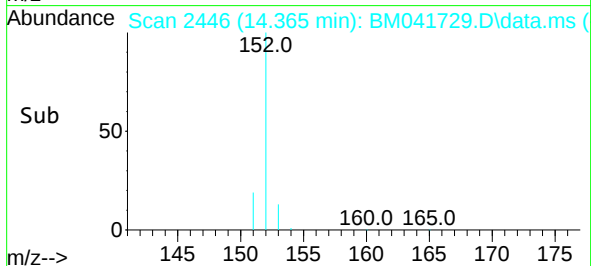
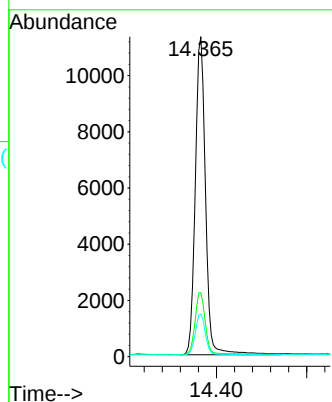
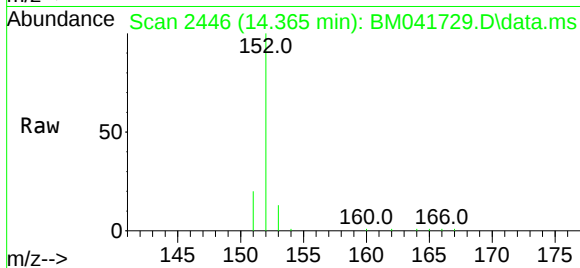
Tgt Ion:152 Resp: 17854

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 13.4 11.1 16.7



#11

Acenaphthene

Concen: 0.387 ng/u1

RT: 14.698 min Scan# 2518

Delta R.T. -0.005 min

Lab File: BM041729.D

Acq: 08 Sep 2023 12:57

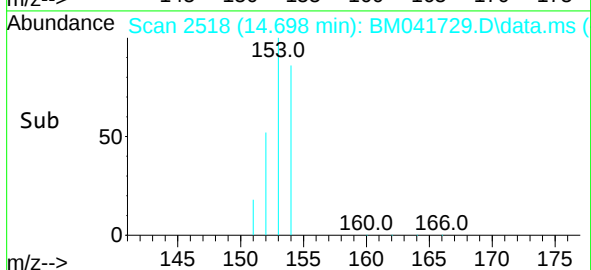
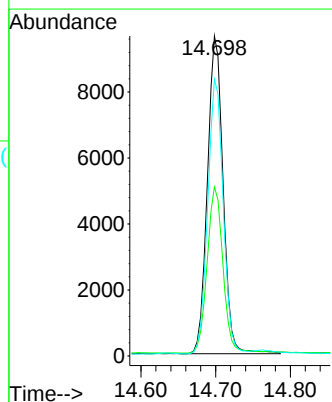
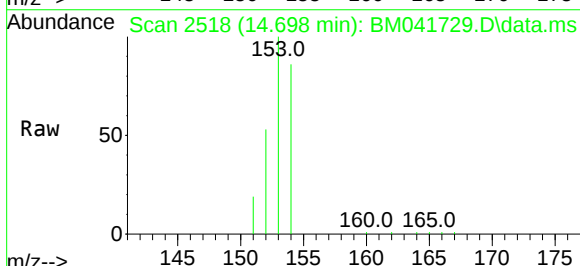
Tgt Ion:153 Resp: 14034

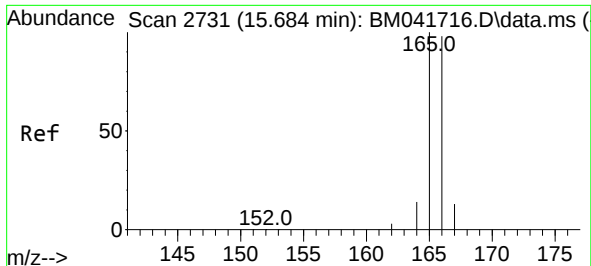
Ion Ratio Lower Upper

153 100

152 52.9 43.4 65.2

154 86.4 69.4 104.0

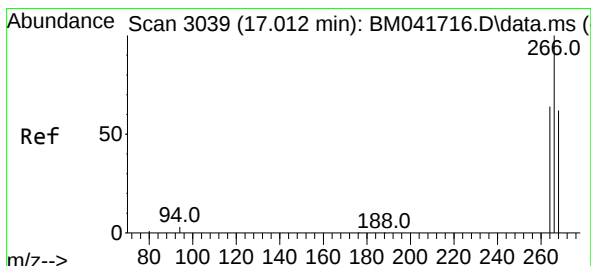
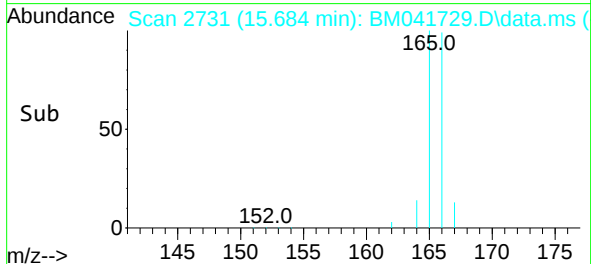
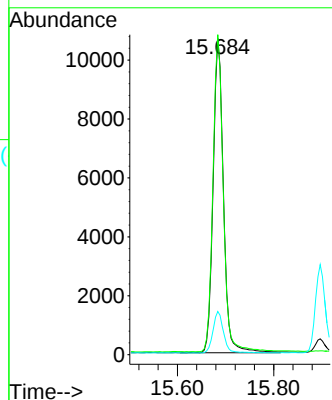
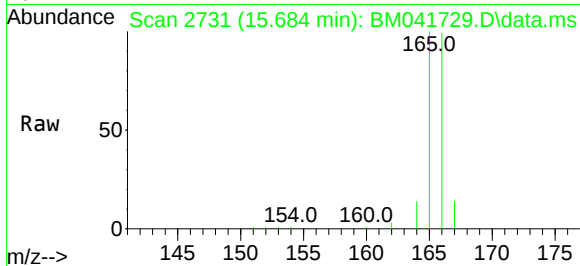




#12
 Fluorene
 Concen: 0.389 ng/ul
 RT: 15.684 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041729.D
 Acq: 08 Sep 2023 12:57

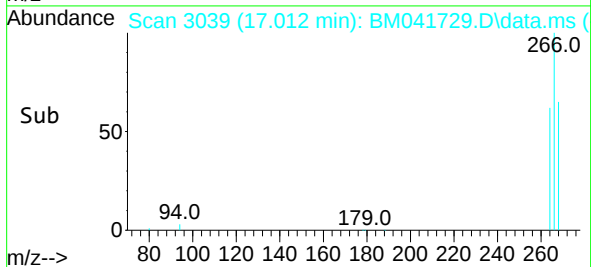
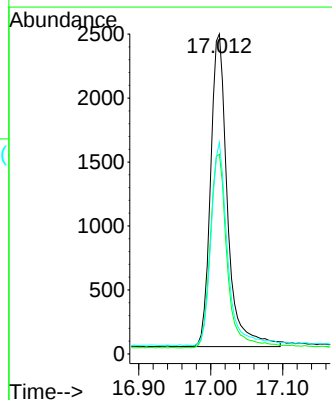
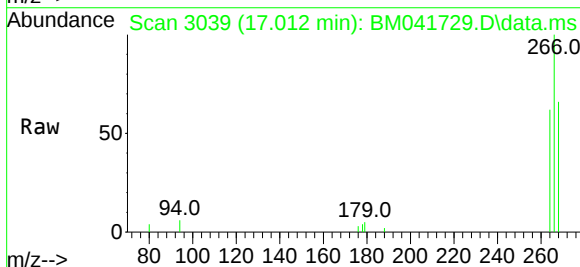
Instrument :
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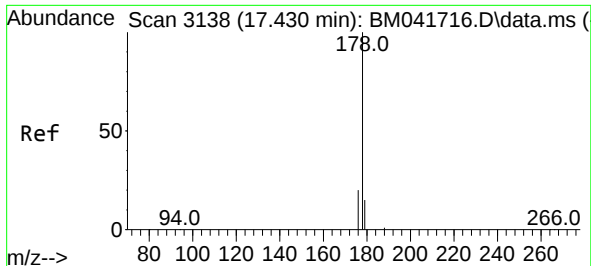
Tgt Ion:	166	Resp:	15837
Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.4	119.2
167	13.7	11.3	16.9



#14
 Pentachlorophenol
 Concen: 0.673 ng/ul
 RT: 17.012 min Scan# 3039
 Delta R.T. 0.000 min
 Lab File: BM041729.D
 Acq: 08 Sep 2023 12:57

Tgt Ion:	266	Resp:	3979
Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.0	75.0
268	63.6	50.8	76.2

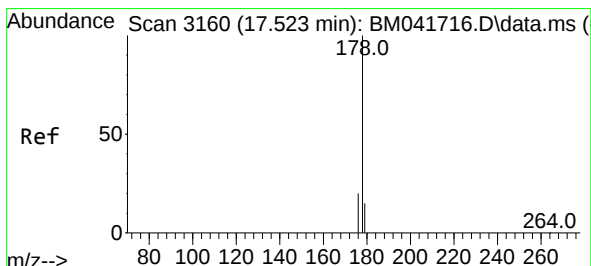
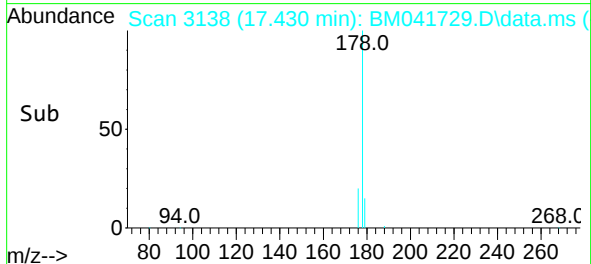
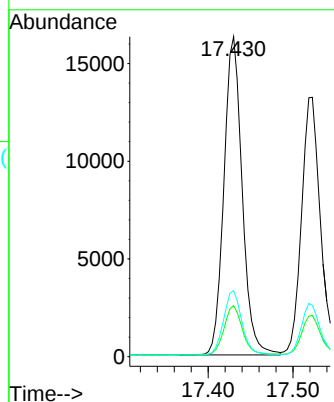
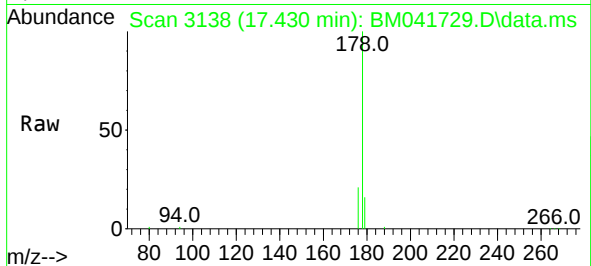




#15
Phenanthrene
Concen: 0.390 ng/u1
RT: 17.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

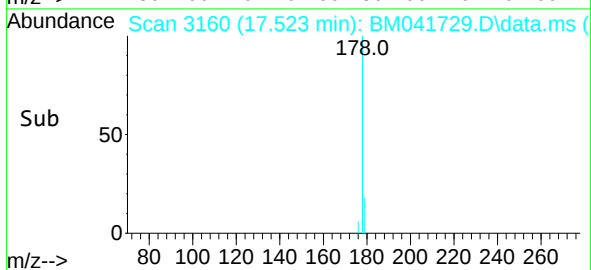
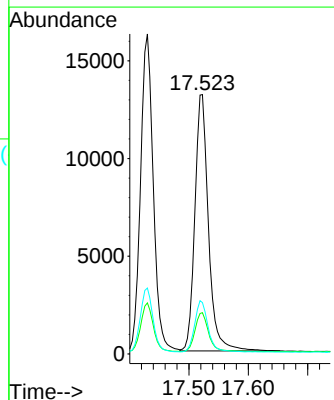
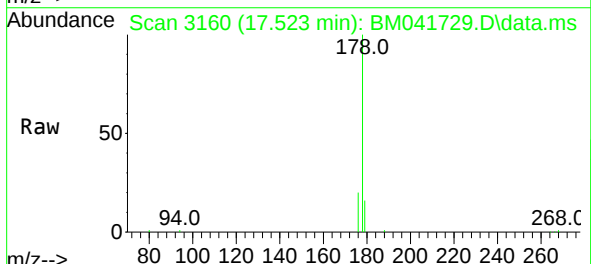
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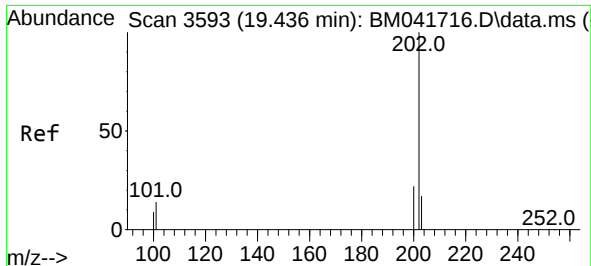
Tgt Ion:178 Resp: 24308
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 20.6 16.9 25.3



#16
Anthracene
Concen: 0.391 ng/u1
RT: 17.523 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

Tgt Ion:178 Resp: 20885
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.8 15.8 23.8

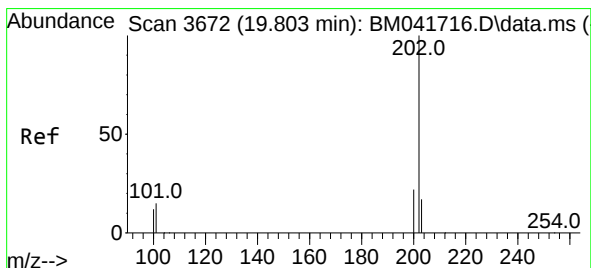
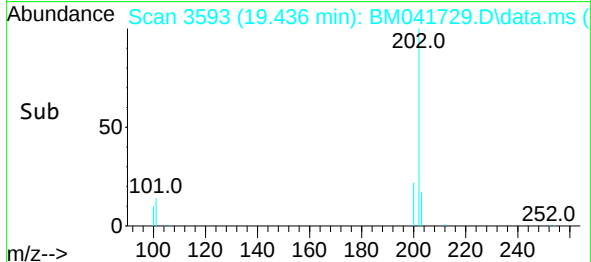
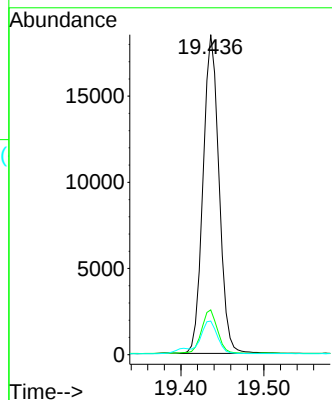
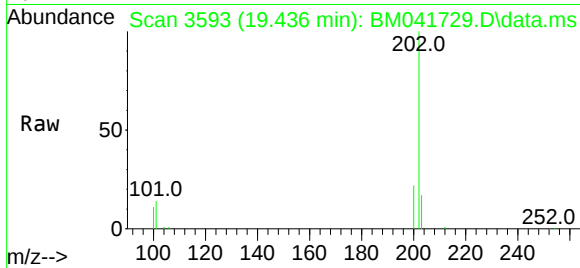




#19
Fluoranthene
Concen: 0.433 ng/u1
RT: 19.436 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

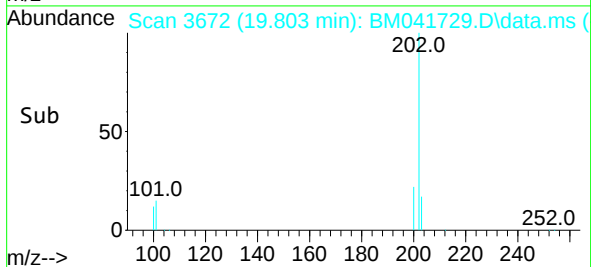
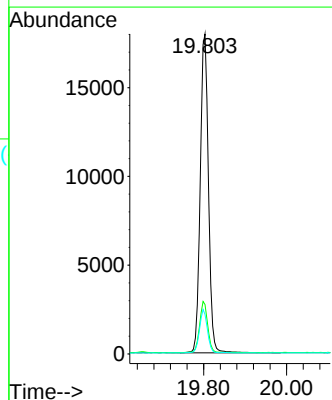
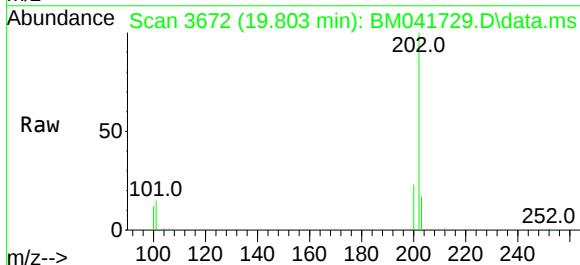
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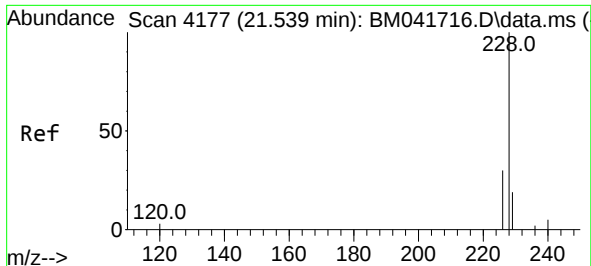
Tgt Ion:202 Resp: 24795
Ion Ratio Lower Upper
202 100
101 14.0 10.5 15.7
100 10.5 8.4 12.6



#20
Pyrene
Concen: 0.435 ng/u1
RT: 19.803 min Scan# 3672
Delta R.T. 0.000 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

Tgt Ion:202 Resp: 24726
Ion Ratio Lower Upper
202 100
101 15.4 11.8 17.8
100 12.3 9.8 14.6

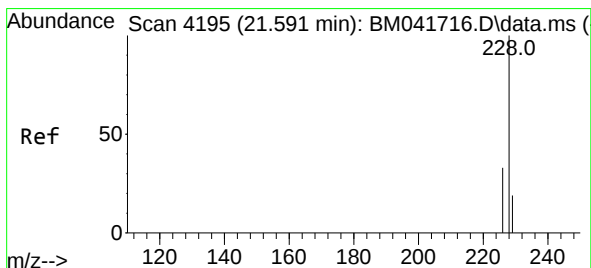
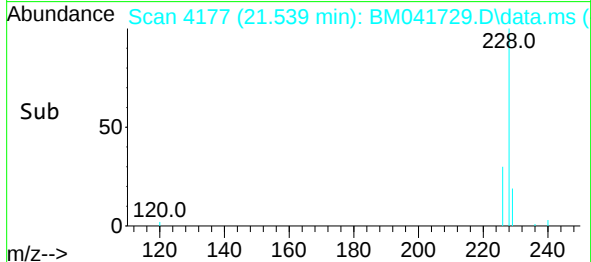
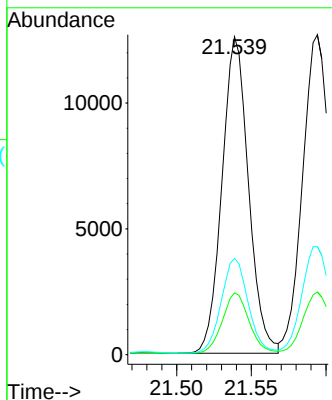
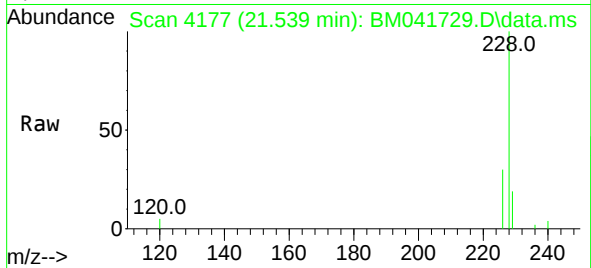




#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.539 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

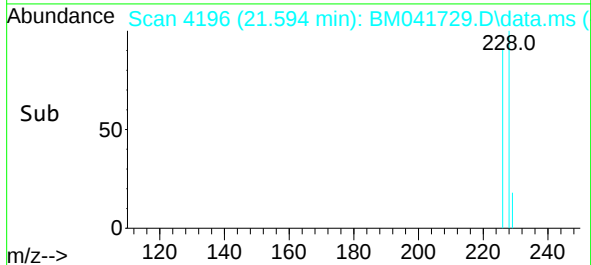
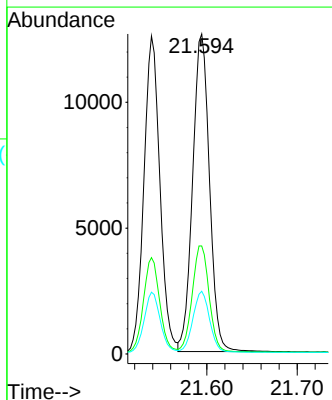
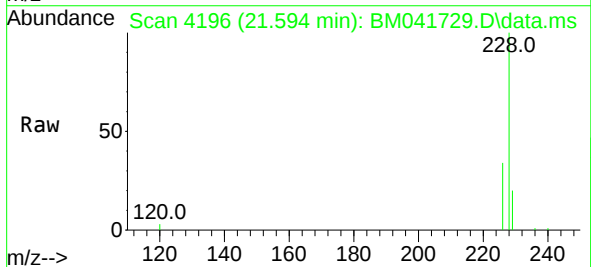
Instrument :
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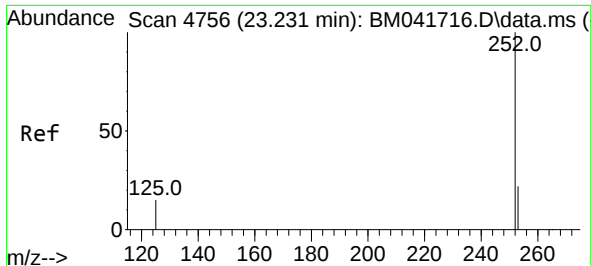
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Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 30.3 24.8 37.2



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.594 min Scan# 4196
Delta R.T. 0.003 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

Tgt Ion:228 Resp: 16312
Ion Ratio Lower Upper
228 100
226 33.8 27.0 40.6
229 19.6 15.4 23.2

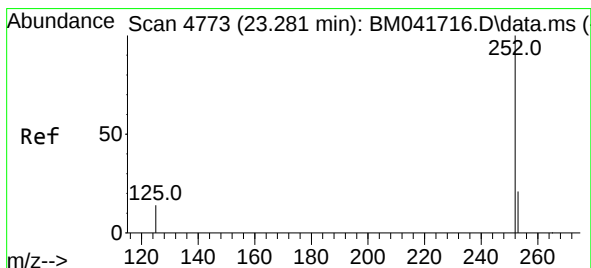
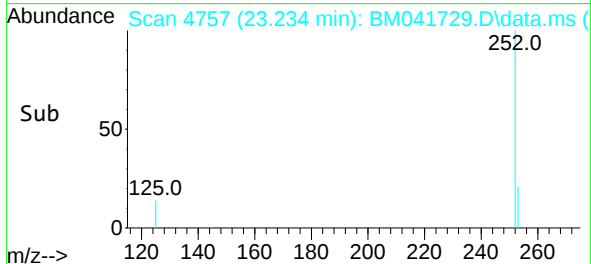
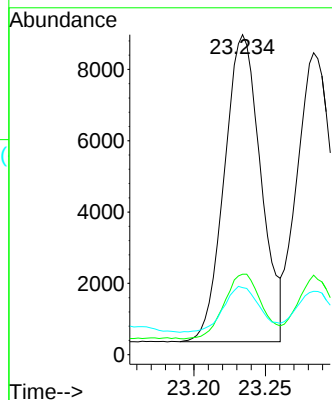
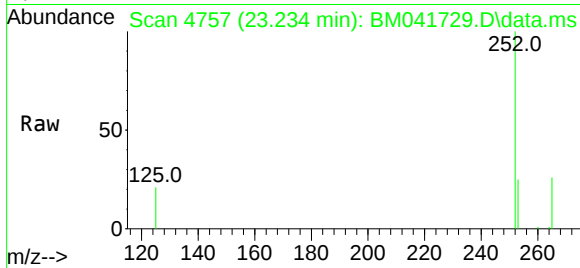




#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 23.234 min Scan# 4756
Delta R.T. 0.003 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

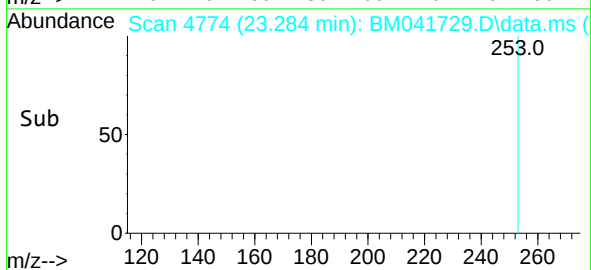
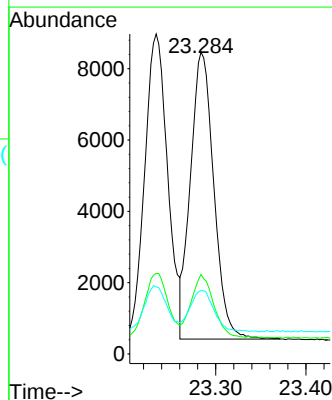
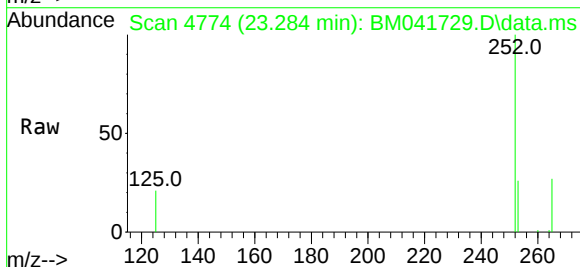
Instrument :
BNA_M
ClientSampleId :
SLCS209

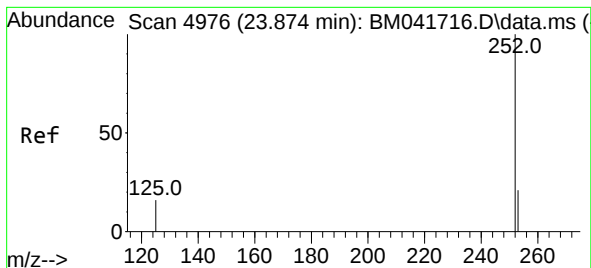
Tgt Ion:252 Resp: 15347
Ion Ratio Lower Upper
252 100
253 25.2 0.0 52.4
125 21.0 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. 0.003 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

Tgt Ion:252 Resp: 14451
Ion Ratio Lower Upper
252 100
253 26.3 21.3 31.9
125 21.0 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.378 ng/ul

RT: 23.874 min Scan# 4976

Delta R.T. 0.000 min

Lab File: BM041729.D

Acq: 08 Sep 2023 12:57

Instrument :

BNA_M

ClientSampleId :

SLCS209

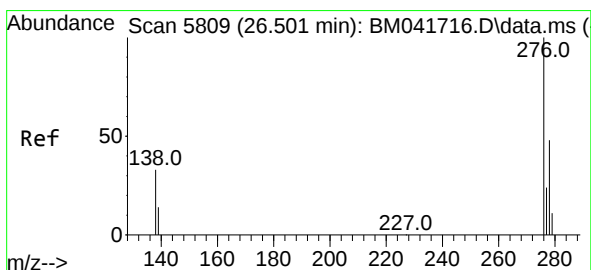
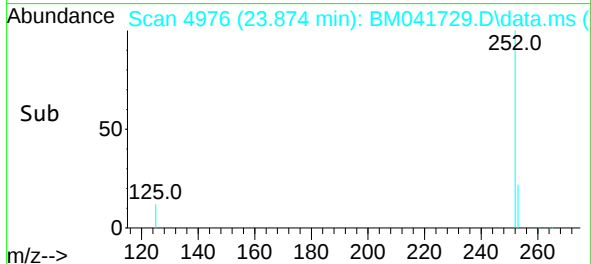
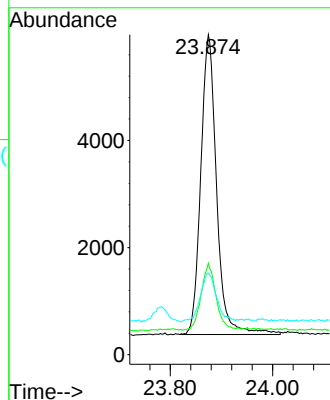
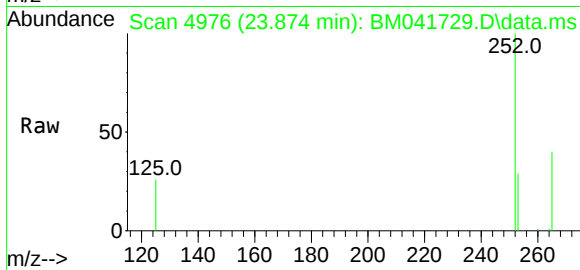
Tgt Ion:252 Resp: 12013

Ion Ratio Lower Upper

252 100

253 28.6 22.4 33.6

125 25.6 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.358 ng/ul

RT: 26.502 min Scan# 5809

Delta R.T. 0.000 min

Lab File: BM041729.D

Acq: 08 Sep 2023 12:57

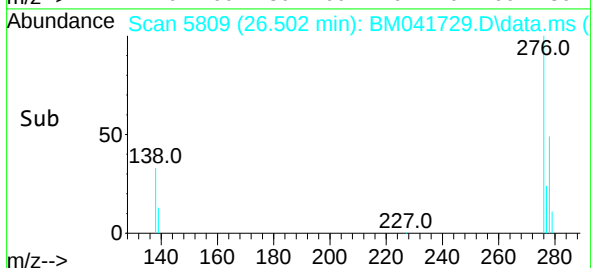
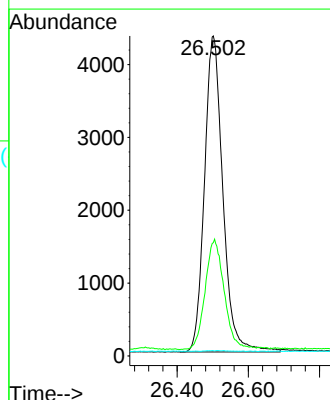
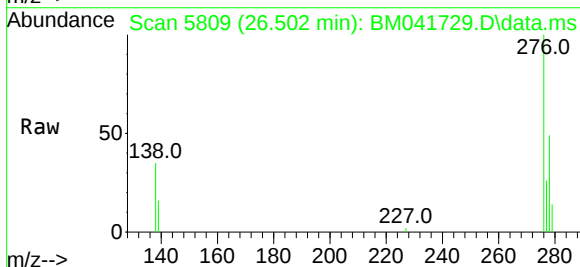
Tgt Ion:276 Resp: 15587

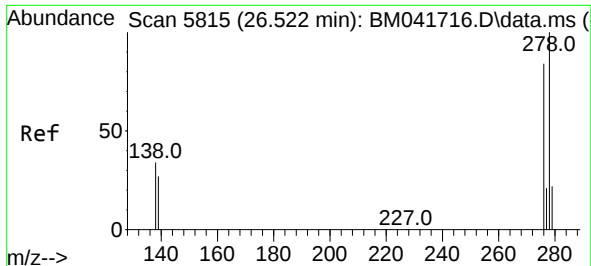
Ion Ratio Lower Upper

276 100

138 36.1 26.4 39.6

227 0.1 0.1 0.1

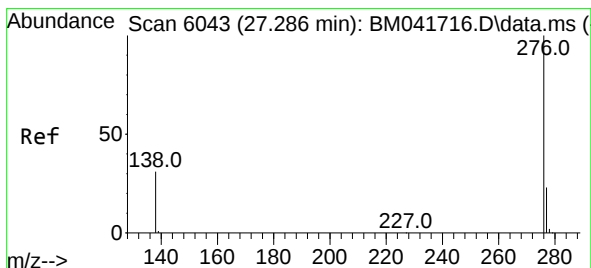
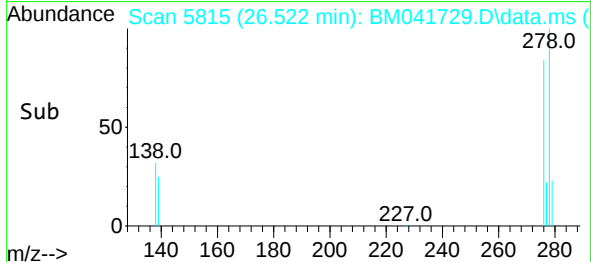
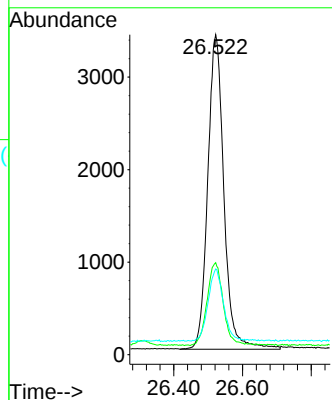
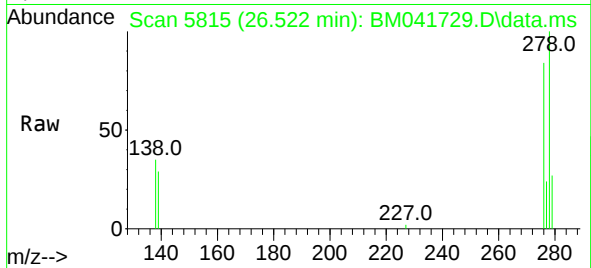




#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 26.522 min Scan# 5815
Delta R.T. 0.000 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

Instrument :
BNA_M
ClientSampleId :
SLCS209

Tgt Ion:278 Resp: 11093
Ion Ratio Lower Upper
278 100
139 28.8 23.0 34.6
279 26.8 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 27.283 min Scan# 6042
Delta R.T. -0.003 min
Lab File: BM041729.D
Acq: 08 Sep 2023 12:57

Tgt Ion:276 Resp: 13537
Ion Ratio Lower Upper
276 100
138 32.9 25.0 37.4
277 24.9 20.2 30.2

