

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038546.D
 Acq On : 26 Jan 2023 13:11
 Operator : CG/JU
 Sample : PB150439BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS439

Quant Time: Jan 27 00:43:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 00:18:15 2023
 Response via : Initial Calibration

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

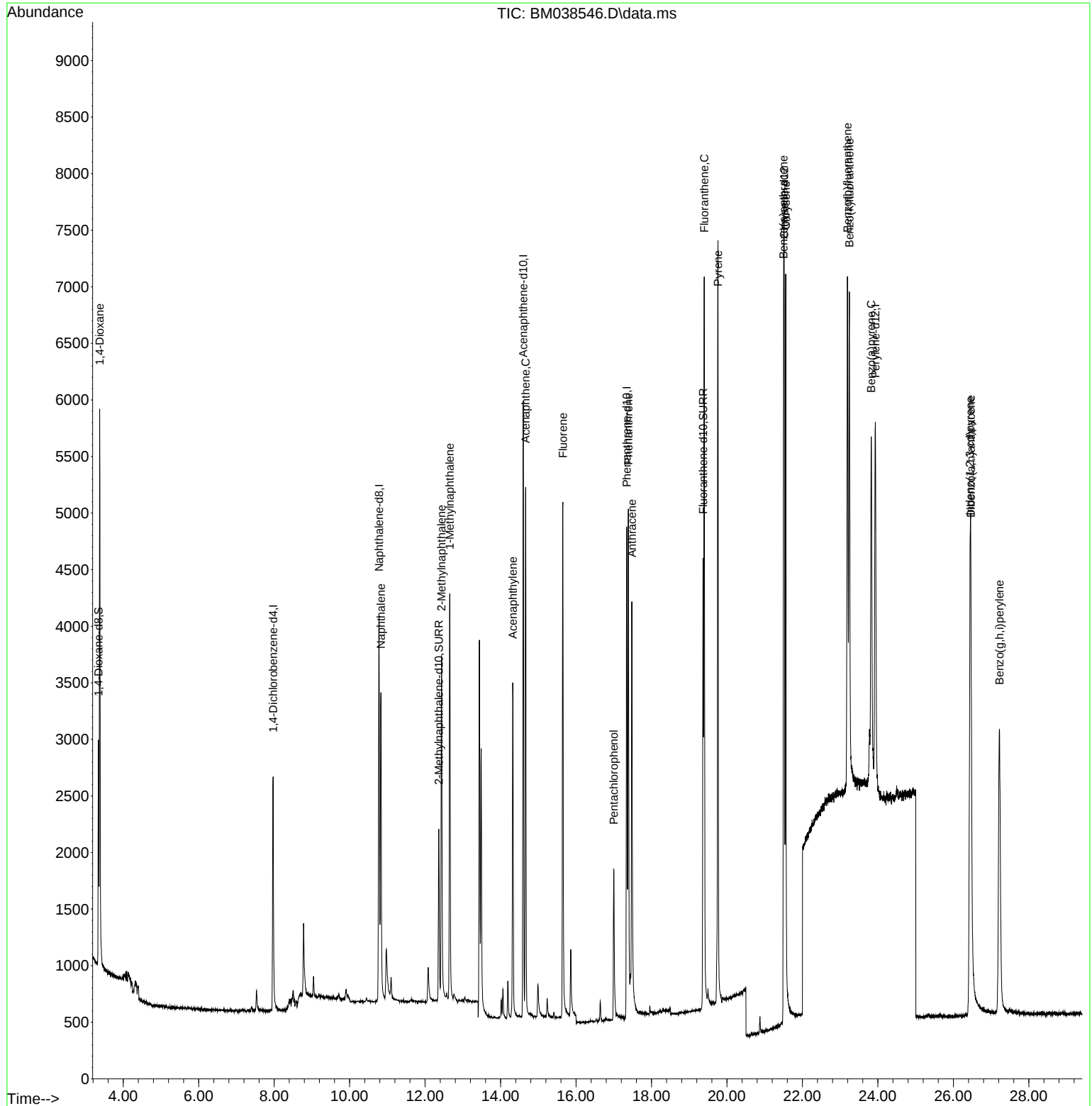
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	1241	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	5103	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	2952	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	6078	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	5369	0.400	ng/ul	0.00
23) Perylene-d12	23.933	264	5176	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1215	0.746	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	2186	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	4987	0.325	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	3136	1.896	ng/ul#	23
5) Naphthalene	10.829	128	3839	0.231	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	2395	0.273	ng/ul	97
8) 1-Methylnaphthalene	12.654	142	2493	0.276	ng/ul	98
10) Acenaphthylene	14.324	152	3632	0.279	ng/ul	99
11) Acenaphthene	14.666	153	2793	0.282	ng/ul	100
12) Fluorene	15.651	166	3212	0.259	ng/ul	100
14) Pentachlorophenol	16.999	266	1149	0.464	ng/ul	99
15) Phenanthrene	17.388	178	5087	0.259	ng/ul	98
16) Anthracene	17.481	178	4649	0.278	ng/ul	97
19) Fluoranthene	19.399	202	6222	0.325	ng/ul	98
20) Pyrene	19.761	202	6544	0.318	ng/ul	99
21) Benzo(a)anthracene	21.501	228	5662	0.297	ng/ul	100
22) Chrysene	21.556	228	5839	0.305	ng/ul	99
24) Benzo(b)fluoranthene	23.193	252	6507	0.334	ng/ul	94
25) Benzo(k)fluoranthene	23.243	252	6391	0.338	ng/ul#	96
26) Benzo(a)pyrene	23.825	252	5768	0.330	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.441	276	7403	0.301	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.465	278	5895	0.301	ng/ul	95
29) Benzo(g,h,i)perylene	27.223	276	6655	0.311	ng/ul	99

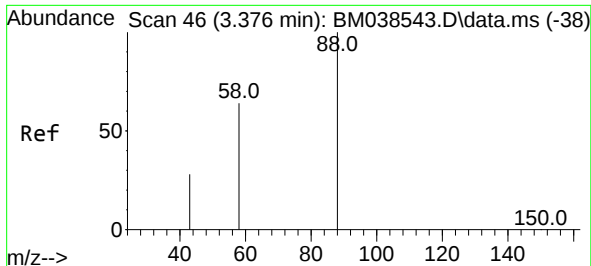
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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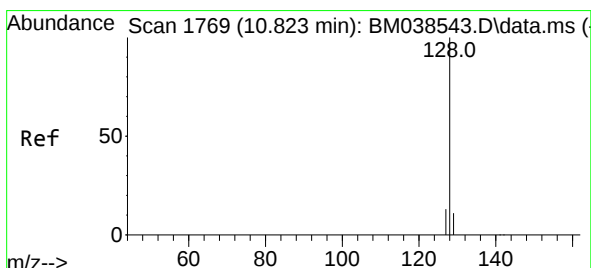
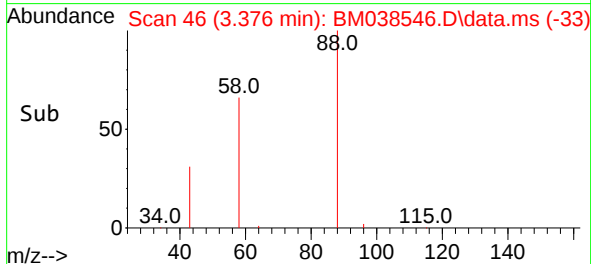
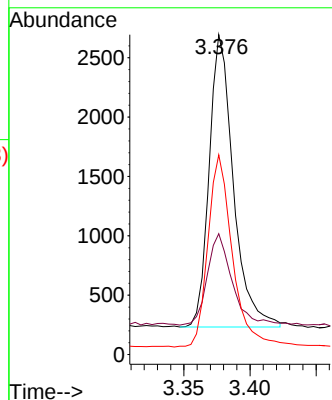
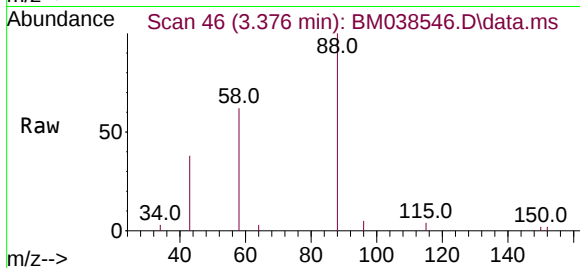




#2
1,4-Dioxane
Concen: 1.896 ng/ul
RT: 3.376 min Scan# 46
Delta R.T. -0.004 min
Lab File: BM038546.D
Acq: 26 Jan 2023 13:11

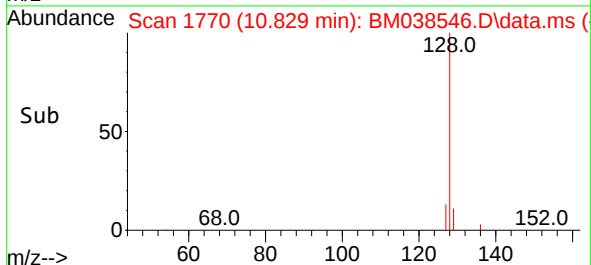
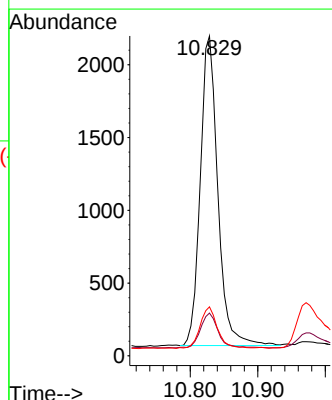
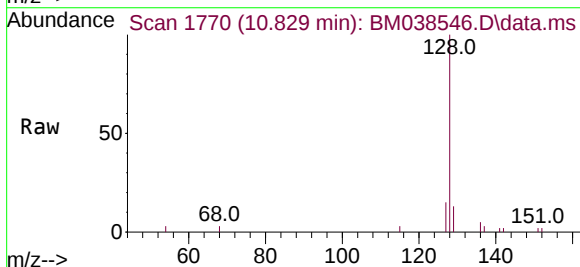
Instrument :
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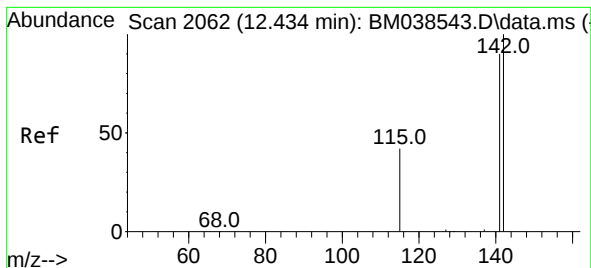
Tgt Ion: 88 Resp: 3136
Ion Ratio Lower Upper
88 100
43 37.8 141.3 211.9#
58 62.4 45.7 68.5



#5
Naphthalene
Concen: 0.231 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BM038546.D
Acq: 26 Jan 2023 13:11

Tgt Ion: 128 Resp: 3839
Ion Ratio Lower Upper
128 100
129 13.4 10.3 15.5
127 15.3 11.9 17.9

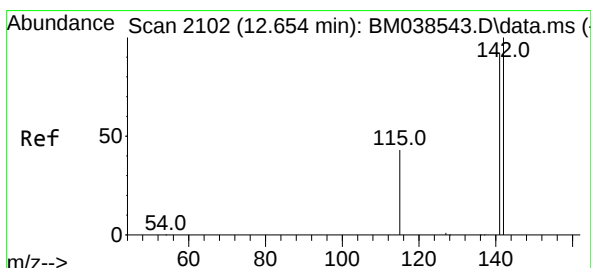
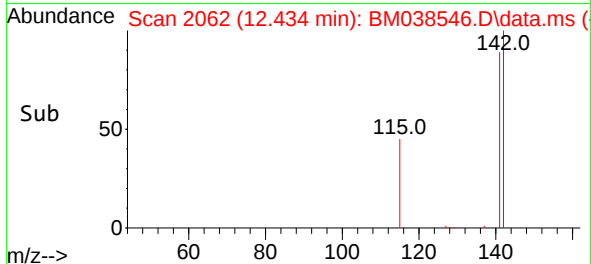
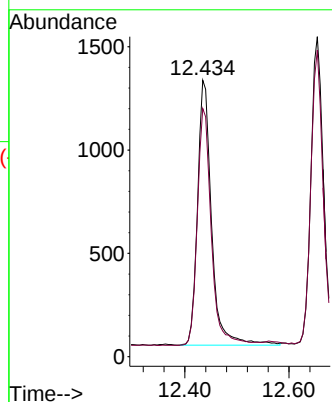
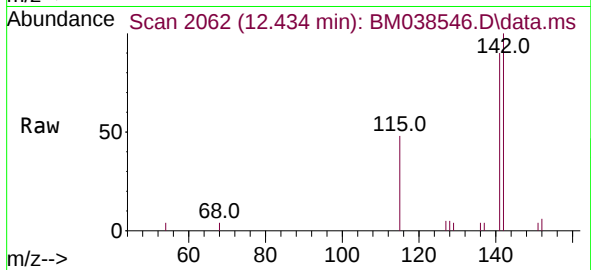




#7
2-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM038546.D
Acq: 26 Jan 2023 13:11

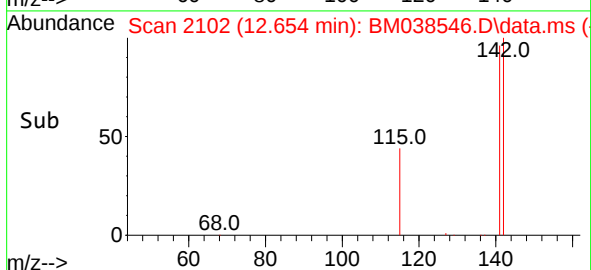
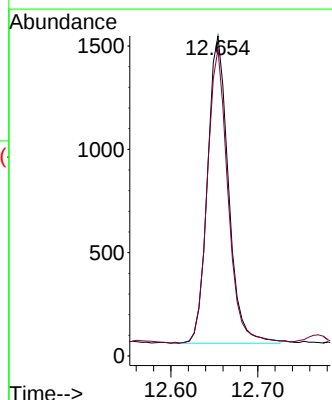
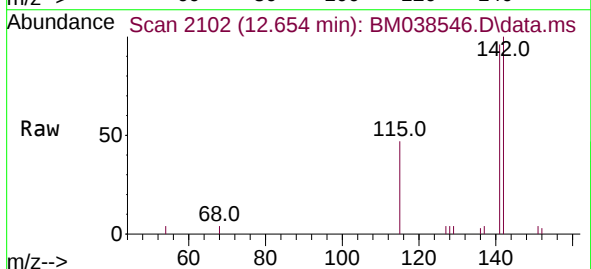
Instrument :
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ClientSampleId :
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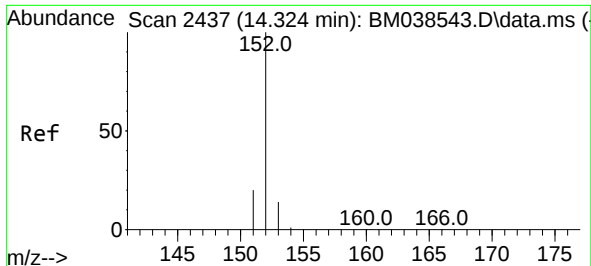
Tgt Ion:142 Resp: 2395
Ion Ratio Lower Upper
142 100
141 89.4 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM038546.D
Acq: 26 Jan 2023 13:11

Tgt Ion:142 Resp: 2493
Ion Ratio Lower Upper
142 100
141 94.3 74.0 111.0

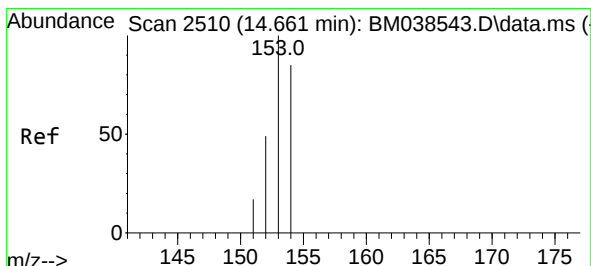
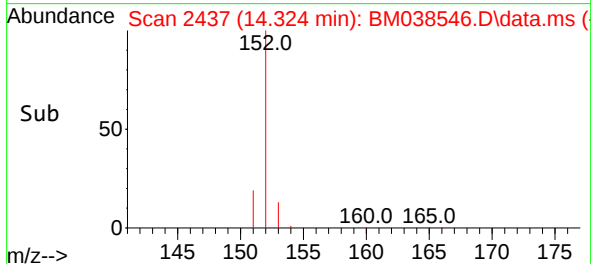
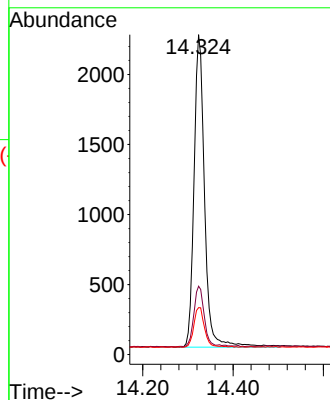
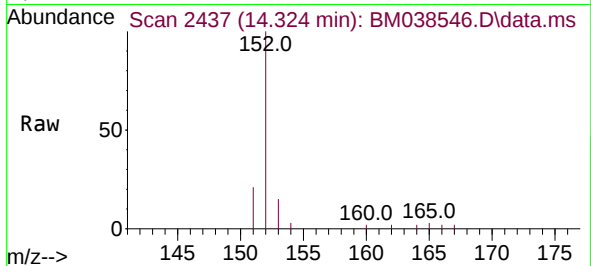




#10
Acenaphthylene
Concen: 0.279 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM038546.D
Acq: 26 Jan 2023 13:11

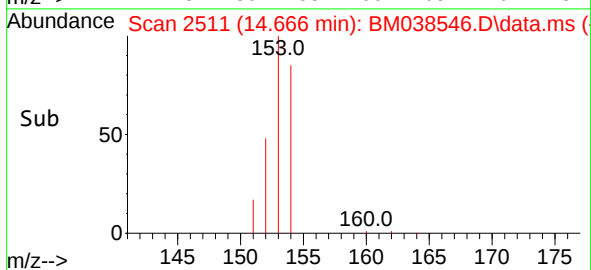
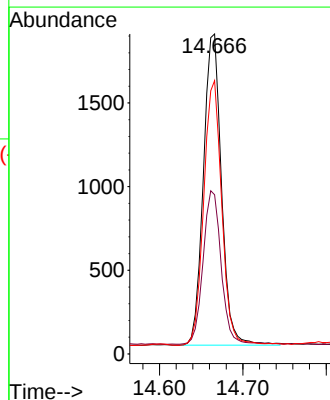
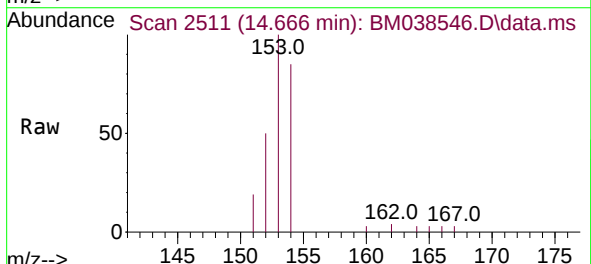
Instrument :
BNA_M
ClientSampleId :
SLCS439

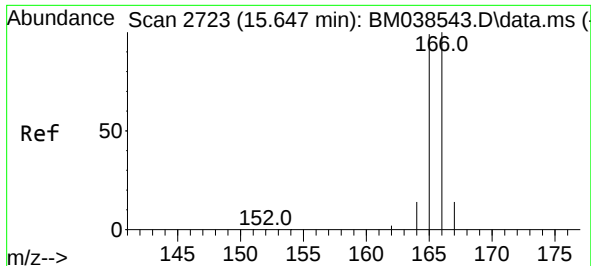
Tgt Ion:	152	Resp:	3632
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.3	24.5
153	14.7	11.8	17.6



#11
Acenaphthene
Concen: 0.282 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.005 min
Lab File: BM038546.D
Acq: 26 Jan 2023 13:11

Tgt Ion:	153	Resp:	2793
Ion Ratio	Lower	Upper	
153	100		
152	49.7	40.1	60.1
154	85.4	68.4	102.6

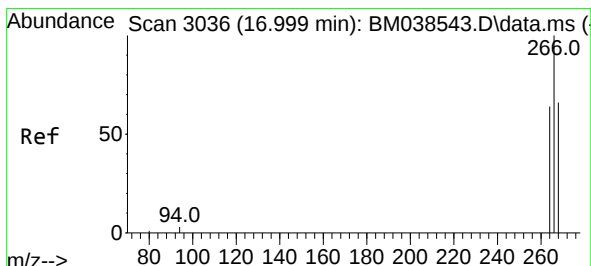
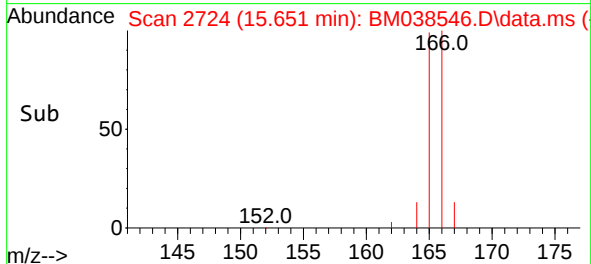
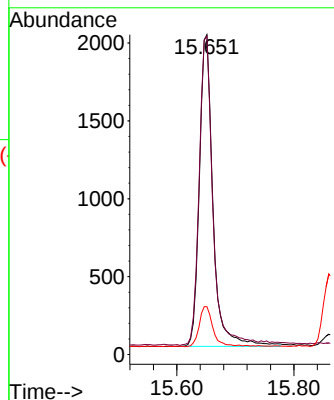
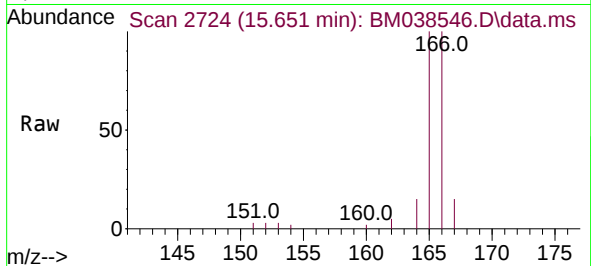




#12
Fluorene
Concen: 0.259 ng/ul
RT: 15.651 min Scan# 2724
Delta R.T. 0.005 min
Lab File: BM038546.D
Acq: 26 Jan 2023 13:11

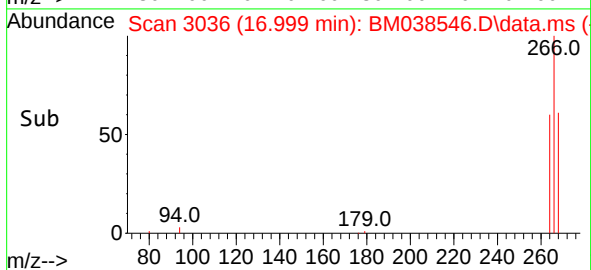
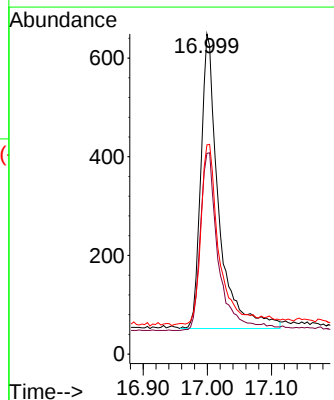
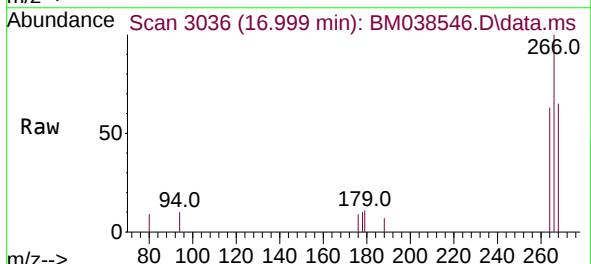
Instrument :
BNA_M
ClientSampleId :
SLCS439

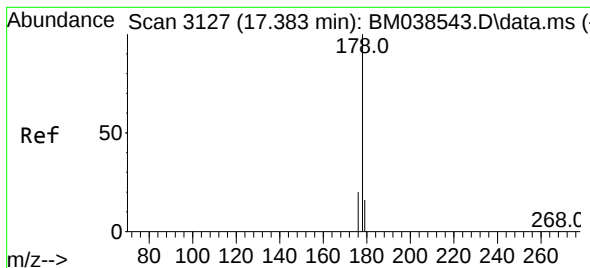
Tgt Ion:166 Resp: 3212
Ion Ratio Lower Upper
166 100
165 99.5 79.3 118.9
167 14.9 11.9 17.9



#14
Pentachlorophenol
Concen: 0.464 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.000 min
Lab File: BM038546.D
Acq: 26 Jan 2023 13:11

Tgt Ion:266 Resp: 1149
Ion Ratio Lower Upper
266 100
264 61.5 49.4 74.2
268 65.6 51.7 77.5





#15

Phenanthrene

Concen: 0.259 ng/ul

RT: 17.388 min Scan# 3127

Delta R.T. 0.004 min

Lab File: BM038546.D

Acq: 26 Jan 2023 13:11

Instrument :

BNA_M

ClientSampleId :

SLCS439

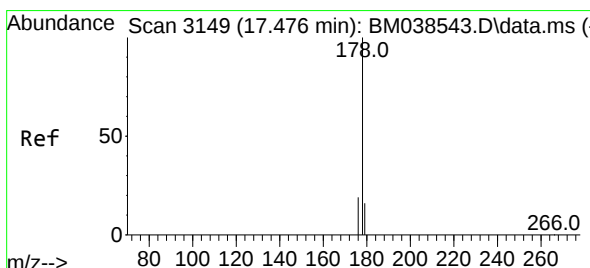
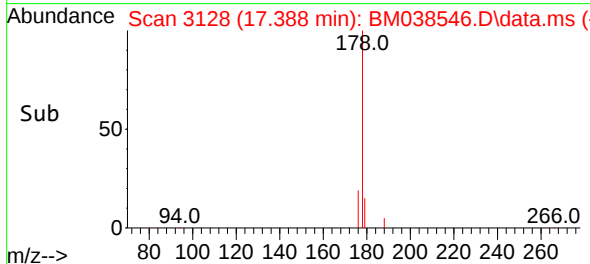
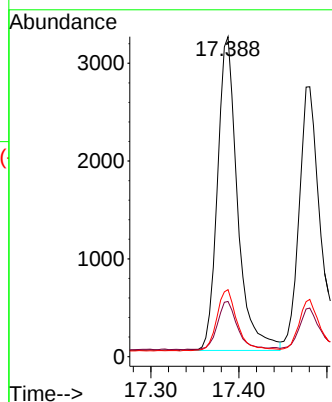
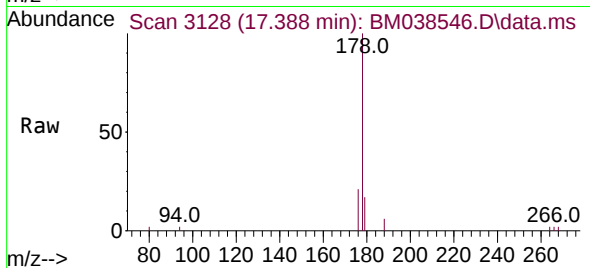
Tgt Ion:178 Resp: 5087

Ion Ratio Lower Upper

178 100

179 17.2 13.0 19.4

176 20.9 16.4 24.6



#16

Anthracene

Concen: 0.278 ng/ul

RT: 17.481 min Scan# 3150

Delta R.T. 0.004 min

Lab File: BM038546.D

Acq: 26 Jan 2023 13:11

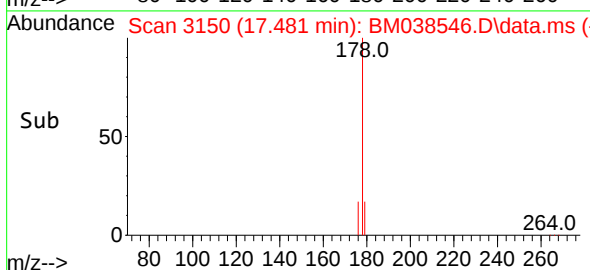
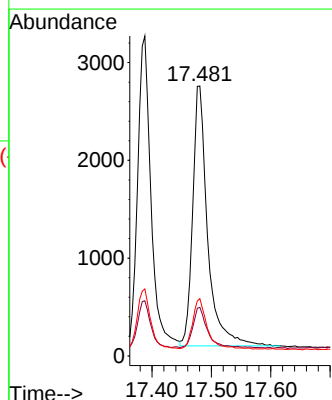
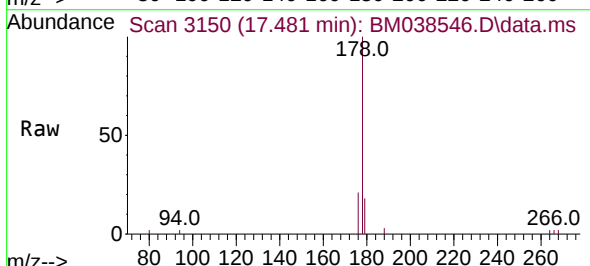
Tgt Ion:178 Resp: 4649

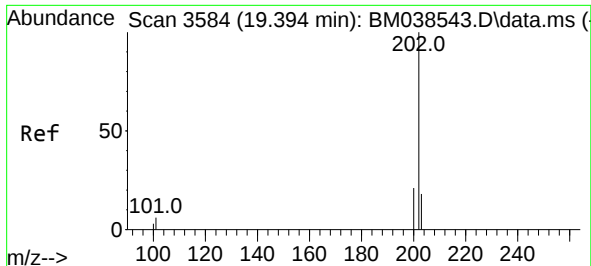
Ion Ratio Lower Upper

178 100

179 18.0 13.2 19.8

176 21.2 16.2 24.4





#19

Fluoranthene

Concen: 0.325 ng/ul

RT: 19.399 min Scan# 3585

Delta R.T. 0.005 min

Lab File: BM038546.D

Acq: 26 Jan 2023 13:11

Instrument :

BNA_M

ClientSampleId :

SLCS439

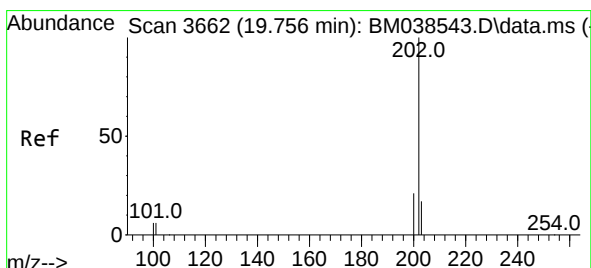
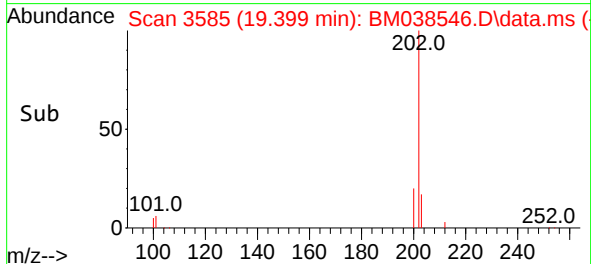
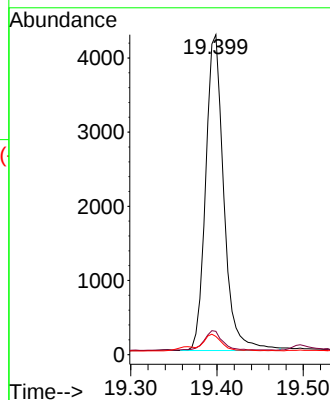
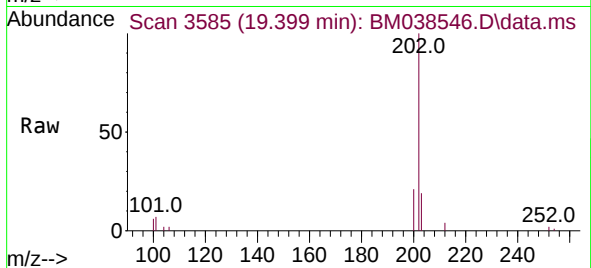
Tgt Ion:202 Resp: 6222

Ion Ratio Lower Upper

202 100

101 7.3 5.3 7.9

100 5.7 4.2 6.2



#20

Pyrene

Concen: 0.318 ng/ul

RT: 19.761 min Scan# 3663

Delta R.T. 0.005 min

Lab File: BM038546.D

Acq: 26 Jan 2023 13:11

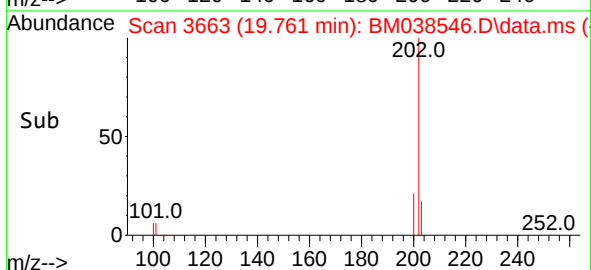
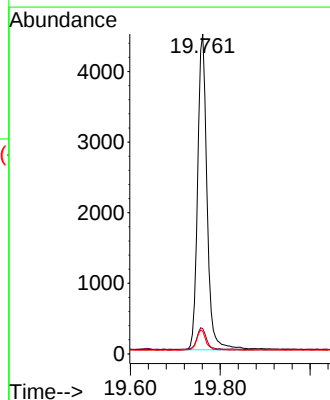
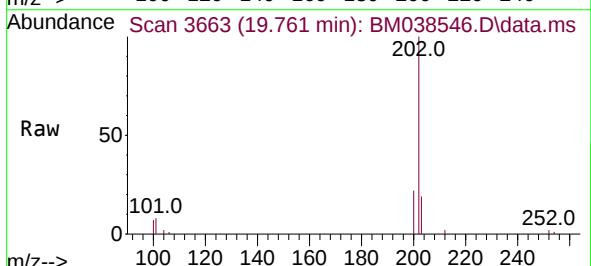
Tgt Ion:202 Resp: 6544

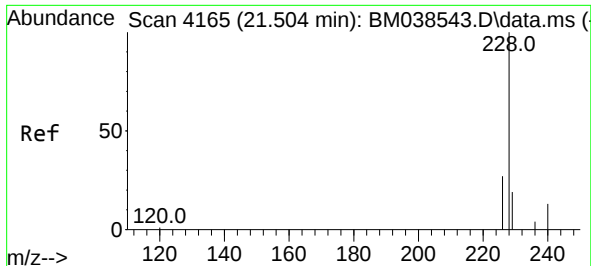
Ion Ratio Lower Upper

202 100

101 7.9 5.9 8.9

100 7.1 5.2 7.8

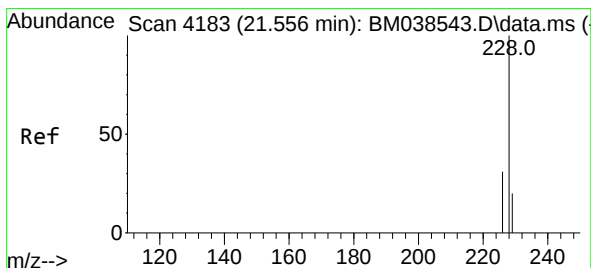
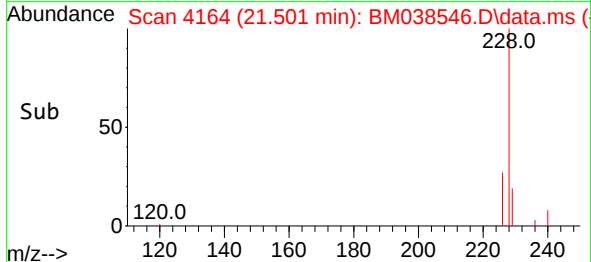
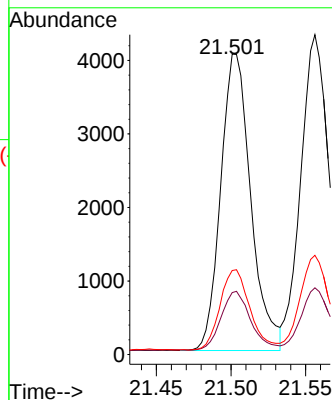
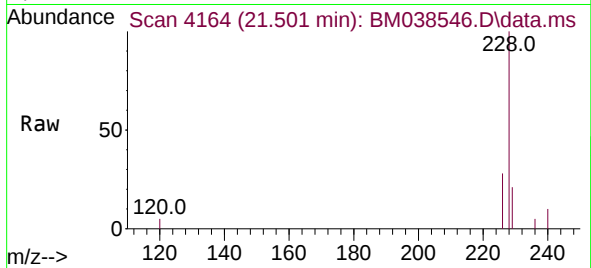




#21
Benzo(a)anthracene
Concen: 0.297 ng/ul
RT: 21.501 min Scan# 4165
Delta R.T. -0.000 min
Lab File: BM038546.D
Acq: 26 Jan 2023 13:11

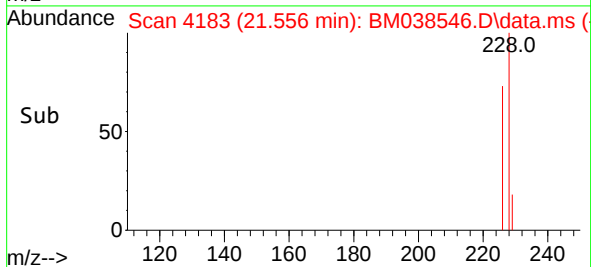
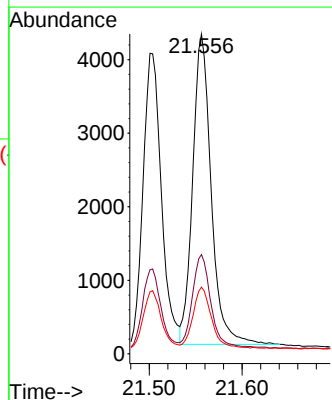
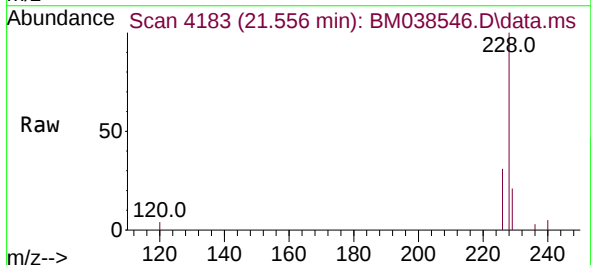
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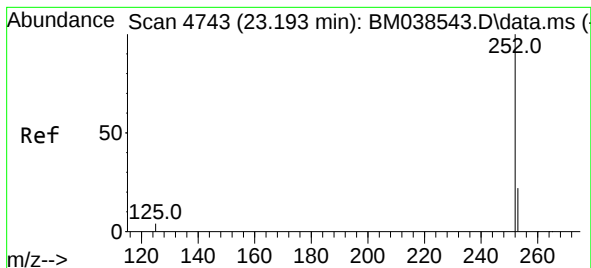
Tgt Ion:228 Resp: 5662
Ion Ratio Lower Upper
228 100
229 20.6 16.7 25.1
226 28.0 22.2 33.4



#22
Chrysene
Concen: 0.305 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. 0.003 min
Lab File: BM038546.D
Acq: 26 Jan 2023 13:11

Tgt Ion:228 Resp: 5839
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 20.9 16.2 24.4





#24

Benzo(b)fluoranthene

Concen: 0.334 ng/ul

RT: 23.193 min Scan# 4743

Delta R.T. 0.003 min

Lab File: BM038546.D

Acq: 26 Jan 2023 13:11

Instrument :

BNA_M

ClientSampleId :

SLCS439

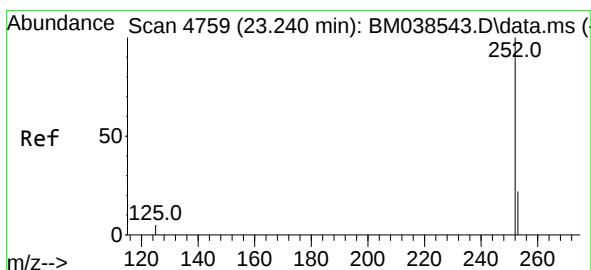
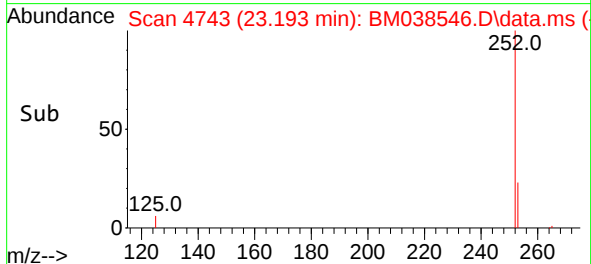
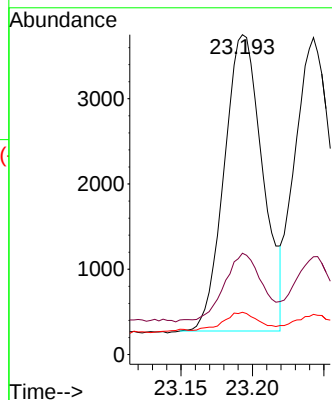
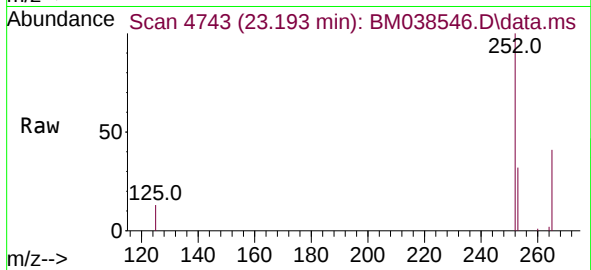
Tgt Ion:252 Resp: 6507

Ion Ratio Lower Upper

252 100

253 31.7 0.0 56.6

125 13.2 0.0 21.4



#25

Benzo(k)fluoranthene

Concen: 0.338 ng/ul

RT: 23.243 min Scan# 4760

Delta R.T. 0.003 min

Lab File: BM038546.D

Acq: 26 Jan 2023 13:11

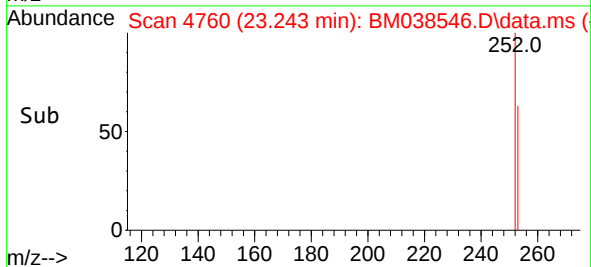
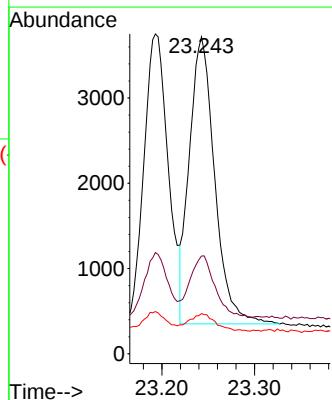
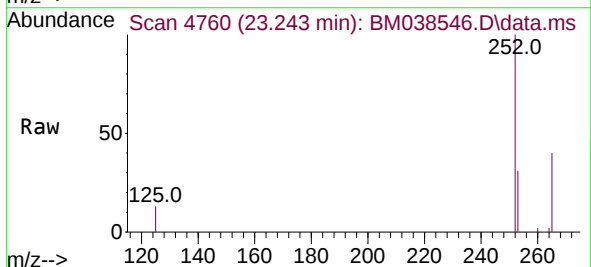
Tgt Ion:252 Resp: 6391

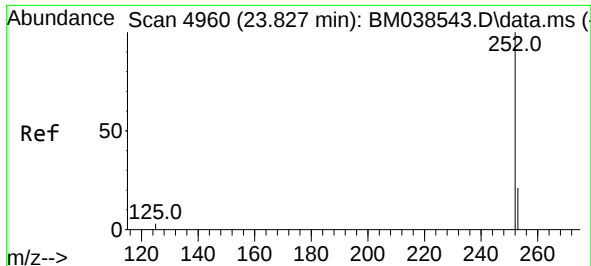
Ion Ratio Lower Upper

252 100

253 30.8 23.1 34.7

125 12.7 8.4 12.6#

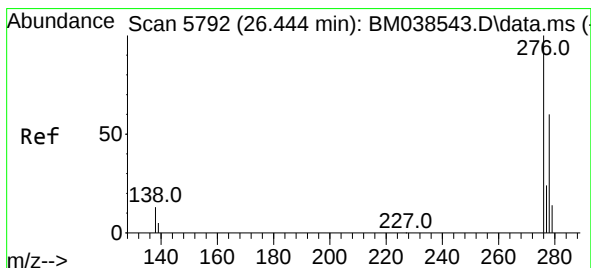
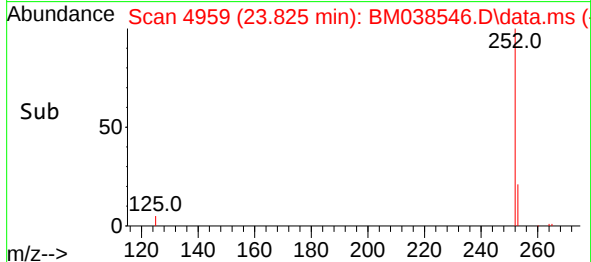
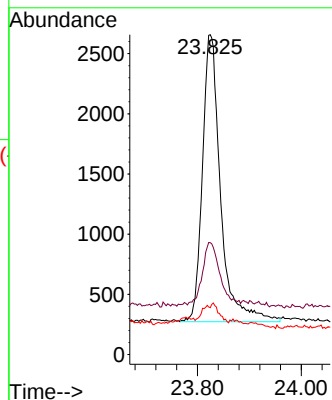
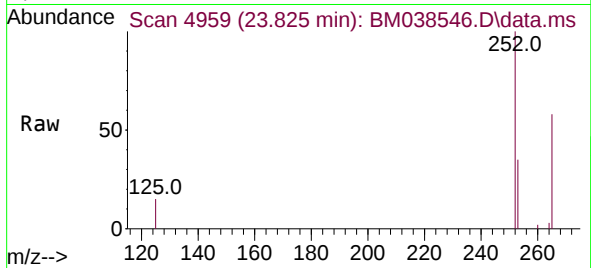




#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.825 min Scan# 4960
Delta R.T. 0.003 min
Lab File: BM038546.D
Acq: 26 Jan 2023 13:11

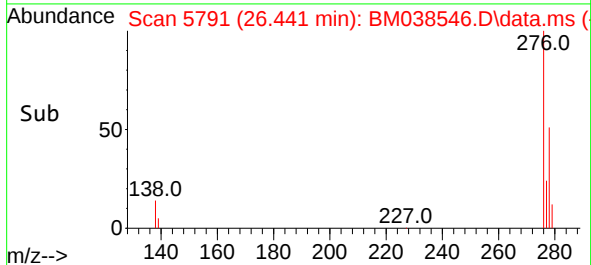
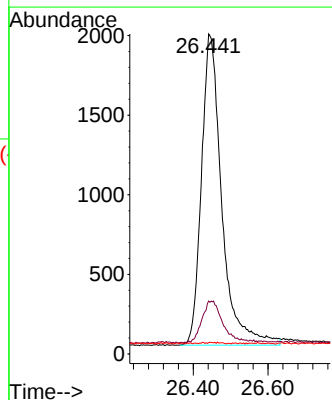
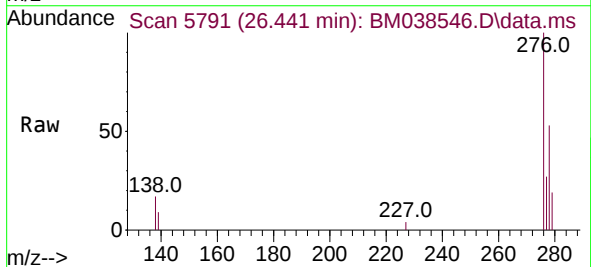
Instrument :
BNA_M
ClientSampleId :
SLCS439

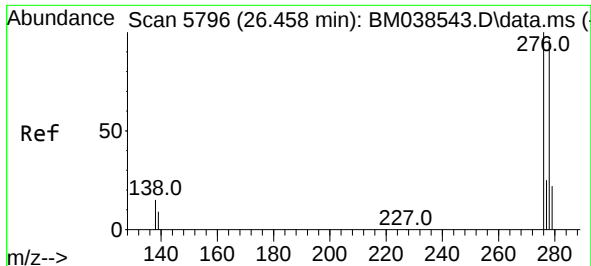
Tgt Ion:252 Resp: 5768
Ion Ratio Lower Upper
252 100
253 35.0 25.1 37.7
125 14.7 10.0 15.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.301 ng/ul
RT: 26.441 min Scan# 5791
Delta R.T. -0.000 min
Lab File: BM038546.D
Acq: 26 Jan 2023 13:11

Tgt Ion:276 Resp: 7403
Ion Ratio Lower Upper
276 100
138 13.7 11.7 17.5
227 0.1 0.3 0.5

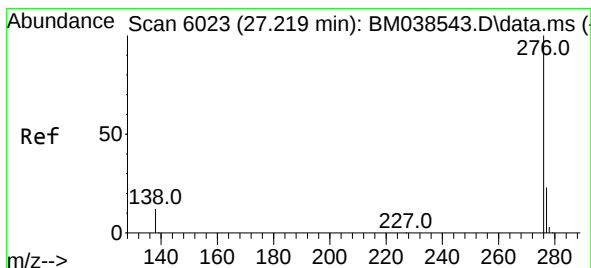
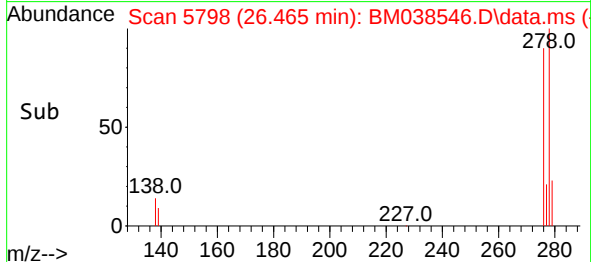
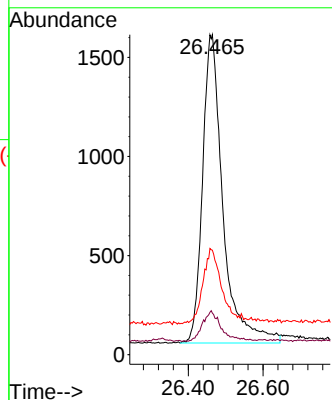
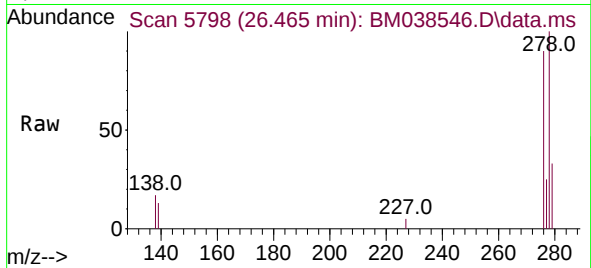




#28
 Dibenzo(a,h)anthracene
 Concen: 0.301 ng/ul
 RT: 26.465 min Scan# 5798
 Delta R.T. 0.007 min
 Lab File: BM038546.D
 Acq: 26 Jan 2023 13:11

Instrument :
 BNA_M
 ClientSampleId :
 SLCS439

Tgt Ion:278 Resp: 5895
 Ion Ratio Lower Upper
 278 100
 139 13.0 9.8 14.8
 279 32.6 23.3 34.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.311 ng/ul
 RT: 27.223 min Scan# 6024
 Delta R.T. 0.003 min
 Lab File: BM038546.D
 Acq: 26 Jan 2023 13:11

Tgt Ion:276 Resp: 6655
 Ion Ratio Lower Upper
 276 100
 138 15.6 12.6 19.0
 277 26.3 20.5 30.7

