

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
 Data File : BM038001.D
 Acq On : 14 Dec 2022 17:20
 Operator : CG/JU
 Sample : PB149556BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

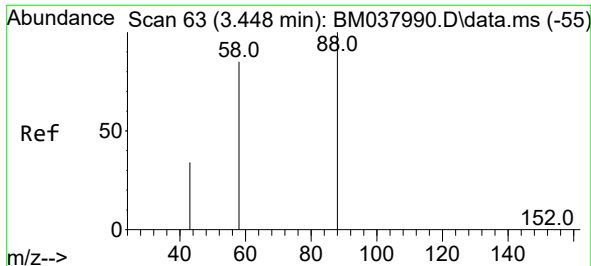
Instrument :
 BNA_M
 ClientSampleId :
 SLCS556

Quant Time: Dec 14 23:27:07 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 01:30:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	4313	0.400	ng/ul	0.00
4) Naphthalene-d8	10.884	136	12093	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	6324	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	13904	0.400	ng/ul	0.00
17) Chrysene-d12	21.591	240	9316	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	9238	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	3252	0.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	5348	0.312	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	10844	0.341	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	7600	1.263	ng/ul#	77
5) Naphthalene	10.933	128	11271	0.305	ng/ul	98
7) 2-Methylnaphthalene	12.533	142	6854	0.315	ng/ul	97
8) 1-Methylnaphthalene	12.748	142	7326	0.328	ng/ul	100
10) Acenaphthylene	14.412	152	10066	0.281	ng/ul	99
11) Acenaphthene	14.749	153	7795	0.303	ng/ul	95
12) Fluorene	15.730	166	8738	0.296	ng/ul	99
14) Pentachlorophenol	17.075	266	2922	0.494	ng/ul	98
15) Phenanthrene	17.468	178	14306	0.297	ng/ul	99
16) Anthracene	17.557	178	13307	0.302	ng/ul	99
19) Fluoranthene	19.473	202	16136	0.328	ng/ul	99
20) Pyrene	19.836	202	16555	0.331	ng/ul	98
21) Benzo(a)anthracene	21.574	228	14056	0.330	ng/ul	99
22) Chrysene	21.629	228	14570	0.330	ng/ul	100
24) Benzo(b)fluoranthene	23.293	252	14884	0.290	ng/ul	98
25) Benzo(k)fluoranthene	23.342	252	14051	0.292	ng/ul	99
26) Benzo(a)pyrene	23.936	252	12431	0.299	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.612	276	14953	0.295	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.632	278	11618	0.299	ng/ul	98
29) Benzo(g,h,i)perylene	27.410	276	12707	0.302	ng/ul	99

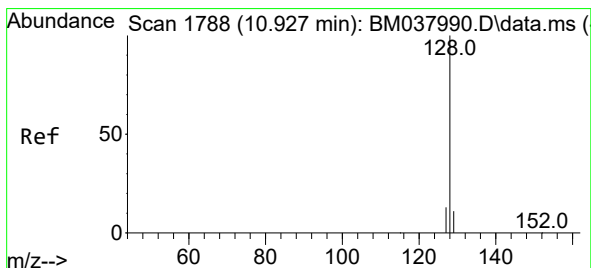
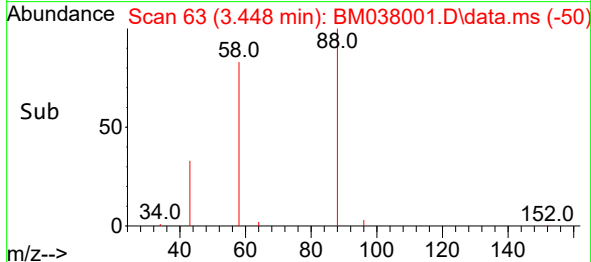
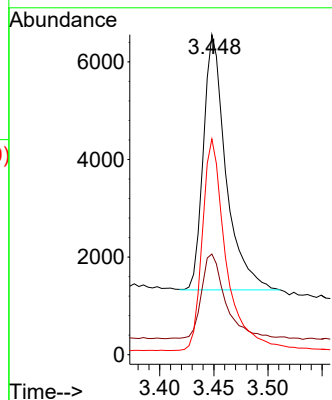
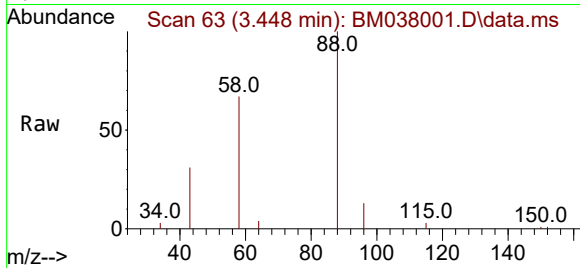
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.263 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM038001.D
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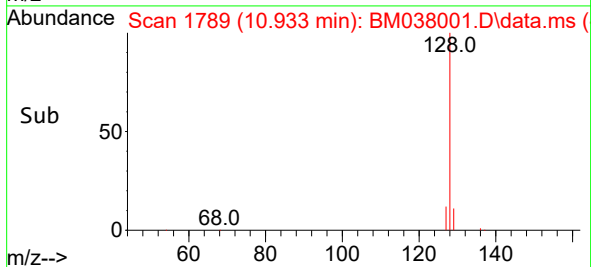
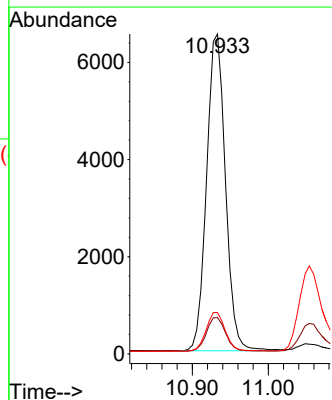
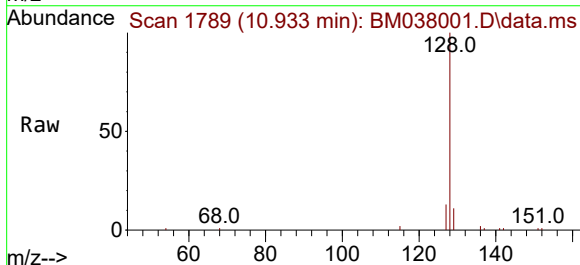
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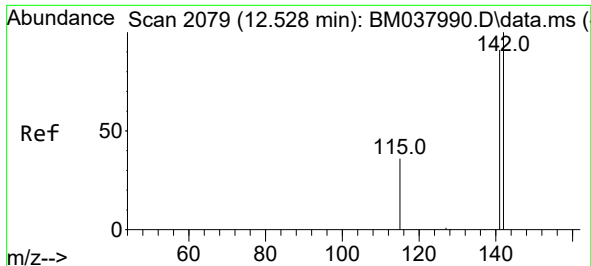
Tgt Ion: 88 Resp: 7600
Ion Ratio Lower Upper
88 100
43 31.5 25.5 38.3
58 67.4 33.8 50.8#



#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion: 128 Resp: 11271
Ion Ratio Lower Upper
128 100
129 11.3 9.7 14.5
127 12.9 10.8 16.2

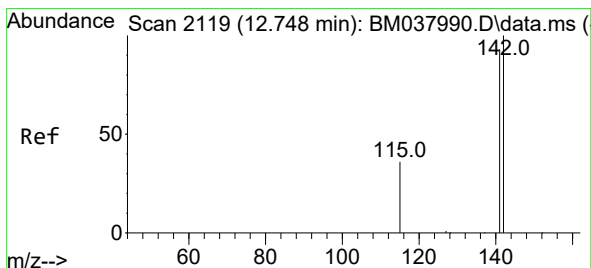
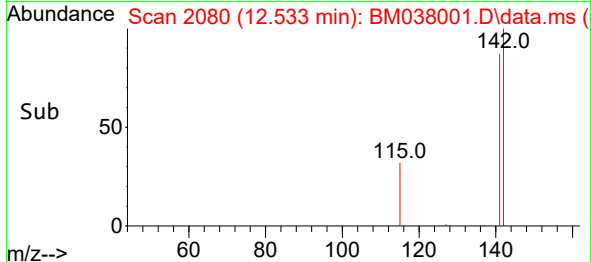
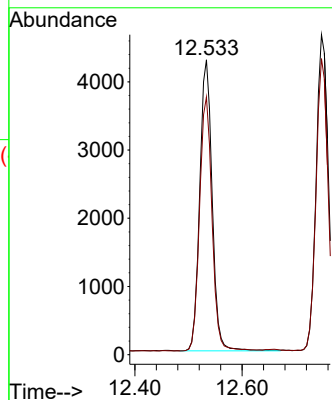
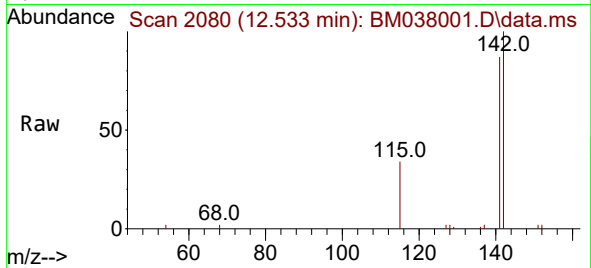




#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.533 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

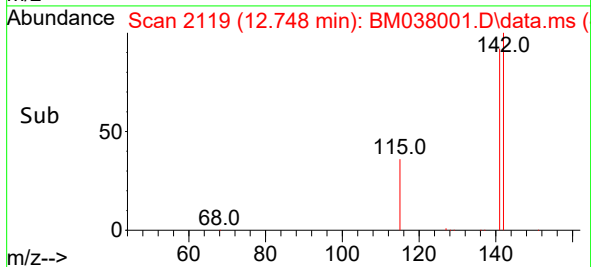
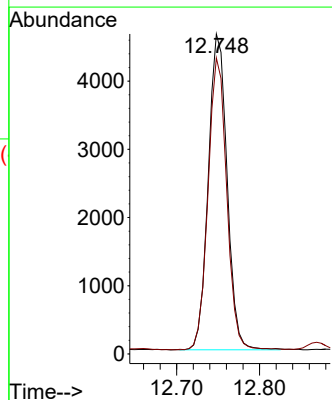
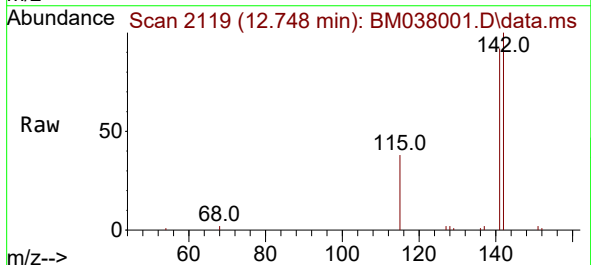
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ClientSampleId :
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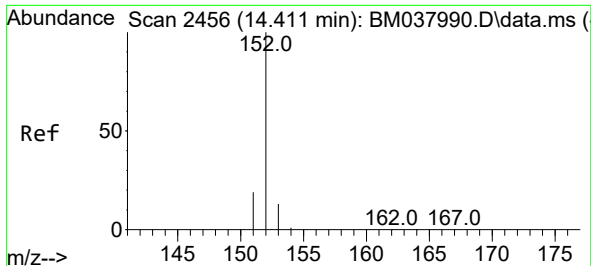
Tgt Ion:142 Resp: 6854
Ion Ratio Lower Upper
142 100
141 87.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:142 Resp: 7326
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7

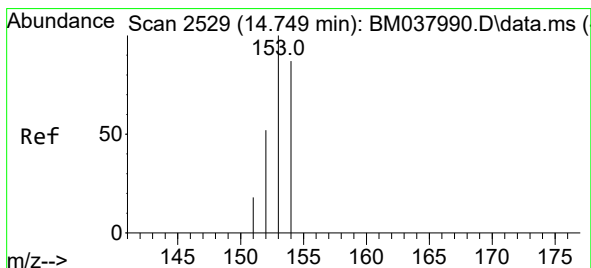
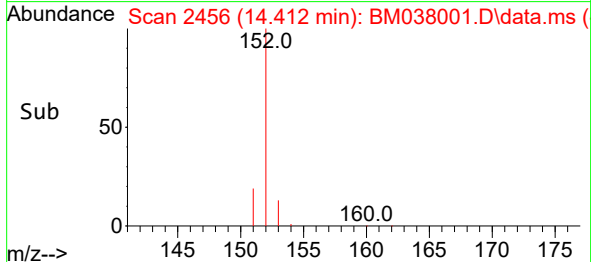
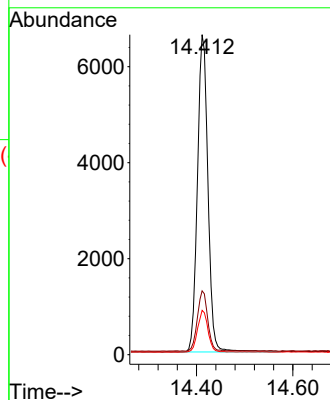
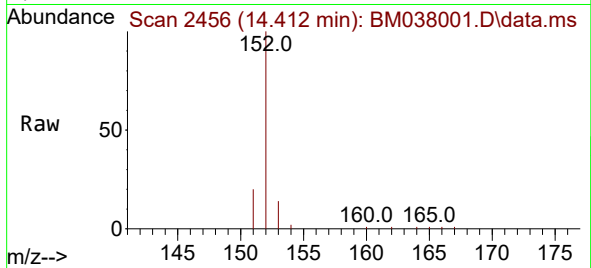




#10
Acenaphthylene
Concen: 0.281 ng/ul
RT: 14.412 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

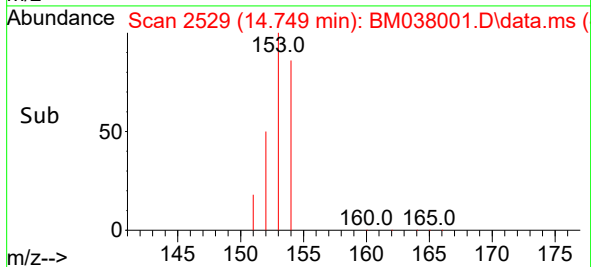
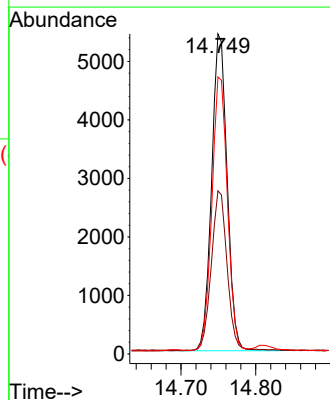
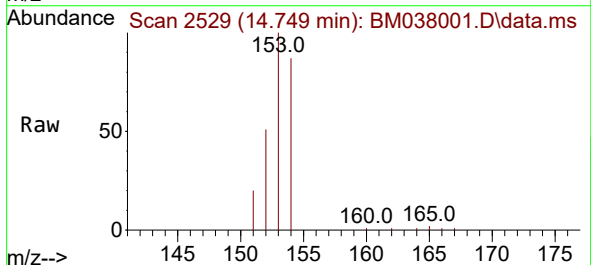
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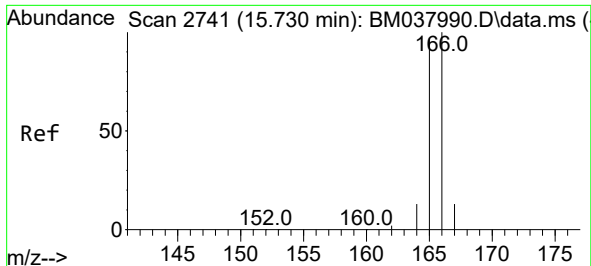
Tgt Ion:152 Resp: 10066
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.8 10.7 16.1



#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.749 min Scan# 2529
Delta R.T. -0.005 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:153 Resp: 7795
Ion Ratio Lower Upper
153 100
152 51.0 47.1 70.7
154 86.6 70.7 106.1

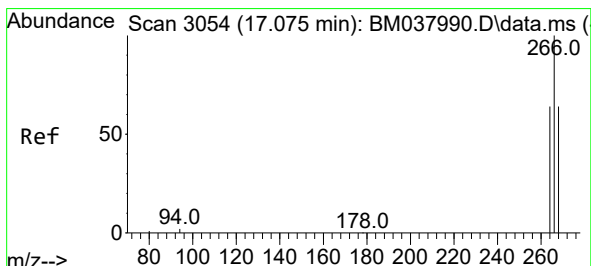
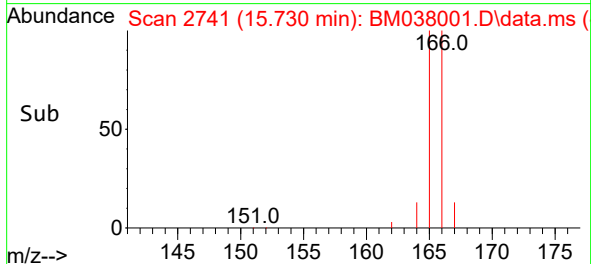
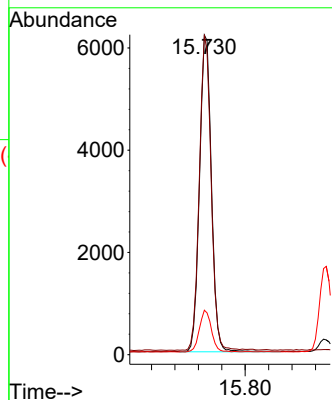
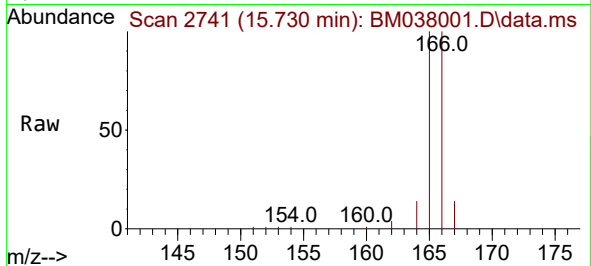




#12
Fluorene
Concen: 0.296 ng/ul
RT: 15.730 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

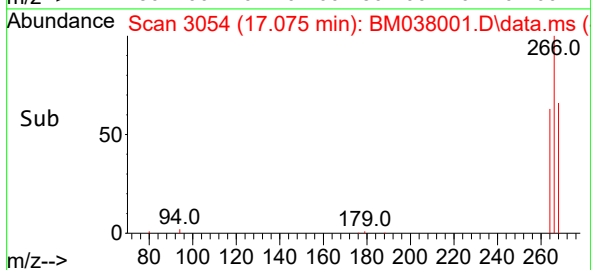
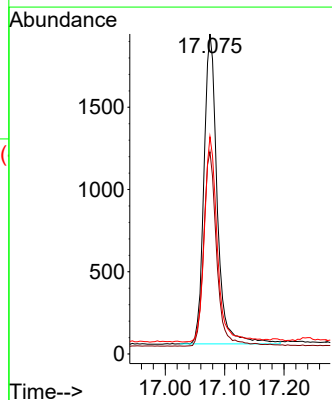
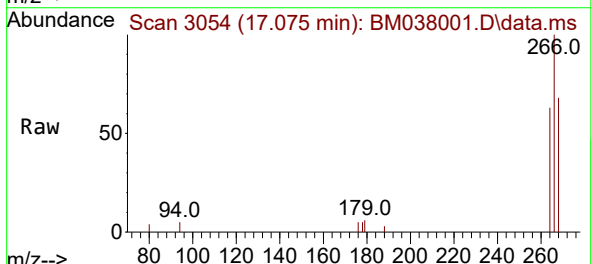
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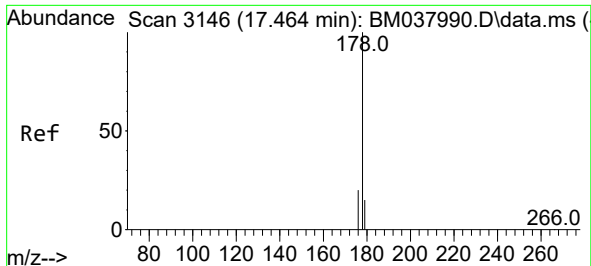
Tgt Ion:166 Resp: 8738
Ion Ratio Lower Upper
166 100
165 100.1 79.8 119.6
167 13.9 11.7 17.5



#14
Pentachlorophenol
Concen: 0.494 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:266 Resp: 2922
Ion Ratio Lower Upper
266 100
264 61.9 50.9 76.3
268 65.2 50.4 75.6

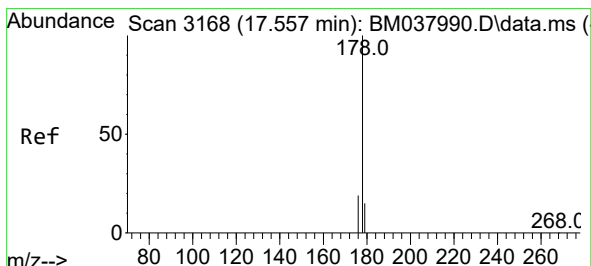
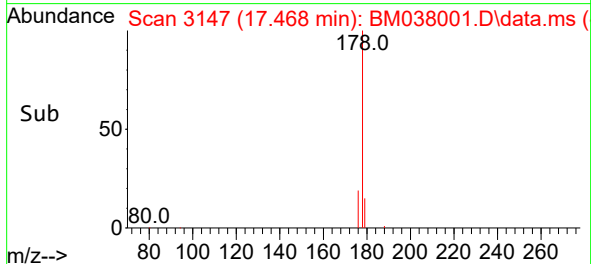
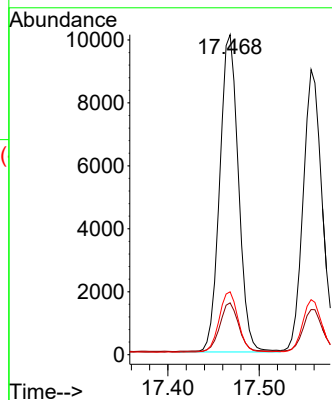
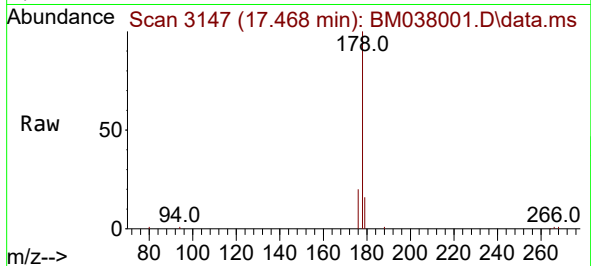




#15
Phenanthrene
Concen: 0.297 ng/ul
RT: 17.468 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

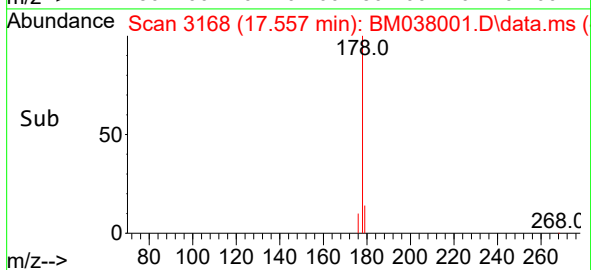
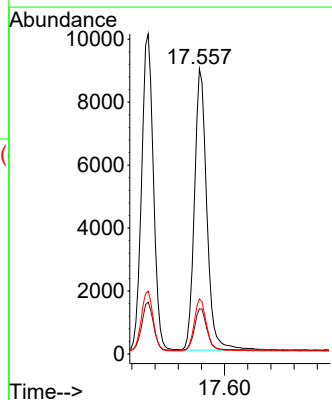
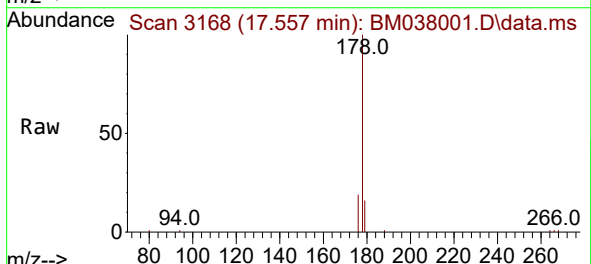
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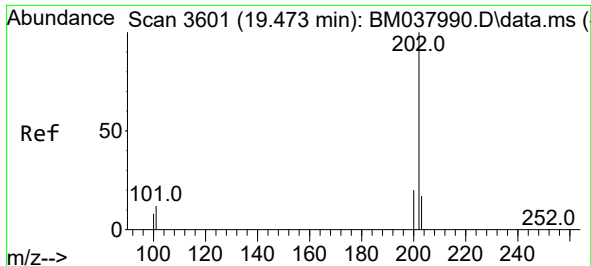
Tgt Ion:178 Resp: 14306
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.7 16.2 24.2



#16
Anthracene
Concen: 0.302 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:178 Resp: 13307
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.0
176 19.3 15.8 23.6

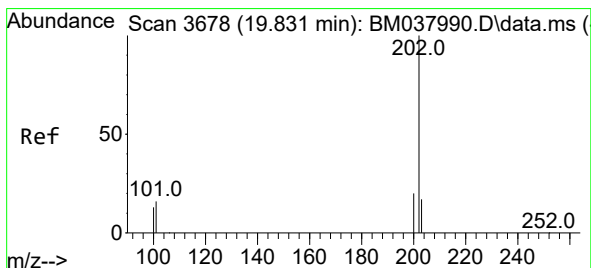
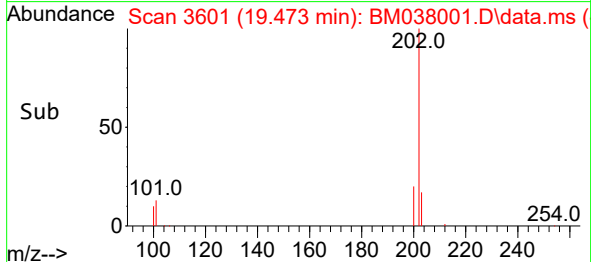
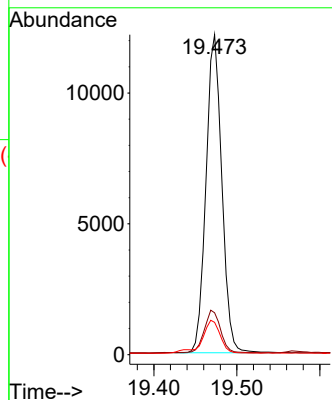
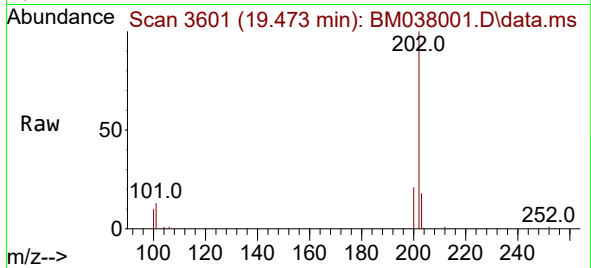




#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.473 min Scan# 3601
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

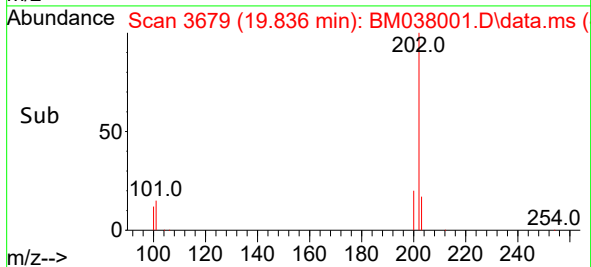
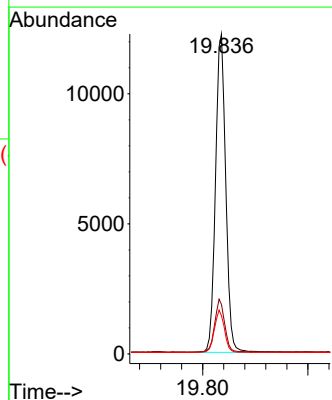
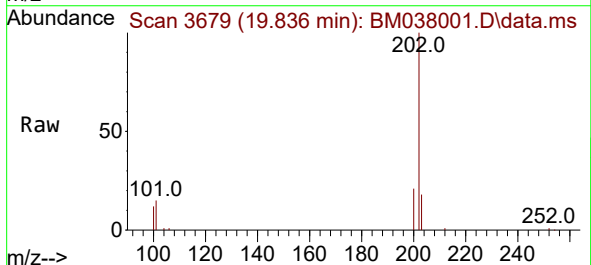
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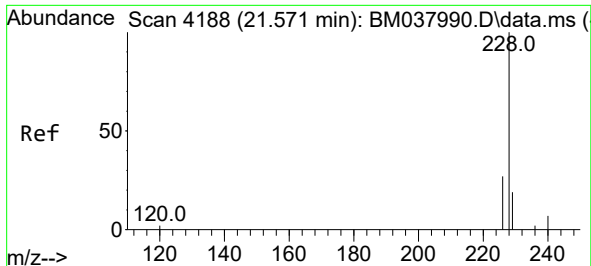
Tgt Ion:202 Resp: 16136
Ion Ratio Lower Upper
202 100
101 13.1 10.9 16.3
100 10.1 8.5 12.7



#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:202 Resp: 16555
Ion Ratio Lower Upper
202 100
101 15.5 12.6 19.0
100 12.0 10.6 15.8

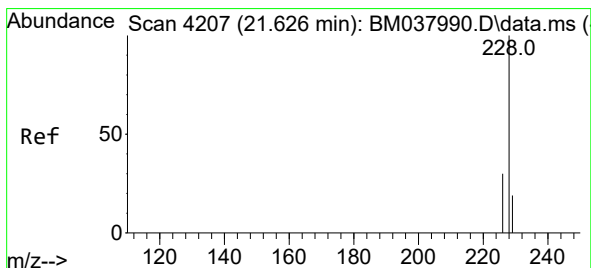
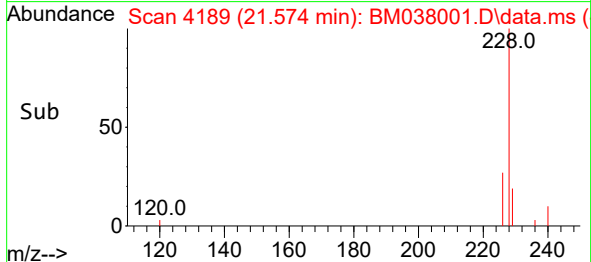
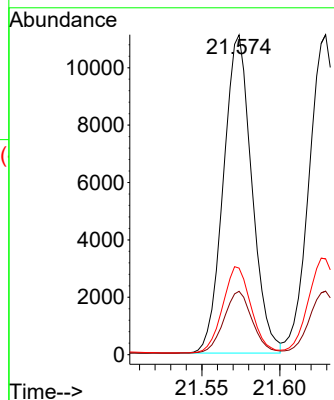
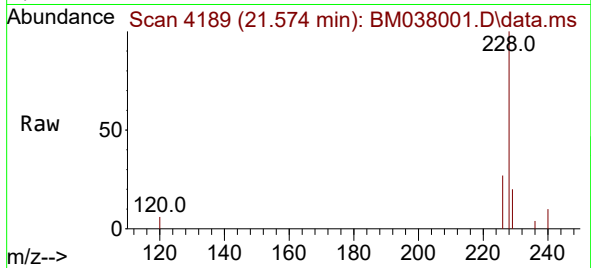




#21
Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.574 min Scan# 4188
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

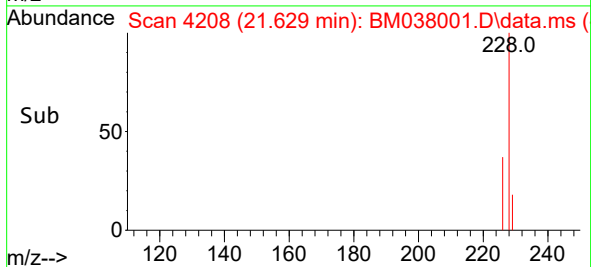
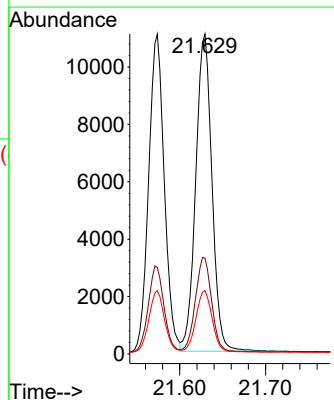
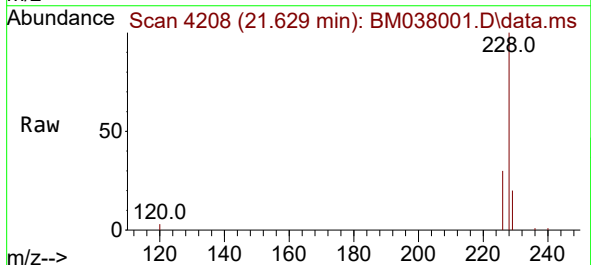
Instrument :
BNA_M
ClientSampleId :
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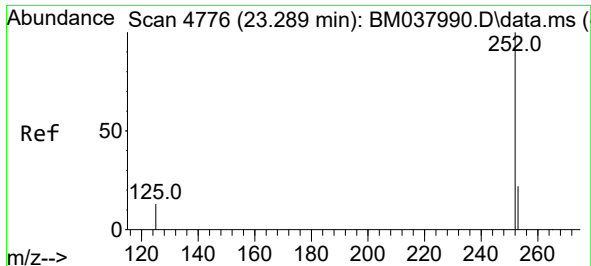
Tgt Ion:228 Resp: 14056
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.6
226 27.1 21.0 31.4



#22
Chrysene
Concen: 0.330 ng/ul
RT: 21.629 min Scan# 4208
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:228 Resp: 14570
Ion Ratio Lower Upper
228 100
226 30.0 23.7 35.5
229 19.8 15.8 23.8

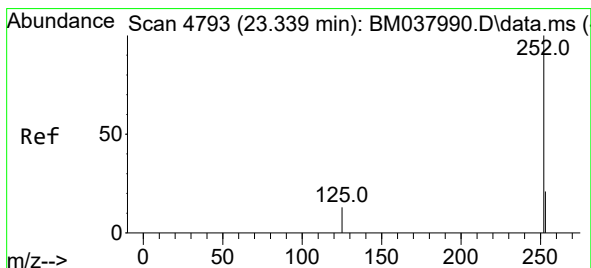
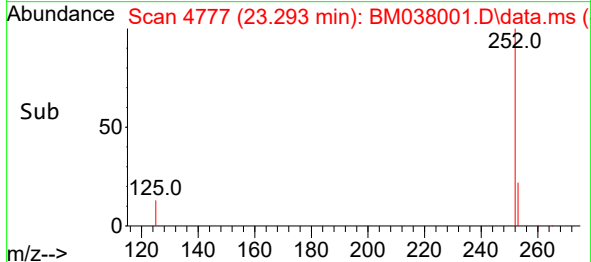
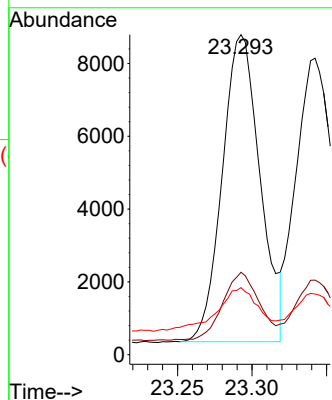
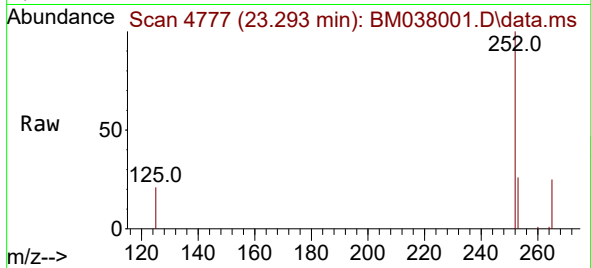




#24
Benzo(b)fluoranthene
Concen: 0.290 ng/ul
RT: 23.293 min Scan# 4777
Delta R.T. -0.003 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

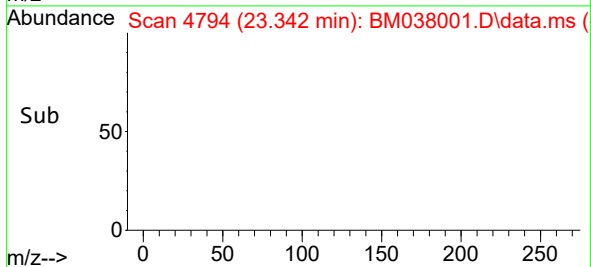
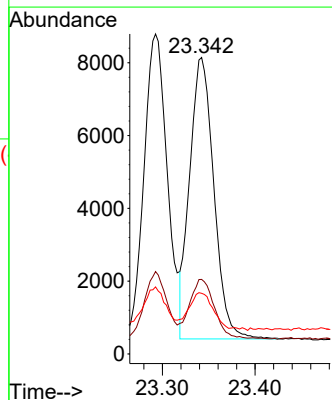
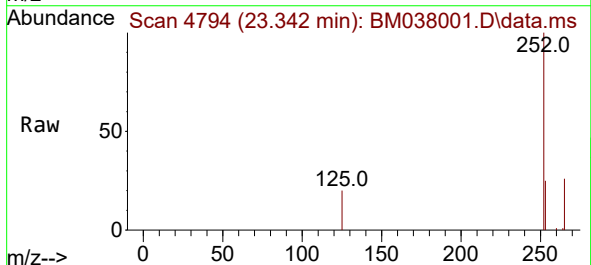
Instrument :
BNA_M
ClientSampleId :
SLCS556

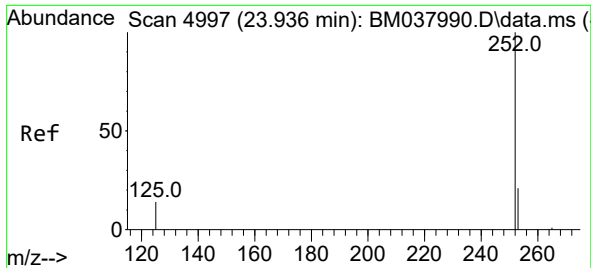
Tgt Ion:252 Resp: 14884
Ion Ratio Lower Upper
252 100
253 25.8 0.0 49.6
125 21.0 0.0 39.6



#25
Benzo(k)fluoranthene
Concen: 0.292 ng/ul
RT: 23.342 min Scan# 4794
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:252 Resp: 14051
Ion Ratio Lower Upper
252 100
253 25.1 19.4 29.0
125 20.4 16.7 25.1

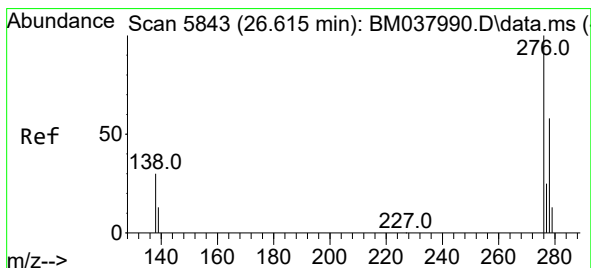
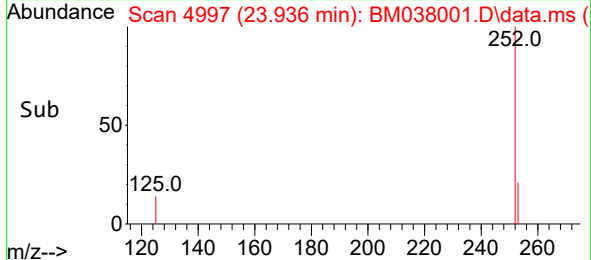
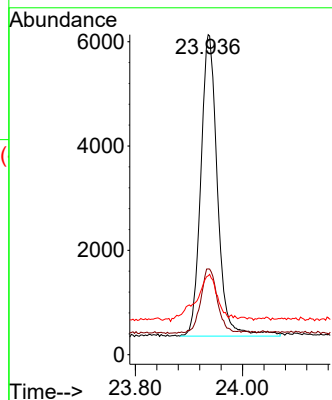
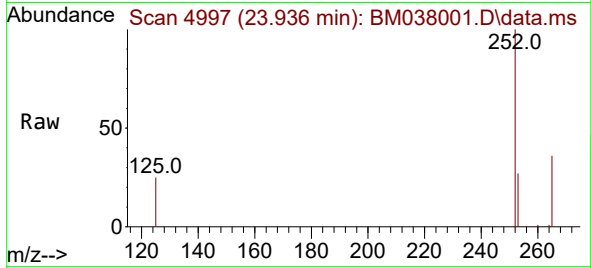




#26
Benzo(a)pyrene
Concen: 0.299 ng/ul
RT: 23.936 min Scan# 4997
Delta R.T. -0.003 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

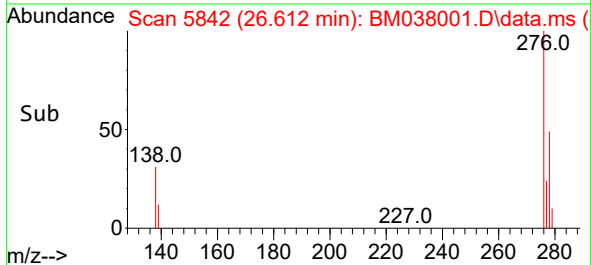
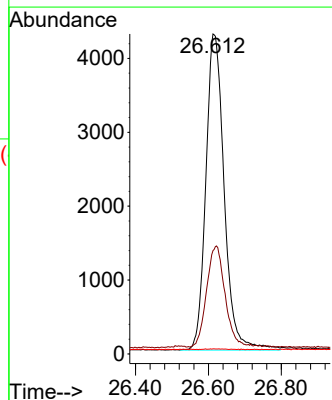
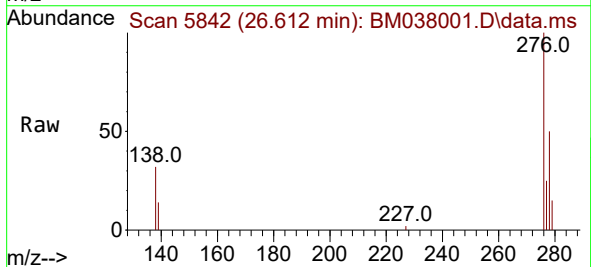
Instrument :
BNA_M
ClientSampleId :
SLCS556

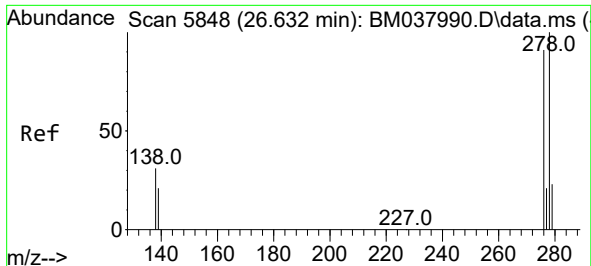
Tgt Ion:252 Resp: 12431
Ion Ratio Lower Upper
252 100
253 26.8 21.7 32.5
125 24.6 20.4 30.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.295 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.007 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:276 Resp: 14953
Ion Ratio Lower Upper
276 100
138 32.3 0.0 0.0#
227 0.1 0.1 0.1#

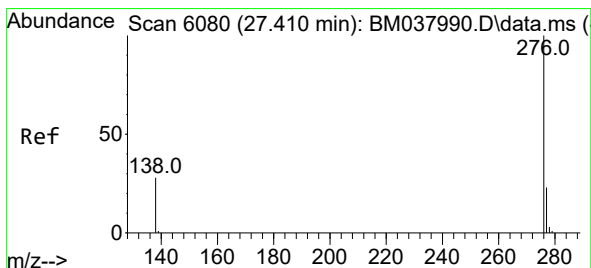
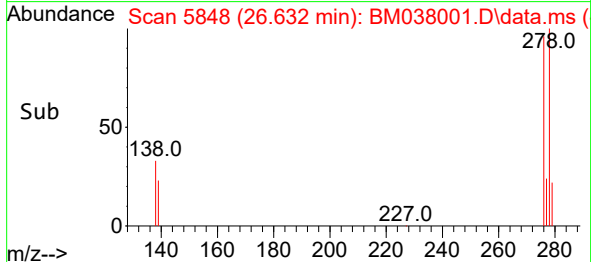
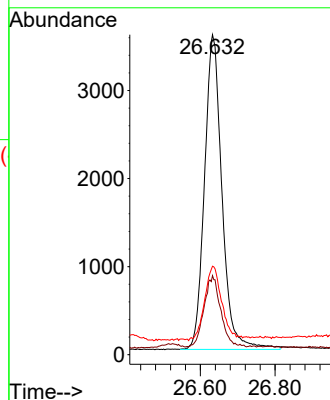
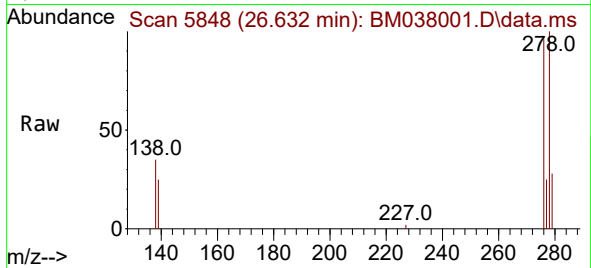




#28
Dibenzo(a,h)anthracene
Concen: 0.299 ng/ul
RT: 26.632 min Scan# 5848
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Instrument :
BNA_M
ClientSampleId :
SLCS556

Tgt Ion:278 Resp: 11618
Ion Ratio Lower Upper
278 100
139 24.7 19.4 29.0
279 27.6 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 27.410 min Scan# 6080
Delta R.T. -0.007 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:276 Resp: 12707
Ion Ratio Lower Upper
276 100
138 30.2 23.5 35.3
277 25.4 20.0 30.0

