

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
 Data File : BM041762.D
 Acq On : 09 Sep 2023 23:03
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

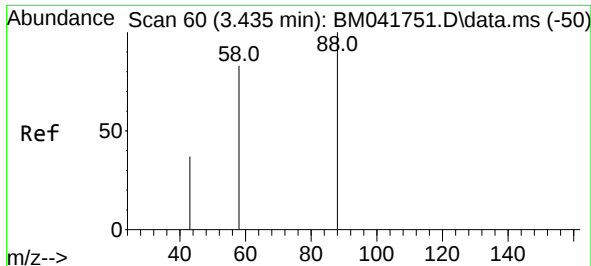
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4078

Quant Time: Sep 09 23:58:53 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 : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	736	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.807	136	1522	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.634	164	543	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	980	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.551	240	308	0.400	ng/ul	# 0.00
23) Perylene-d12	23.977	264	319	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	555	0.493	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.385	152	712	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.403	212	633	0.424	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	359	0.307	ng/ul#	60
5) Naphthalene	10.856	128	1947	0.390	ng/ul#	91
7) 2-Methylnaphthalene	12.462	142	1027	0.362	ng/ul	98
8) 1-Methylnaphthalene	12.682	142	1037	0.364	ng/ul	99
10) Acenaphthylene	14.356	152	1245	0.371	ng/ul#	89
11) Acenaphthene	14.694	153	996	0.382	ng/ul	98
12) Fluorene	15.679	166	1069	0.365	ng/ul#	91
14) Pentachlorophenol	17.008	266	137	0.349	ng/ul	95
15) Phenanthrene	17.426	178	1557	0.376	ng/ul#	89
16) Anthracene	17.514	178	1251	0.353	ng/ul#	85
19) Fluoranthene	19.431	202	1499	0.412	ng/ul#	87
20) Pyrene	19.794	202	1538	0.426	ng/ul#	83
21) Benzo(a)anthracene	21.533	228	965	0.384	ng/ul#	91
22) Chrysene	21.588	228	1037	0.383	ng/ul#	89
24) Benzo(b)fluoranthene	23.225	252	1108	0.388	ng/ul#	23
25) Benzo(k)fluoranthene	23.278	252	1106	0.396	ng/ul#	20
26) Benzo(a)pyrene	23.863	252	892	0.385	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.485	276	1217	0.382	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.508	278	853	0.382	ng/ul#	49
29) Benzo(g,h,i)perylene	27.270	276	1150	0.408	ng/ul#	67

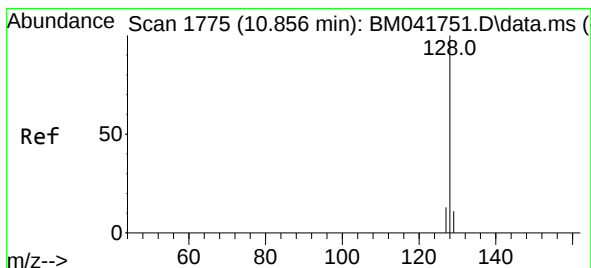
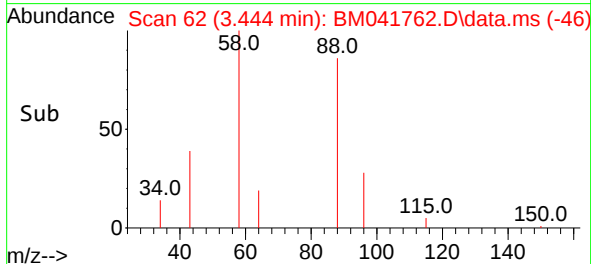
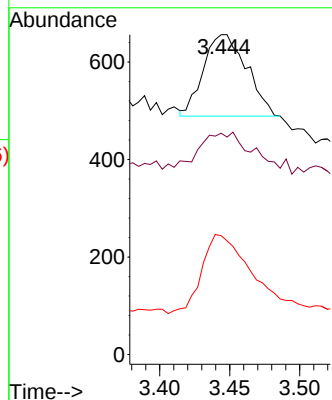
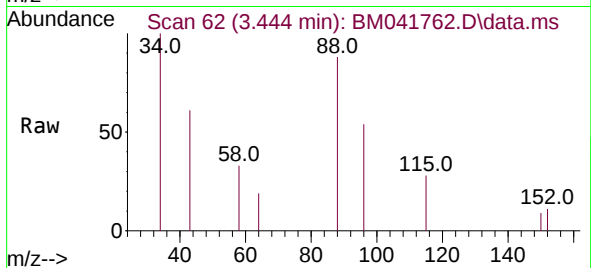
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.307 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. 0.009 min
Lab File: BM041762.D
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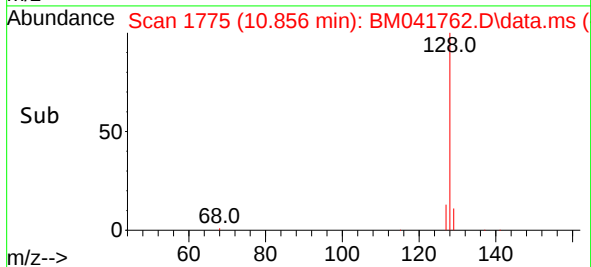
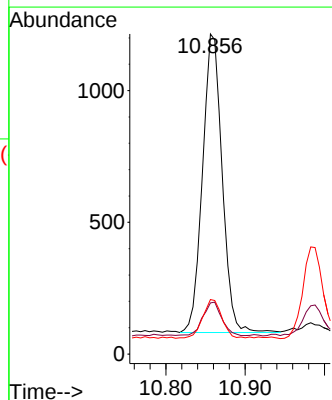
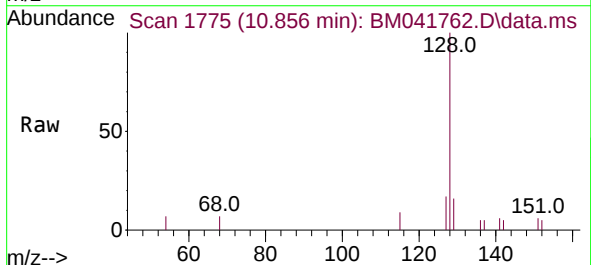
Instrument :
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ClientSampleId :
SSTD0.4078

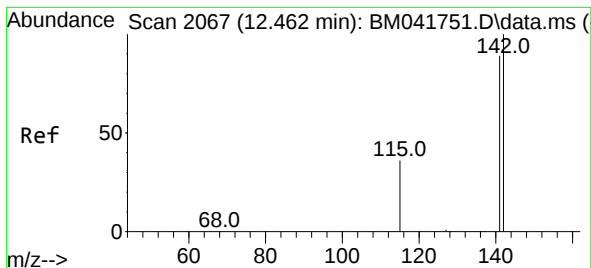
Tgt Ion: 88 Resp: 359
Ion Ratio Lower Upper
88 100
43 69.2 33.8 50.6#
58 37.2 54.2 81.2#



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.856 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

Tgt Ion: 128 Resp: 1947
Ion Ratio Lower Upper
128 100
129 16.0 9.4 14.0#
127 17.0 11.0 16.6#

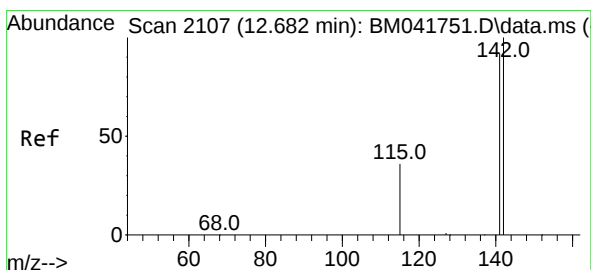
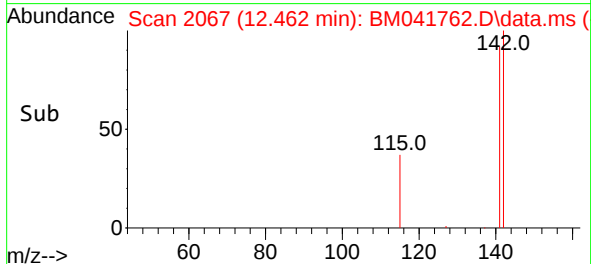
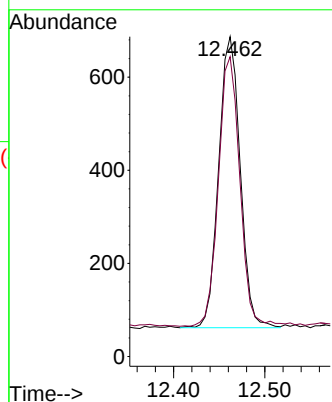
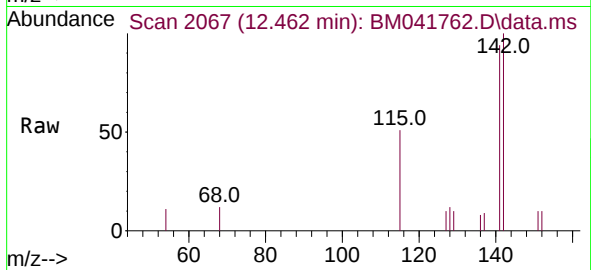




#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.462 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

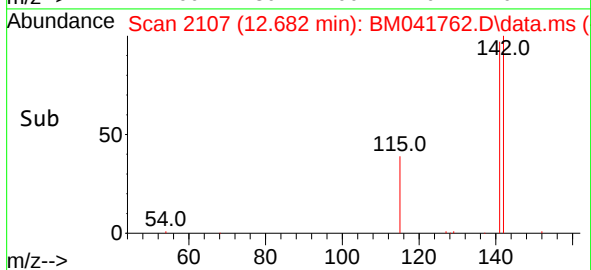
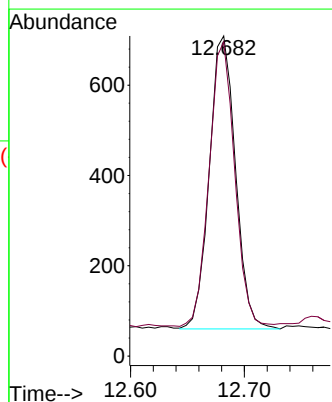
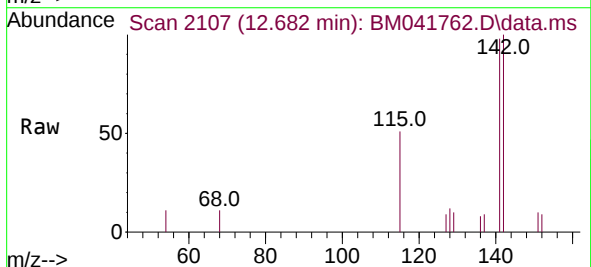
Instrument :
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ClientSampleId :
SSTD0.4078

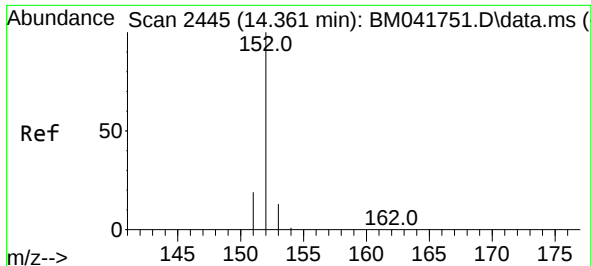
Tgt Ion:142 Resp: 1027
Ion Ratio Lower Upper
142 100
141 92.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

Tgt Ion:142 Resp: 1037
Ion Ratio Lower Upper
142 100
141 93.8 74.4 111.6

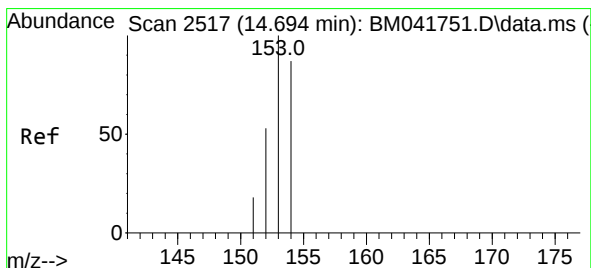
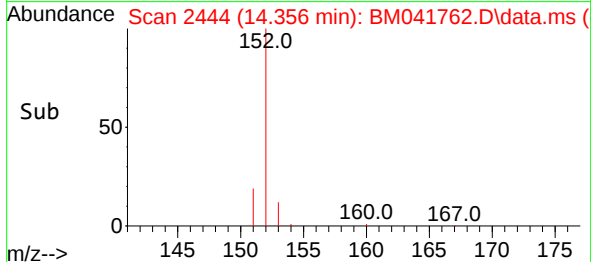
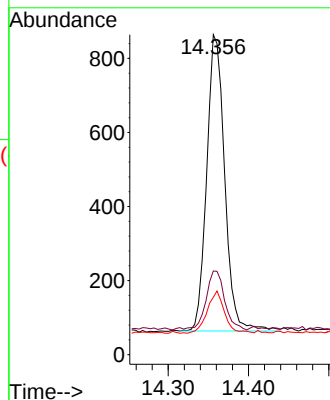
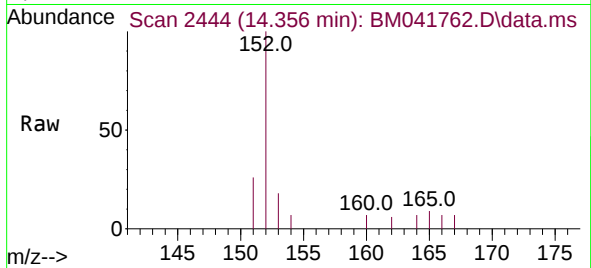




#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 14.356 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

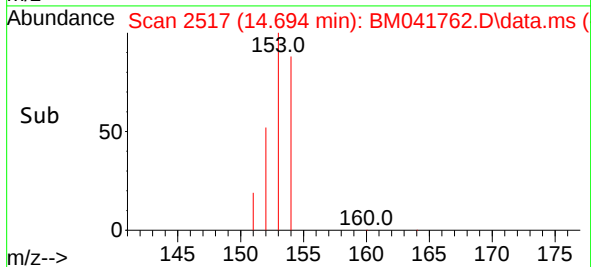
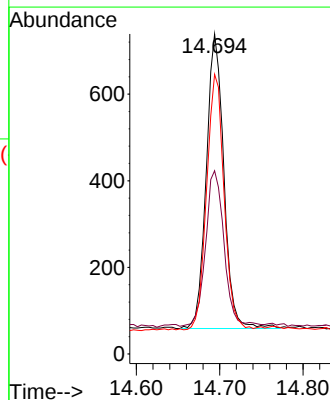
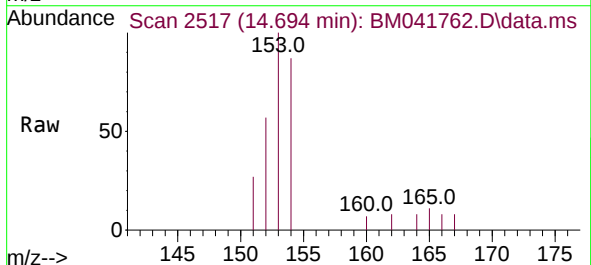
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ClientSampleId :
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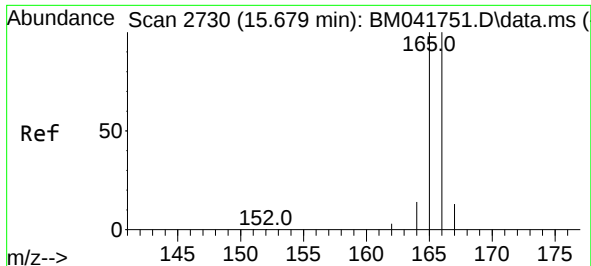
Tgt Ion:152 Resp: 1245
Ion Ratio Lower Upper
152 100
151 26.2 16.4 24.6#
153 17.9 11.1 16.7#



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.694 min Scan# 2517
Delta R.T. 0.000 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

Tgt Ion:153 Resp: 996
Ion Ratio Lower Upper
153 100
152 57.2 43.4 65.2
154 87.4 69.4 104.0

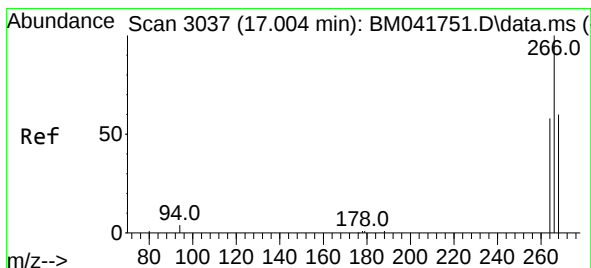
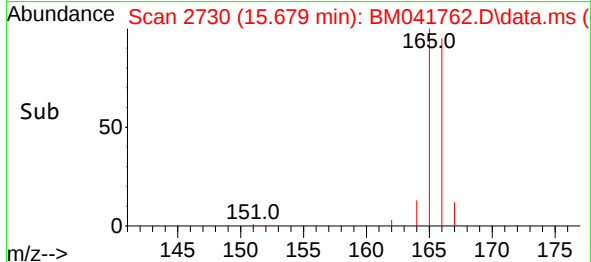
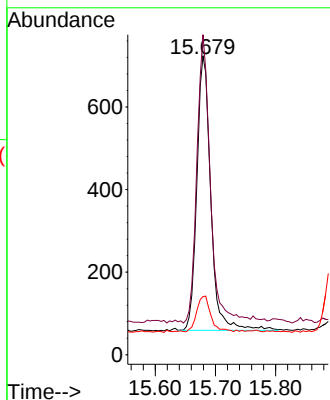
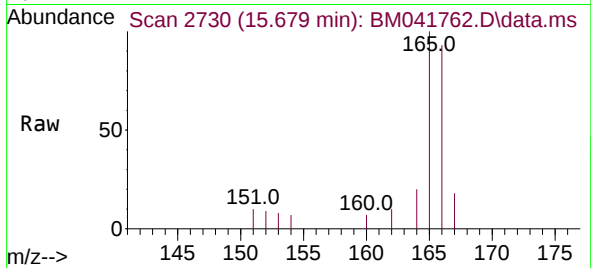




#12
Fluorene
Concen: 0.365 ng/ul
RT: 15.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

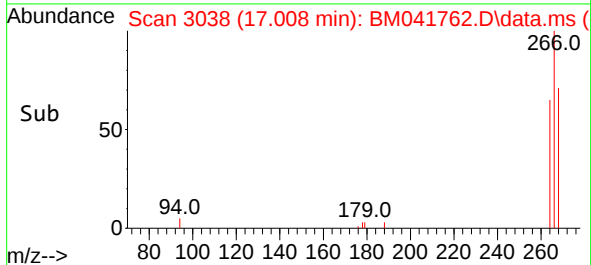
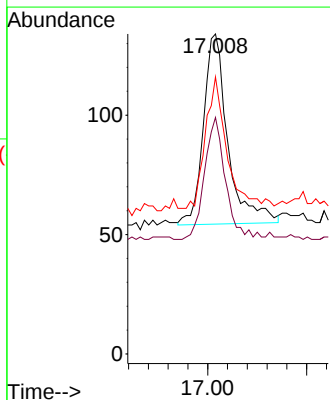
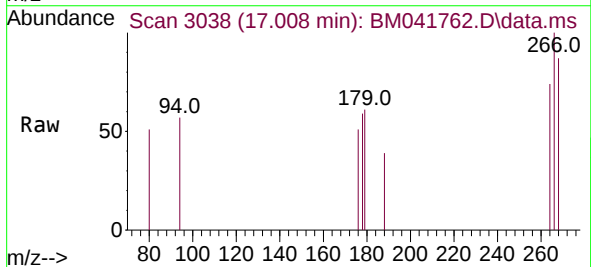
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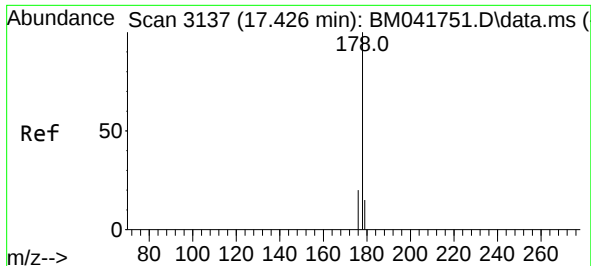
Tgt Ion:166 Resp: 1069
Ion Ratio Lower Upper
166 100
165 107.2 79.4 119.2
167 19.5 11.3 16.9#



#14
Pentachlorophenol
Concen: 0.349 ng/ul
RT: 17.008 min Scan# 3038
Delta R.T. 0.004 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

Tgt Ion:266 Resp: 137
Ion Ratio Lower Upper
266 100
264 54.7 50.0 75.0
268 62.8 50.8 76.2

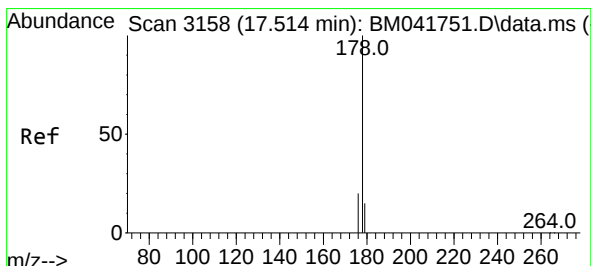
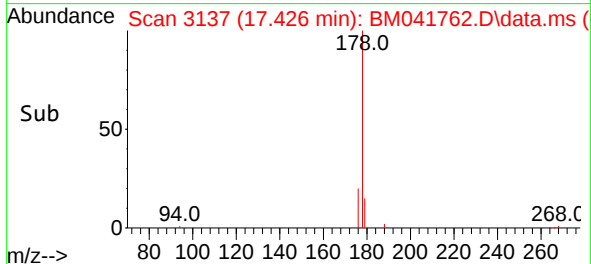
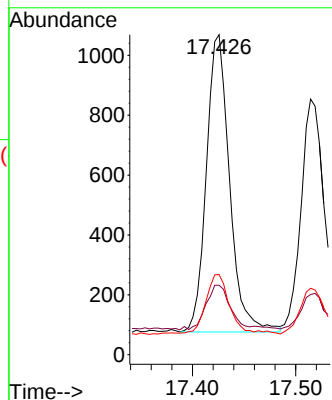
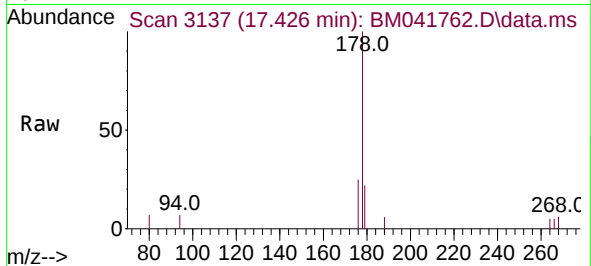




#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

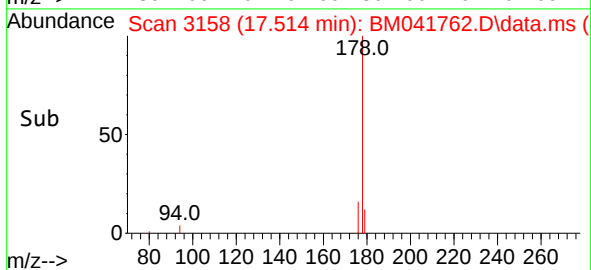
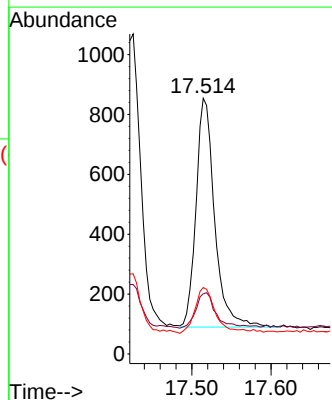
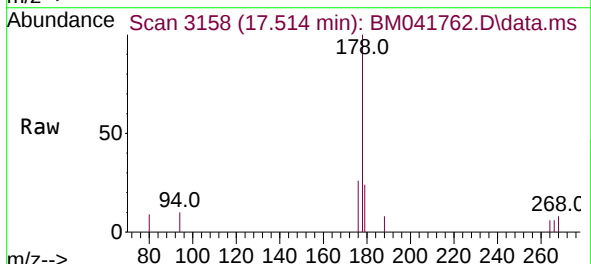
Instrument :
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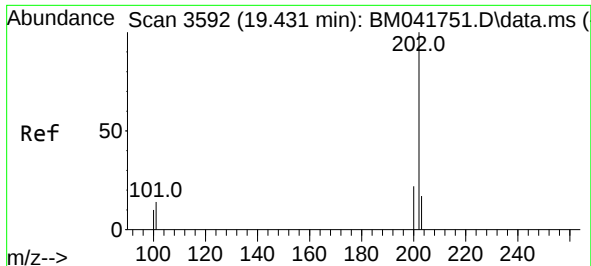
Tgt Ion:178 Resp: 1557
Ion Ratio Lower Upper
178 100
179 21.7 12.9 19.3#
176 25.1 16.9 25.3



#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.514 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

Tgt Ion:178 Resp: 1251
Ion Ratio Lower Upper
178 100
179 23.5 12.9 19.3#
176 26.0 15.8 23.8#

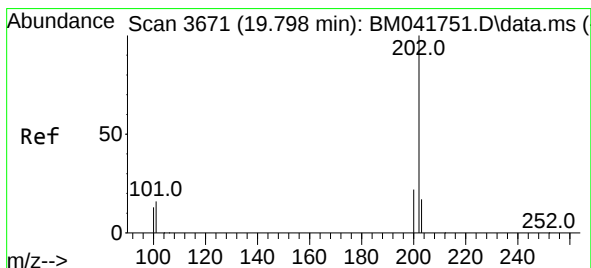
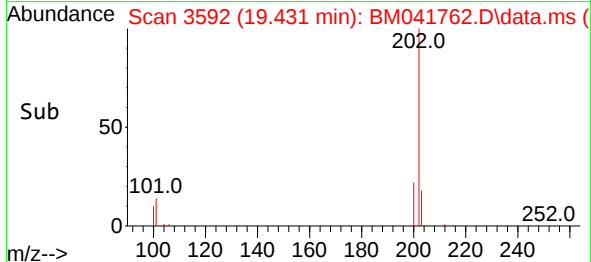
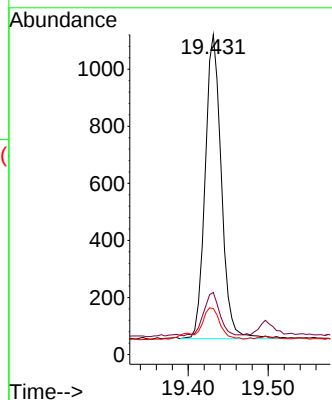
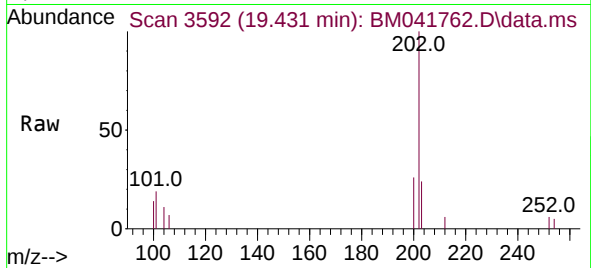




#19
Fluoranthene
Concen: 0.412 ng/ul
RT: 19.431 min Scan# 3592
Delta R.T. 0.000 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

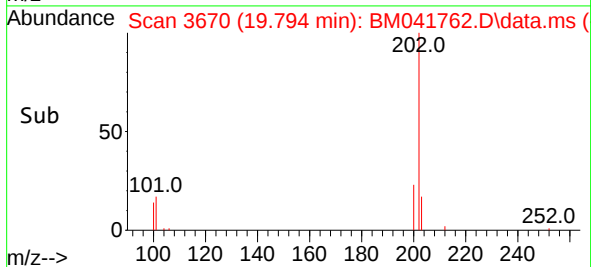
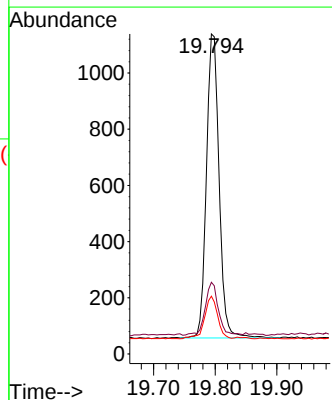
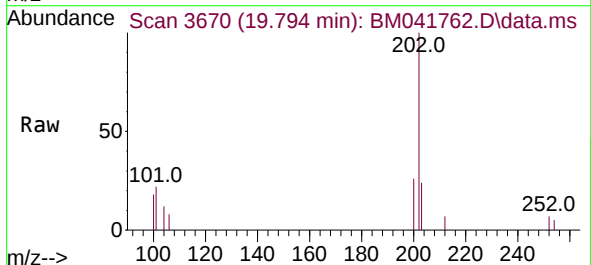
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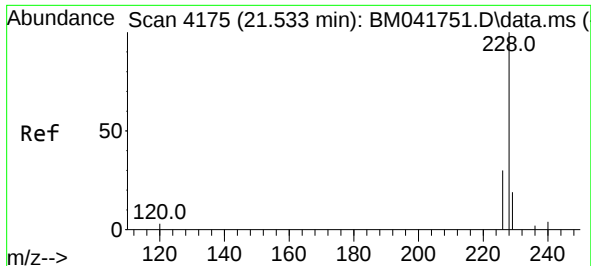
Tgt Ion:202 Resp: 1499
Ion Ratio Lower Upper
202 100
101 19.4 10.5 15.7#
100 14.4 8.4 12.6#



#20
Pyrene
Concen: 0.426 ng/ul
RT: 19.794 min Scan# 3670
Delta R.T. -0.005 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

Tgt Ion:202 Resp: 1538
Ion Ratio Lower Upper
202 100
101 22.4 11.8 17.8#
100 18.1 9.8 14.6#

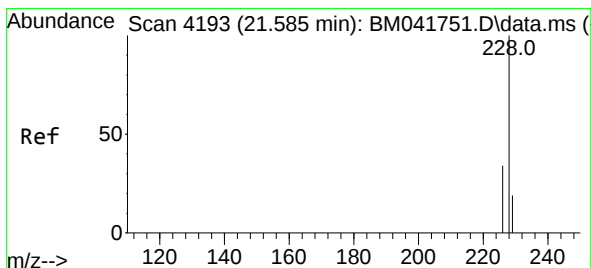
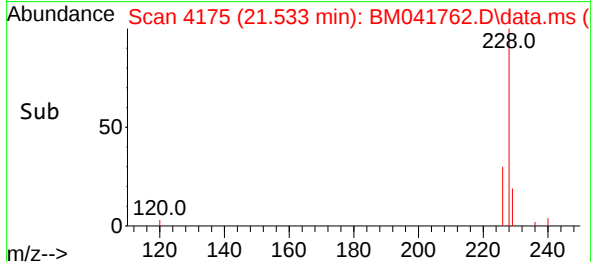
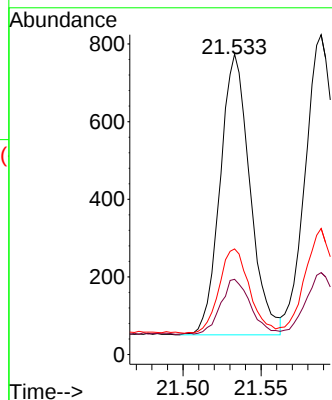
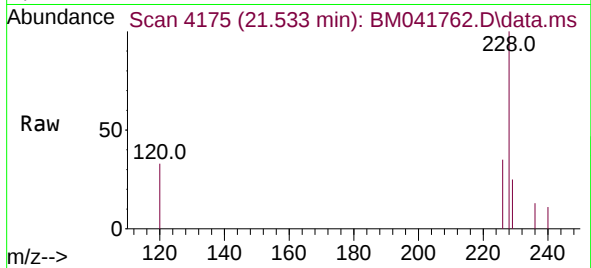




#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.533 min Scan# 4175
Delta R.T. 0.000 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

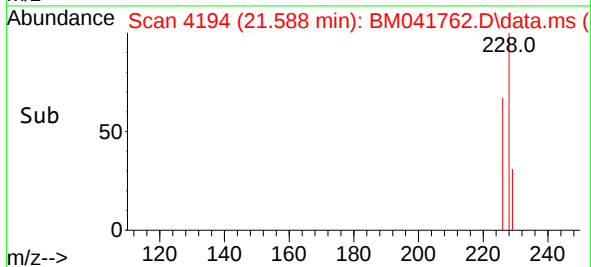
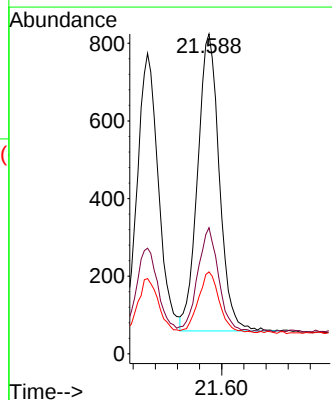
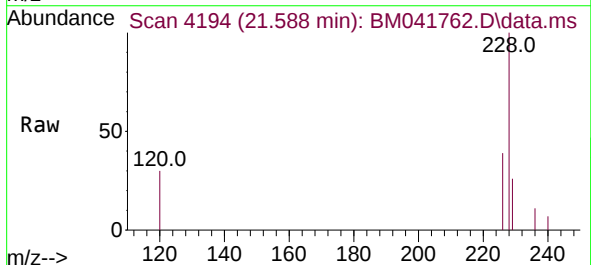
Instrument :
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ClientSampleId :
SSTD0.4078

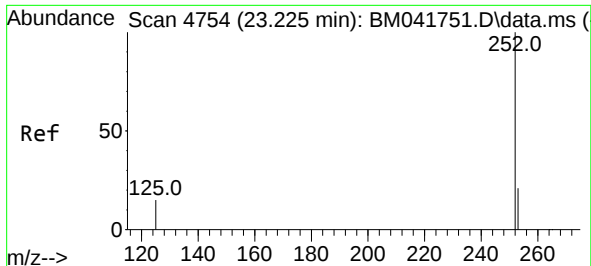
Tgt Ion:228 Resp: 965
Ion Ratio Lower Upper
228 100
229 25.1 15.8 23.6#
226 35.1 24.8 37.2



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.588 min Scan# 4194
Delta R.T. 0.003 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

Tgt Ion:228 Resp: 1037
Ion Ratio Lower Upper
228 100
226 39.4 27.0 40.6
229 25.6 15.4 23.2#

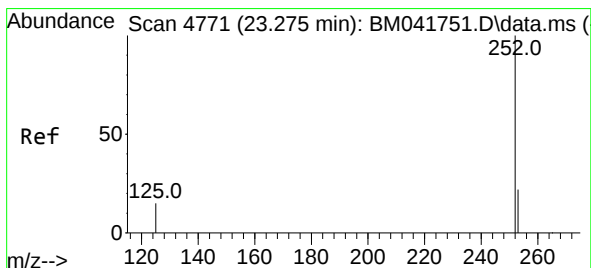
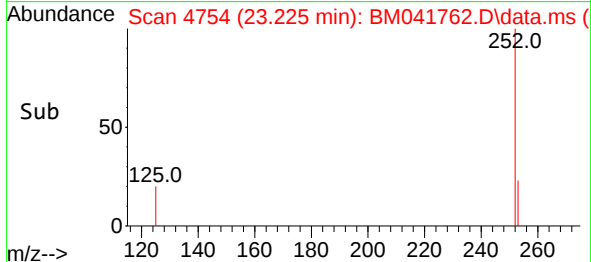
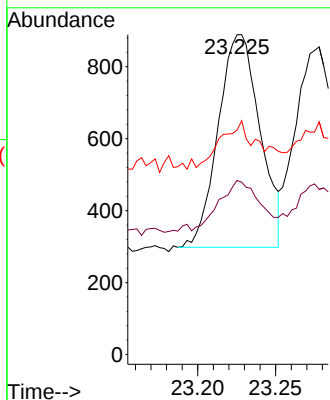
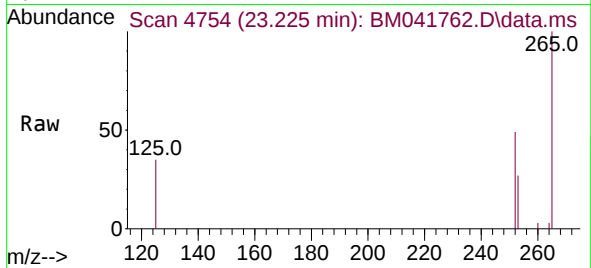




#24
Benzo(b)fluoranthene
Concen: 0.388 ng/ul
RT: 23.225 min Scan# 4754
Delta R.T. 0.000 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

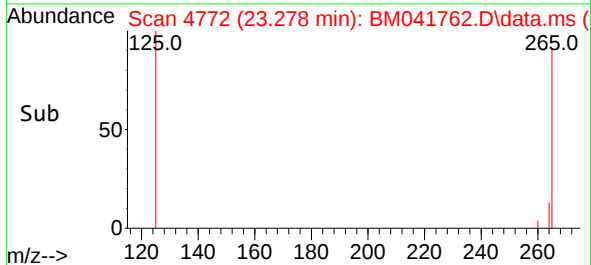
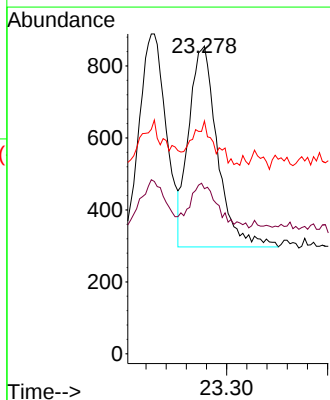
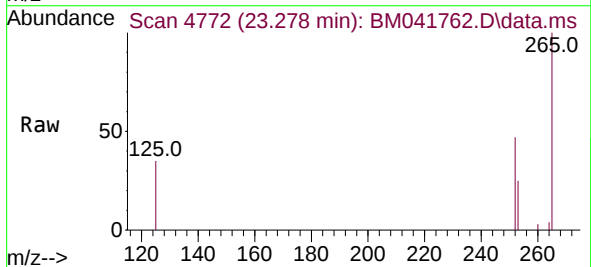
Instrument :
BNA_M
ClientSampleId :
SSTD0.4078

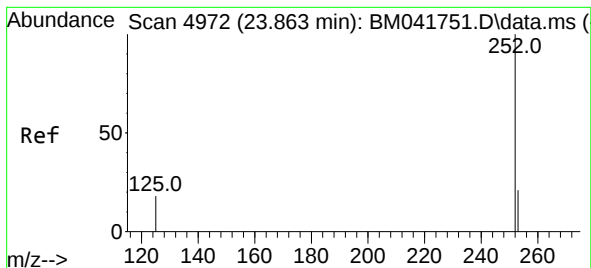
Tgt Ion:252 Resp: 1108
Ion Ratio Lower Upper
252 100
253 54.4 0.0 52.4#
125 70.2 0.0 42.8#



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. 0.003 min
Lab File: BM041762.D
Acq: 09 Sep 2023 23:03

Tgt Ion:252 Resp: 1106
Ion Ratio Lower Upper
252 100
253 53.7 21.3 31.9#
125 75.7 17.4 26.0#





#26

Benzo(a)pyrene

Concen: 0.385 ng/ul

RT: 23.863 min Scan# 4972

Delta R.T. 0.000 min

Lab File: BM041762.D

Acq: 09 Sep 2023 23:03

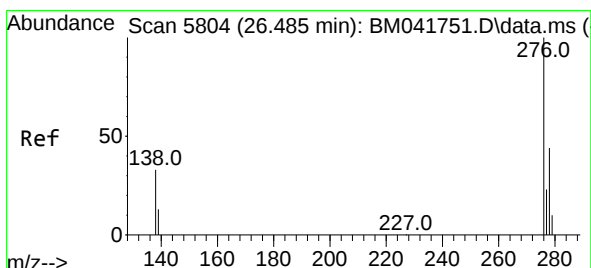
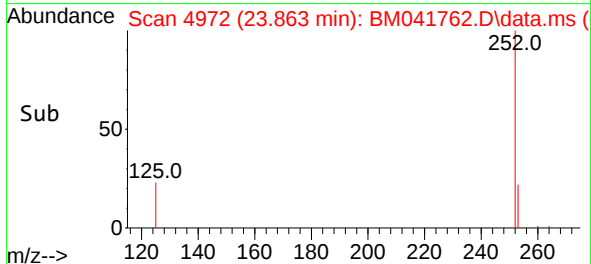
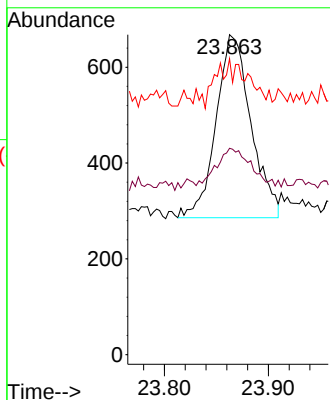
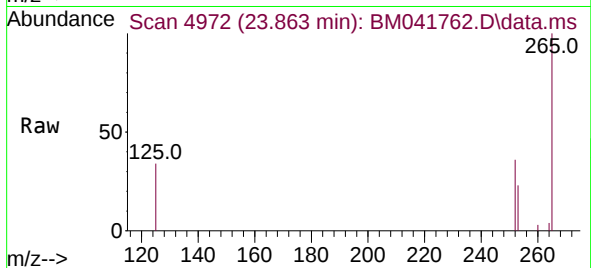
Instrument :

BNA_M

ClientSampleId :

SSTD0.4078

Tgt Ion:	252	Resp:	892
Ion Ratio	Lower	Upper	
252	100		
253	64.5	22.4	33.6#
125	92.5	21.0	31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.382 ng/ul

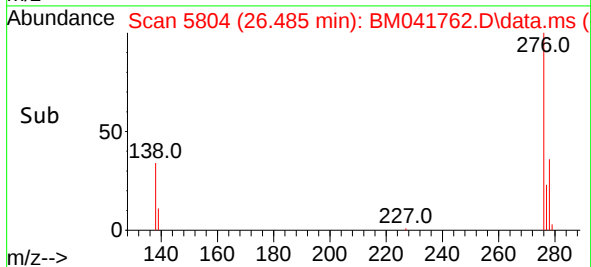
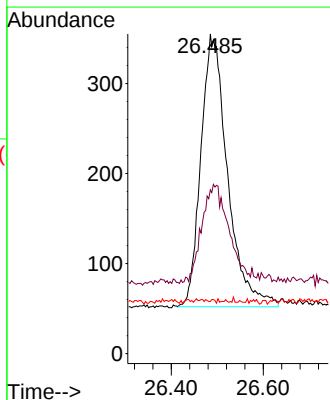
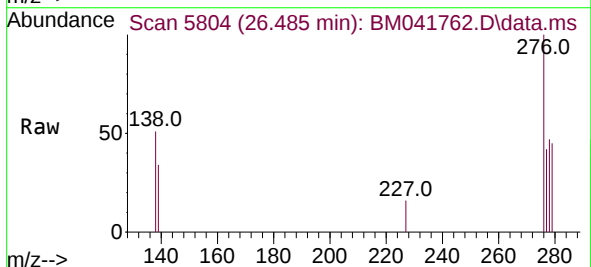
RT: 26.485 min Scan# 5804

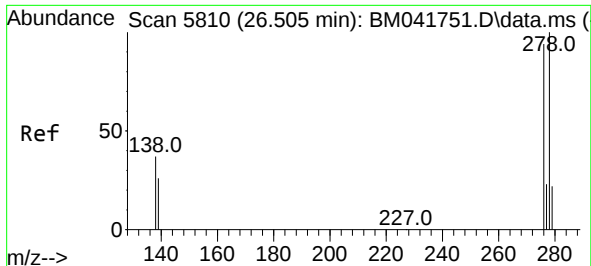
Delta R.T. 0.000 min

Lab File: BM041762.D

Acq: 09 Sep 2023 23:03

Tgt Ion:	276	Resp:	1217
Ion Ratio	Lower	Upper	
276	100		
138	37.1	26.4	39.6
227	0.2	0.1	0.1#

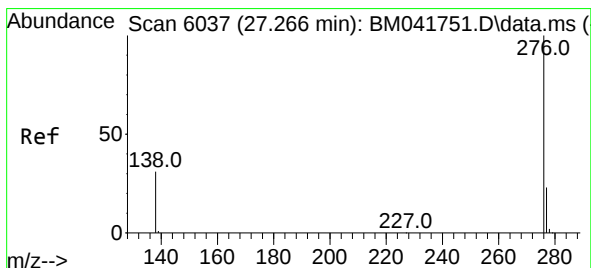
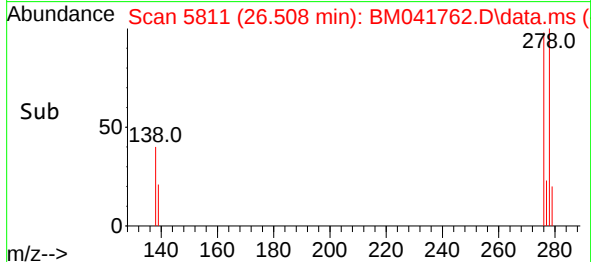
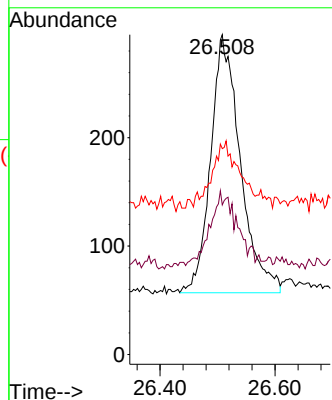
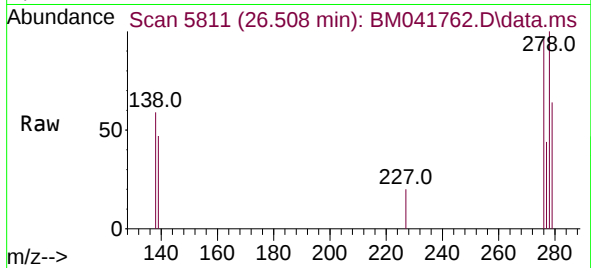




#28
 Dibenzo(a,h)anthracene
 Concen: 0.382 ng/ul
 RT: 26.508 min Scan# 5810
 Delta R.T. 0.003 min
 Lab File: BM041762.D
 Acq: 09 Sep 2023 23:03

Instrument :
 BNA_M
 ClientSampleId :
 SST00.4078

Tgt Ion: 278 Resp: 853
 Ion Ratio Lower Upper
 278 100
 139 46.8 23.0 34.6#
 279 64.4 22.9 34.3#



#29
 Benzo(g,h,i)perylene
 Concen: 0.408 ng/ul
 RT: 27.270 min Scan# 6038
 Delta R.T. 0.003 min
 Lab File: BM041762.D
 Acq: 09 Sep 2023 23:03

Tgt Ion: 276 Resp: 1150
 Ion Ratio Lower Upper
 276 100
 138 50.7 25.0 37.4#
 277 40.2 20.2 30.2#

