

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
 Data File : BM038858.D
 Acq On : 03 Mar 2023 13:36
 Operator : CG/JU
 Sample : PB150957BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK957

Quant Time: Mar 04 01:28:48 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 22:01:14 2023
 Response via : Initial Calibration

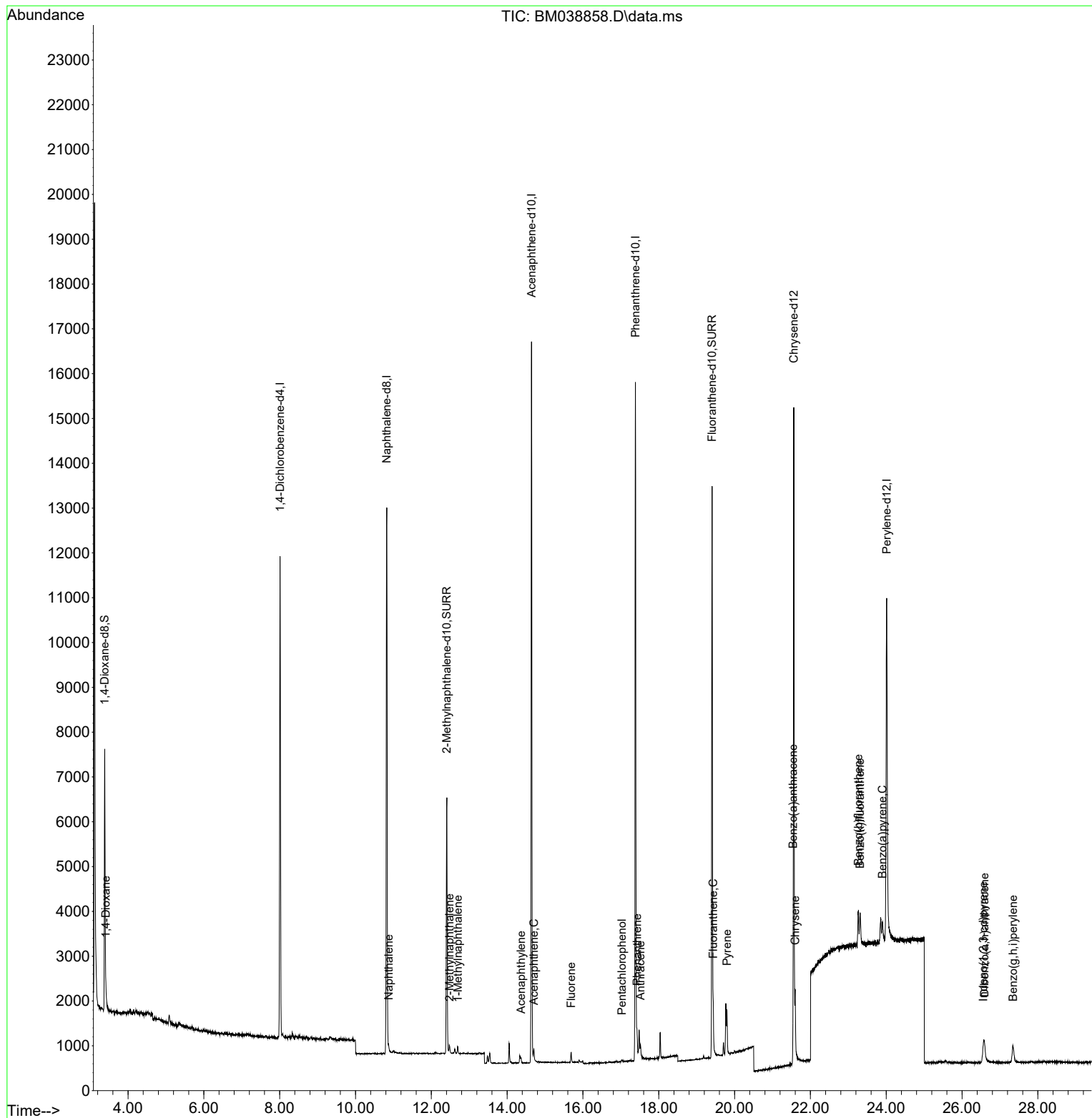
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	5345	0.400	ng/ul	0.00
4) Naphthalene-d8	10.825	136	16982	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	8689	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	18192	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	13773	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	11861	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	4229	0.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	7522	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	14309	0.436	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.415	88	20	0.003	ng/ul#	50
5) Naphthalene	10.875	128	174	0.004	ng/ul#	22
7) 2-Methylnaphthalene	12.481	142	133	0.005	ng/ul	96
8) 1-Methylnaphthalene	12.701	142	114	0.004	ng/ul	98
10) Acenaphthylene	14.367	152	173	0.005	ng/ul#	27
11) Acenaphthene	14.709	153	133	0.005	ng/ul#	89
12) Fluorene	15.690	166	158	0.005	ng/ul#	77
14) Pentachlorophenol	17.030	266	30	0.007	ng/ul#	91
15) Phenanthrene	17.427	178	458	0.010	ng/ul#	54
16) Anthracene	17.516	178	283	0.007	ng/ul#	33
19) Fluoranthene	19.438	202	843	0.018	ng/ul#	77
20) Pyrene	19.800	202	843	0.018	ng/ul#	80
21) Benzo(a)anthracene	21.546	228	900	0.023	ng/ul#	89
22) Chrysene	21.599	228	1177	0.025	ng/ul#	92
24) Benzo(b)fluoranthene	23.265	252	1090	0.024	ng/ul#	19
25) Benzo(k)fluoranthene	23.312	252	976	0.021	ng/ul#	14
26) Benzo(a)pyrene	23.902	252	708	0.019	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.557	276	860	0.018	ng/ul	96
28) Dibenzo(a,h)anthracene	26.588	278	645	0.018	ng/ul#	1
29) Benzo(g,h,i)perylene	27.346	276	872	0.020	ng/ul#	49

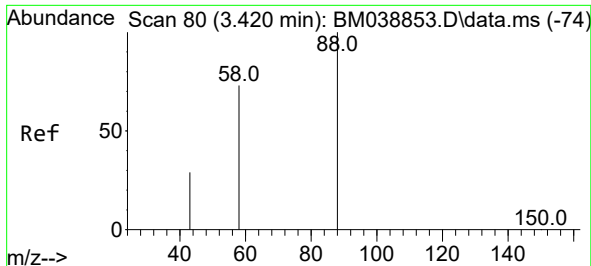
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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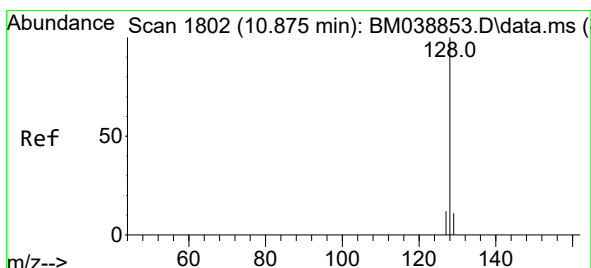
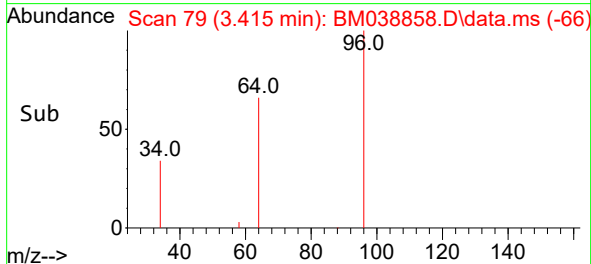
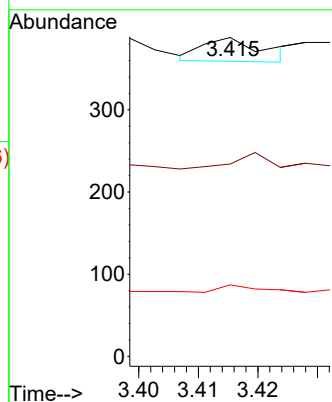
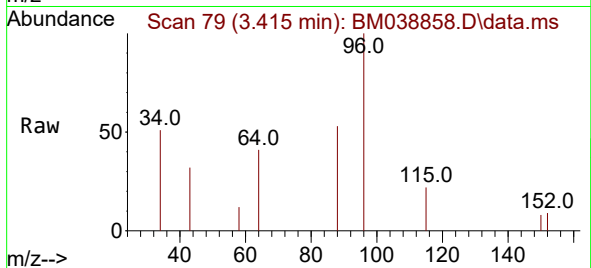




#2
1,4-Dioxane
Concen: 0.003 ng/ul
RT: 3.415 min Scan# 79
Delta R.T. -0.004 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

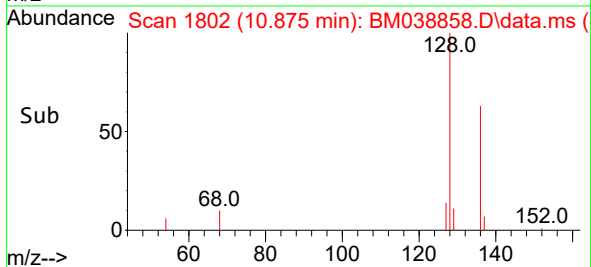
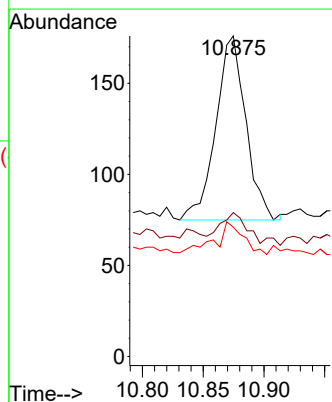
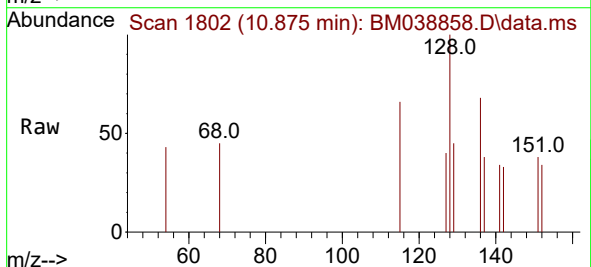
Instrument :
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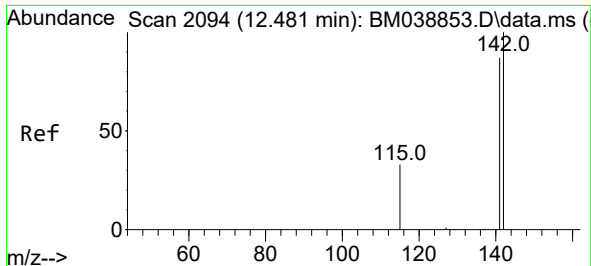
Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 60.3 27.2 40.8#
58 22.4 50.8 76.2#



#5
Naphthalene
Concen: 0.004 ng/ul
RT: 10.875 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

Tgt Ion: 128 Resp: 174
Ion Ratio Lower Upper
128 100
129 44.9 9.1 13.7#
127 40.3 10.3 15.5#

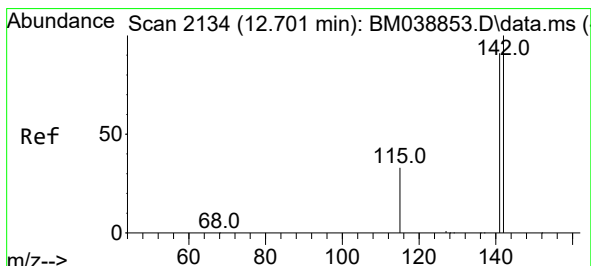
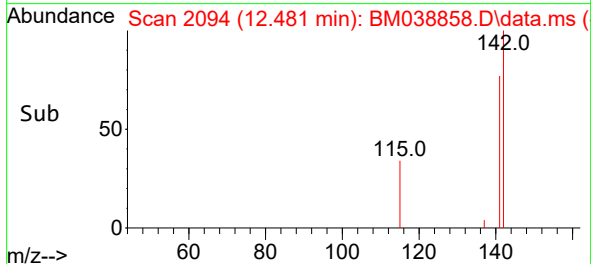
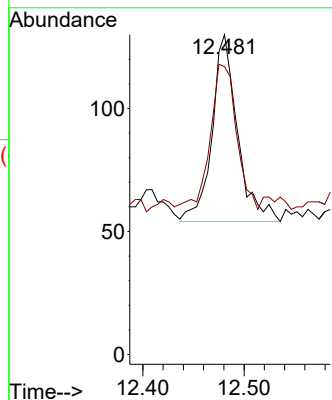
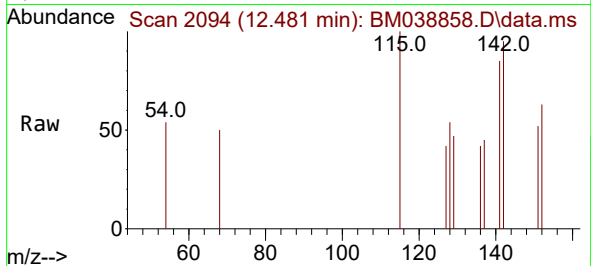




#7
2-Methylnaphthalene
Concen: 0.005 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

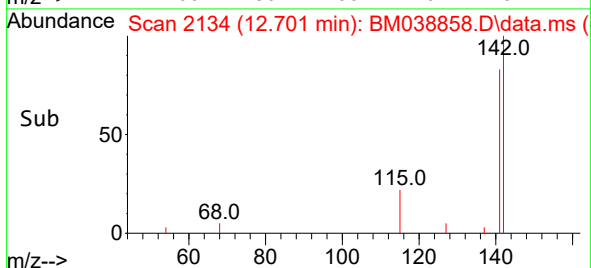
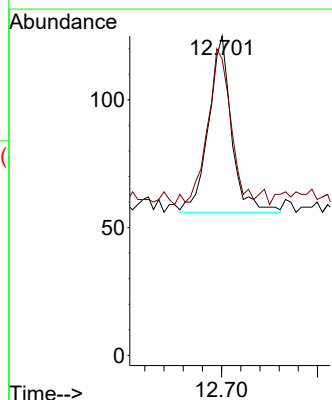
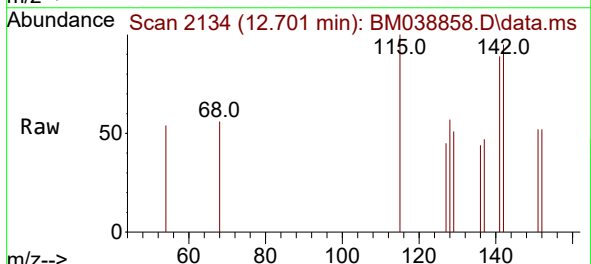
Instrument :
BNA_M
ClientSampleId :
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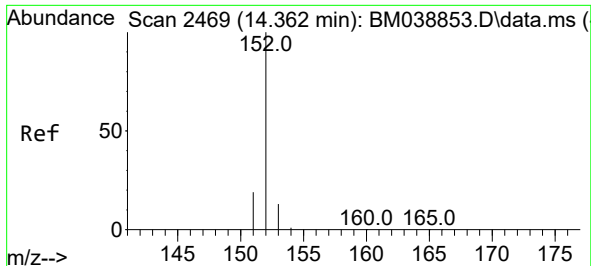
Tgt Ion:142 Resp: 133
Ion Ratio Lower Upper
142 100
141 83.5 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.004 ng/ul
RT: 12.701 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

Tgt Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
141 93.9 73.5 110.3

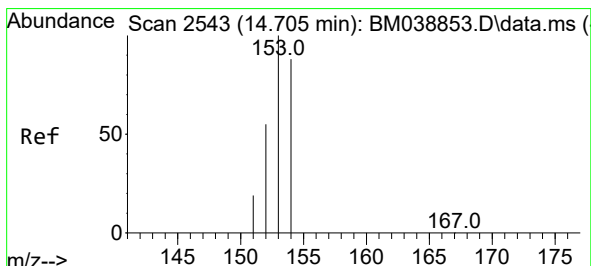
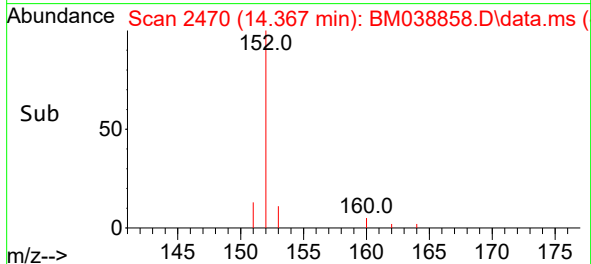
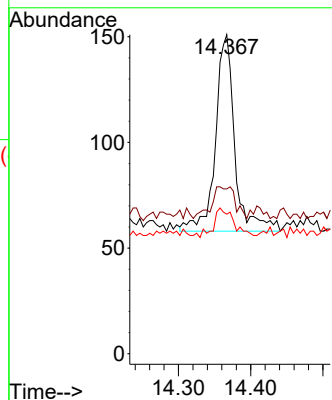
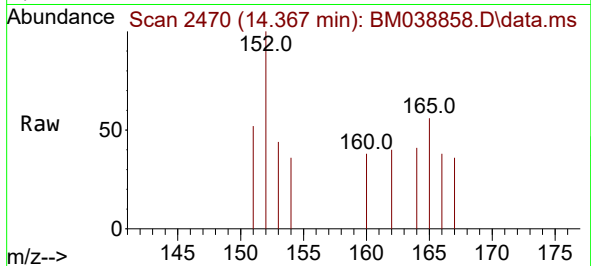




#10
Acenaphthylene
Concen: 0.005 ng/ul
RT: 14.367 min Scan# 2469
Delta R.T. 0.004 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

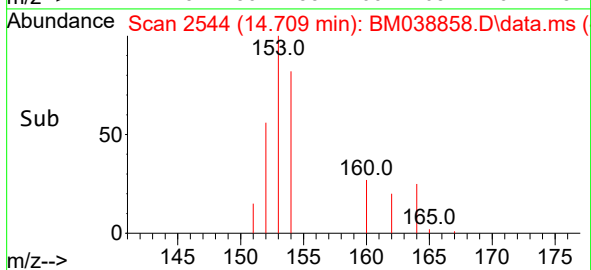
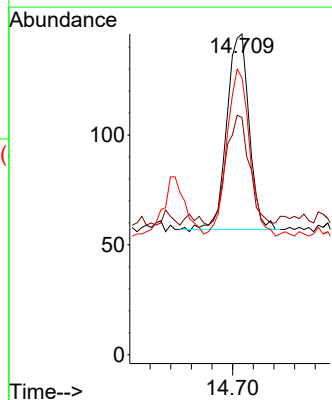
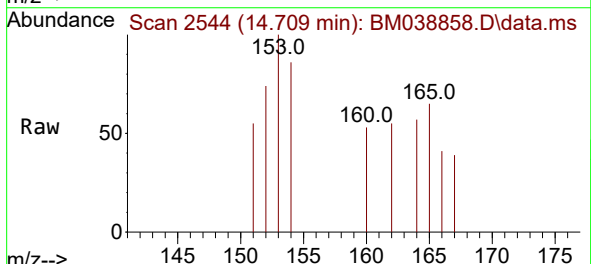
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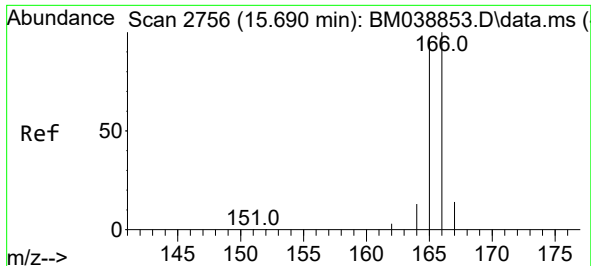
Tgt Ion:152 Resp: 173
Ion Ratio Lower Upper
152 100
151 51.7 15.6 23.4#
153 43.7 10.6 15.8#



#11
Acenaphthene
Concen: 0.005 ng/ul
RT: 14.709 min Scan# 2544
Delta R.T. 0.004 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

Tgt Ion:153 Resp: 133
Ion Ratio Lower Upper
153 100
152 74.0 44.2 66.2#
154 86.3 70.6 105.8

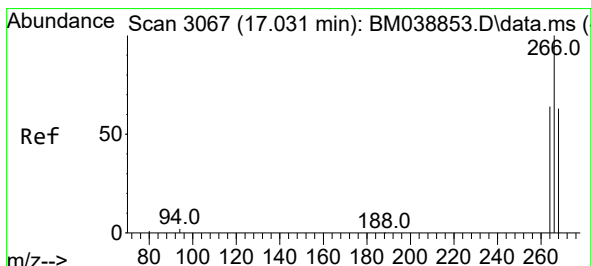
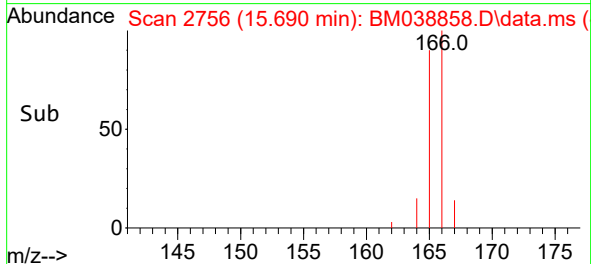
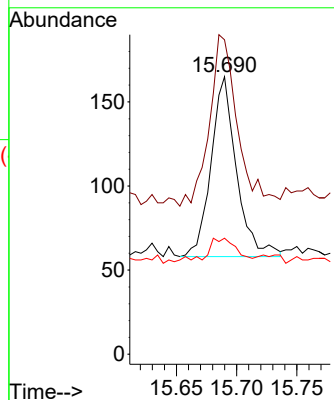
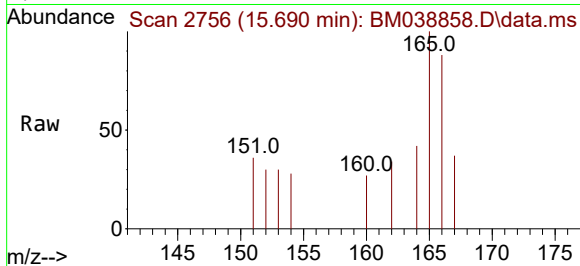




#12
Fluorene
Concen: 0.005 ng/ul
RT: 15.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

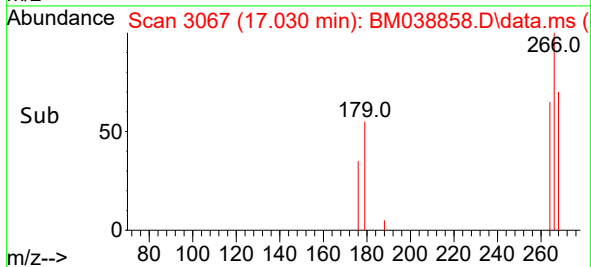
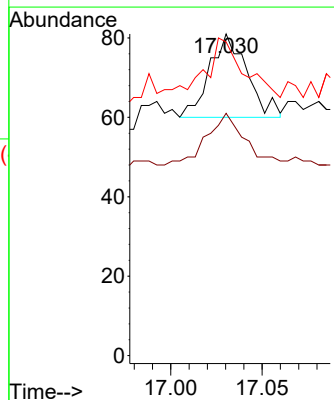
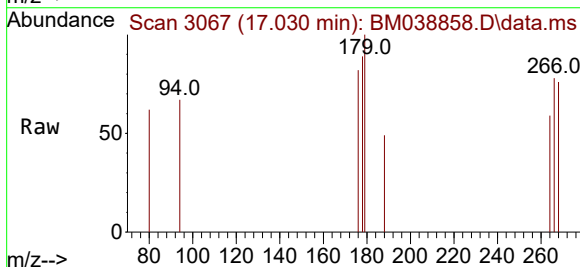
Instrument :
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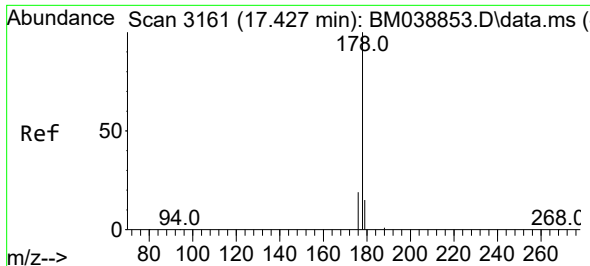
Tgt Ion:166 Resp: 158
Ion Ratio Lower Upper
166 100
165 113.3 77.8 116.6
167 41.8 11.4 17.2#



#14
Pentachlorophenol
Concen: 0.007 ng/ul
RT: 17.030 min Scan# 3067
Delta R.T. -0.000 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

Tgt Ion:266 Resp: 30
Ion Ratio Lower Upper
266 100
264 63.3 50.2 75.2
268 76.7 50.2 75.4#

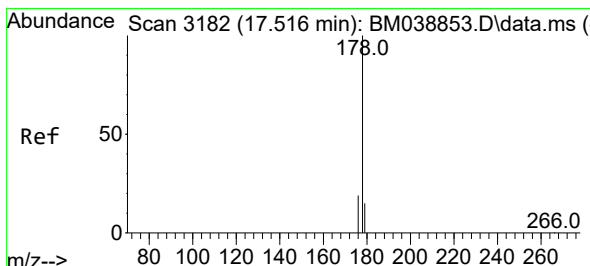
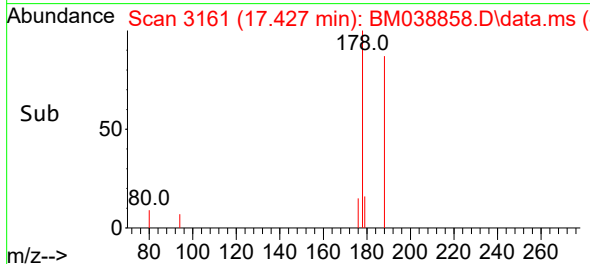
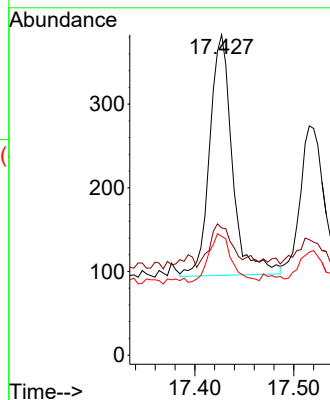
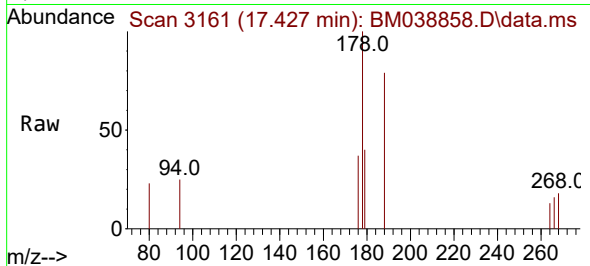




#15
Phenanthrene
Concen: 0.010 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

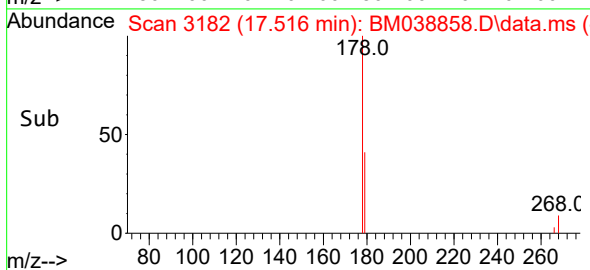
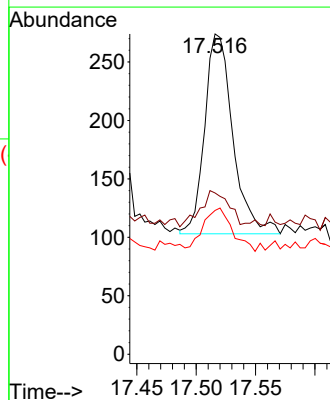
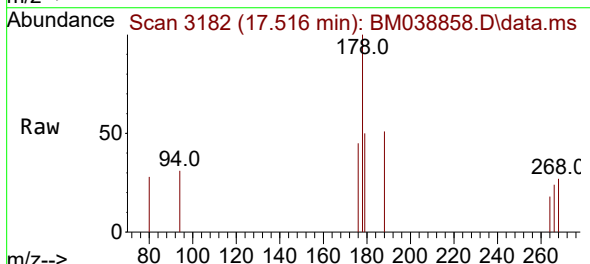
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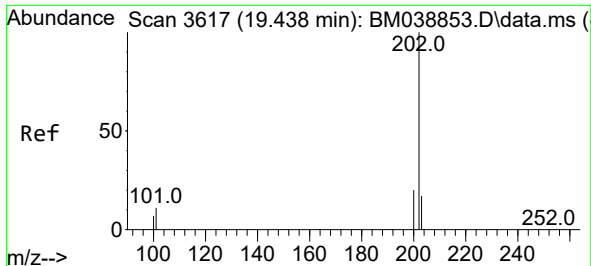
Tgt Ion:178 Resp: 458
Ion Ratio Lower Upper
178 100
179 39.7 12.7 19.1#
176 37.1 15.9 23.9#



#16
Anthracene
Concen: 0.007 ng/ul
RT: 17.516 min Scan# 3182
Delta R.T. -0.000 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

Tgt Ion:178 Resp: 283
Ion Ratio Lower Upper
178 100
179 50.4 13.0 19.6#
176 44.9 15.4 23.2#

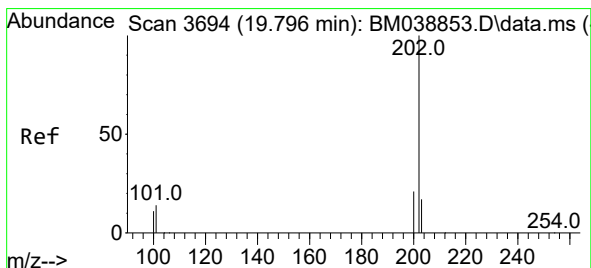
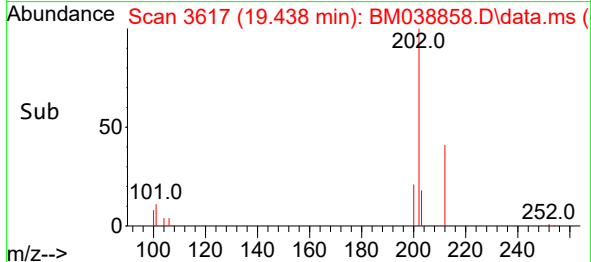
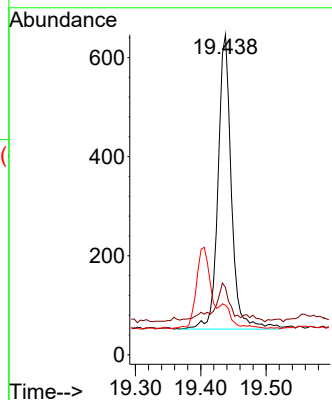
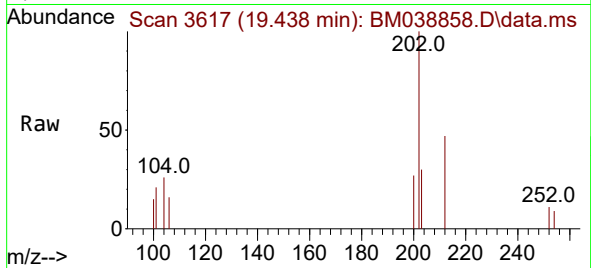




#19
Fluoranthene
Concen: 0.018 ng/ul
RT: 19.438 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

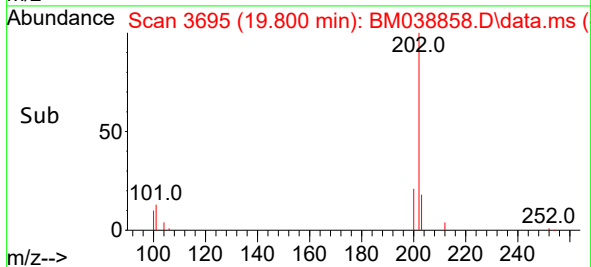
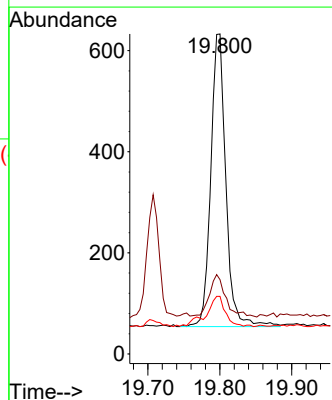
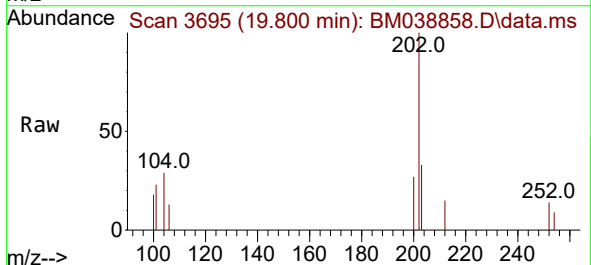
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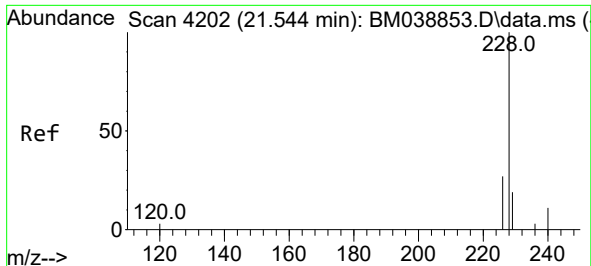
Tgt Ion:202 Resp: 843
Ion Ratio Lower Upper
202 100
101 21.1 8.9 13.3#
100 15.5 6.8 10.2#



#20
Pyrene
Concen: 0.018 ng/ul
RT: 19.800 min Scan# 3695
Delta R.T. 0.004 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

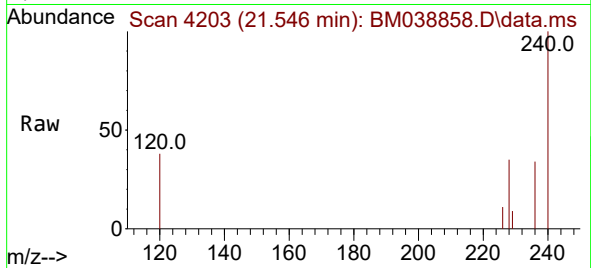
Tgt Ion:202 Resp: 843
Ion Ratio Lower Upper
202 100
101 23.2 11.2 16.8#
100 18.0 9.0 13.6#



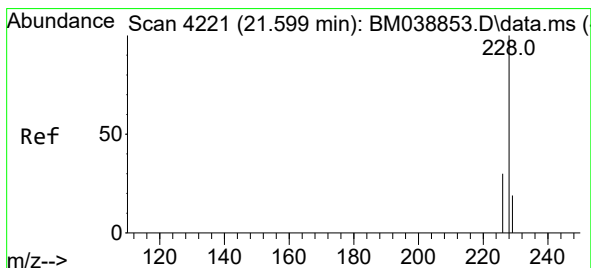
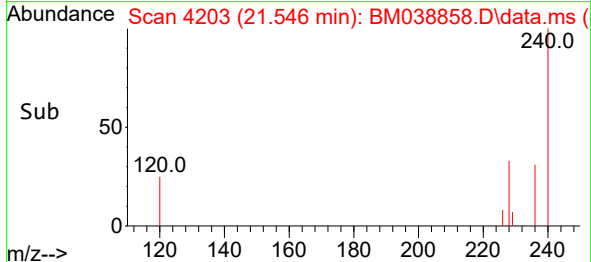
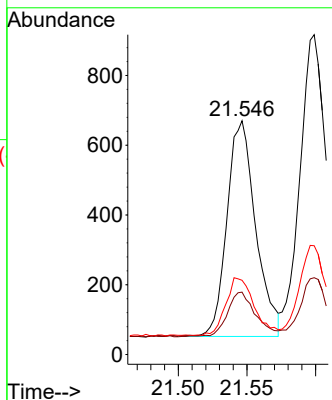


#21
Benzo(a)anthracene
Concen: 0.023 ng/ul
RT: 21.546 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

Instrument :
BNA_M
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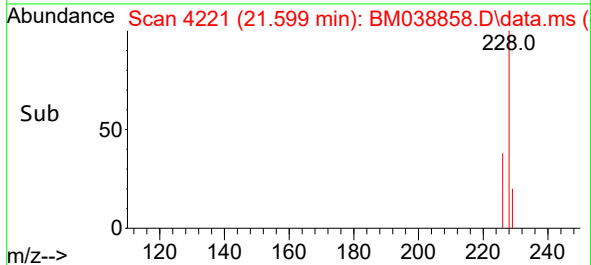
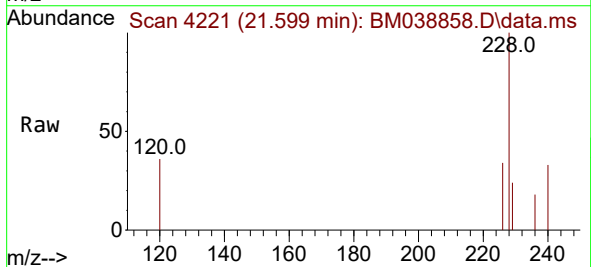
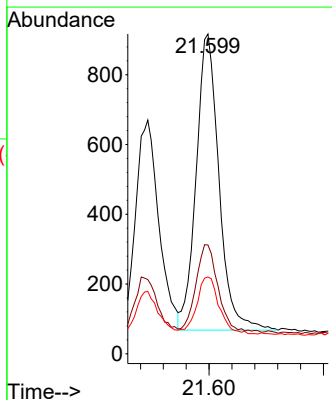


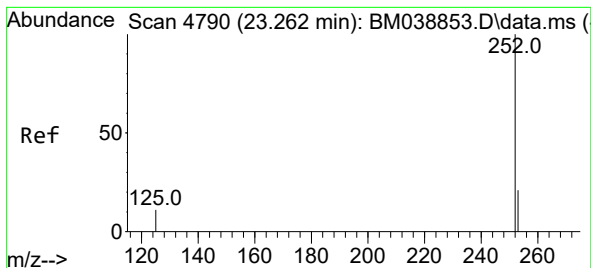
Tgt Ion:228 Resp: 900
Ion Ratio Lower Upper
228 100
229 26.7 15.6 23.4#
226 31.8 22.0 33.0



#22
Chrysene
Concen: 0.025 ng/ul
RT: 21.599 min Scan# 4221
Delta R.T. -0.000 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

Tgt Ion:228 Resp: 1177
Ion Ratio Lower Upper
228 100
226 34.0 24.0 36.0
229 24.0 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.024 ng/ul

RT: 23.265 min Scan# 4791

Delta R.T. 0.003 min

Lab File: BM038858.D

Acq: 03 Mar 2023 13:36

Instrument :

BNA_M

ClientSampleId :

SBLK957

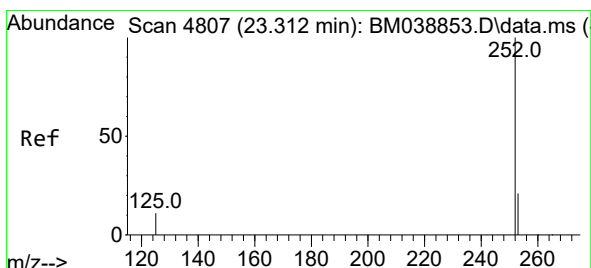
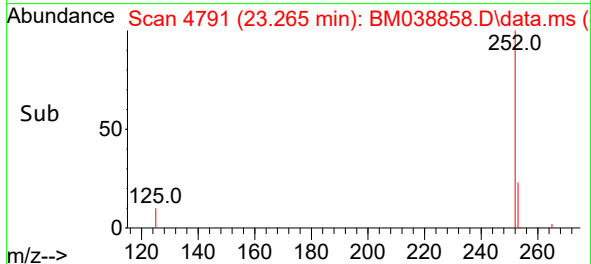
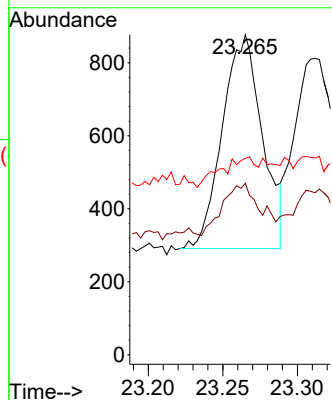
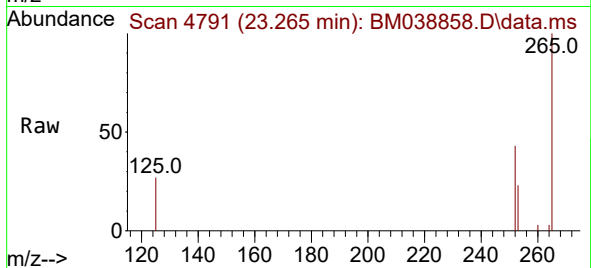
Tgt Ion:252 Resp: 1090

Ion Ratio Lower Upper

252 100

253 53.6 0.0 47.6#

125 61.3 0.0 29.2#



#25

Benzo(k)fluoranthene

Concen: 0.021 ng/ul

RT: 23.312 min Scan# 4807

Delta R.T. -0.000 min

Lab File: BM038858.D

Acq: 03 Mar 2023 13:36

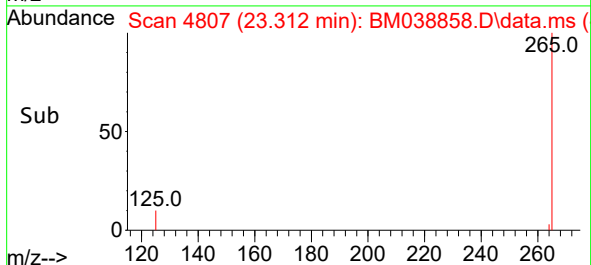
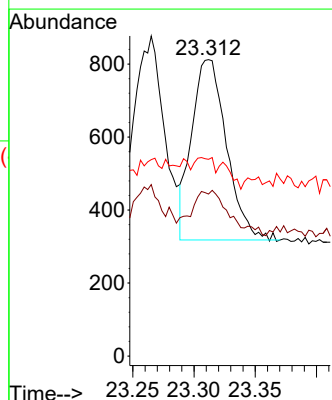
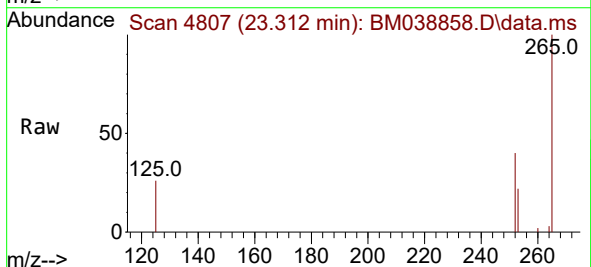
Tgt Ion:252 Resp: 976

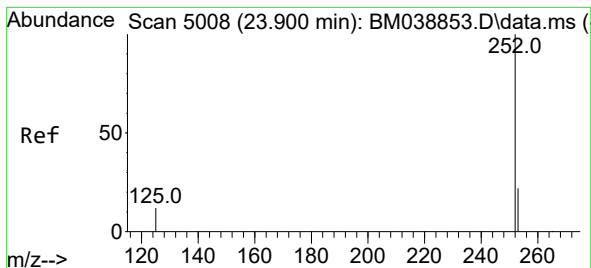
Ion Ratio Lower Upper

252 100

253 54.7 19.2 28.8#

125 66.4 11.8 17.6#





#26

Benzo(a)pyrene

Concen: 0.019 ng/ul

RT: 23.902 min Scan# 5009

Delta R.T. 0.003 min

Lab File: BM038858.D

Acq: 03 Mar 2023 13:36

Instrument :

BNA_M

ClientSampleId :

SBLK957

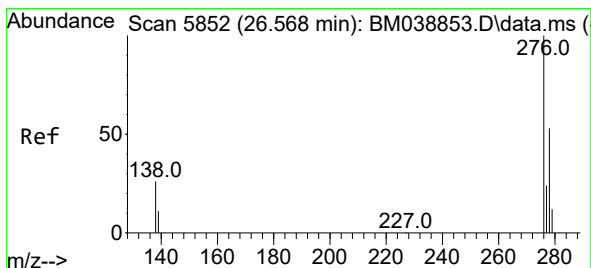
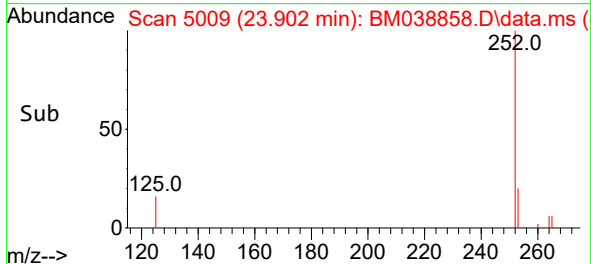
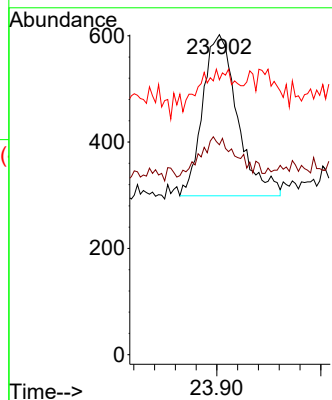
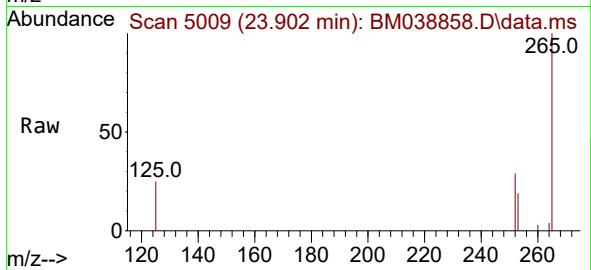
Tgt Ion:252 Resp: 708

Ion Ratio Lower Upper

252 100

253 65.6 20.3 30.5#

125 85.9 14.0 21.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.018 ng/ul

RT: 26.557 min Scan# 5849

Delta R.T. -0.010 min

Lab File: BM038858.D

Acq: 03 Mar 2023 13:36

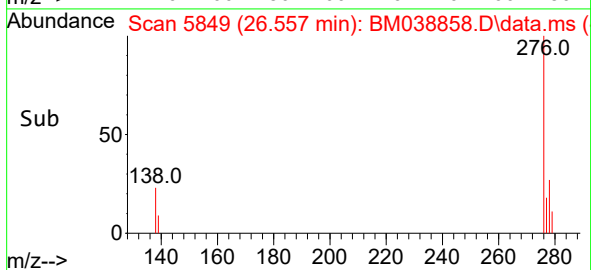
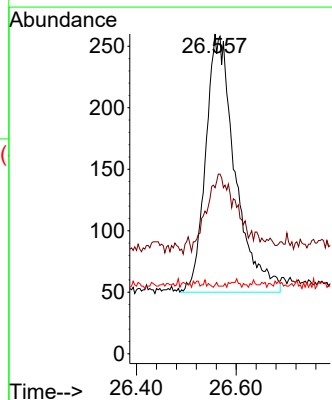
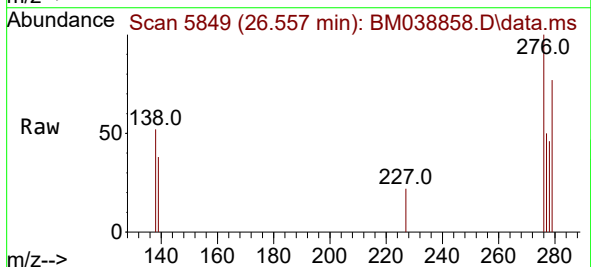
Tgt Ion:276 Resp: 860

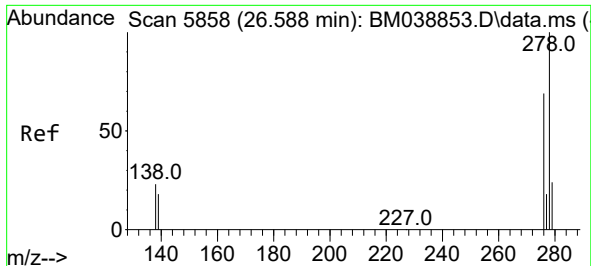
Ion Ratio Lower Upper

276 100

138 29.9 22.2 33.4

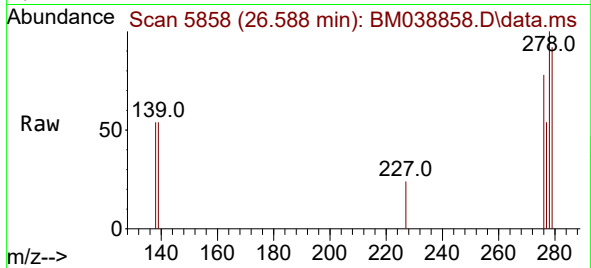
227 0.2 0.2 0.2



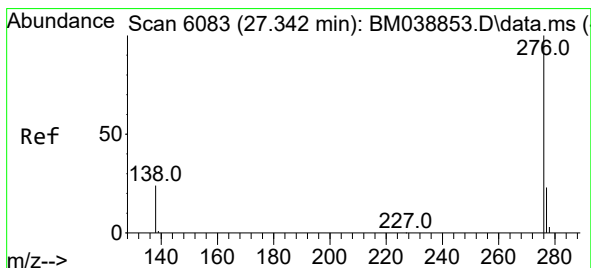
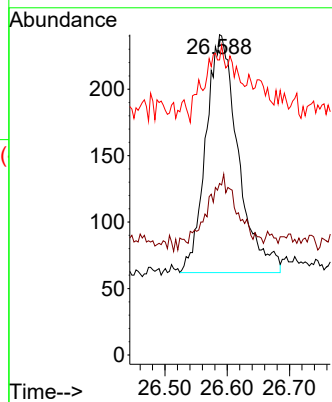
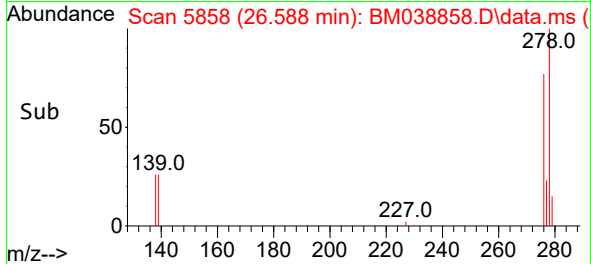


#28
Dibenzo(a,h)anthracene
Concen: 0.018 ng/ul
RT: 26.588 min Scan# 5858
Delta R.T. -0.000 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

Instrument :
BNA_M
ClientSampleId :
SBLK957



Tgt Ion:278 Resp: 645
Ion Ratio Lower Upper
278 100
139 53.5 16.0 24.0#
279 92.1 21.8 32.6#



#29
Benzo(g,h,i)perylene
Concen: 0.020 ng/ul
RT: 27.346 min Scan# 6084
Delta R.T. 0.003 min
Lab File: BM038858.D
Acq: 03 Mar 2023 13:36

Tgt Ion:276 Resp: 872
Ion Ratio Lower Upper
276 100
138 49.1 20.2 30.4#
277 52.2 19.8 29.8#

