

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038584.D
 Acq On : 27 Jan 2023 13:48
 Operator : CG/JU
 Sample : 01226-09MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX9G4MS

Quant Time: Jan 27 21:59:43 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)

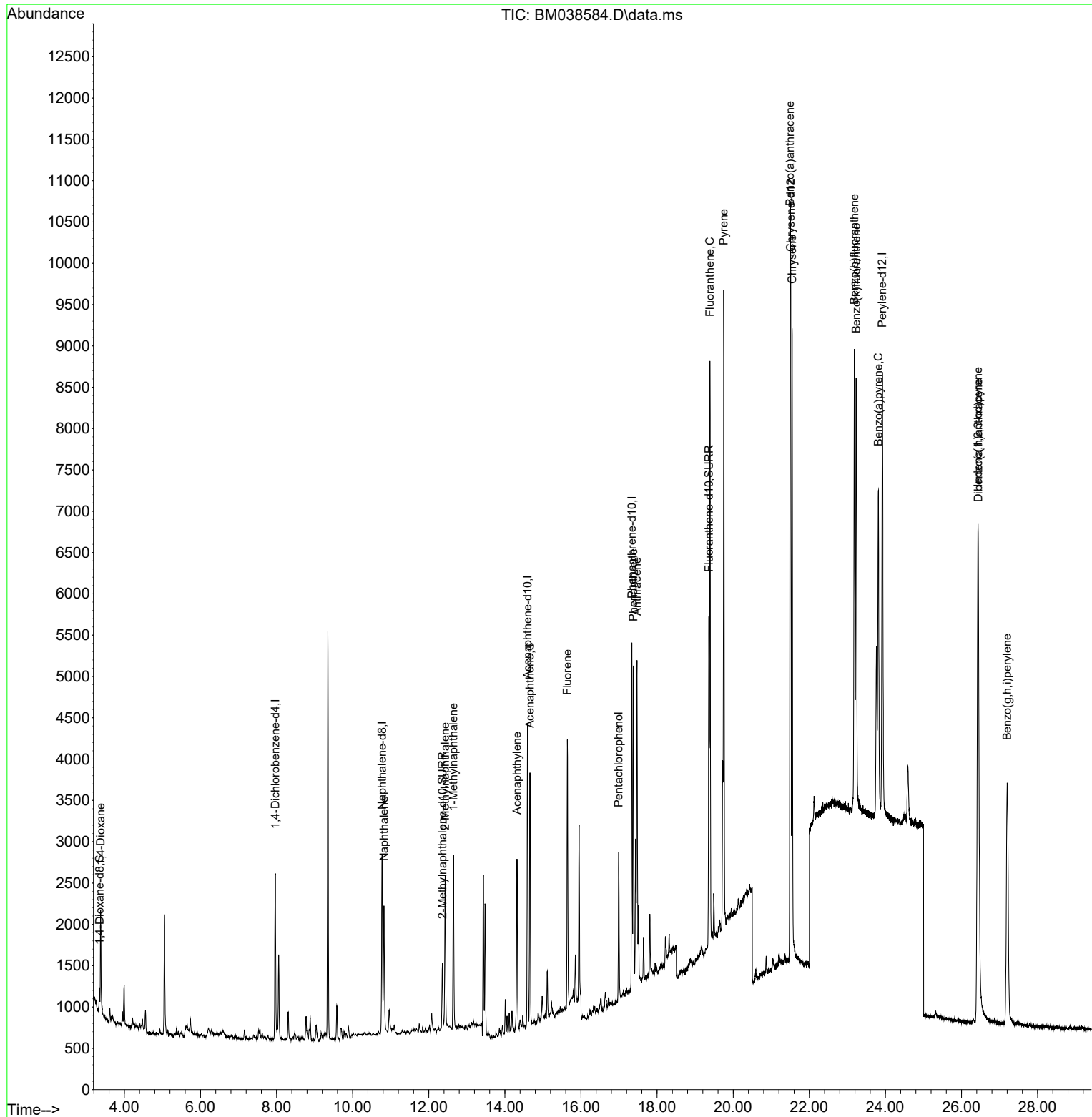
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	1187	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	3224	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	2061	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	5290	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.513	240	6774	0.400	ng/ul	# 0.00
23) Perylene-d12	23.918	264	7445	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.347	96	219	0.141	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	1141	0.228	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	4590	0.237	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	871	0.551	ng/ul#	23
5) Naphthalene	10.823	128	2090	0.199	ng/ul	94
7) 2-Methylnaphthalene	12.429	142	1347	0.243	ng/ul	94
8) 1-Methylnaphthalene	12.649	142	1426	0.249	ng/ul	99
10) Acenaphthylene	14.319	152	2354	0.259	ng/ul#	91
11) Acenaphthene	14.657	153	1699	0.245	ng/ul	98
12) Fluorene	15.642	166	2168	0.251	ng/ul#	98
14) Pentachlorophenol	16.991	266	1232	0.572	ng/ul	99
15) Phenanthrene	17.379	178	4154	0.243	ng/ul#	93
16) Anthracene	17.472	178	4233	0.290	ng/ul#	93
19) Fluoranthene	19.390	202	6219	0.258	ng/ul#	93
20) Pyrene	19.752	202	6666	0.257	ng/ul#	95
21) Benzo(a)anthracene	21.495	228	6678	0.277	ng/ul	94
22) Chrysene	21.548	228	6624	0.274	ng/ul#	92
24) Benzo(b)fluoranthene	23.184	252	7361	0.263	ng/ul	90
25) Benzo(k)fluoranthene	23.231	252	7119	0.262	ng/ul#	92
26) Benzo(a)pyrene	23.813	252	6283	0.250	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.431	276	8738	0.247	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.441	278	6965	0.247	ng/ul#	93
29) Benzo(g,h,i)perylene	27.203	276	7424	0.241	ng/ul	97

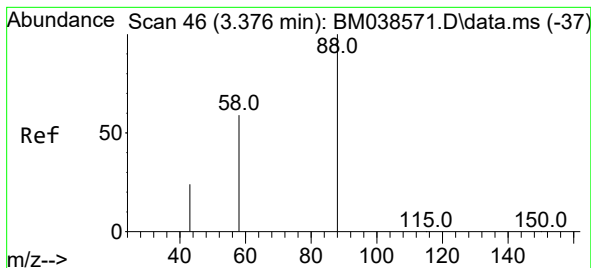
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.551 ng/ul

RT: 3.376 min Scan# 46

Delta R.T. -0.004 min

Lab File: BM038584.D

Acq: 27 Jan 2023 13:48

Instrument :

BNA_M

ClientSampleId :

EX9G4MS

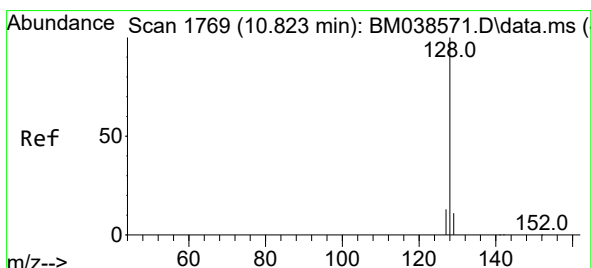
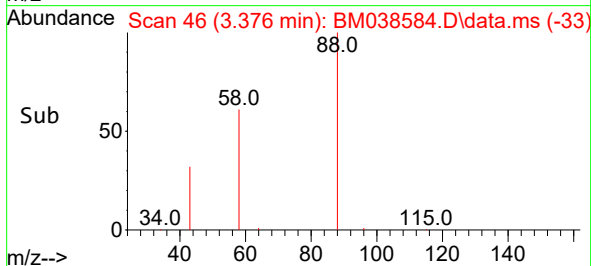
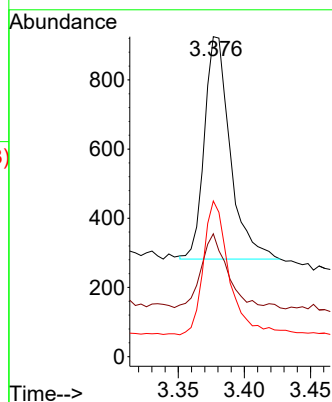
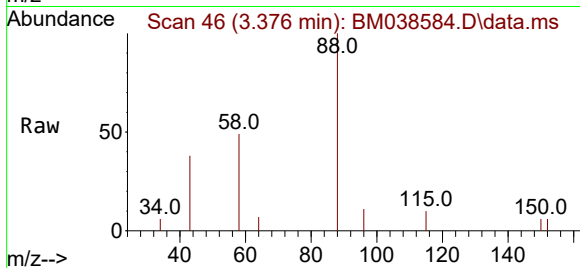
Tgt Ion: 88 Resp: 871

Ion Ratio Lower Upper

88 100

43 38.4 141.3 211.9#

58 48.6 45.7 68.5



#5

Naphthalene

Concen: 0.199 ng/ul

RT: 10.823 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BM038584.D

Acq: 27 Jan 2023 13:48

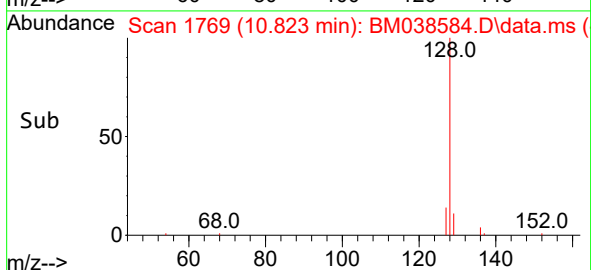
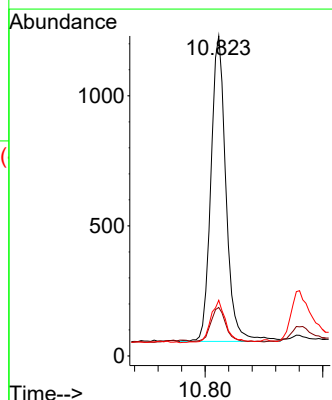
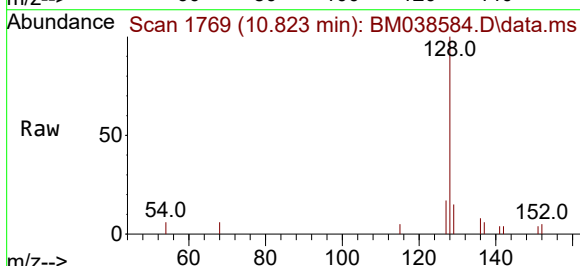
Tgt Ion: 128 Resp: 2090

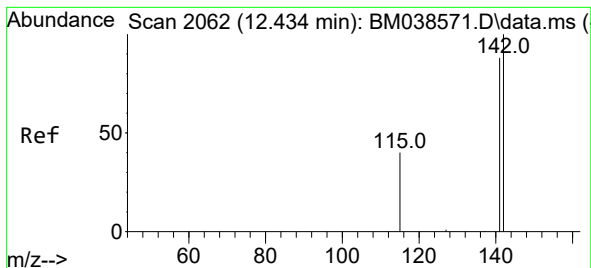
Ion Ratio Lower Upper

128 100

129 15.1 10.3 15.5

127 17.4 11.9 17.9

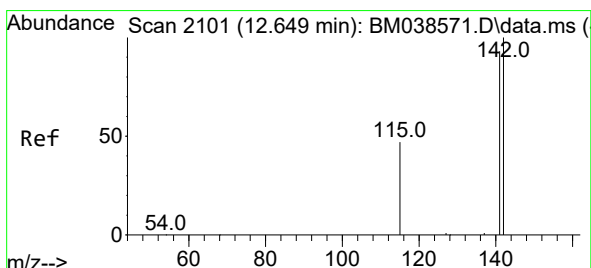
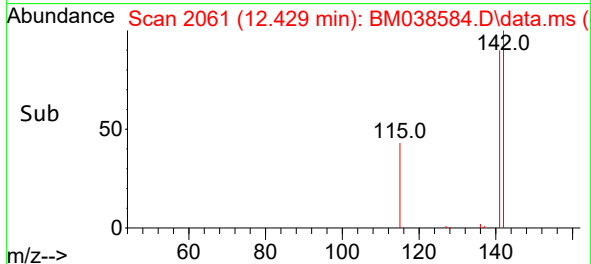
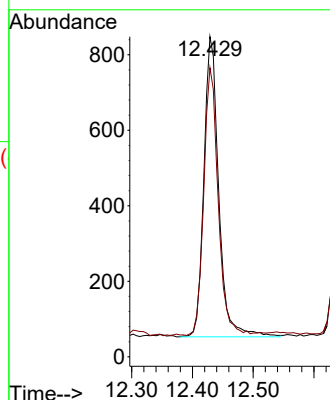
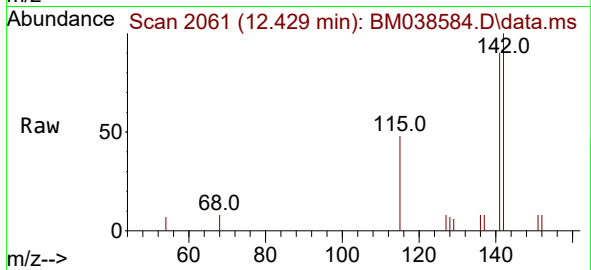




#7
2-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.429 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

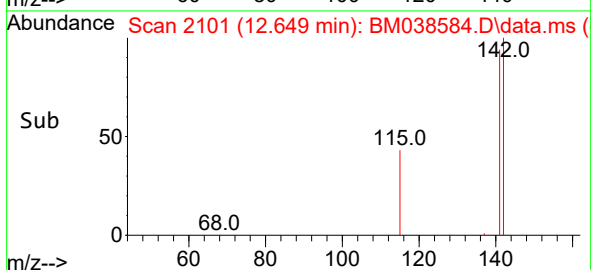
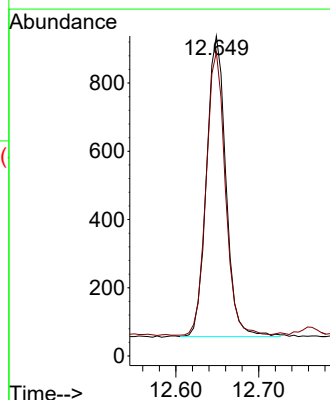
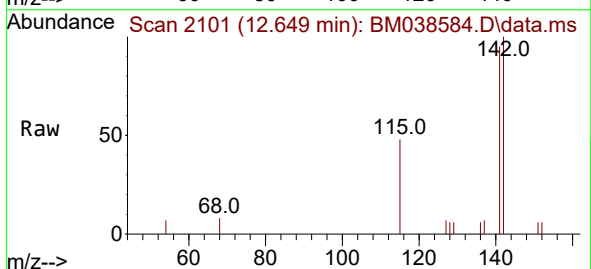
Instrument :
BNA_M
ClientSampleId :
EX9G4MS

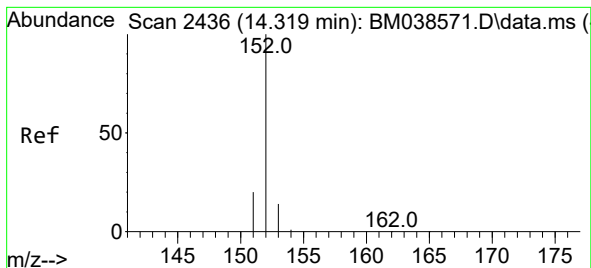
Tgt Ion:142 Resp: 1347
Ion Ratio Lower Upper
142 100
141 86.5 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.249 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

Tgt Ion:142 Resp: 1426
Ion Ratio Lower Upper
142 100
141 93.5 74.0 111.0





#10

Acenaphthylene

Concen: 0.259 ng/ul

RT: 14.319 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BM038584.D

Acq: 27 Jan 2023 13:48

Instrument :

BNA_M

ClientSampleId :

EX9G4MS

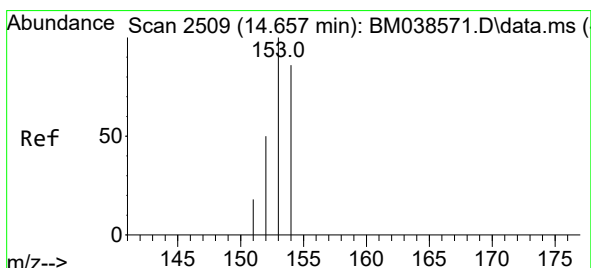
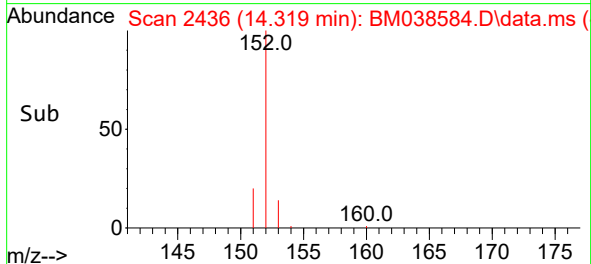
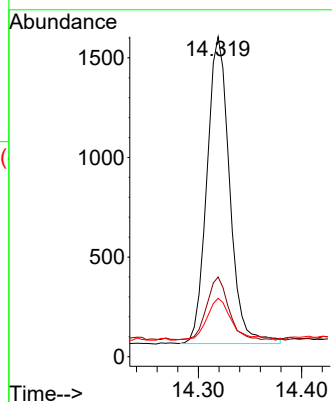
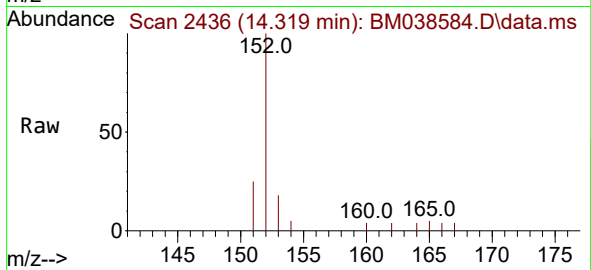
Tgt Ion:152 Resp: 2354

Ion Ratio Lower Upper

152 100

151 24.9 16.3 24.5#

153 18.2 11.8 17.6#



#11

Acenaphthene

Concen: 0.245 ng/ul

RT: 14.657 min Scan# 2509

Delta R.T. -0.005 min

Lab File: BM038584.D

Acq: 27 Jan 2023 13:48

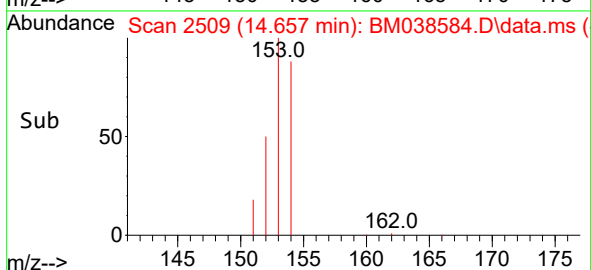
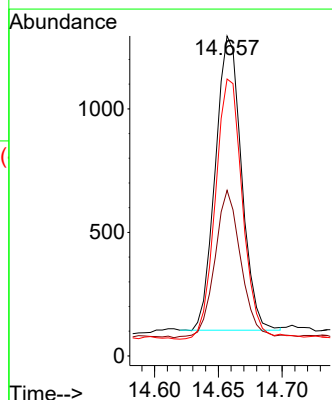
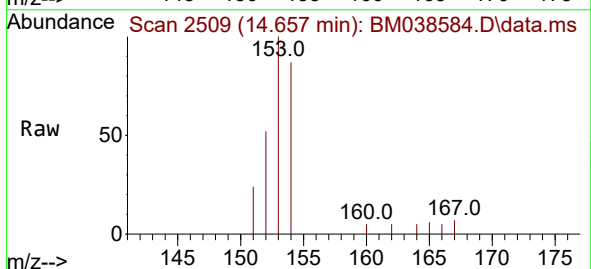
Tgt Ion:153 Resp: 1699

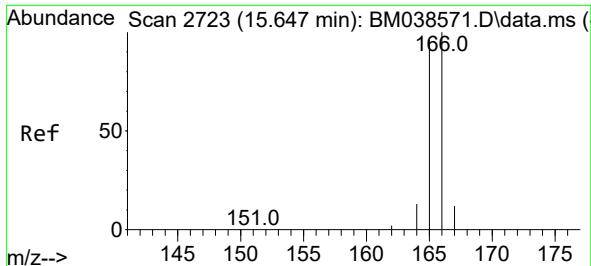
Ion Ratio Lower Upper

153 100

152 51.7 40.1 60.1

154 86.6 68.4 102.6

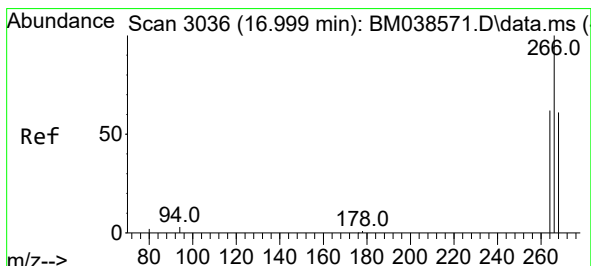
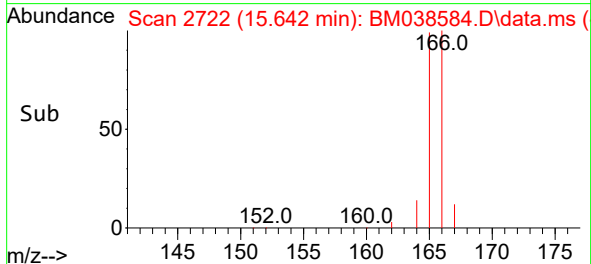
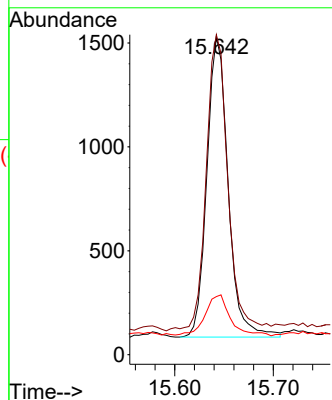
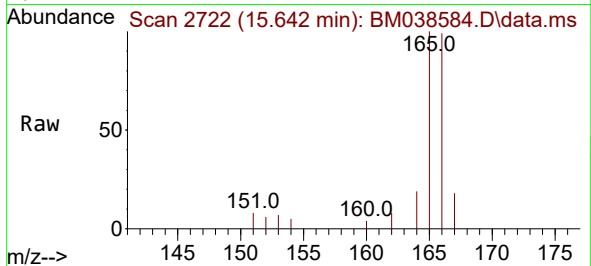




#12
Fluorene
Concen: 0.251 ng/ul
RT: 15.642 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

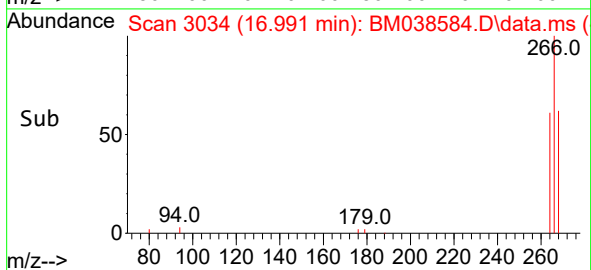
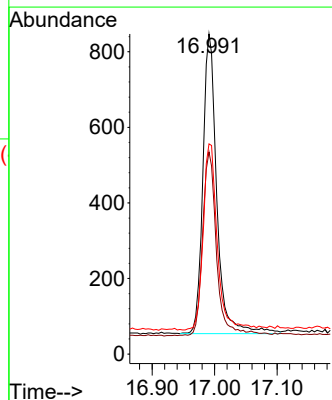
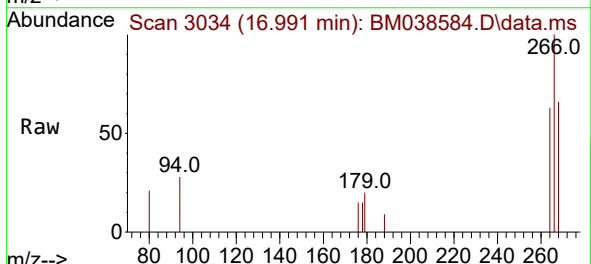
Instrument :
BNA_M
ClientSampleId :
EX9G4MS

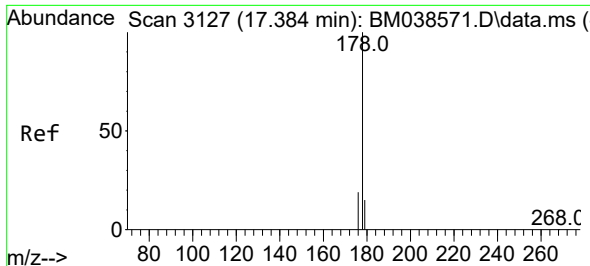
Tgt Ion:166 Resp: 2168
Ion Ratio Lower Upper
166 100
165 100.6 79.3 118.9
167 18.3 11.9 17.9#



#14
Pentachlorophenol
Concen: 0.572 ng/ul
RT: 16.991 min Scan# 3034
Delta R.T. -0.008 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

Tgt Ion:266 Resp: 1232
Ion Ratio Lower Upper
266 100
264 61.4 49.4 74.2
268 63.1 51.7 77.5

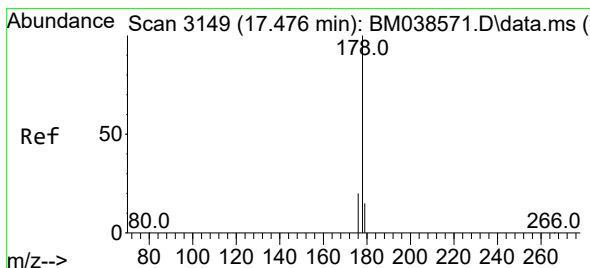
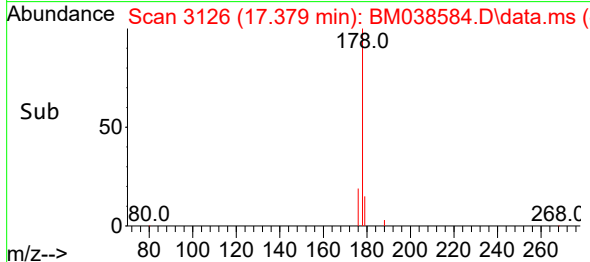
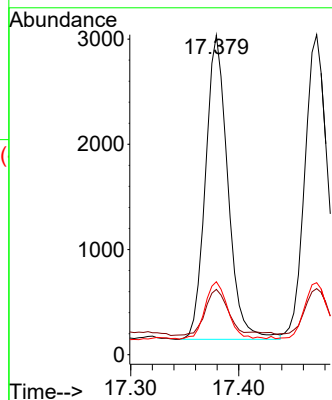
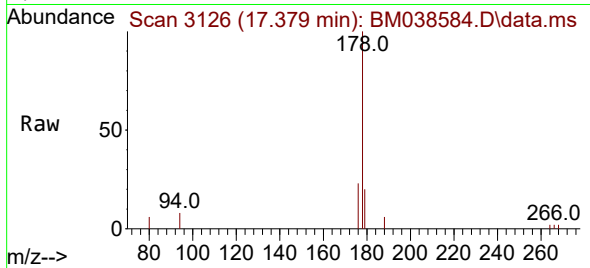




#15
Phenanthrene
Concen: 0.243 ng/ul
RT: 17.379 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

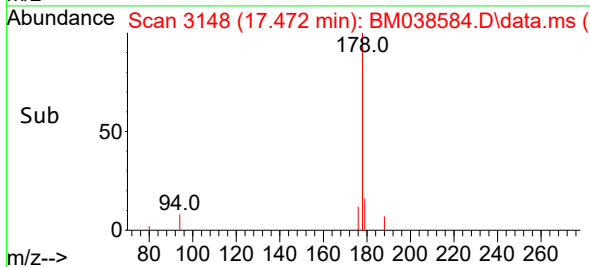
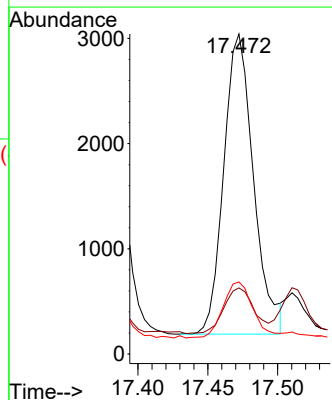
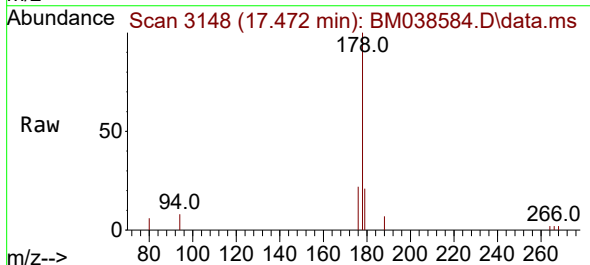
Instrument :
BNA_M
ClientSampleId :
EX9G4MS

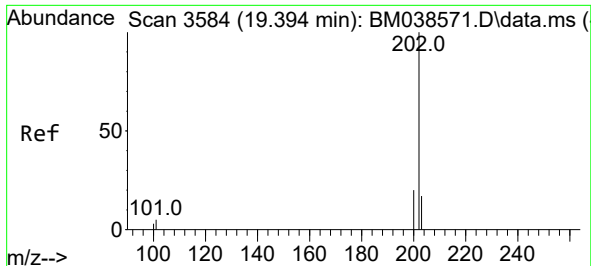
Tgt Ion:178 Resp: 4154
Ion Ratio Lower Upper
178 100
179 20.4 13.0 19.4#
176 22.9 16.4 24.6



#16
Anthracene
Concen: 0.290 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

Tgt Ion:178 Resp: 4233
Ion Ratio Lower Upper
178 100
179 20.7 13.2 19.8#
176 22.5 16.2 24.4

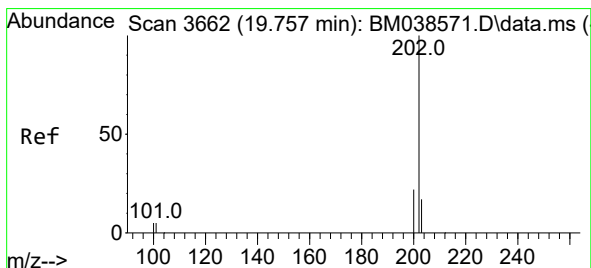
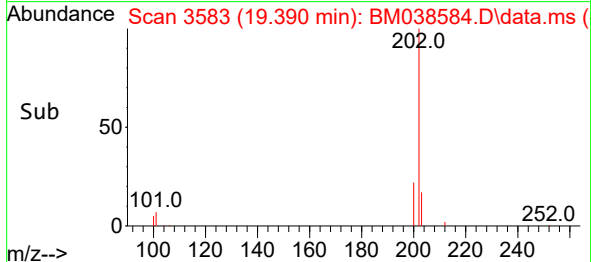
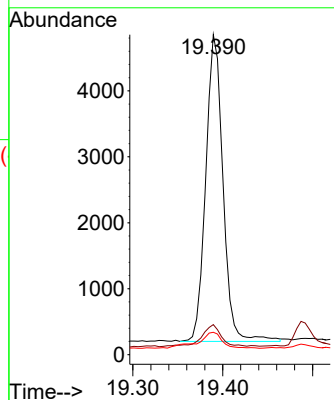
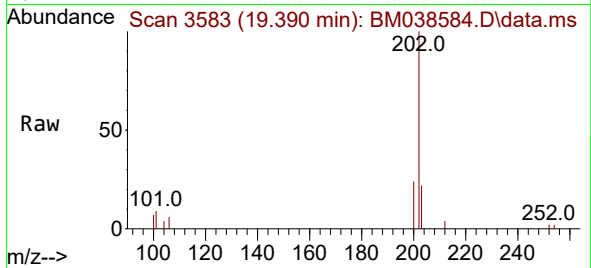




#19
Fluoranthene
Concen: 0.258 ng/ul
RT: 19.390 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

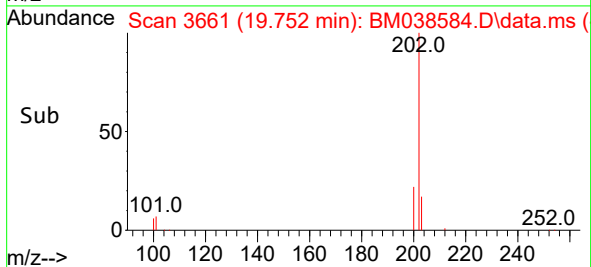
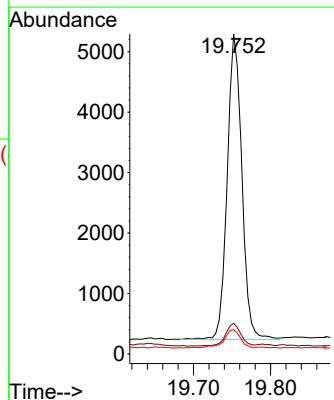
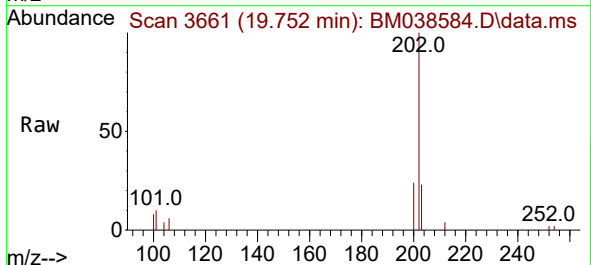
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EX9G4MS

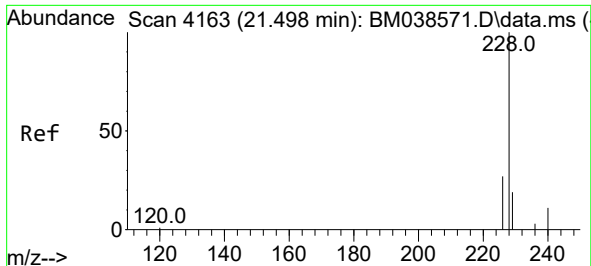
Tgt Ion:202 Resp: 6219
Ion Ratio Lower Upper
202 100
101 9.4 5.3 7.9#
100 7.0 4.2 6.2#



#20
Pyrene
Concen: 0.257 ng/ul
RT: 19.752 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

Tgt Ion:202 Resp: 6666
Ion Ratio Lower Upper
202 100
101 9.6 5.9 8.9#
100 7.6 5.2 7.8

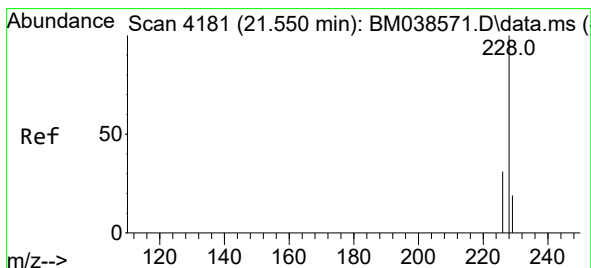
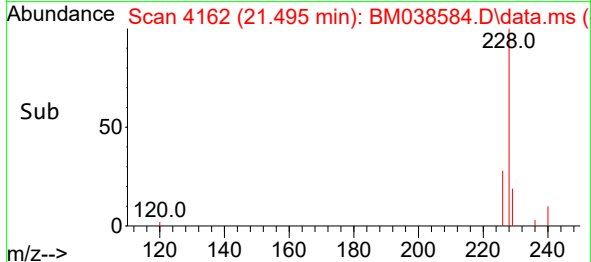
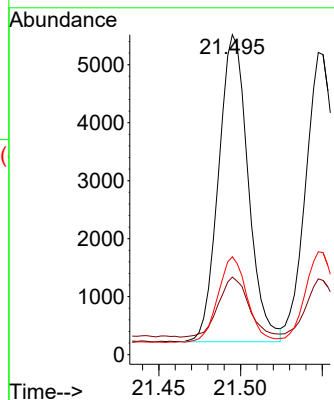
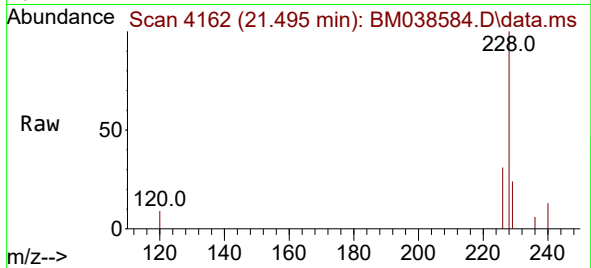




#21
Benzo(a)anthracene
Concen: 0.277 ng/ul
RT: 21.495 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

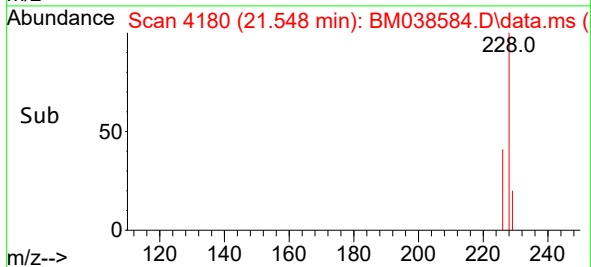
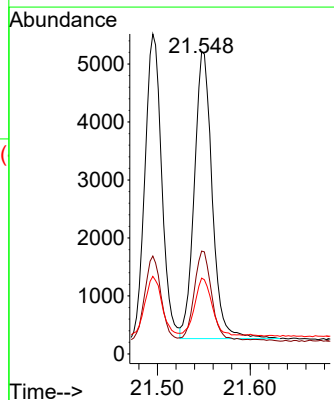
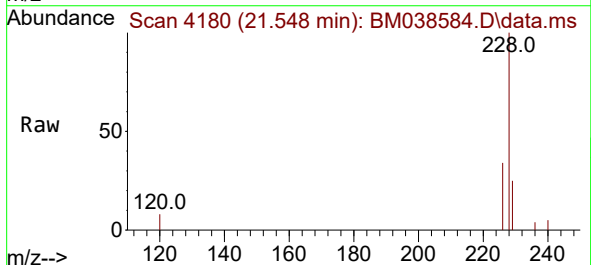
Instrument :
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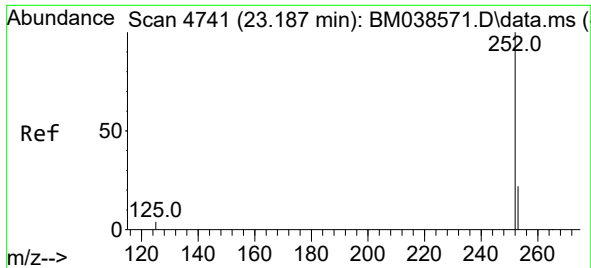
Tgt Ion:228 Resp: 6678
Ion Ratio Lower Upper
228 100
229 24.3 16.7 25.1
226 30.6 22.2 33.4



#22
Chrysene
Concen: 0.274 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

Tgt Ion:228 Resp: 6624
Ion Ratio Lower Upper
228 100
226 34.0 24.6 36.8
229 25.1 16.2 24.4#

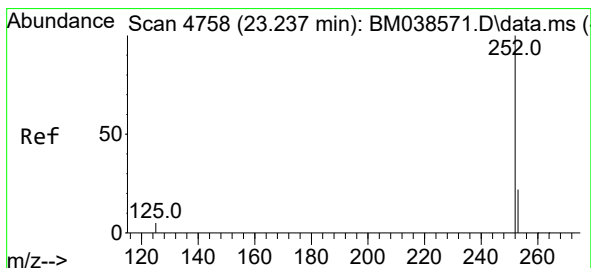
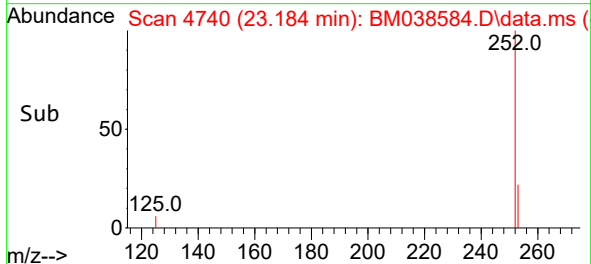
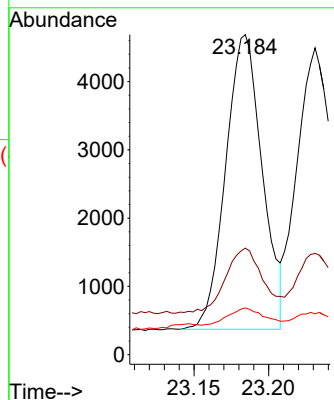
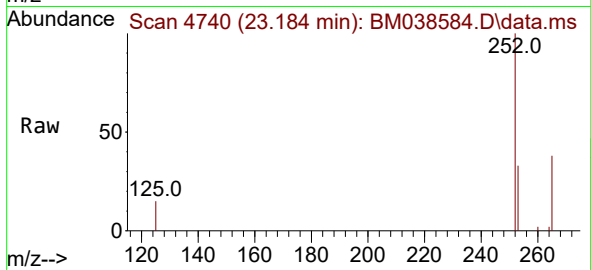




#24
Benzo(b)fluoranthene
Concen: 0.263 ng/ul
RT: 23.184 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

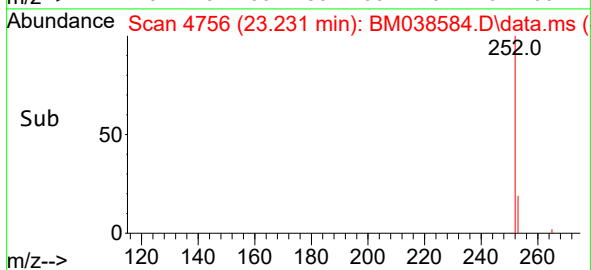
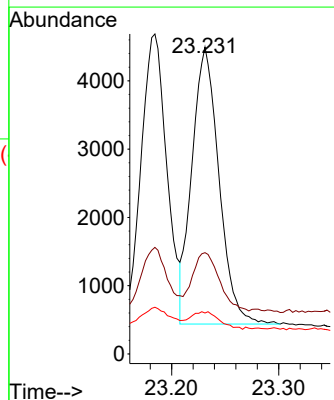
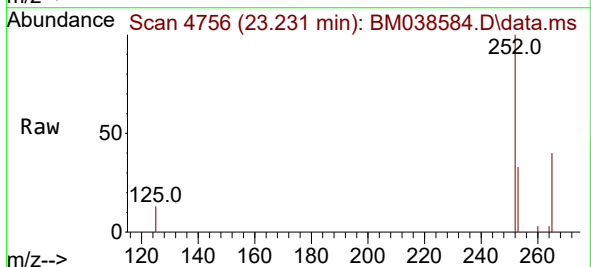
Instrument :
BNA_M
ClientSampleId :
EX9G4MS

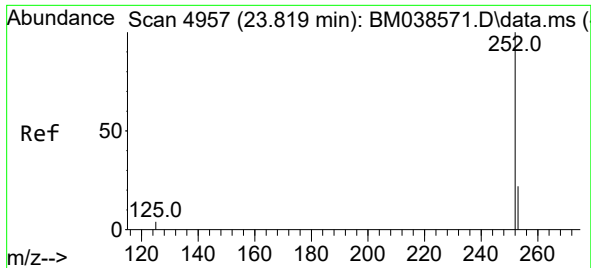
Tgt Ion:252 Resp: 7361
Ion Ratio Lower Upper
252 100
253 33.3 0.0 56.6
125 14.6 0.0 21.4



#25
Benzo(k)fluoranthene
Concen: 0.262 ng/ul
RT: 23.231 min Scan# 4756
Delta R.T. -0.009 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

Tgt Ion:252 Resp: 7119
Ion Ratio Lower Upper
252 100
253 33.0 23.1 34.7
125 13.4 8.4 12.6#

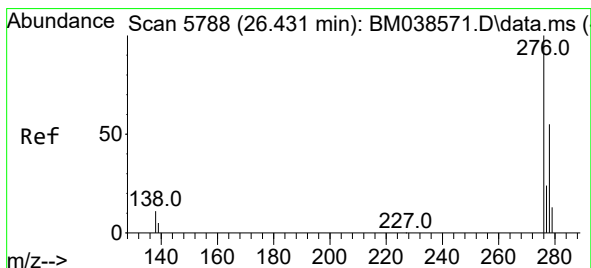
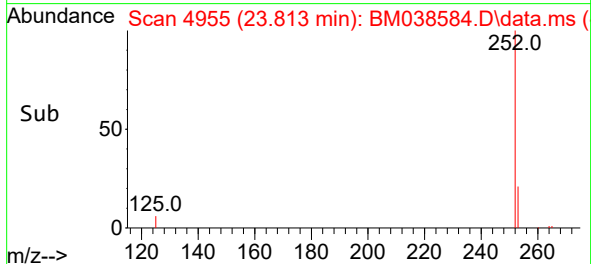
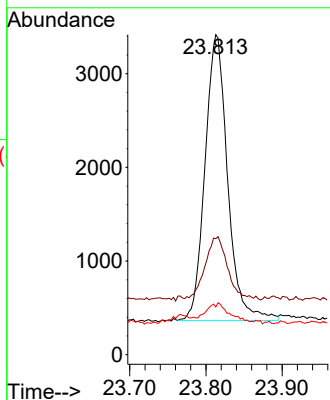
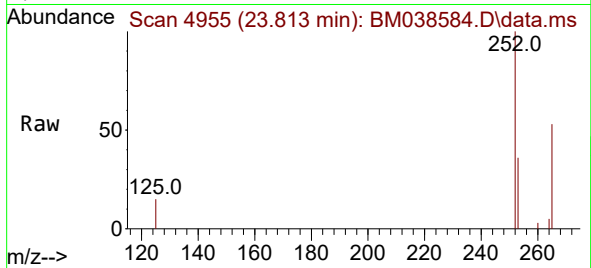




#26
Benzo(a)pyrene
Concen: 0.250 ng/ul
RT: 23.813 min Scan# 4955
Delta R.T. -0.009 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

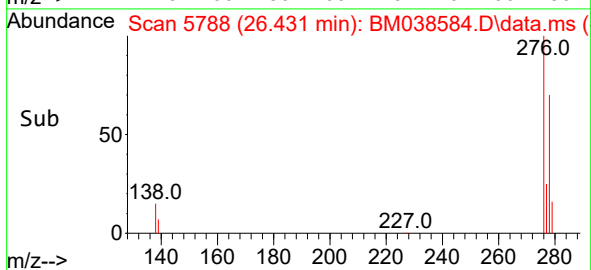
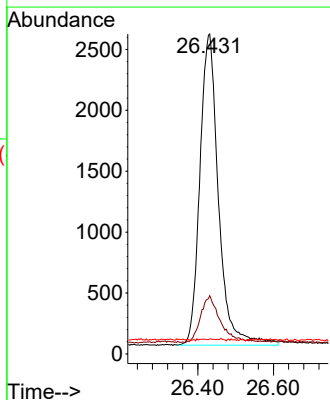
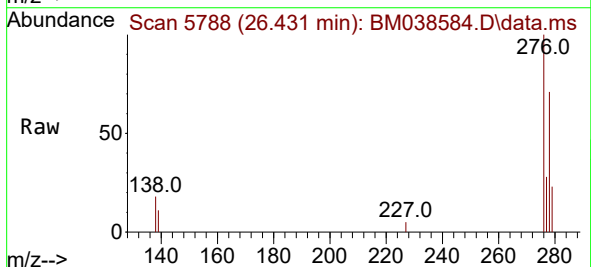
Instrument :
BNA_M
ClientSampleId :
EX9G4MS

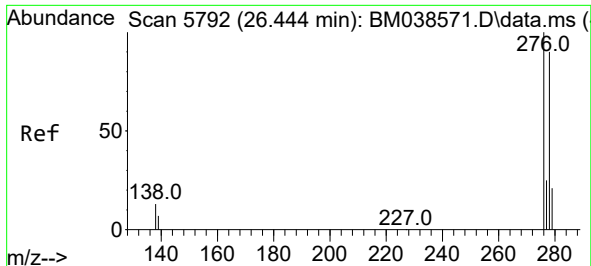
Tgt Ion:	252	Resp:	6283
Ion Ratio	Lower	Upper	
252	100		
253	36.3	25.1	37.7
125	14.9	10.0	15.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.247 ng/ul
RT: 26.431 min Scan# 5788
Delta R.T. -0.010 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

Tgt Ion:	276	Resp:	8738
Ion Ratio	Lower	Upper	
276	100		
138	16.1	11.7	17.5
227	0.1	0.3	0.5

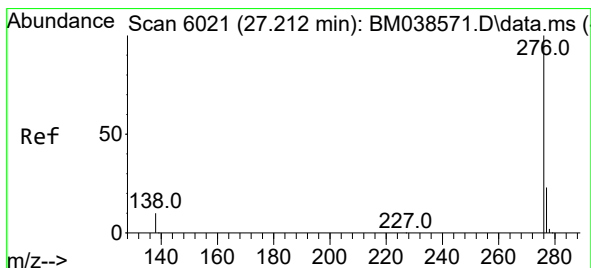
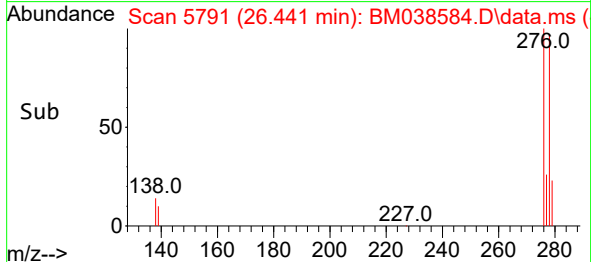
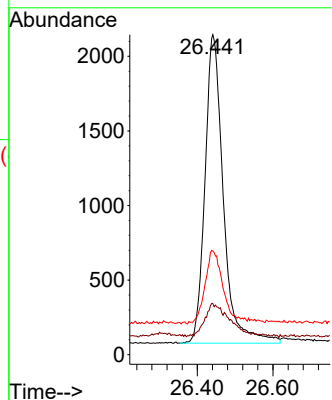
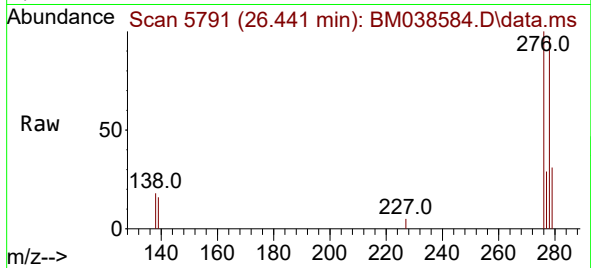




#28
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 26.441 min Scan# 5792
Delta R.T. -0.017 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

Instrument :
BNA_M
ClientSampleId :
EX9G4MS

Tgt Ion:278 Resp: 6965
Ion Ratio Lower Upper
278 100
139 16.0 9.8 14.8#
279 32.4 23.3 34.9



#29
Benzo(g,h,i)perylene
Concen: 0.241 ng/ul
RT: 27.203 min Scan# 6018
Delta R.T. -0.017 min
Lab File: BM038584.D
Acq: 27 Jan 2023 13:48

Tgt Ion:276 Resp: 7424
Ion Ratio Lower Upper
276 100
138 16.7 12.6 19.0
277 27.2 20.5 30.7

