

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038536.D
 Acq On : 25 Jan 2023 19:50
 Operator : CG/JU
 Sample : SST0.223
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2037

Quant Time: Jan 26 00:01:34 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 : Wed Jan 25 23:59:31 2023
 Response via : Initial Calibration

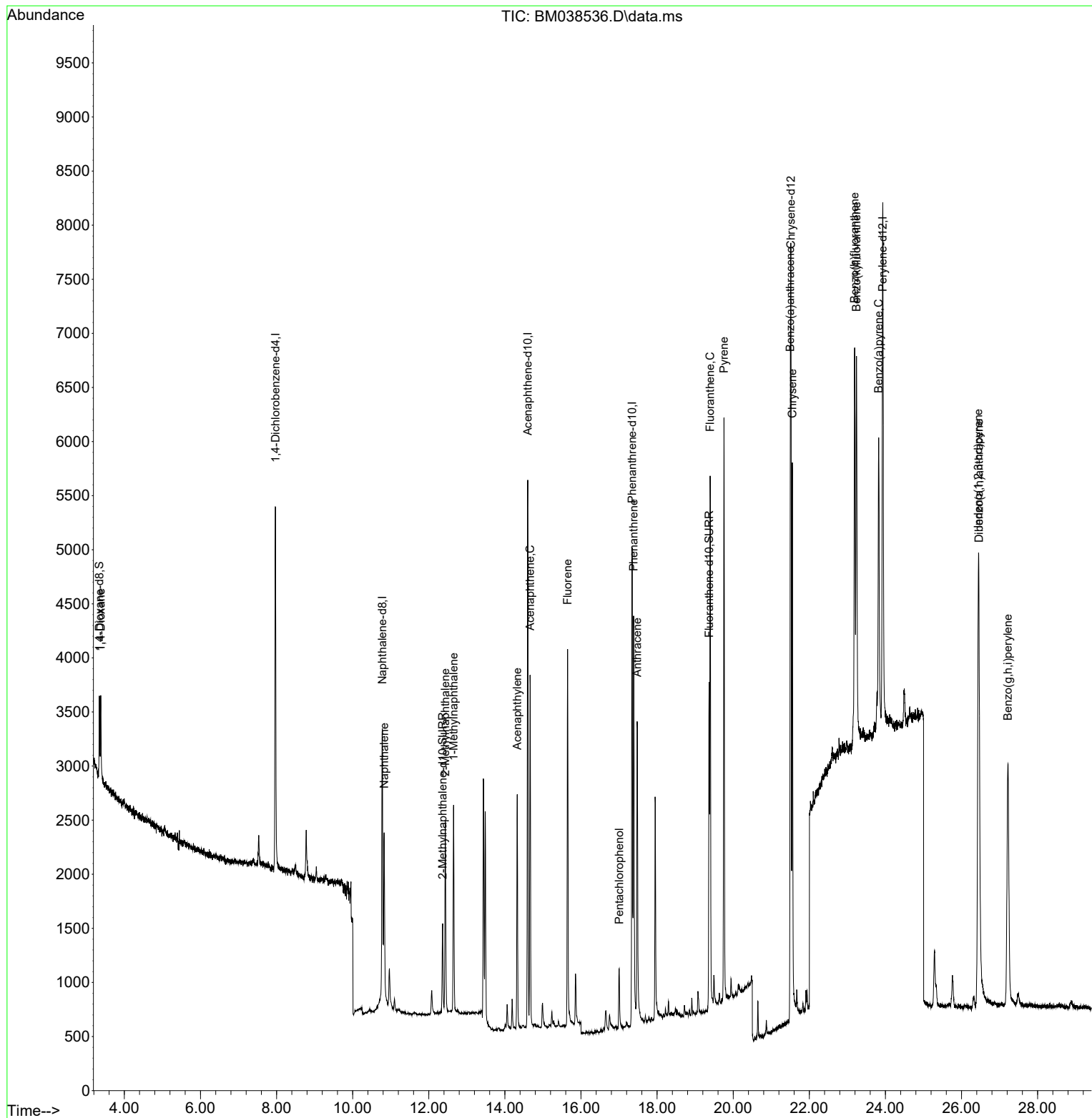
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	1848	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	3505	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	2767	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	6107	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	6205	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	6887	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	496	0.180	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	1145	0.218	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	3684	0.210	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	501	0.177	ng/ul#	1
5) Naphthalene	10.829	128	3388	0.362	ng/ul	95
7) 2-Methylnaphthalene	12.435	142	1276	0.222	ng/ul	98
8) 1-Methylnaphthalene	12.654	142	1310	0.224	ng/ul	100
10) Acenaphthylene	14.324	152	2515	0.195	ng/ul	95
11) Acenaphthene	14.662	153	1923	0.201	ng/ul	98
12) Fluorene	15.647	166	2422	0.224	ng/ul	99
14) Pentachlorophenol	17.004	266	491	0.226	ng/ul	95
15) Phenanthrene	17.384	178	4313	0.239	ng/ul	97
16) Anthracene	17.477	178	3502	0.211	ng/ul	96
19) Fluoranthene	19.394	202	4575	0.213	ng/ul#	95
20) Pyrene	19.757	202	4962	0.216	ng/ul#	97
21) Benzo(a)anthracene	21.501	228	4531	0.219	ng/ul	97
22) Chrysene	21.554	228	4559	0.209	ng/ul	97
24) Benzo(b)fluoranthene	23.190	252	5320	0.213	ng/ul	86
25) Benzo(k)fluoranthene	23.240	252	5131	0.206	ng/ul#	87
26) Benzo(a)pyrene	23.822	252	4911	0.208	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.441	276	6683	0.194	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.458	278	5297	0.196	ng/ul#	88
29) Benzo(g,h,i)perylene	27.216	276	5817	0.190	ng/ul	95

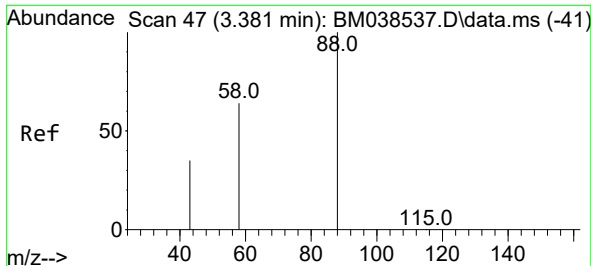
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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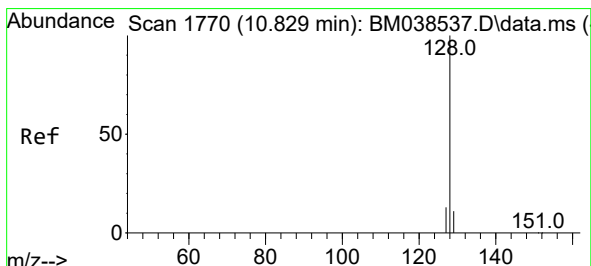
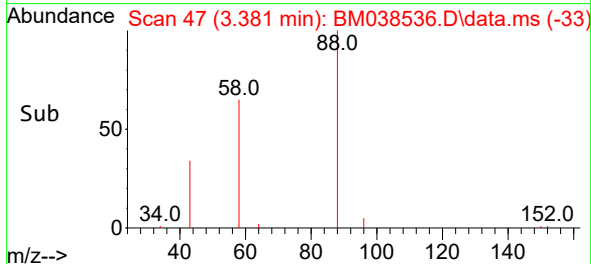
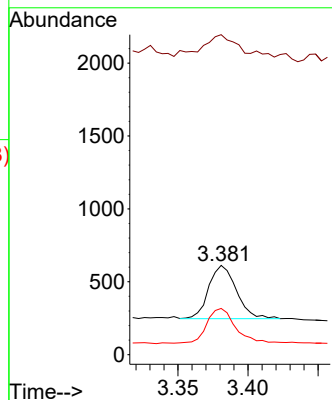
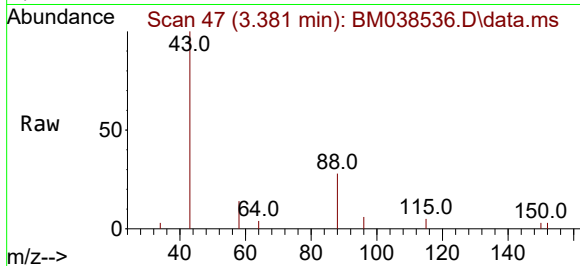




#2
1,4-Dioxane
Concen: 0.177 ng/ul
RT: 3.381 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

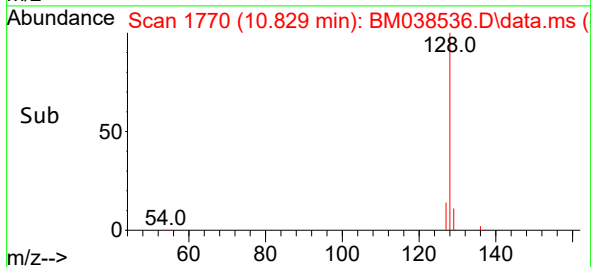
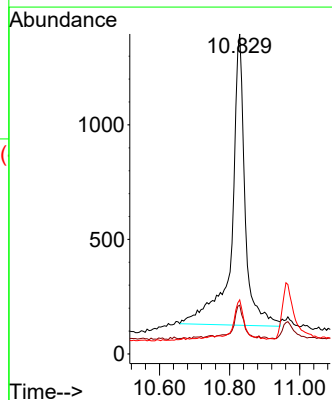
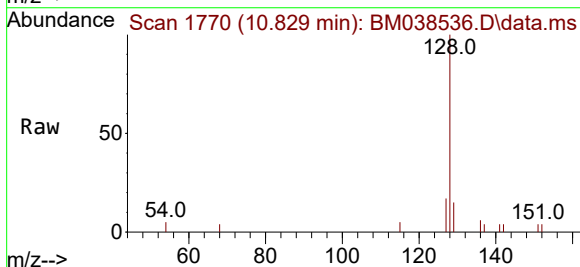
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

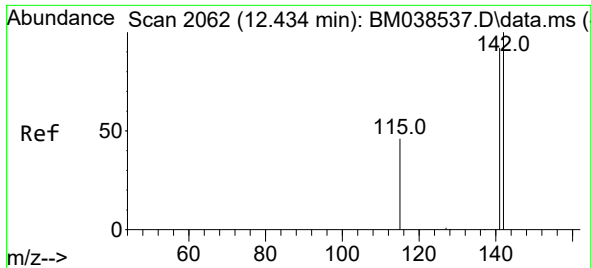
Tgt Ion: 88 Resp: 501
Ion Ratio Lower Upper
88 100
43 358.7 141.3 211.9#
58 51.8 45.7 68.5



#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

Tgt Ion: 128 Resp: 3388
Ion Ratio Lower Upper
128 100
129 15.2 10.3 15.5
127 16.9 11.9 17.9

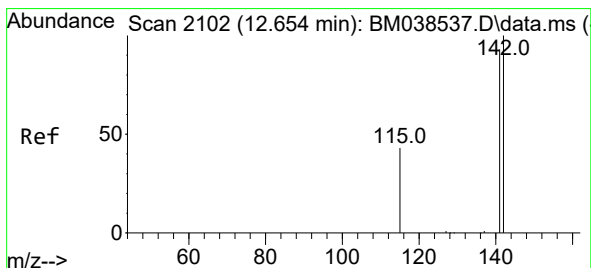
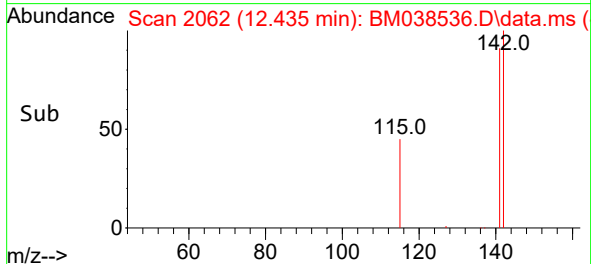
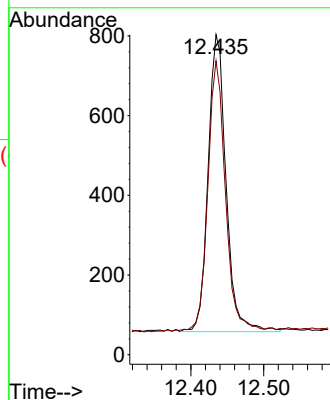
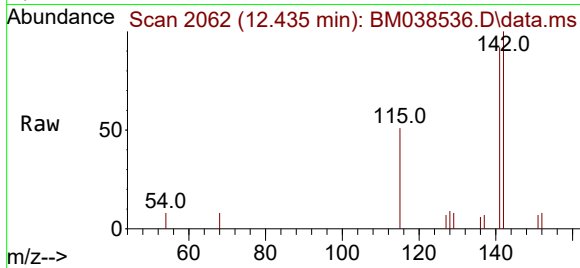




#7
2-Methylnaphthalene
Concen: 0.222 ng/ul
RT: 12.435 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

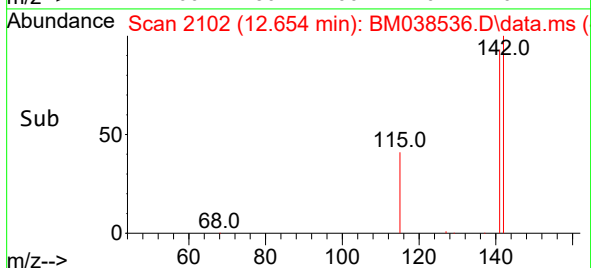
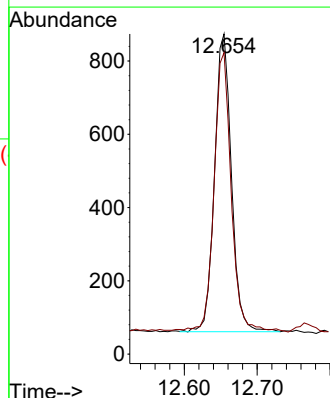
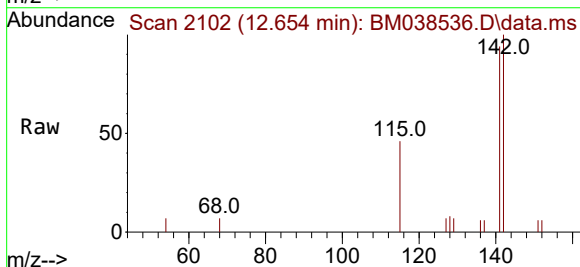
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

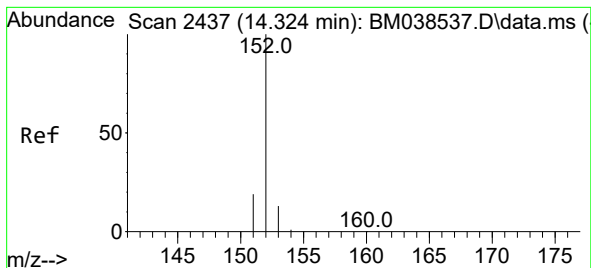
Tgt Ion:142 Resp: 1276
Ion Ratio Lower Upper
142 100
141 89.9 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.224 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

Tgt Ion:142 Resp: 1310
Ion Ratio Lower Upper
142 100
141 92.7 74.0 111.0





#10

Acenaphthylene

Concen: 0.195 ng/ul

RT: 14.324 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BM038536.D

Acq: 25 Jan 2023 19:50

Instrument :

BNA_M

ClientSampleId :

SSTD0.2037

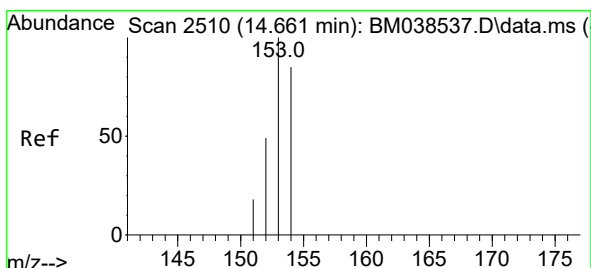
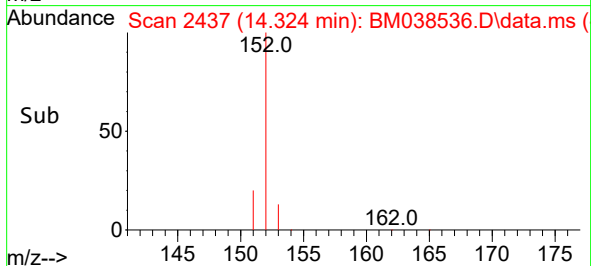
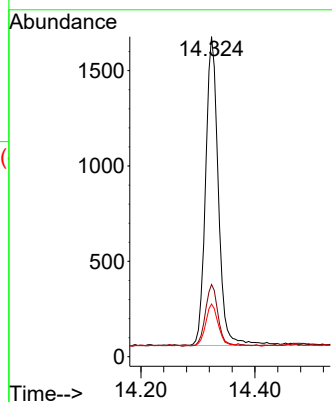
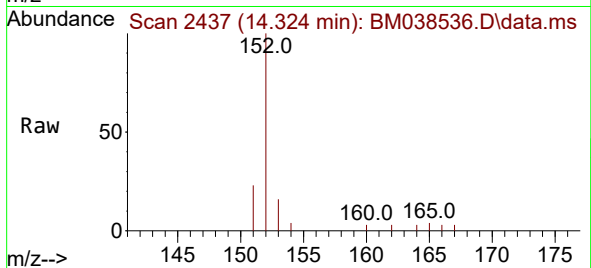
Tgt Ion:152 Resp: 2515

Ion Ratio Lower Upper

152 100

151 22.6 16.3 24.5

153 16.4 11.8 17.6



#11

Acenaphthene

Concen: 0.201 ng/ul

RT: 14.662 min Scan# 2510

Delta R.T. 0.000 min

Lab File: BM038536.D

Acq: 25 Jan 2023 19:50

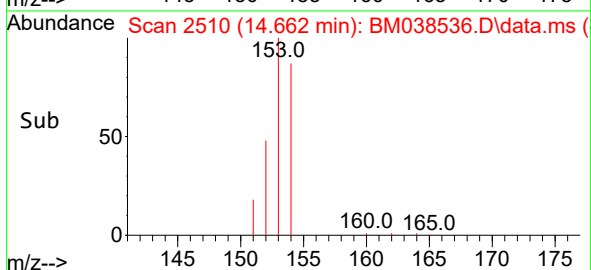
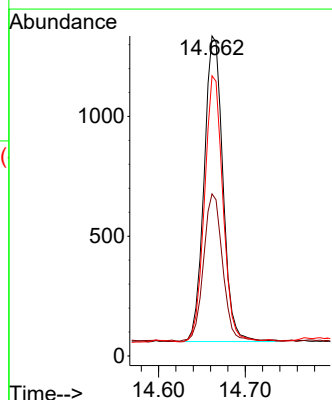
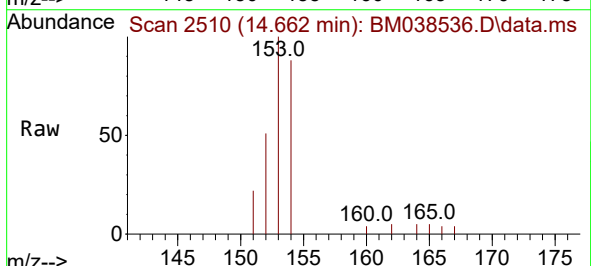
Tgt Ion:153 Resp: 1923

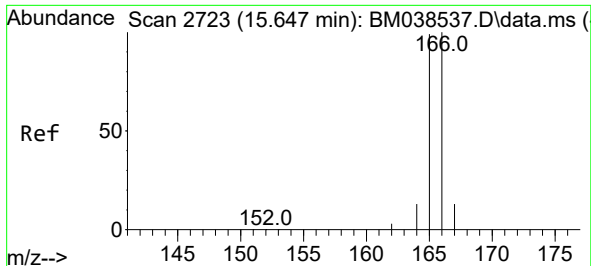
Ion Ratio Lower Upper

153 100

152 50.7 40.1 60.1

154 87.6 68.4 102.6

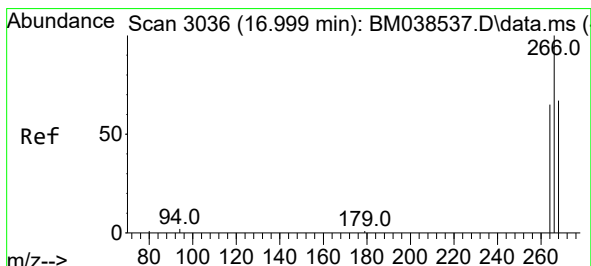
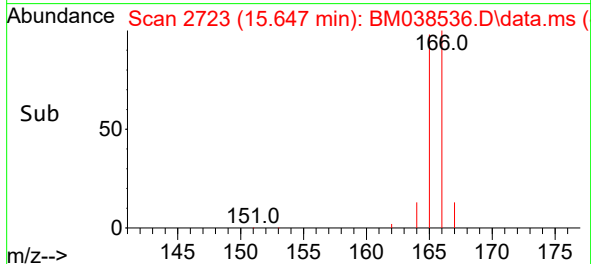
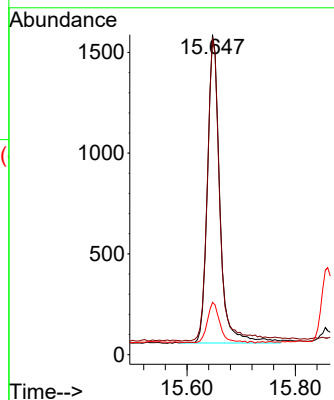
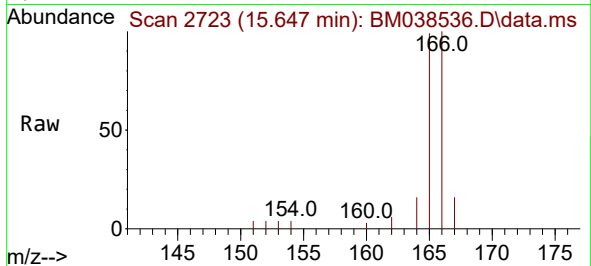




#12
Fluorene
Concen: 0.224 ng/ul
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

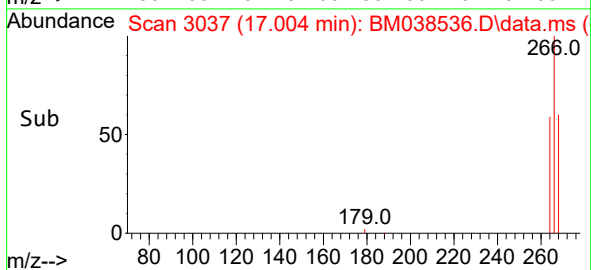
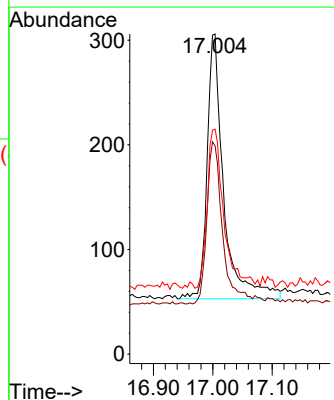
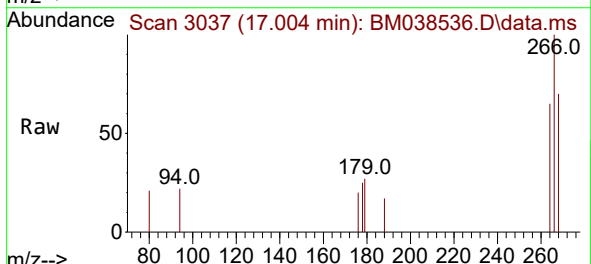
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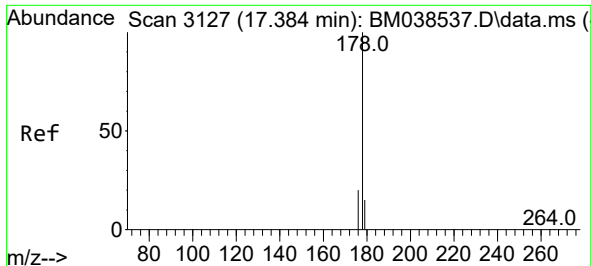
Tgt Ion:	166	Resp:	2422
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.3	118.9
167	16.3	11.9	17.9



#14
Pentachlorophenol
Concen: 0.226 ng/ul
RT: 17.004 min Scan# 3037
Delta R.T. 0.004 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

Tgt Ion:	266	Resp:	491
Ion	Ratio	Lower	Upper
266	100		
264	57.6	49.4	74.2
268	61.5	51.7	77.5

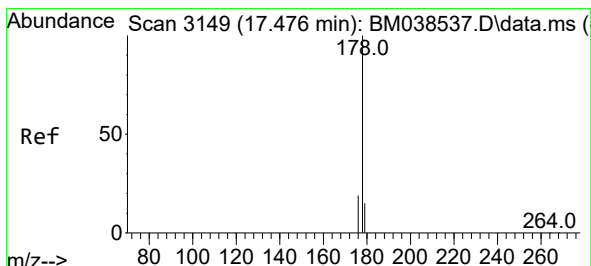
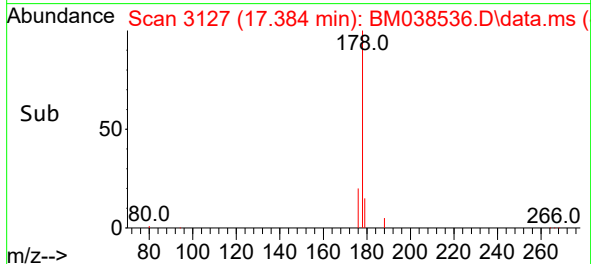
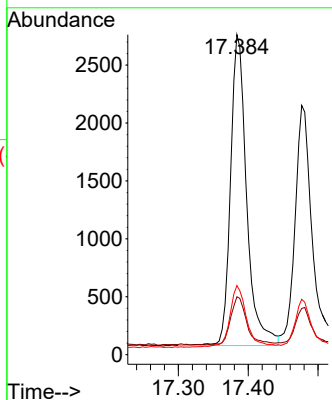
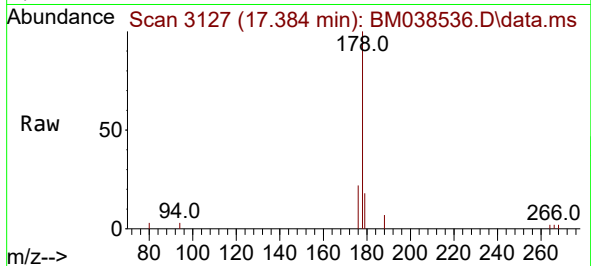




#15
Phenanthrene
Concen: 0.239 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

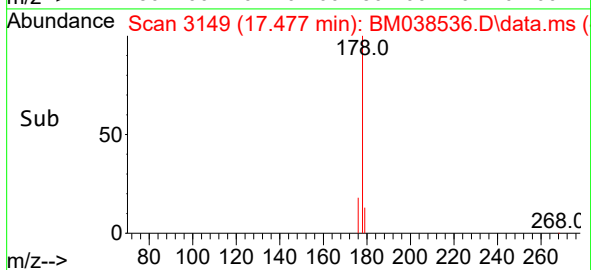
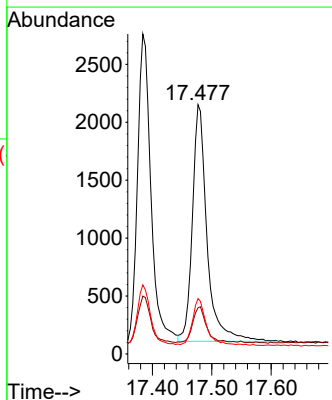
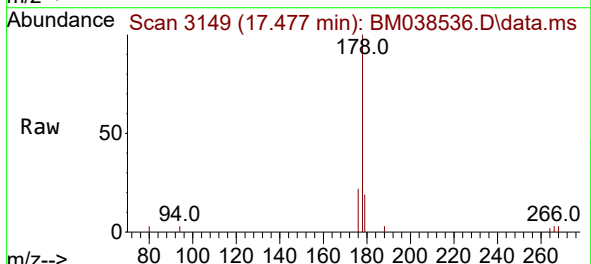
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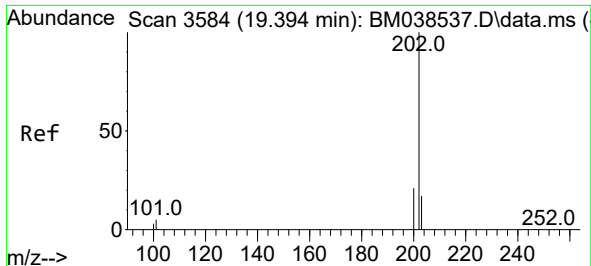
Tgt Ion:178 Resp: 4313
Ion Ratio Lower Upper
178 100
179 18.1 13.0 19.4
176 21.6 16.4 24.6



#16
Anthracene
Concen: 0.211 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

Tgt Ion:178 Resp: 3502
Ion Ratio Lower Upper
178 100
179 18.5 13.2 19.8
176 22.2 16.2 24.4

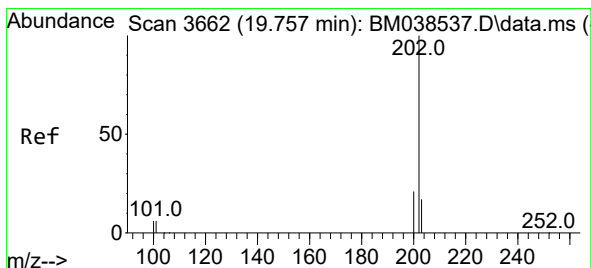
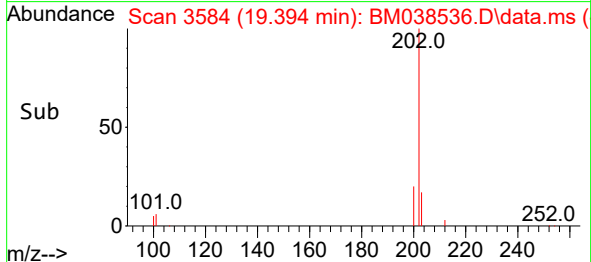
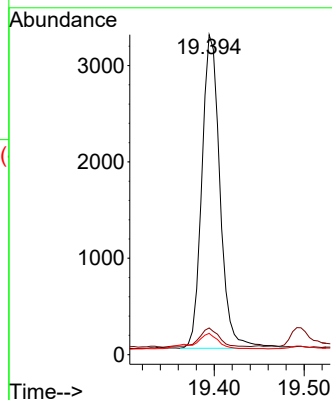
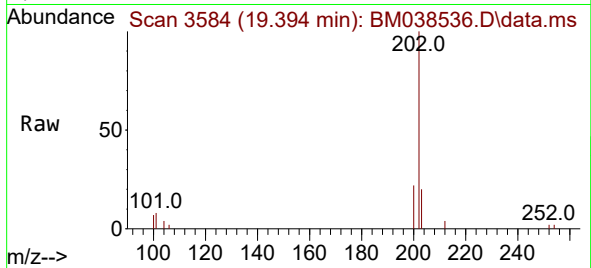




#19
Fluoranthene
Concen: 0.213 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

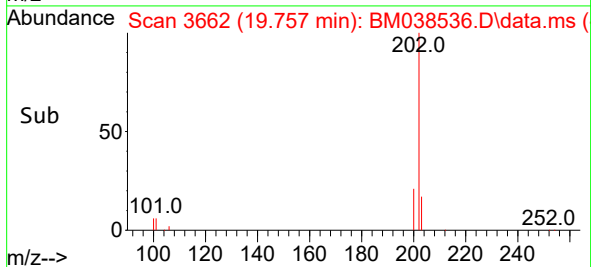
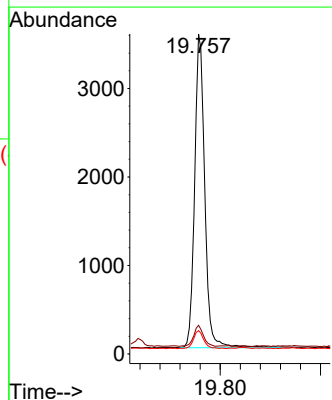
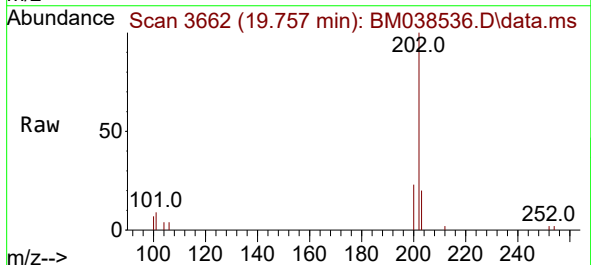
Instrument :
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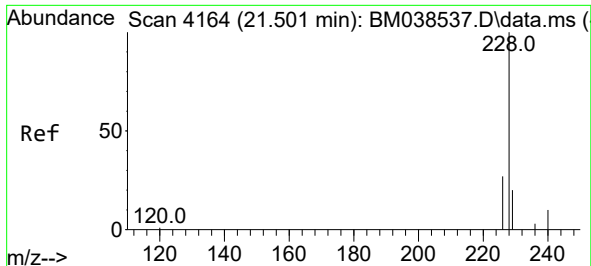
Tgt Ion:202 Resp: 4575
Ion Ratio Lower Upper
202 100
101 8.3 5.3 7.9#
100 6.7 4.2 6.2#



#20
Pyrene
Concen: 0.216 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

Tgt Ion:202 Resp: 4962
Ion Ratio Lower Upper
202 100
101 9.0 5.9 8.9#
100 7.3 5.2 7.8

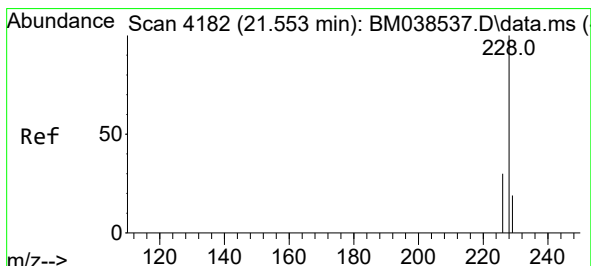
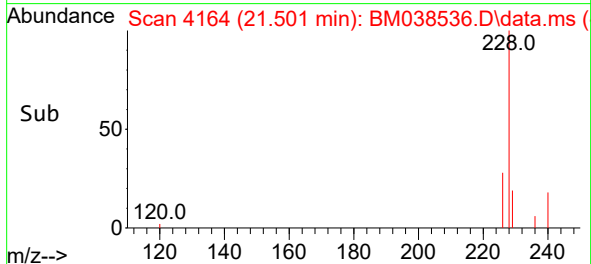
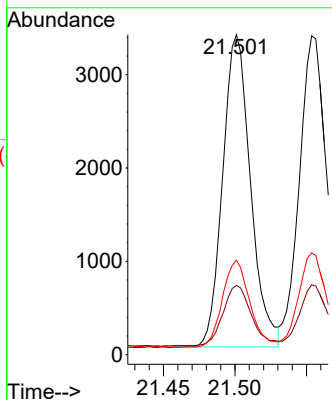
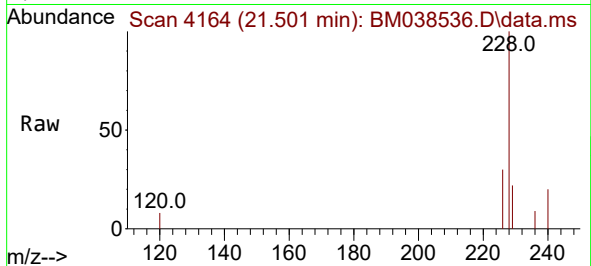




#21
Benzo(a)anthracene
Concen: 0.219 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

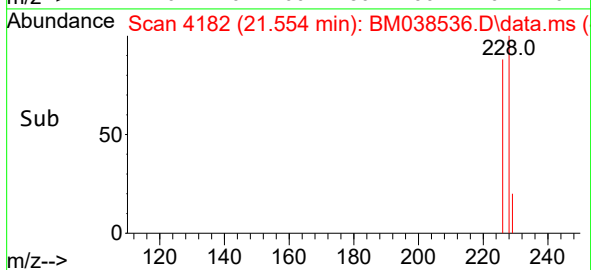
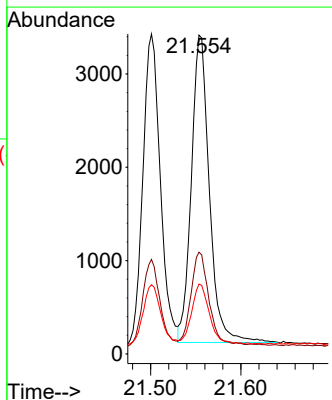
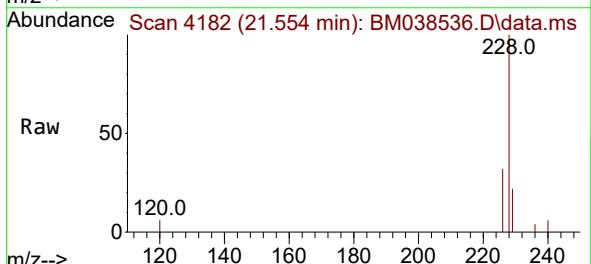
Instrument :
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ClientSampleId :
SSTD0.2037

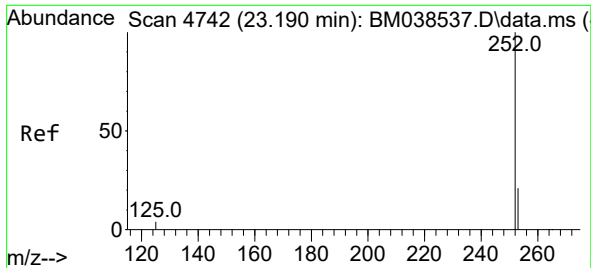
Tgt Ion:228 Resp: 4531
Ion Ratio Lower Upper
228 100
229 21.6 16.7 25.1
226 29.5 22.2 33.4



#22
Chrysene
Concen: 0.209 ng/ul
RT: 21.554 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

Tgt Ion:228 Resp: 4559
Ion Ratio Lower Upper
228 100
226 31.9 24.6 36.8
229 21.9 16.2 24.4

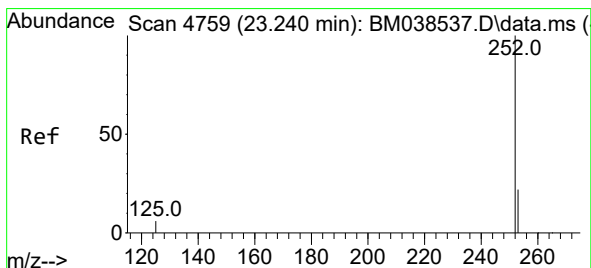
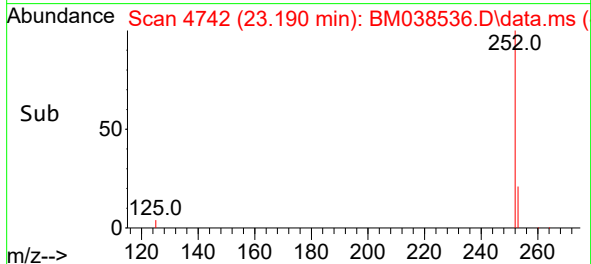
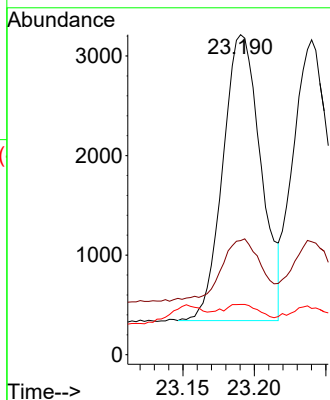
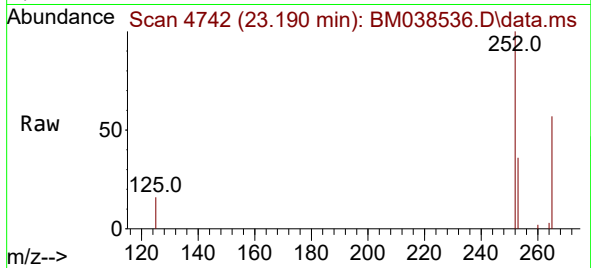




#24
Benzo(b)fluoranthene
Concen: 0.213 ng/ul
RT: 23.190 min Scan# 4742
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

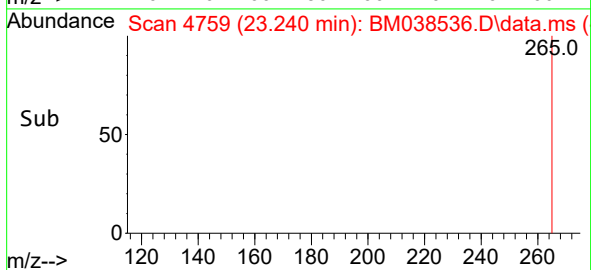
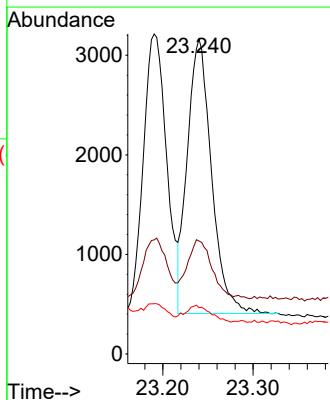
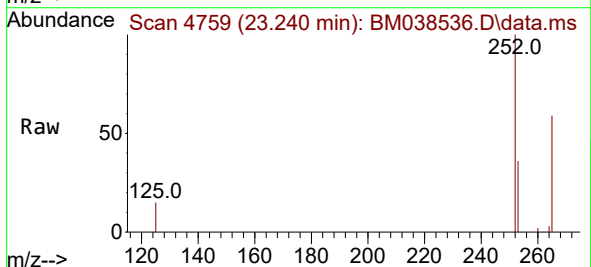
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

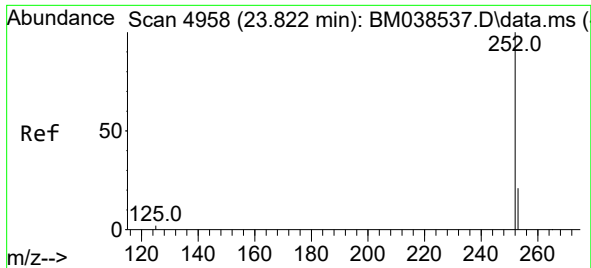
Tgt Ion:252 Resp: 5320
Ion Ratio Lower Upper
252 100
253 35.7 0.0 56.6
125 15.7 0.0 21.4



#25
Benzo(k)fluoranthene
Concen: 0.206 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

Tgt Ion:252 Resp: 5131
Ion Ratio Lower Upper
252 100
253 35.9 23.1 34.7#
125 14.7 8.4 12.6#

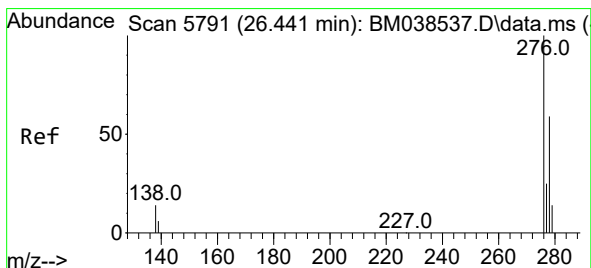
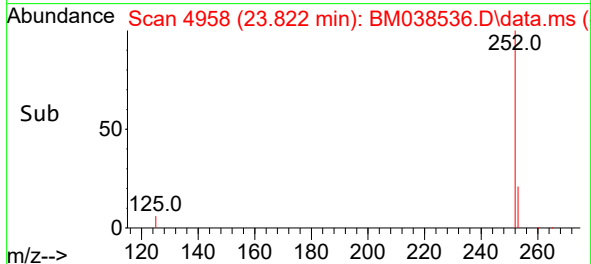
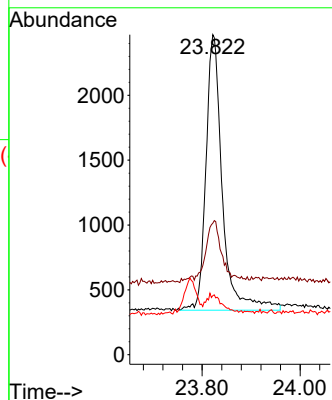
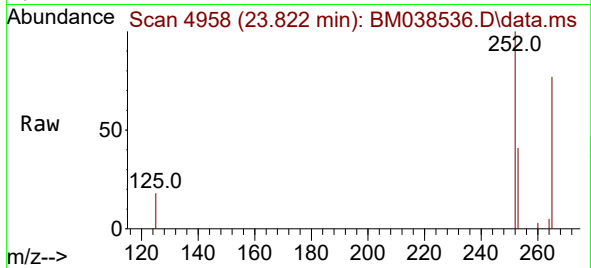




#26
Benzo(a)pyrene
Concen: 0.208 ng/ul
RT: 23.822 min Scan# 4958
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

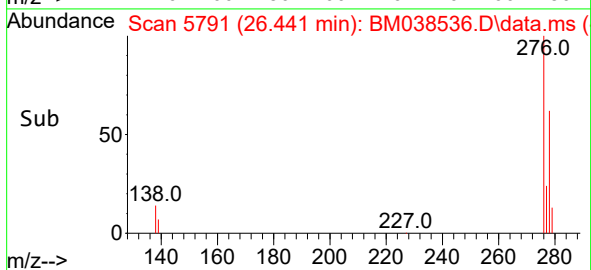
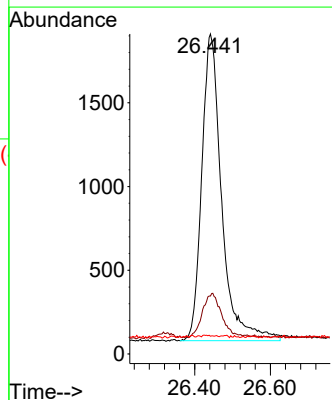
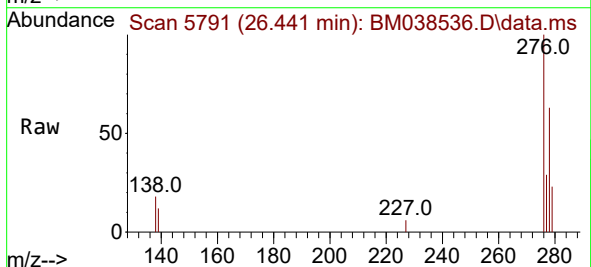
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

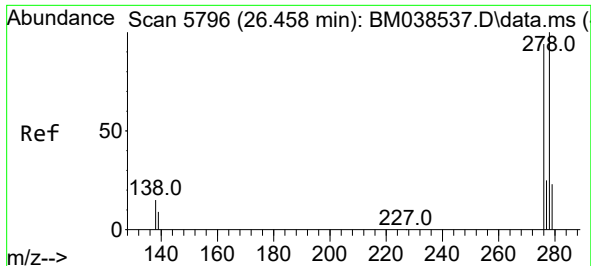
Tgt Ion:252 Resp: 4911
Ion Ratio Lower Upper
252 100
253 41.1 25.1 37.7#
125 18.5 10.0 15.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.194 ng/ul
RT: 26.441 min Scan# 5791
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

Tgt Ion:276 Resp: 6683
Ion Ratio Lower Upper
276 100
138 14.2 11.7 17.5
227 0.0 0.3 0.5#

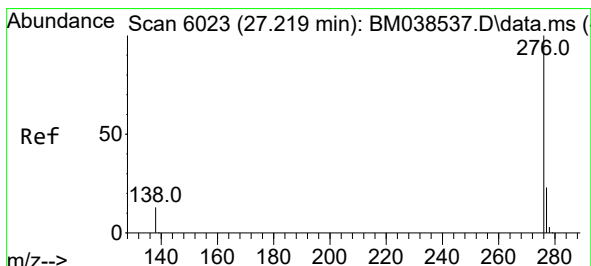
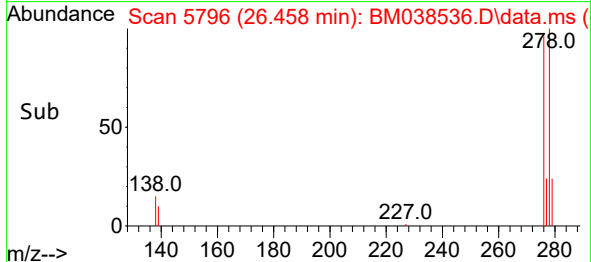
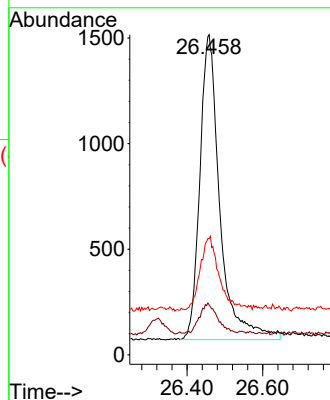
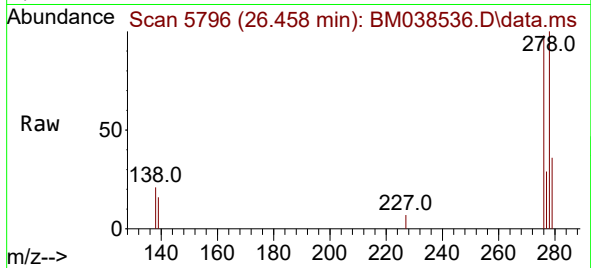




#28
Dibenzo(a,h)anthracene
Concen: 0.196 ng/ul
RT: 26.458 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:278 Resp: 5297
Ion Ratio Lower Upper
278 100
139 15.6 9.8 14.8#
279 36.3 23.3 34.9#



#29
Benzo(g,h,i)perylene
Concen: 0.190 ng/ul
RT: 27.216 min Scan# 6022
Delta R.T. -0.003 min
Lab File: BM038536.D
Acq: 25 Jan 2023 19:50

Tgt Ion:276 Resp: 5817
Ion Ratio Lower Upper
276 100
138 18.0 12.6 19.0
277 27.8 20.5 30.7

