

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034766.D
 Acq On : 22 Apr 2022 13:50
 Operator : CG/JU
 Sample : SSTD0.230
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.2030

Quant Time: Apr 22 16:10:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:08:48 2022
 Response via : Initial Calibration

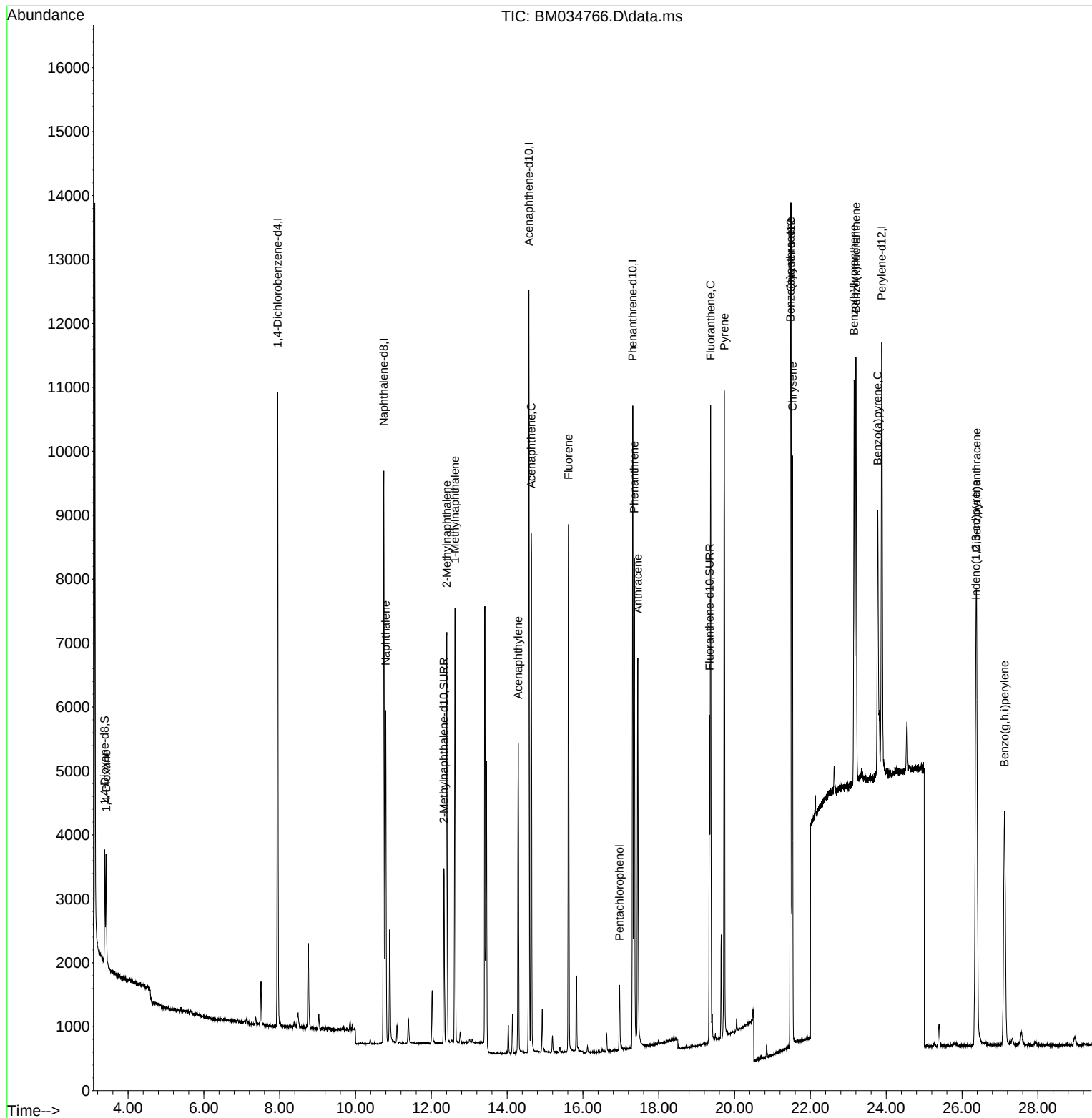
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	5011	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	12358	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	6307	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	12309	0.400	ng/ul #	0.00
17) Chrysene-d12	21.488	240	9703	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	9462	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	1170	0.167	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	3443	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	5738	0.171	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.424	88	1062	0.189	ng/ul#	66
5) Naphthalene	10.798	128	7084	0.162	ng/ul#	88
7) 2-Methylnaphthalene	12.409	142	4615	0.168	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	4589	0.204	ng/ul	98
10) Acenaphthylene	14.293	152	5520	0.144	ng/ul#	92
11) Acenaphthene	14.635	153	4663	0.162	ng/ul	97
12) Fluorene	15.621	166	5198	0.160	ng/ul#	97
14) Pentachlorophenol	16.963	266	737	0.184	ng/ul	96
15) Phenanthrene	17.355	178	8024	0.159	ng/ul	96
16) Anthracene	17.448	178	7139	0.157	ng/ul	93
19) Fluoranthene	19.368	202	8611	0.147	ng/ul	97
20) Pyrene	19.731	202	9181	0.158	ng/ul	99
21) Benzo(a)anthracene	21.473	228	7496	0.158	ng/ul	98
22) Chrysene	21.526	228	7994	0.156	ng/ul	98
24) Benzo(b)fluoranthene	23.154	252	8277	0.150	ng/ul	95
25) Benzo(k)fluoranthene	23.201	252	8535	0.163	ng/ul#	93
26) Benzo(a)pyrene	23.777	252	7150	0.145	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.363	276	9695	0.155	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.383	278	7907	0.152	ng/ul	93
29) Benzo(g,h,i)perylene	27.121	276	8401	0.147	ng/ul	95

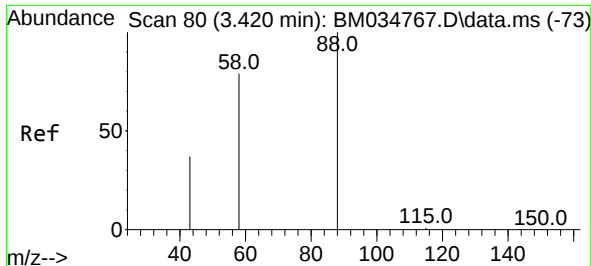
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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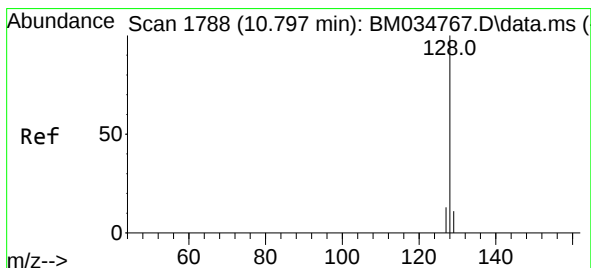
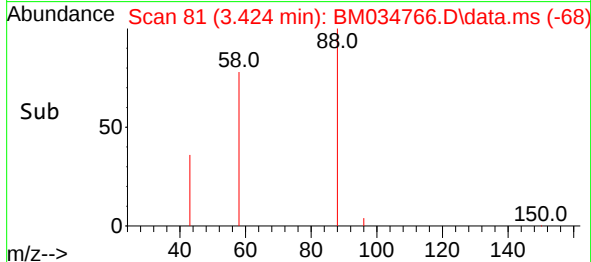
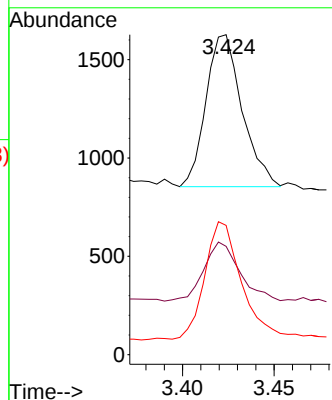
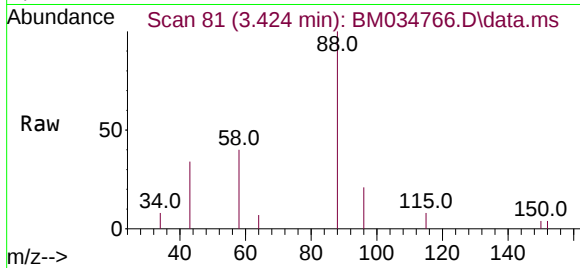




#2
1,4-Dioxane
Concen: 0.189 ng/ul
RT: 3.424 min Scan# 81
Delta R.T. 0.004 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

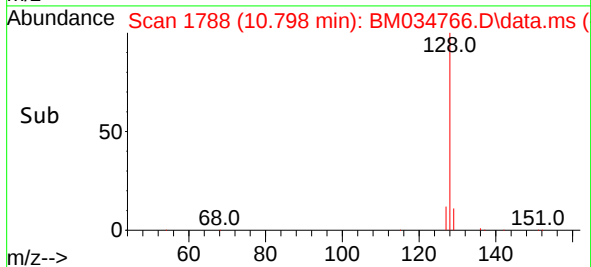
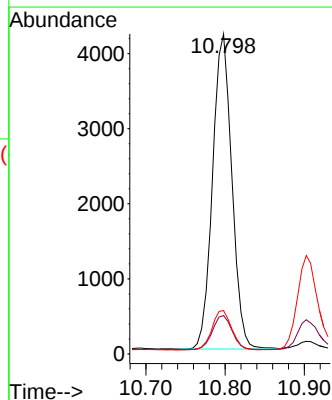
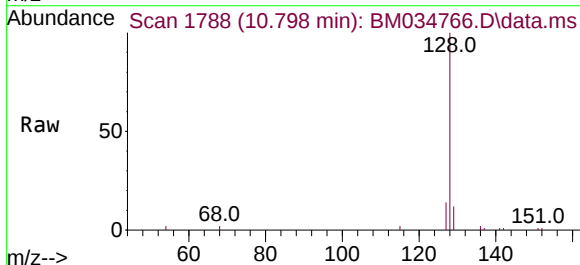
Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

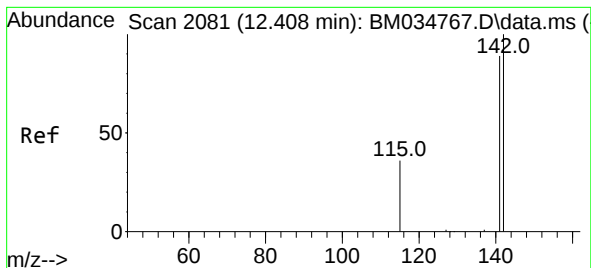
Tgt Ion: 88 Resp: 1062
Ion Ratio Lower Upper
88 100
43 33.9 49.7 74.5#
58 40.4 52.5 78.7#



#5
Naphthalene
Concen: 0.162 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

Tgt Ion: 128 Resp: 7084
Ion Ratio Lower Upper
128 100
129 12.0 13.4 20.2#
127 13.5 15.2 22.8#





#7

2-Methylnaphthalene

Concen: 0.168 ng/ul

RT: 12.409 min Scan# 2081

Delta R.T. 0.001 min

Lab File: BM034766.D

Acq: 22 Apr 2022 13:50

Instrument :

BNA_M

ClientSampleId :

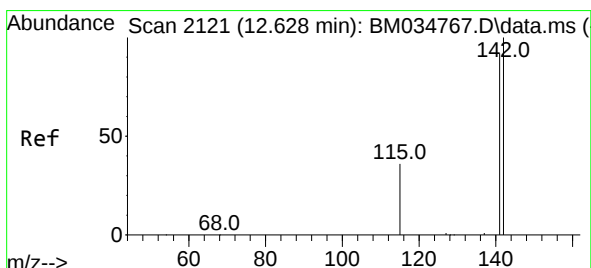
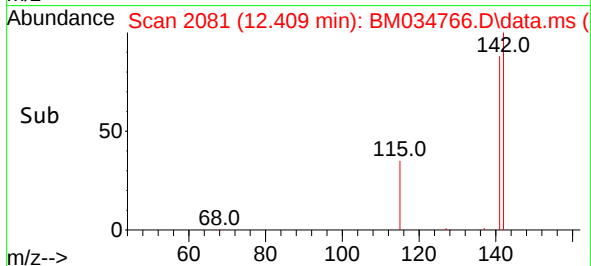
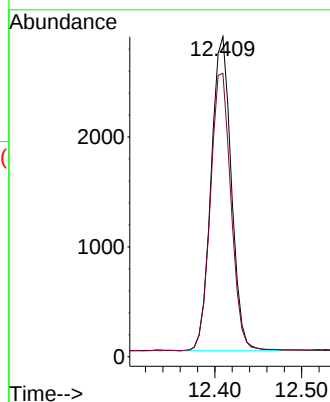
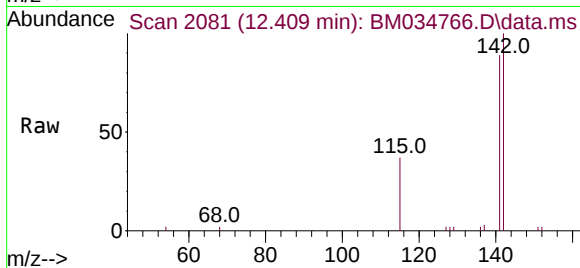
SSTD0.2030

Tgt Ion:142 Resp: 4615

Ion Ratio Lower Upper

142 100

141 90.2 71.8 107.6



#8

1-Methylnaphthalene

Concen: 0.204 ng/ul

RT: 12.624 min Scan# 2120

Delta R.T. -0.004 min

Lab File: BM034766.D

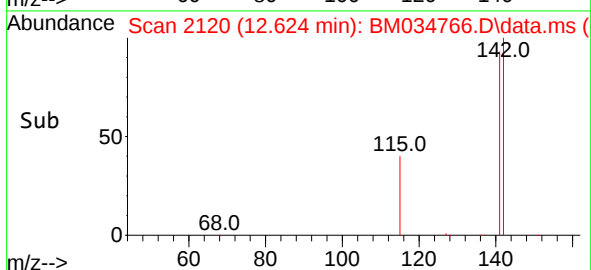
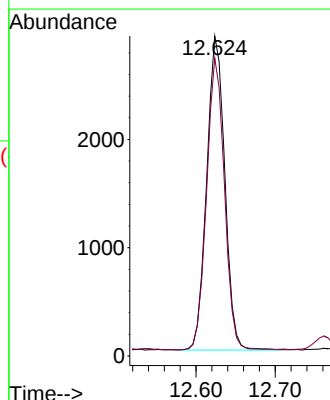
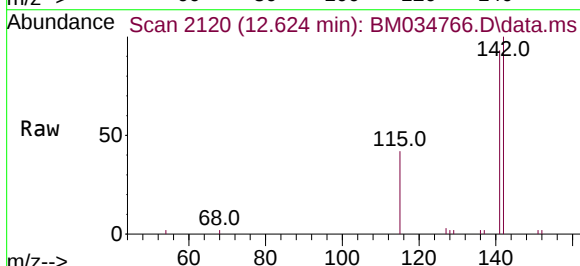
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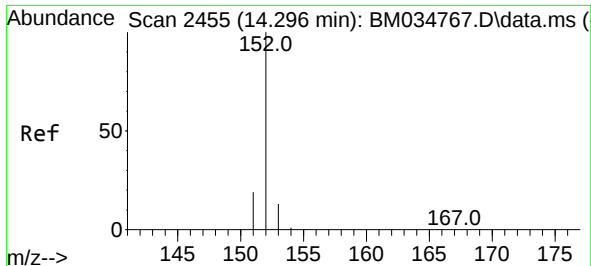
Tgt Ion:142 Resp: 4589

Ion Ratio Lower Upper

142 100

141 91.9 75.0 112.4

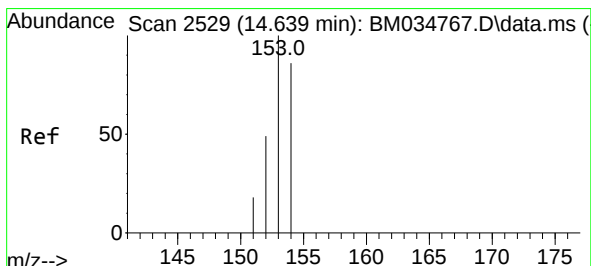
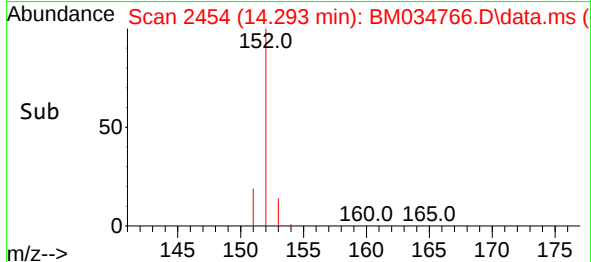
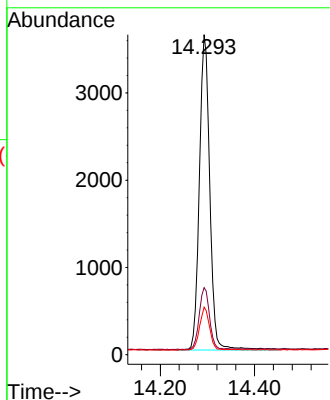
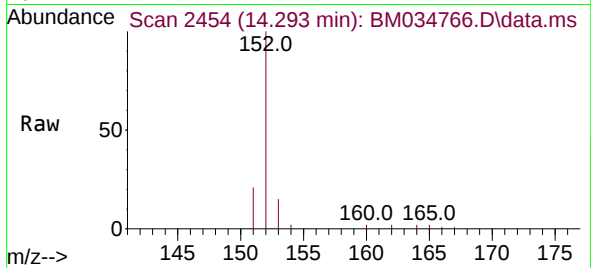




#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

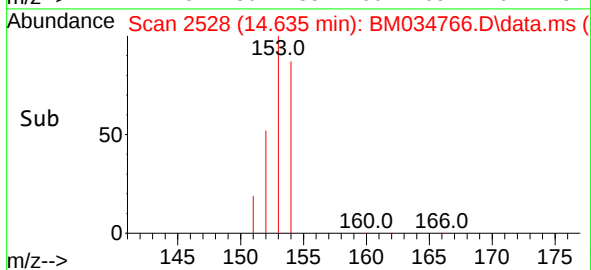
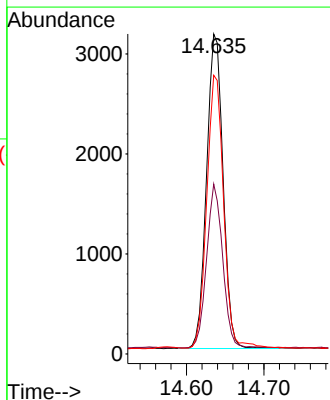
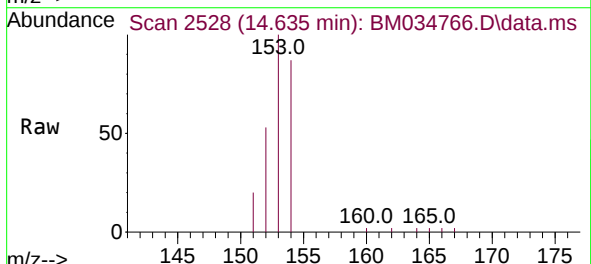
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SSTD0.2030

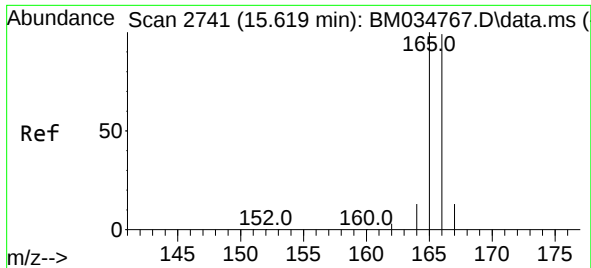
Tgt Ion:152 Resp: 5520
Ion Ratio Lower Upper
152 100
151 20.9 19.9 29.9
153 14.8 15.0 22.4#



#11
Acenaphthene
Concen: 0.162 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

Tgt Ion:153 Resp: 4663
Ion Ratio Lower Upper
153 100
152 53.1 42.4 63.6
154 87.1 66.2 99.2

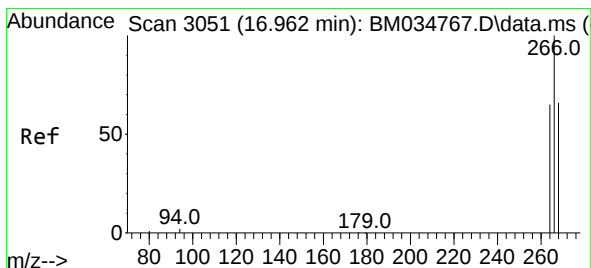
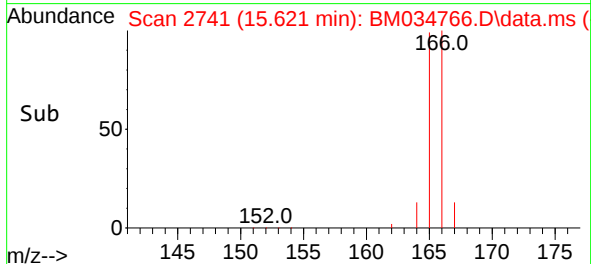
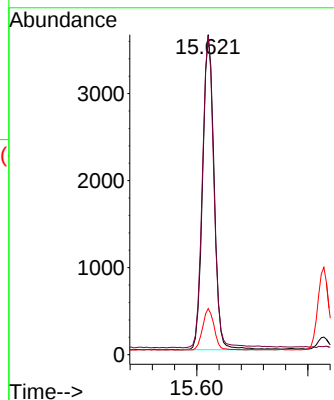
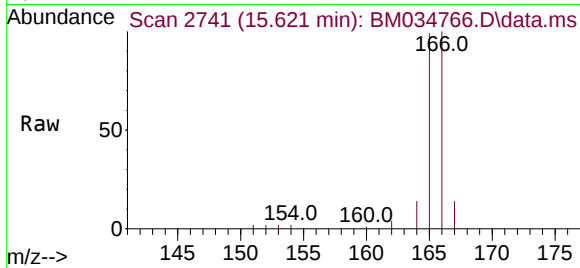




#12
Fluorene
Concen: 0.160 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

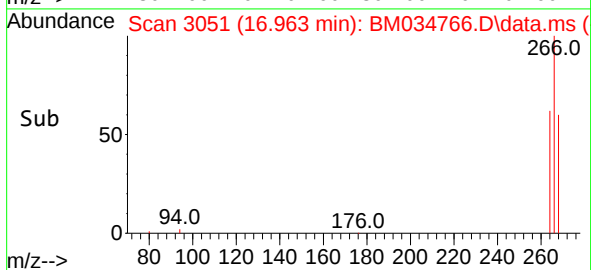
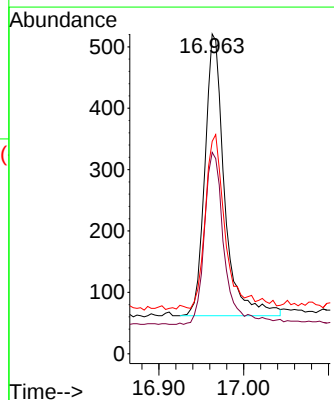
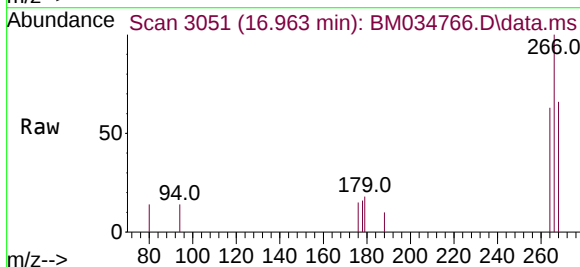
Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

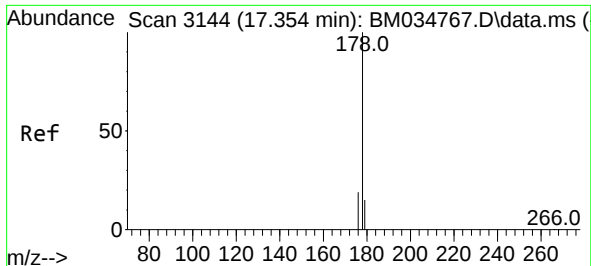
Tgt Ion:166 Resp: 5198
Ion Ratio Lower Upper
166 100
165 99.4 81.1 121.7
167 14.4 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.184 ng/ul
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

Tgt Ion:266 Resp: 737
Ion Ratio Lower Upper
266 100
264 61.7 51.4 77.0
268 63.0 53.1 79.7

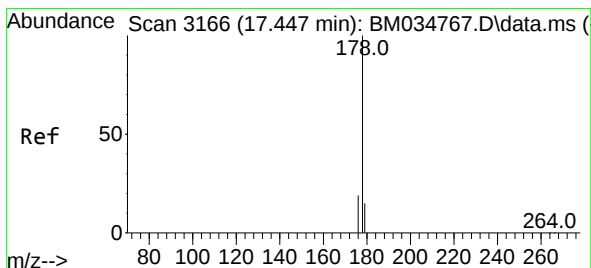
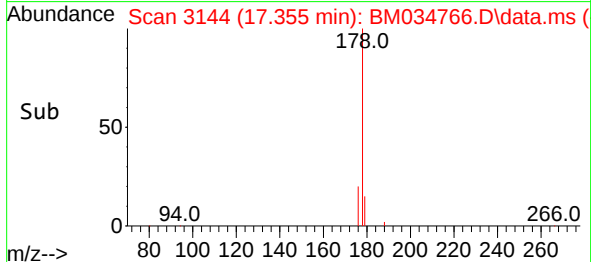
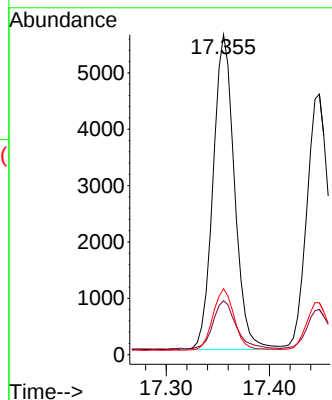
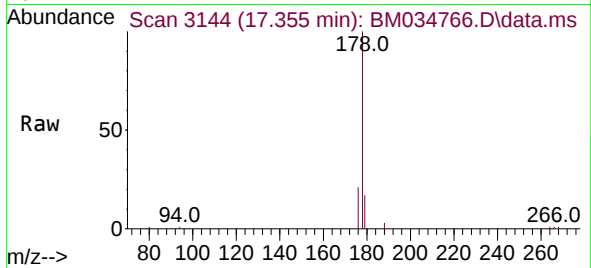




#15
Phenanthrene
Concen: 0.159 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

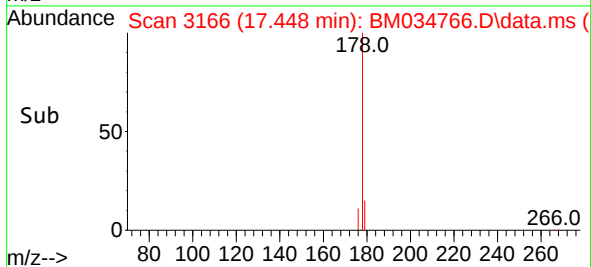
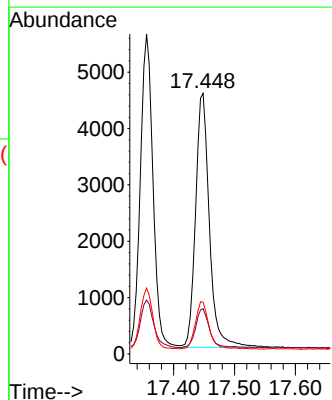
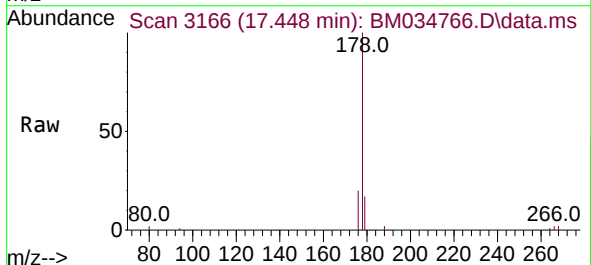
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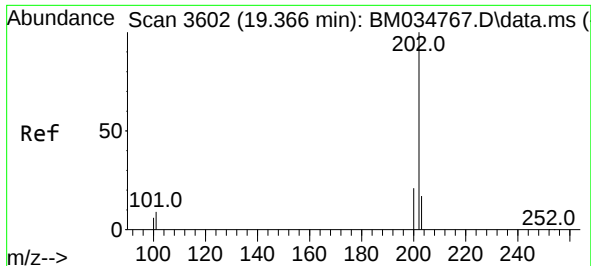
Tgt Ion:178 Resp: 8024
Ion Ratio Lower Upper
178 100
179 16.9 15.0 22.6
176 20.6 17.9 26.9



#16
Anthracene
Concen: 0.157 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.001 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

Tgt Ion:178 Resp: 7139
Ion Ratio Lower Upper
178 100
179 17.4 16.5 24.7
176 19.9 18.3 27.5

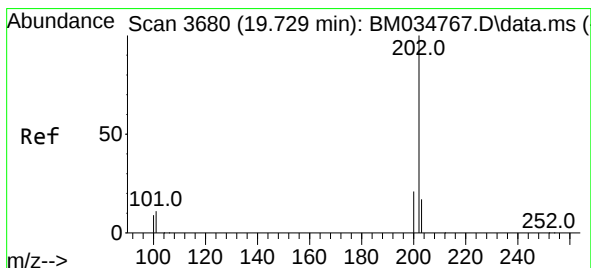
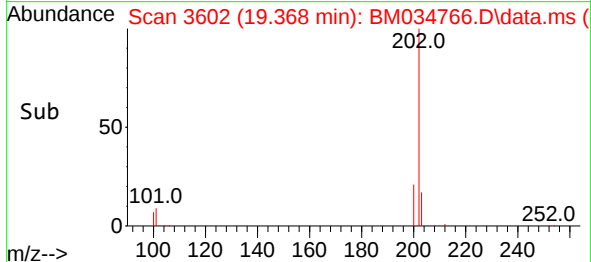
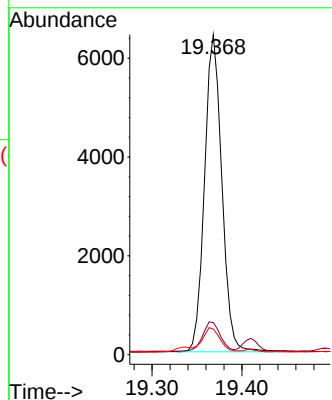
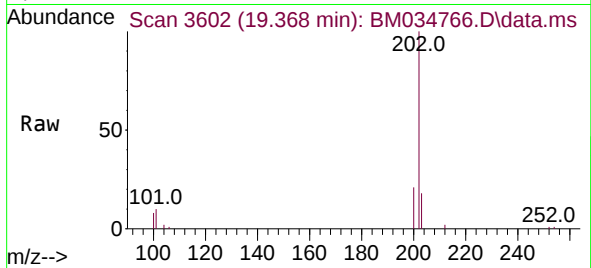




#19
Fluoranthene
Concen: 0.147 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

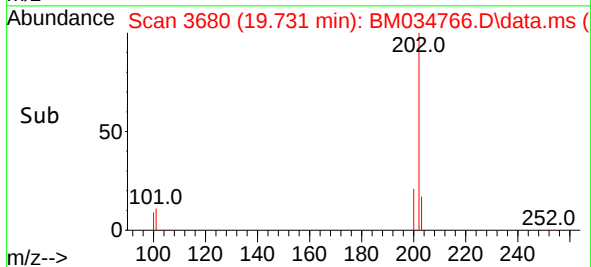
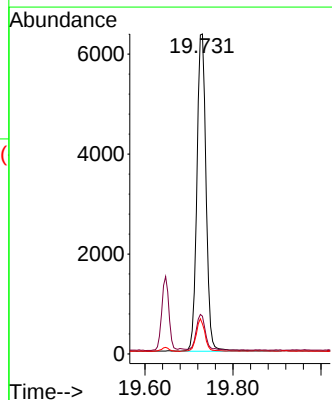
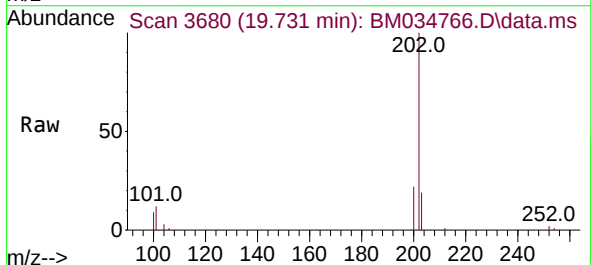
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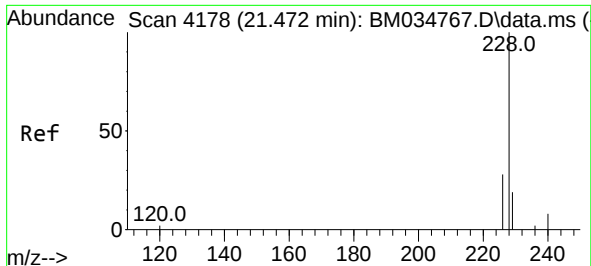
Tgt Ion:202 Resp: 8611
Ion Ratio Lower Upper
202 100
101 10.0 9.2 13.8
100 8.0 7.2 10.8



#20
Pyrene
Concen: 0.158 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. 0.002 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

Tgt Ion:202 Resp: 9181
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 9.4 7.8 11.6

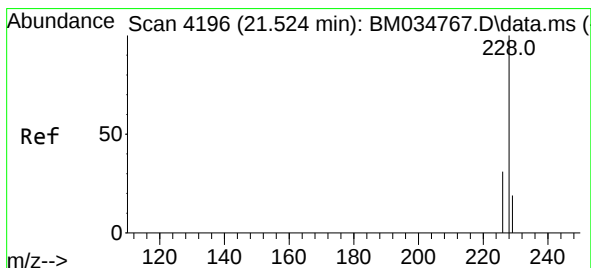
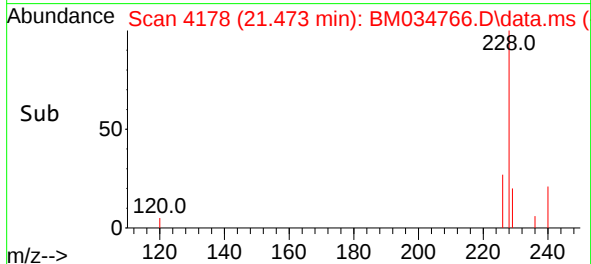
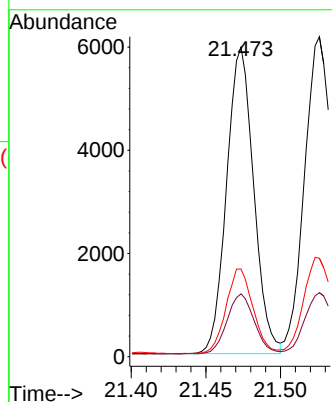
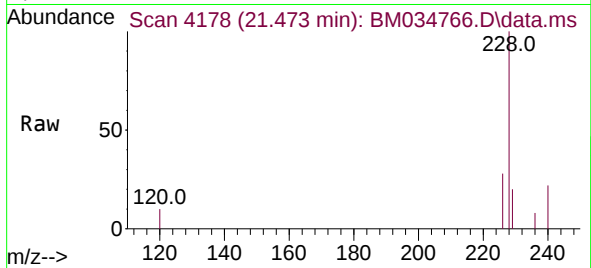




#21
Benzo(a)anthracene
Concen: 0.158 ng/ul
RT: 21.473 min Scan# 4178
Delta R.T. 0.002 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

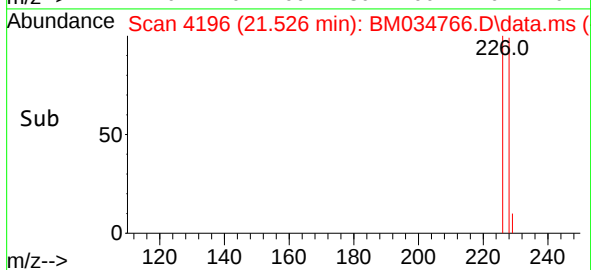
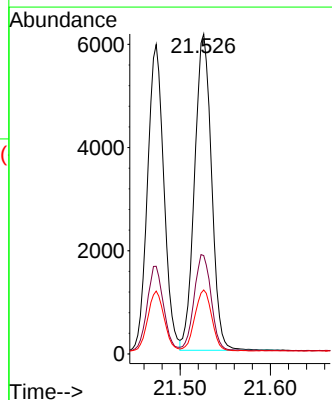
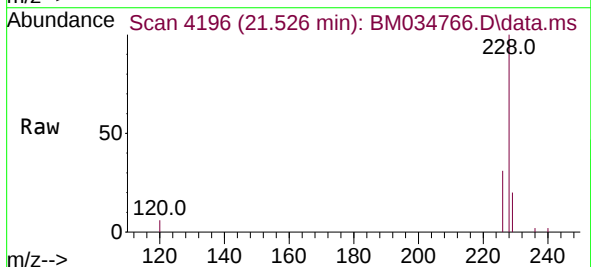
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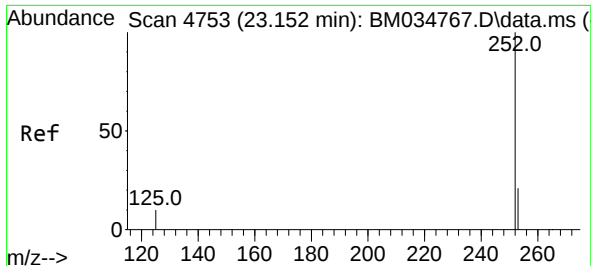
Tgt Ion:228 Resp: 7496
Ion Ratio Lower Upper
228 100
229 20.3 17.3 25.9
226 28.3 23.2 34.8



#22
Chrysene
Concen: 0.156 ng/ul
RT: 21.526 min Scan# 4196
Delta R.T. 0.002 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

Tgt Ion:228 Resp: 7994
Ion Ratio Lower Upper
228 100
226 30.7 25.8 38.8
229 20.0 16.7 25.1

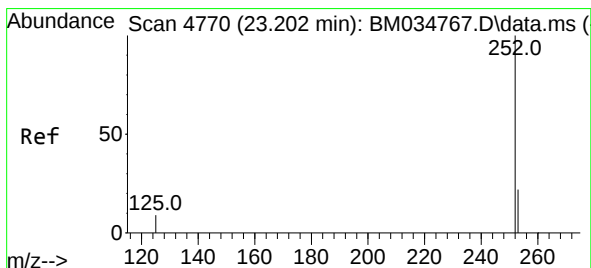
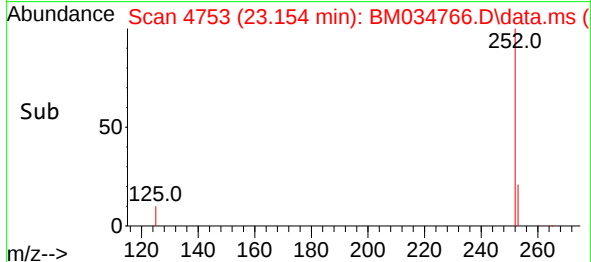
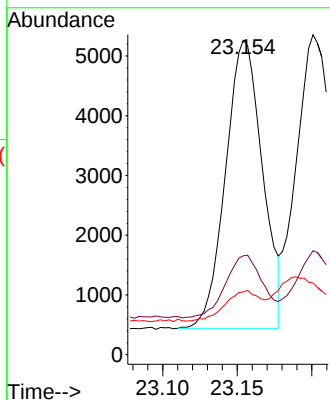
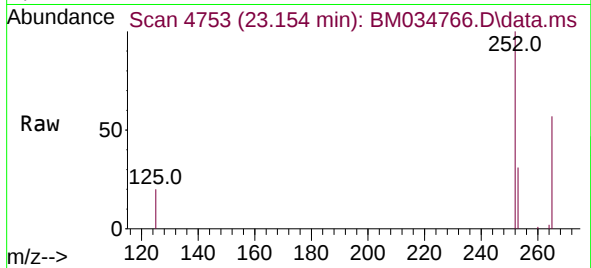




#24
Benzo(b)fluoranthene
Concen: 0.150 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

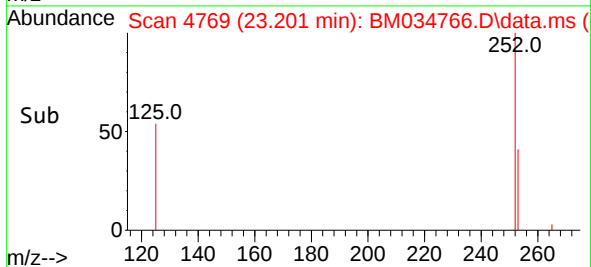
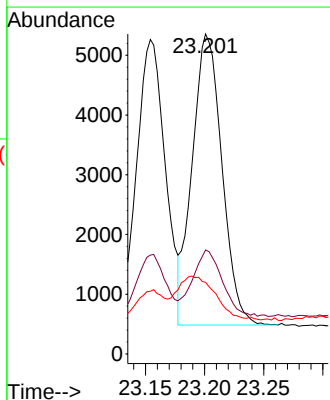
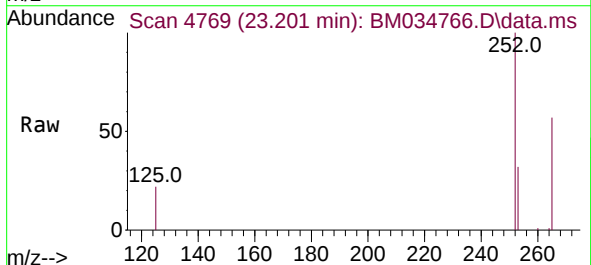
Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

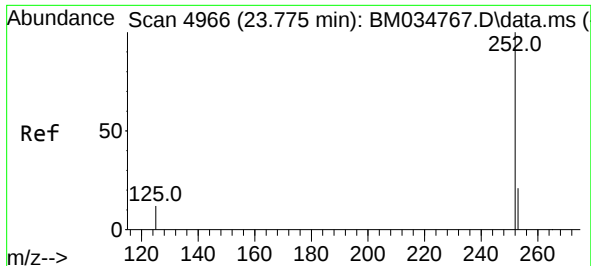
Tgt Ion:252 Resp: 8277
Ion Ratio Lower Upper
252 100
253 31.5 0.0 64.2
125 19.9 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.163 ng/ul
RT: 23.201 min Scan# 4769
Delta R.T. -0.001 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

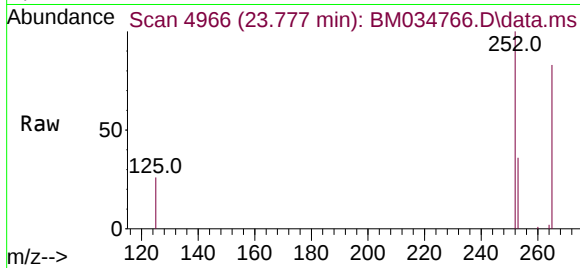
Tgt Ion:252 Resp: 8535
Ion Ratio Lower Upper
252 100
253 32.5 26.8 40.2
125 22.4 12.0 18.0#



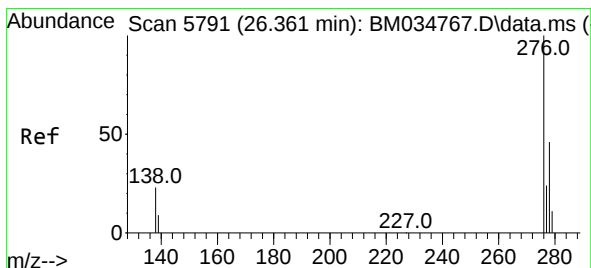
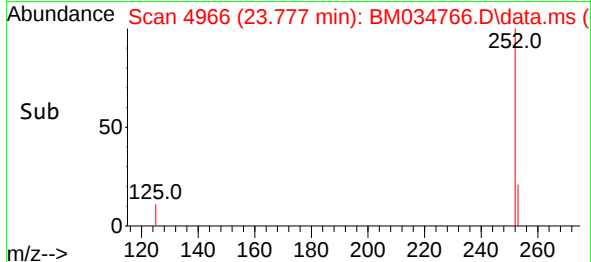
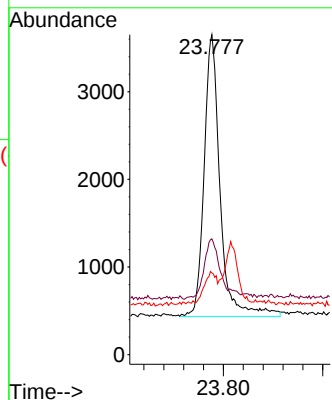


#26
Benzo(a)pyrene
Concen: 0.145 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.002 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

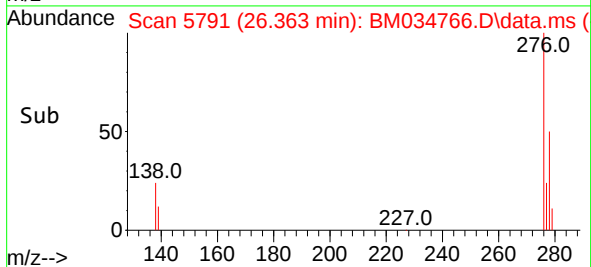
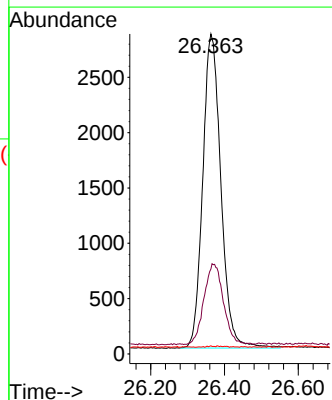
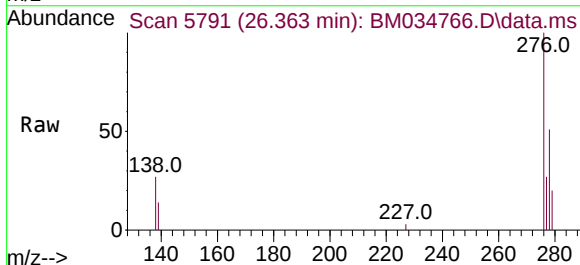


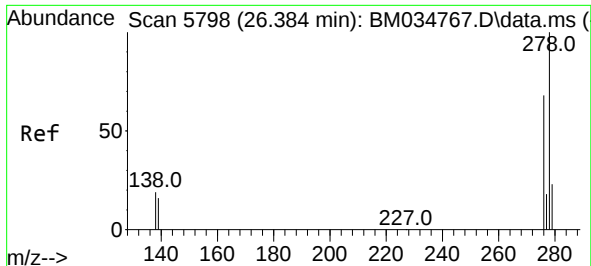
Tgt Ion:252 Resp: 7150
Ion Ratio Lower Upper
252 100
253 36.2 32.0 48.0
125 25.6 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.155 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. 0.002 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

Tgt Ion:276 Resp: 9695
Ion Ratio Lower Upper
276 100
138 27.4 15.8 23.6#
227 0.1 0.0 0.0#

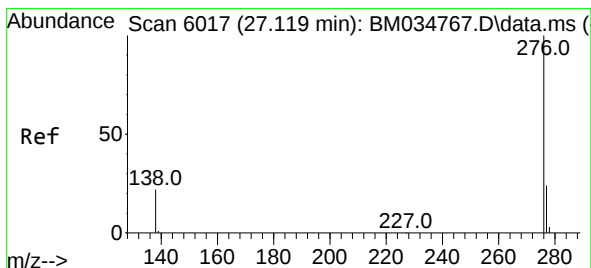
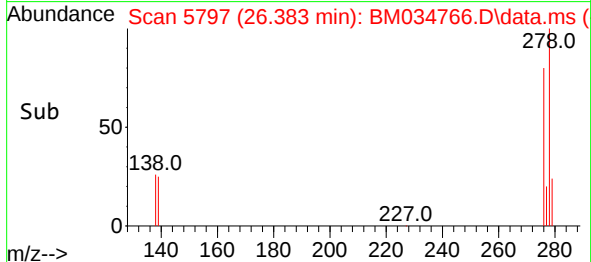
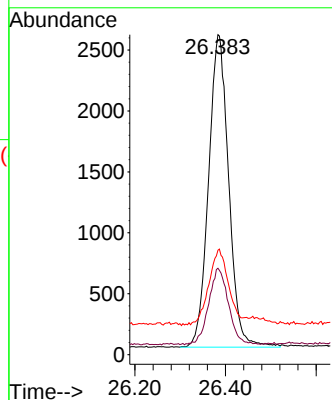
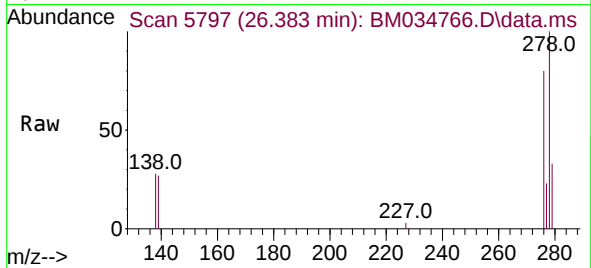




#28
Dibenzo(a,h)anthracene
Concen: 0.152 ng/ul
RT: 26.383 min Scan# 5798
Delta R.T. -0.001 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Tgt Ion: 278 Resp: 7907
Ion Ratio Lower Upper
278 100
139 27.0 18.0 27.0
279 32.6 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.147 ng/ul
RT: 27.121 min Scan# 6017
Delta R.T. 0.002 min
Lab File: BM034766.D
Acq: 22 Apr 2022 13:50

Tgt Ion: 276 Resp: 8401
Ion Ratio Lower Upper
276 100
138 24.6 17.4 26.0
277 25.9 22.6 33.8

