

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
 Data File : BM037990.D
 Acq On : 14 Dec 2022 10:35
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4184

Quant Time: Dec 14 23:25:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 01:30:33 2022
 Response via : Initial Calibration

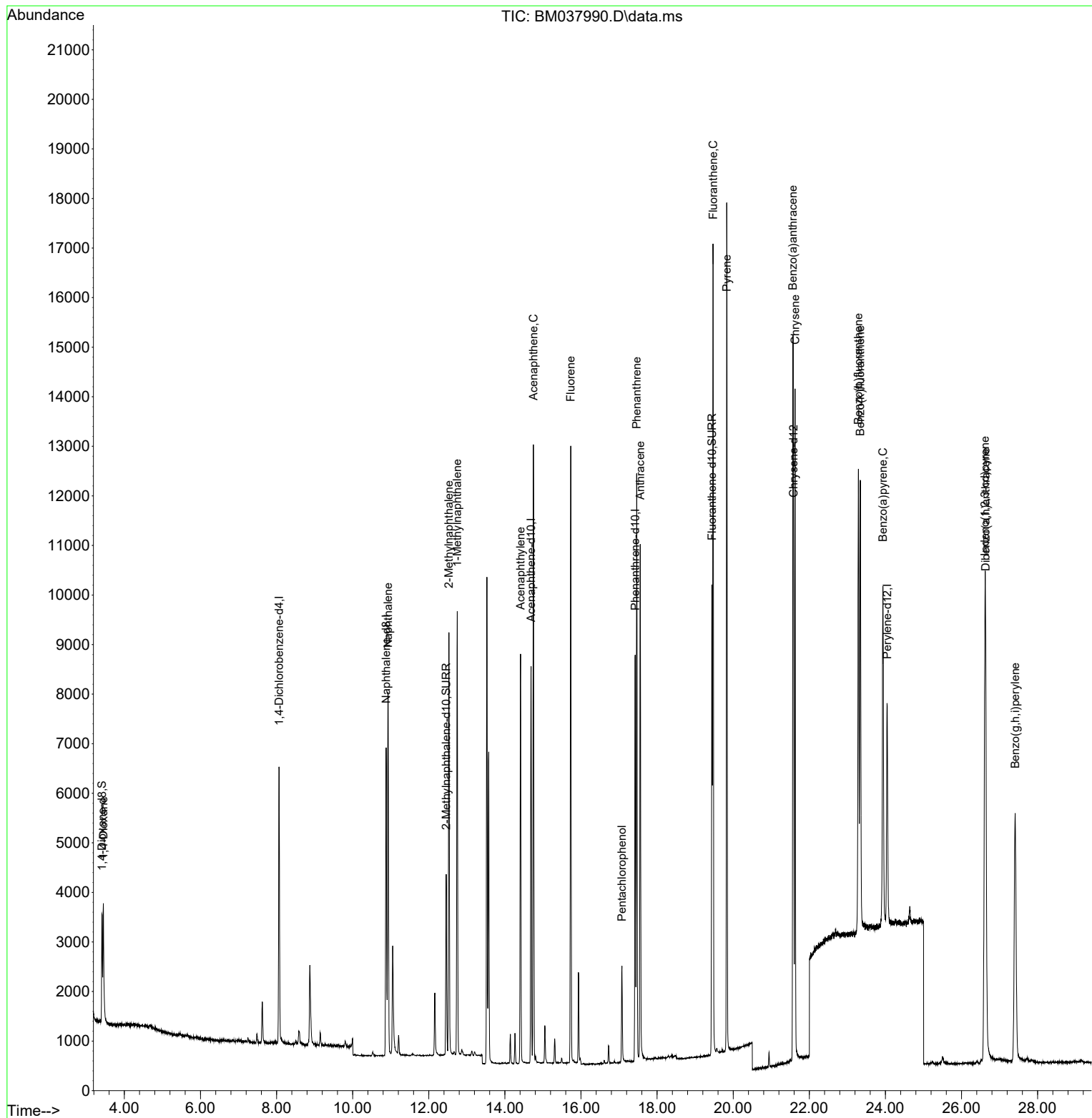
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	3017	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	8092	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	4273	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	9034	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	6608	0.400	ng/ul	0.00
23) Perylene-d12	24.044	264	6402	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	1701	0.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	4702	0.410	ng/ul	0.00
18) Fluoranthene-d10	19.440	212	9333	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	1630	0.387	ng/ul#	70
5) Naphthalene	10.927	128	10156	0.411	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	6039	0.414	ng/ul	98
8) 1-Methylnaphthalene	12.748	142	6172	0.413	ng/ul	100
10) Acenaphthylene	14.411	152	9122	0.376	ng/ul	99
11) Acenaphthene	14.749	153	6804	0.392	ng/ul	96
12) Fluorene	15.730	166	7583	0.380	ng/ul	98
14) Pentachlorophenol	17.075	266	1348	0.351	ng/ul	99
15) Phenanthrene	17.464	178	12213	0.390	ng/ul	100
16) Anthracene	17.557	178	11306	0.395	ng/ul	99
19) Fluoranthene	19.473	202	13551	0.388	ng/ul	99
20) Pyrene	19.831	202	13861	0.391	ng/ul	98
21) Benzo(a)anthracene	21.571	228	11577	0.384	ng/ul	99
22) Chrysene	21.626	228	11952	0.381	ng/ul	99
24) Benzo(b)fluoranthene	23.289	252	12591	0.355	ng/ul	98
25) Benzo(k)fluoranthene	23.339	252	12086	0.363	ng/ul	99
26) Benzo(a)pyrene	23.936	252	10721	0.372	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.615	276	13300	0.379	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.632	278	10223	0.379	ng/ul	99
29) Benzo(g,h,i)perylene	27.410	276	11308	0.388	ng/ul	99

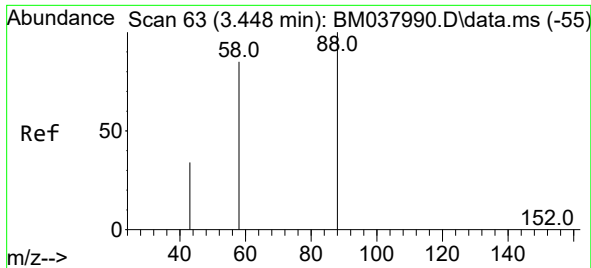
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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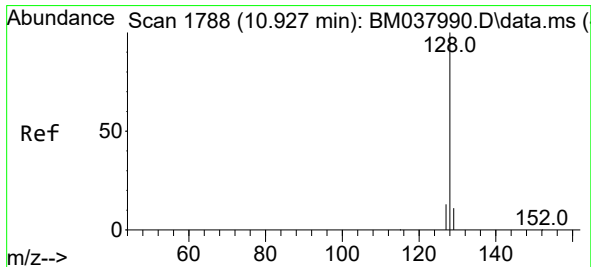
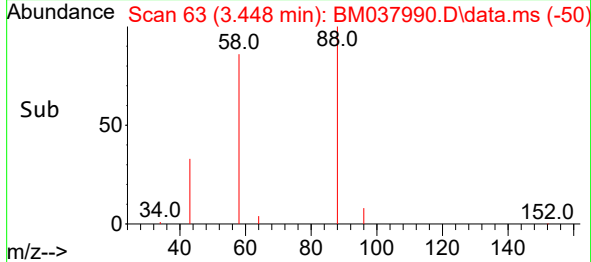
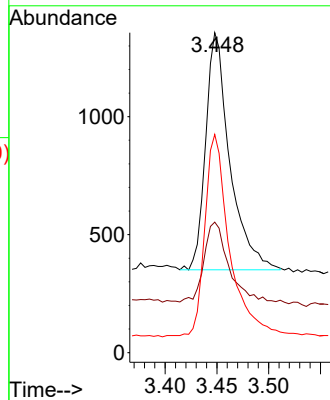
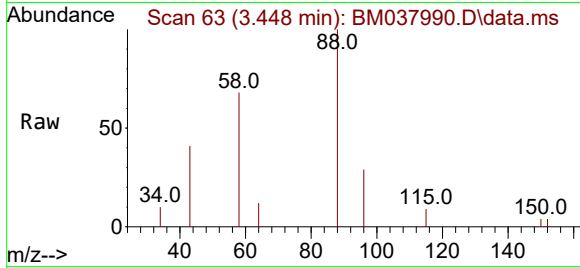




#2
1,4-Dioxane
Concen: 0.387 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

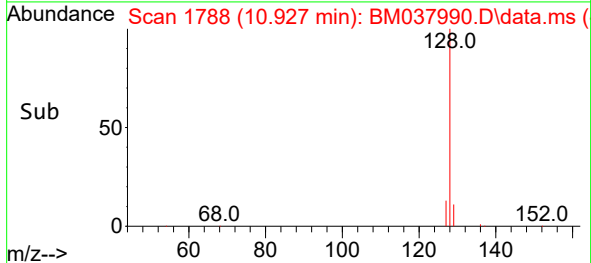
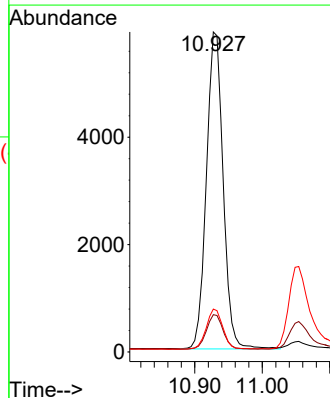
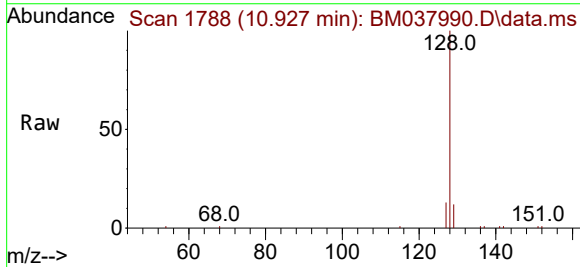
Instrument :
BNA_M
ClientSampleId :
SSTD0.4184

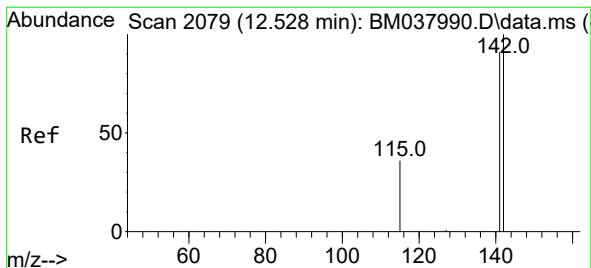
Tgt Ion: 88 Resp: 1630
Ion Ratio Lower Upper
88 100
43 40.8 25.5 38.3#
58 68.2 33.8 50.8#



#5
Naphthalene
Concen: 0.411 ng/ul
RT: 10.927 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

Tgt Ion: 128 Resp: 10156
Ion Ratio Lower Upper
128 100
129 11.7 9.7 14.5
127 13.4 10.8 16.2

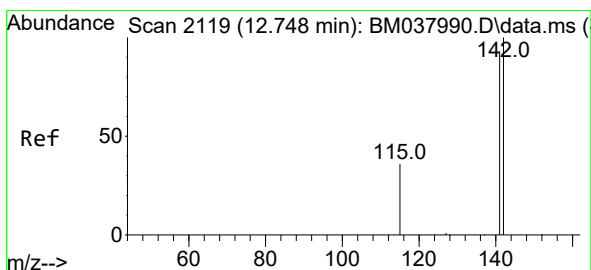
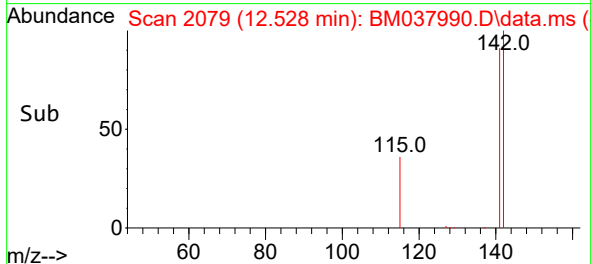
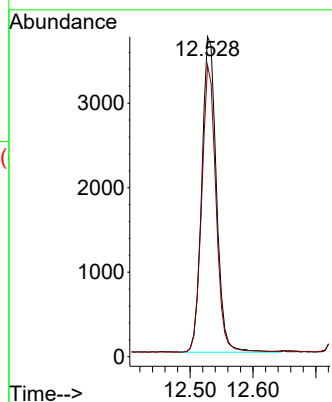
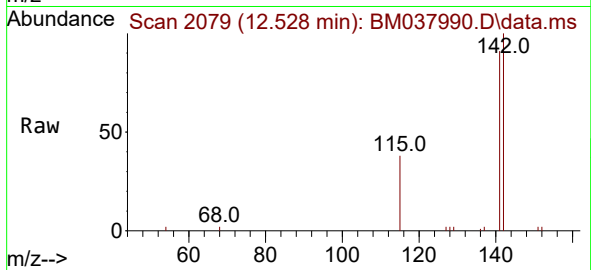




#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

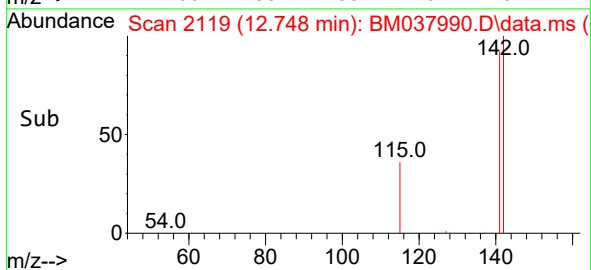
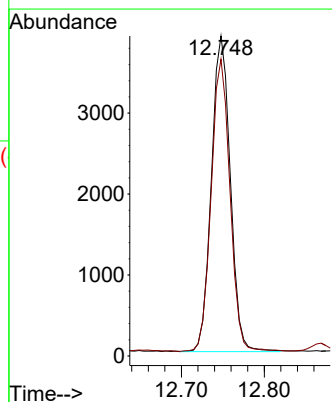
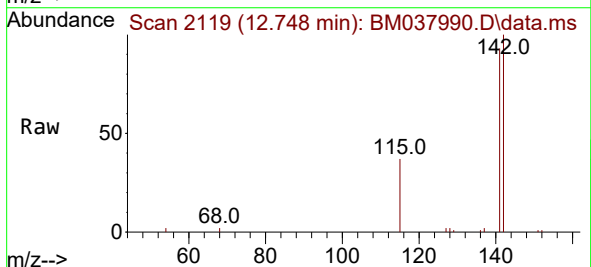
Instrument :
BNA_M
ClientSampleId :
SSTD0.4184

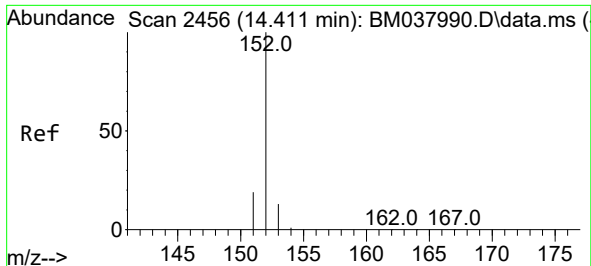
Tgt Ion:142 Resp: 6039
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

Tgt Ion:142 Resp: 6172
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7

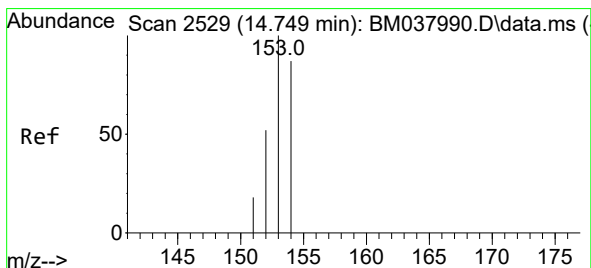
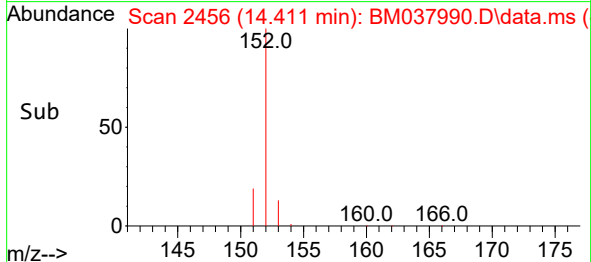
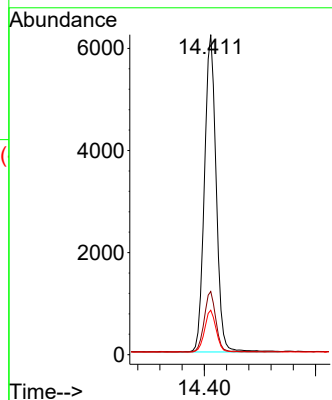
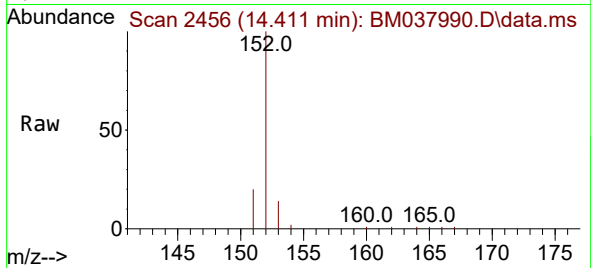




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.411 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

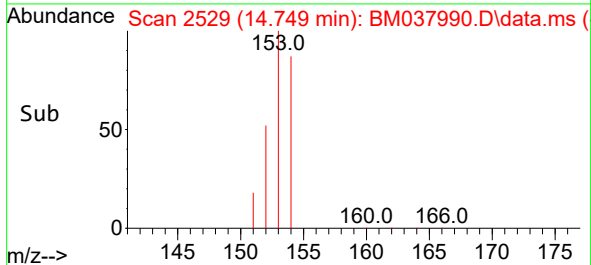
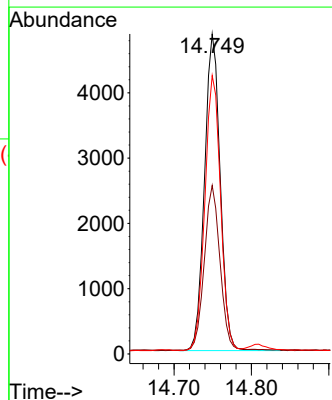
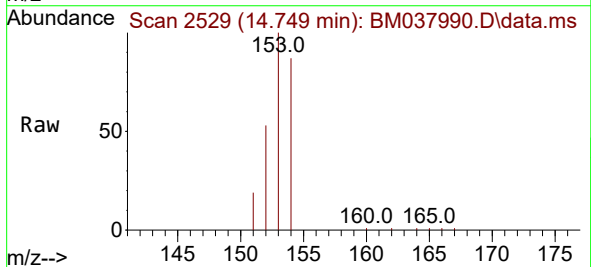
Instrument :
BNA_M
ClientSampleId :
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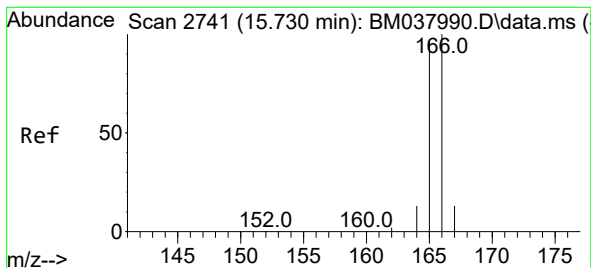
Tgt Ion:	152	Resp:	9122
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.8	23.8
153	13.9	10.7	16.1



#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.749 min Scan# 2529
Delta R.T. -0.005 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

Tgt Ion:	153	Resp:	6804
Ion Ratio	Lower	Upper	
153	100		
152	52.7	47.1	70.7
154	87.0	70.7	106.1





#12

Fluorene

Concen: 0.380 ng/ul

RT: 15.730 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM037990.D

Acq: 14 Dec 2022 10:35

Instrument :

BNA_M

ClientSampleId :

SSTD0.4184

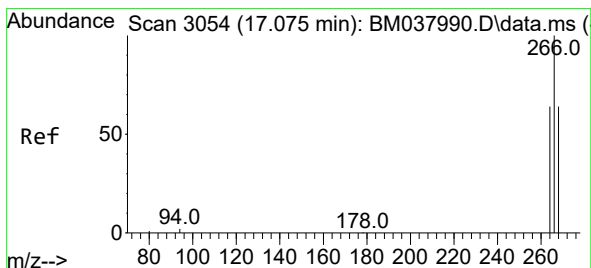
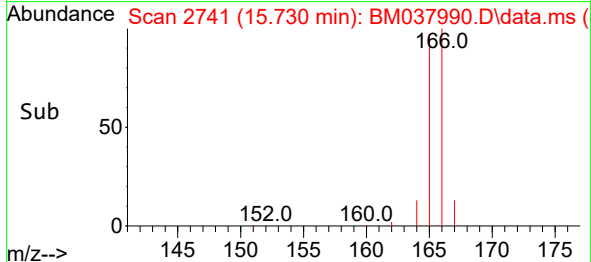
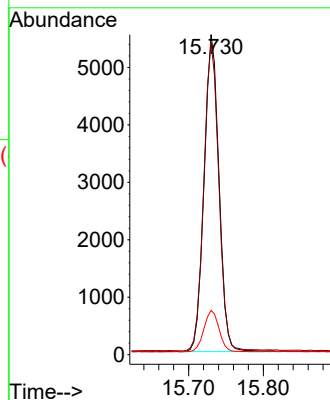
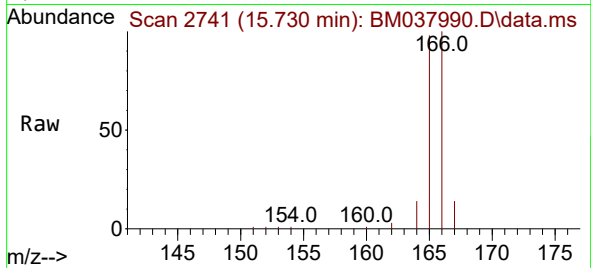
Tgt Ion:166 Resp: 7583

Ion Ratio Lower Upper

166 100

165 97.6 79.8 119.6

167 13.8 11.7 17.5



#14

Pentachlorophenol

Concen: 0.351 ng/ul

RT: 17.075 min Scan# 3054

Delta R.T. -0.005 min

Lab File: BM037990.D

Acq: 14 Dec 2022 10:35

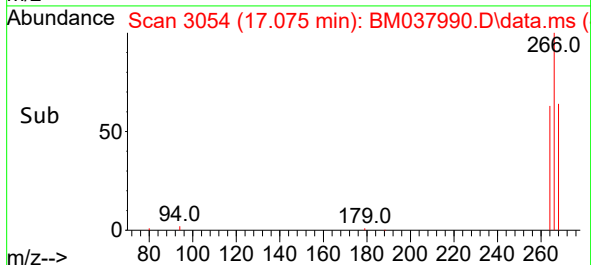
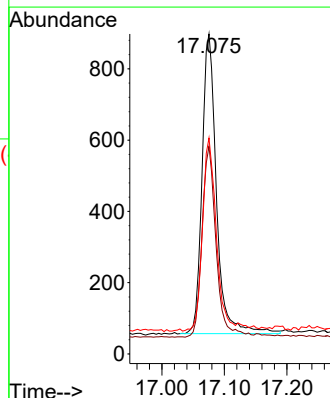
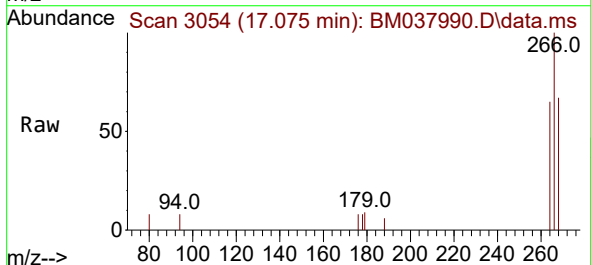
Tgt Ion:266 Resp: 1348

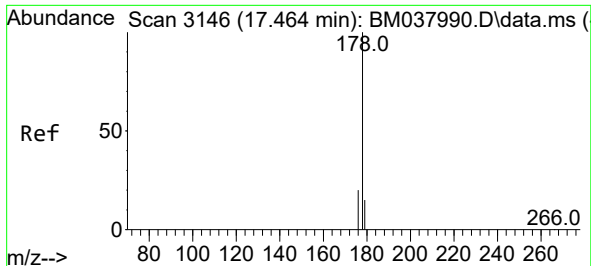
Ion Ratio Lower Upper

266 100

264 62.0 50.9 76.3

268 63.6 50.4 75.6

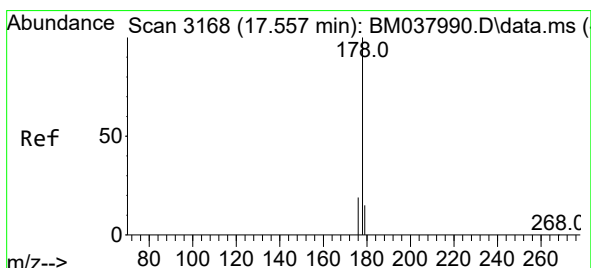
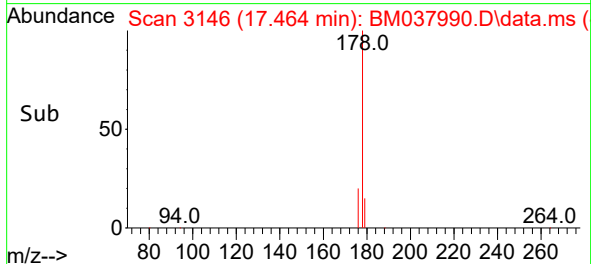
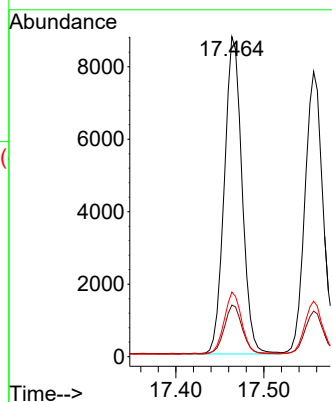
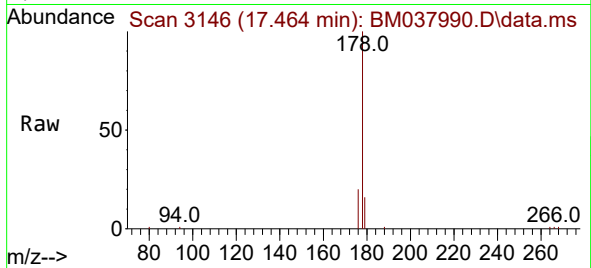




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.464 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

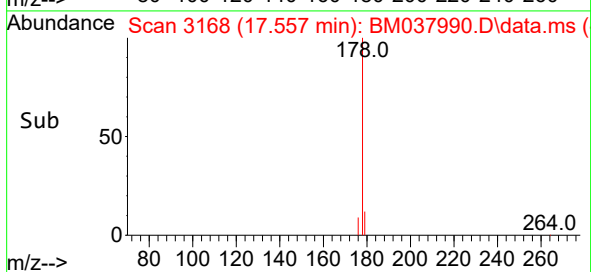
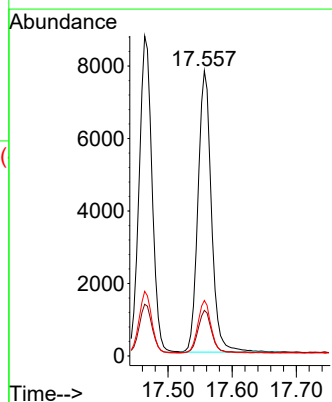
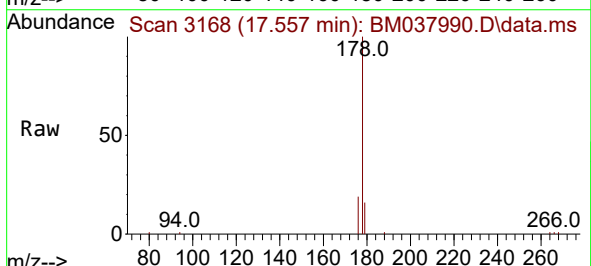
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ClientSampleId :
SSTD0.4184

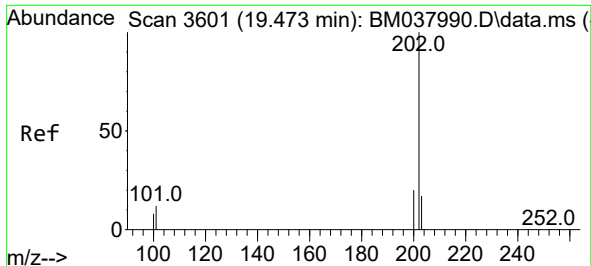
Tgt Ion:178 Resp: 12213
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 20.2 16.2 24.2



#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. -0.005 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

Tgt Ion:178 Resp: 11306
Ion Ratio Lower Upper
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179 16.0 13.4 20.0
176 19.5 15.8 23.6

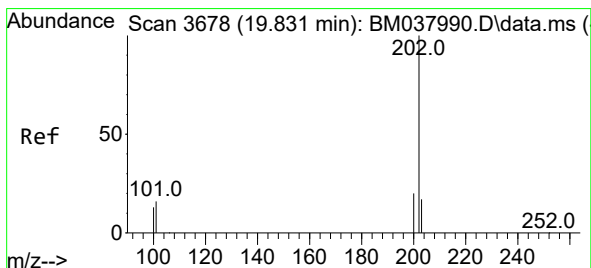
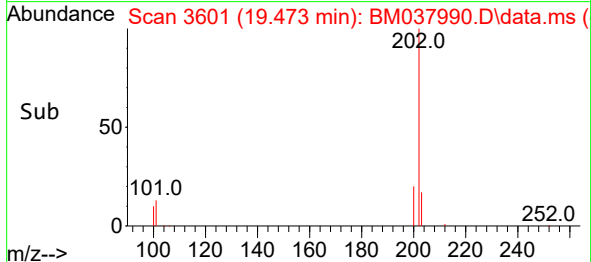
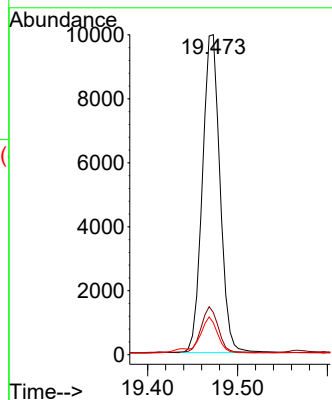
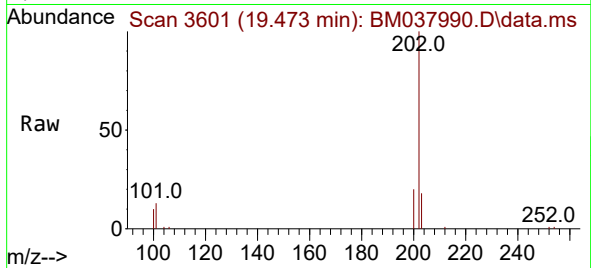




#19
Fluoranthene
Concen: 0.388 ng/ul
RT: 19.473 min Scan# 3601
Delta R.T. -0.000 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

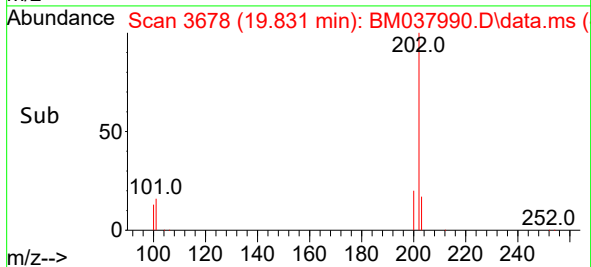
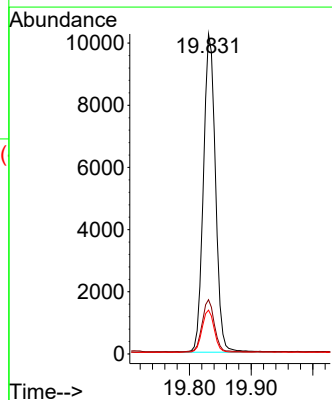
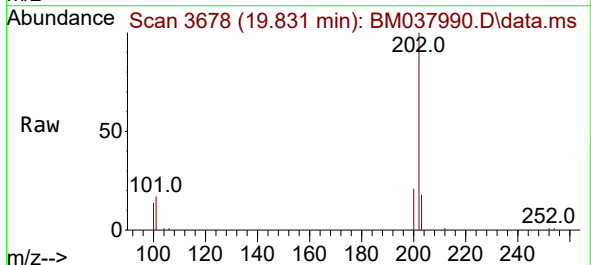
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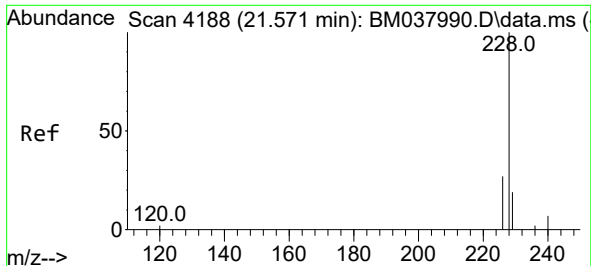
Tgt Ion:202 Resp: 13551
Ion Ratio Lower Upper
202 100
101 13.2 10.9 16.3
100 10.0 8.5 12.7



#20
Pyrene
Concen: 0.391 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

Tgt Ion:202 Resp: 13861
Ion Ratio Lower Upper
202 100
101 17.0 12.6 19.0
100 13.7 10.6 15.8

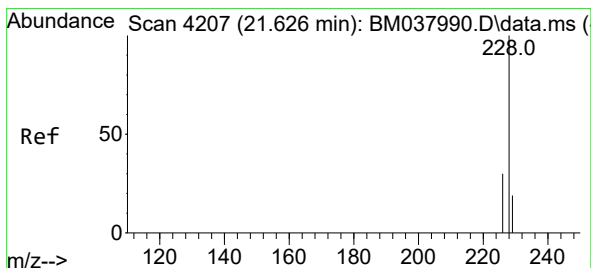
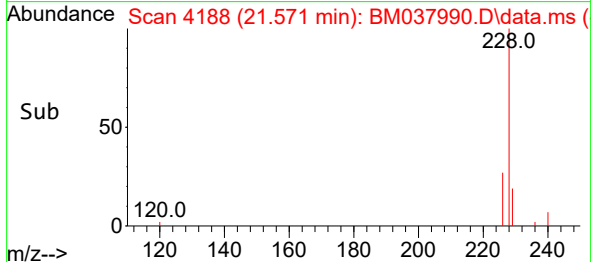
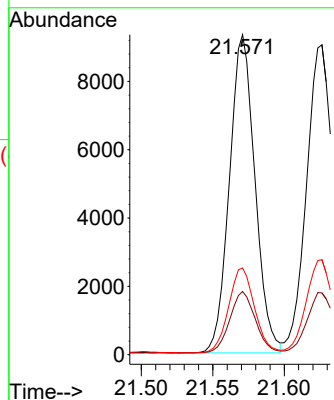
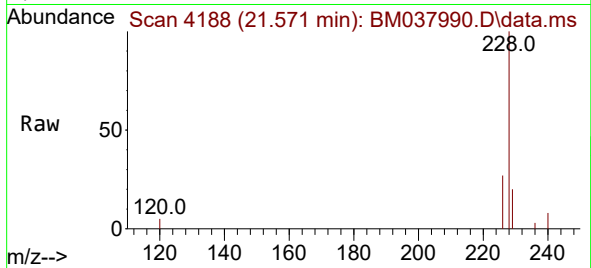




#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

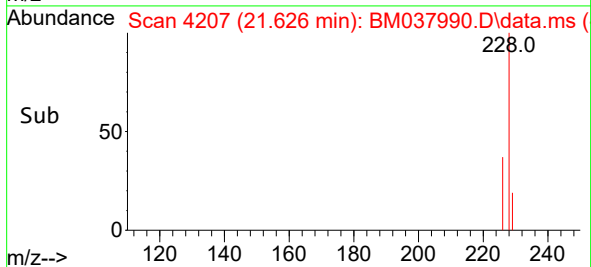
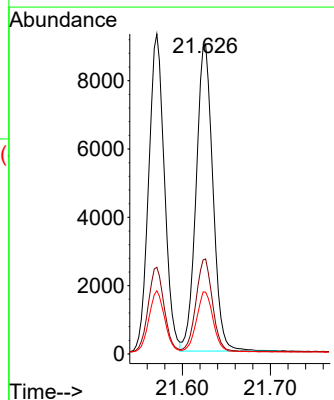
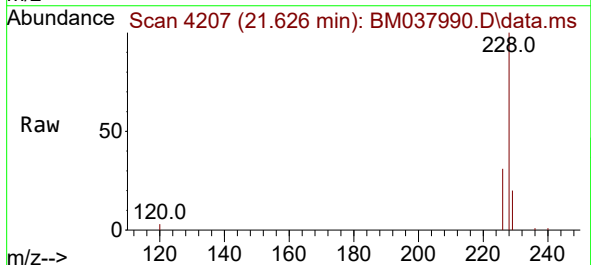
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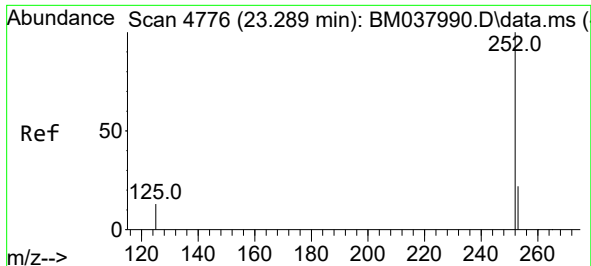
Tgt Ion:228 Resp: 11577
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 27.1 21.0 31.4



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.626 min Scan# 4207
Delta R.T. -0.003 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

Tgt Ion:228 Resp: 11952
Ion Ratio Lower Upper
228 100
226 30.7 23.7 35.5
229 19.9 15.8 23.8

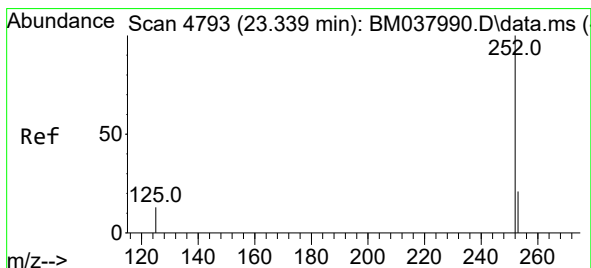
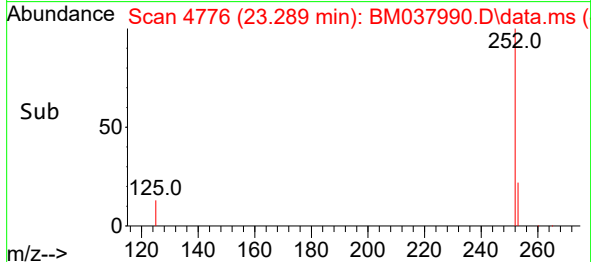
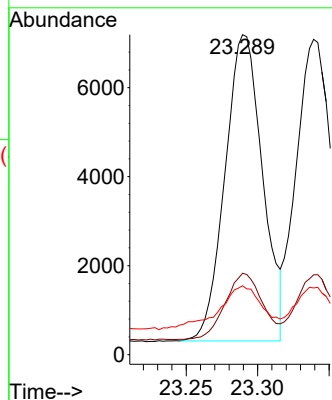
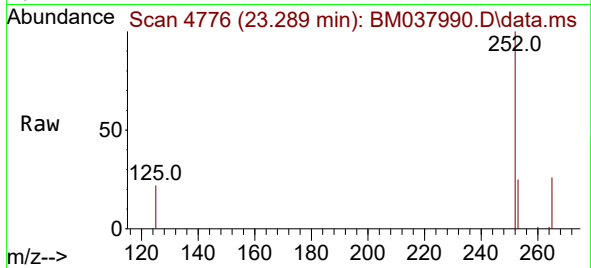




#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 23.289 min Scan# 4776
Delta R.T. -0.006 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

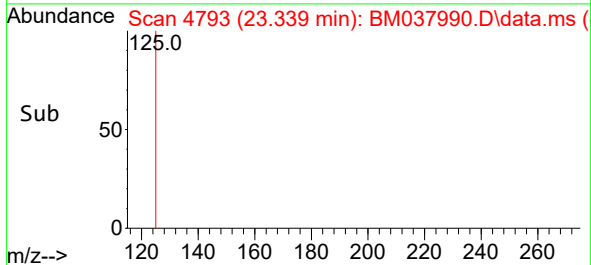
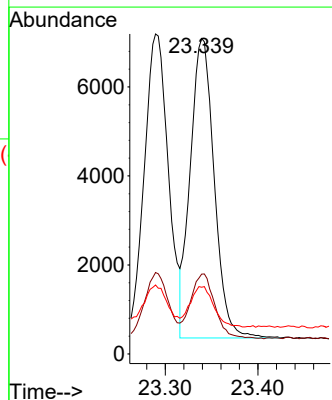
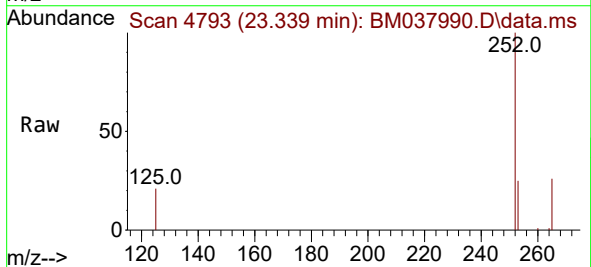
Instrument :
BNA_M
ClientSampleId :
SSTD0.4184

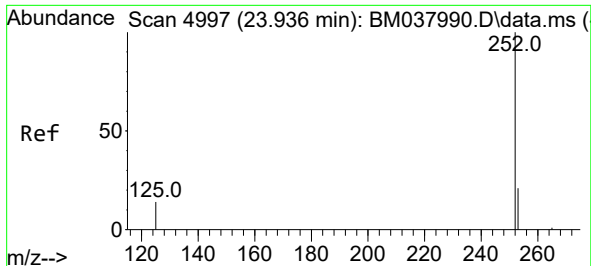
Tgt Ion:252 Resp: 12591
Ion Ratio Lower Upper
252 100
253 25.4 0.0 49.6
125 21.5 0.0 39.6



#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 23.339 min Scan# 4793
Delta R.T. -0.003 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

Tgt Ion:252 Resp: 12086
Ion Ratio Lower Upper
252 100
253 25.3 19.4 29.0
125 21.1 16.7 25.1

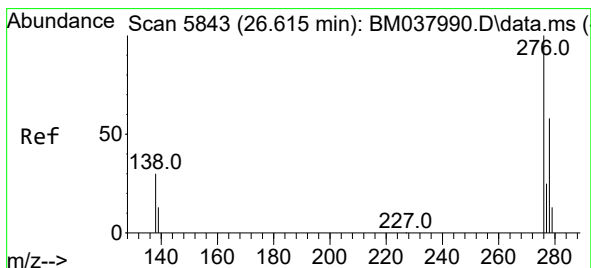
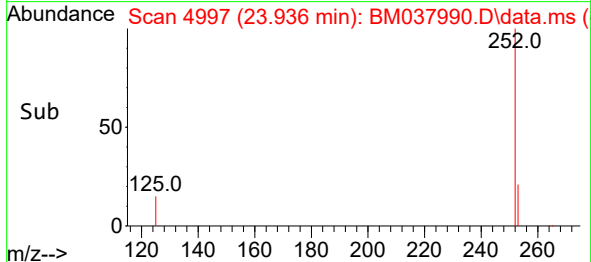
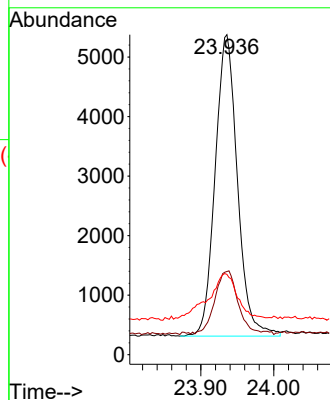
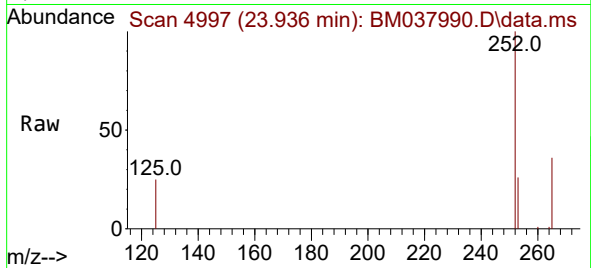




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.936 min Scan# 4997
Delta R.T. -0.003 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

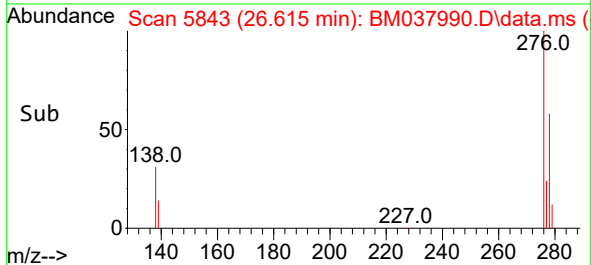
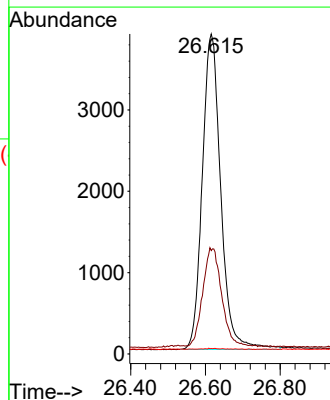
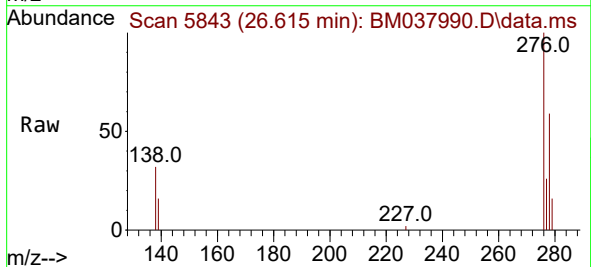
Instrument :
BNA_M
ClientSampleId :
SSTD0.4184

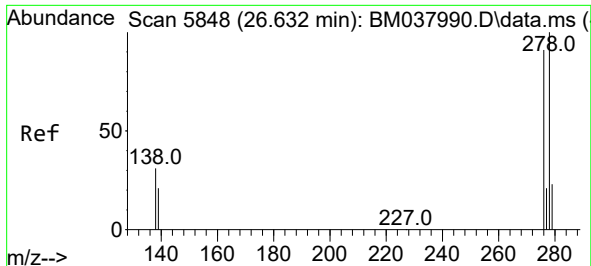
Tgt Ion:252 Resp: 10721
Ion Ratio Lower Upper
252 100
253 26.0 21.7 32.5
125 25.1 20.4 30.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 26.615 min Scan# 5843
Delta R.T. -0.004 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

Tgt Ion:276 Resp: 13300
Ion Ratio Lower Upper
276 100
138 31.3 0.0 0.0#
227 0.1 0.1 0.1#

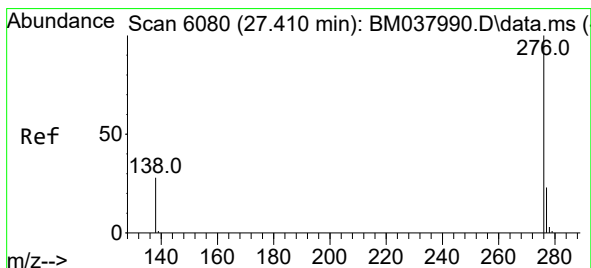
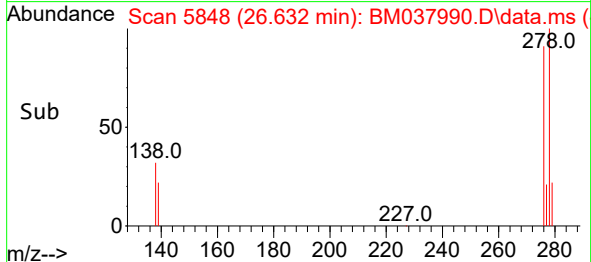
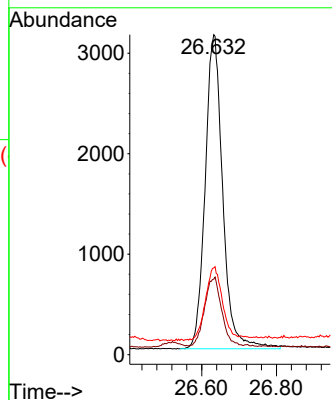
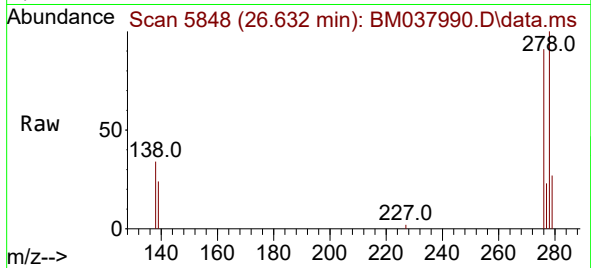




#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 26.632 min Scan# 5848
Delta R.T. -0.000 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

Instrument :
BNA_M
ClientSampleId :
SSTD0.4184

Tgt Ion:278 Resp: 10223
Ion Ratio Lower Upper
278 100
139 23.6 19.4 29.0
279 27.1 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 27.410 min Scan# 6080
Delta R.T. -0.007 min
Lab File: BM037990.D
Acq: 14 Dec 2022 10:35

Tgt Ion:276 Resp: 11308
Ion Ratio Lower Upper
276 100
138 30.3 23.5 35.3
277 25.3 20.0 30.0

