

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038982.D
 Acq On : 10 Mar 2023 16:19
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4078

Quant Time: Mar 10 23:16:09 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 : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

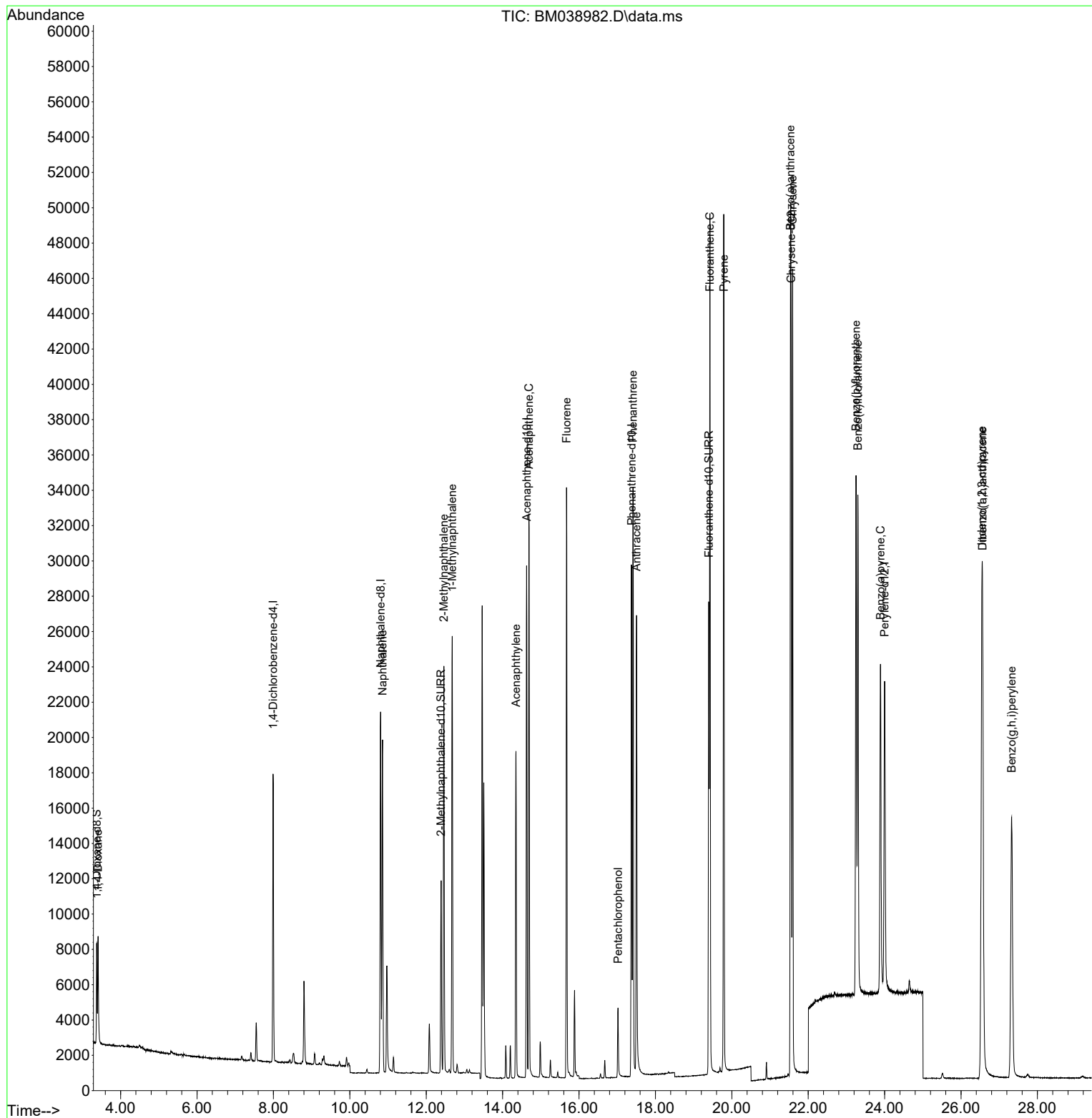
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	8107	0.400	ng/ul	0.00
4) Naphthalene-d8	10.805	136	27376	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.628	164	15572	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	34166	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	31338	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	25871	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	3818	0.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.389	152	13653	0.412	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	29292	0.393	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.409	88	3989	0.429	ng/ul	96
5) Naphthalene	10.855	128	25770	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.461	142	15954	0.402	ng/ul	100
8) 1-Methylnaphthalene	12.681	142	16725	0.401	ng/ul	99
10) Acenaphthylene	14.350	152	21450	0.379	ng/ul	99
11) Acenaphthene	14.688	153	18105	0.389	ng/ul	98
12) Fluorene	15.673	166	20824	0.396	ng/ul	99
14) Pentachlorophenol	17.020	266	2836	0.345	ng/ul	99
15) Phenanthrene	17.412	178	35067	0.388	ng/ul	99
16) Anthracene	17.505	178	29392	0.395	ng/ul	99
19) Fluoranthene	19.426	202	40239	0.379	ng/ul	99
20) Pyrene	19.788	202	41077	0.377	ng/ul	100
21) Benzo(a)anthracene	21.535	228	36961	0.417	ng/ul	100
22) Chrysene	21.591	228	40237	0.377	ng/ul	100
24) Benzo(b)fluoranthene	23.251	252	39831	0.394	ng/ul	99
25) Benzo(k)fluoranthene	23.300	252	37791	0.374	ng/ul	99
26) Benzo(a)pyrene	23.891	252	31224	0.387	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.544	276	41266	0.405	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.564	278	33321	0.429	ng/ul	97
29) Benzo(g,h,i)perylene	27.326	276	34081	0.359	ng/ul	100

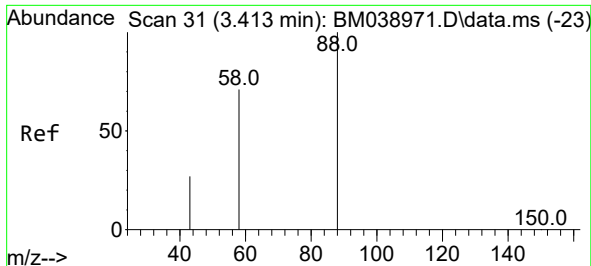
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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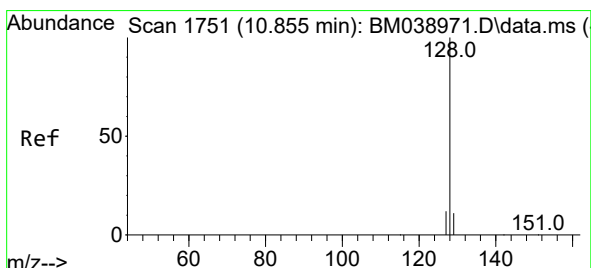
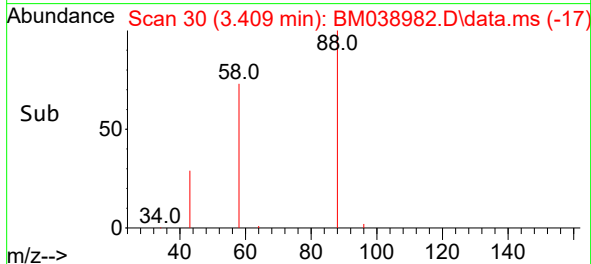
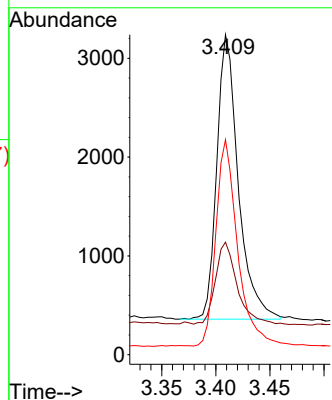
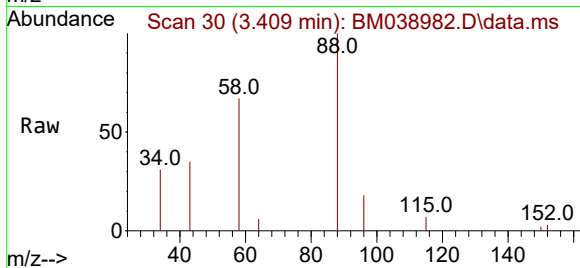




#2
1,4-Dioxane
Concen: 0.429 ng/ul
RT: 3.409 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

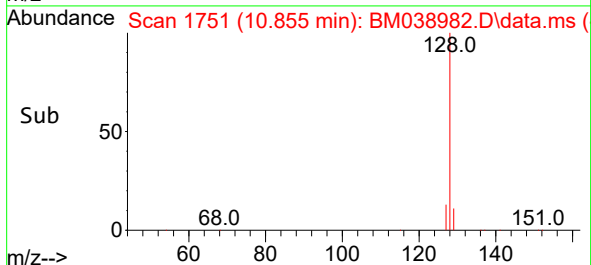
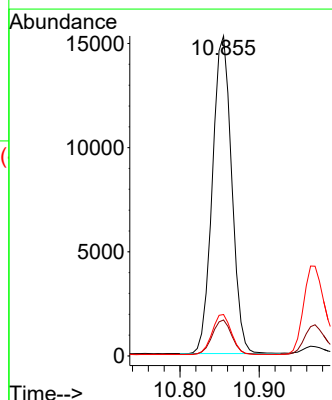
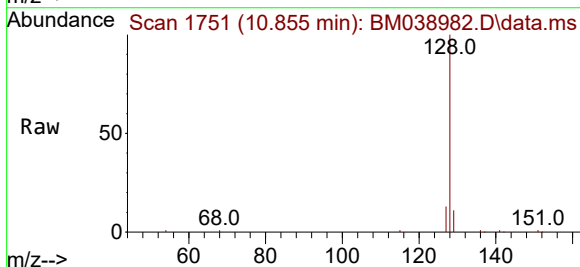
Instrument :
BNA_M
ClientSampleId :
SSTD0.4078

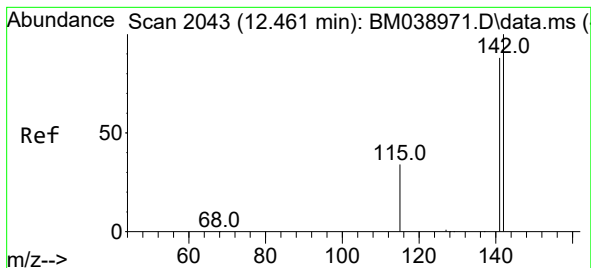
Tgt Ion: 88 Resp: 3989
Ion Ratio Lower Upper
88 100
43 35.2 27.2 40.8
58 67.2 50.8 76.2



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.855 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

Tgt Ion: 128 Resp: 25770
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.9 10.3 15.5

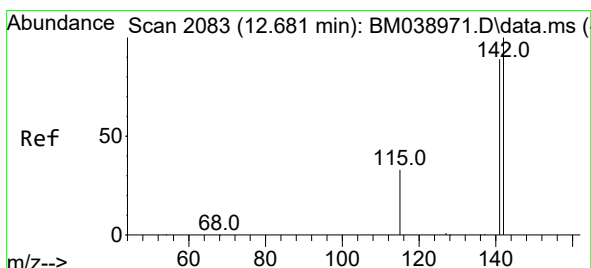
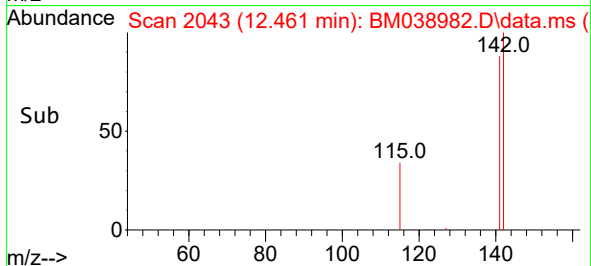
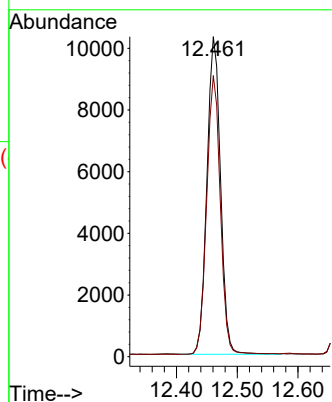
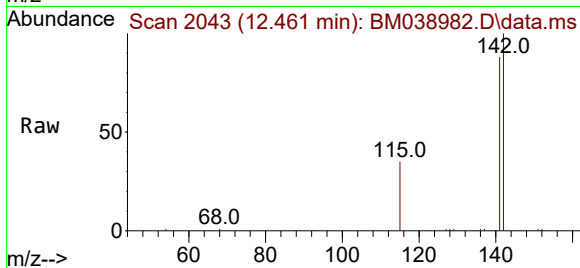




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.461 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

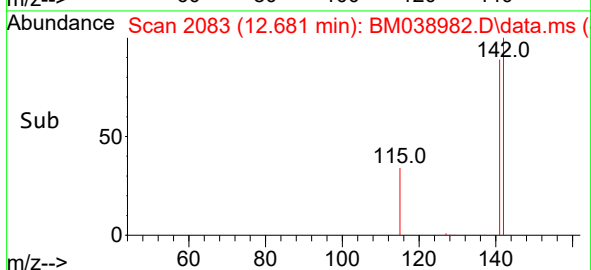
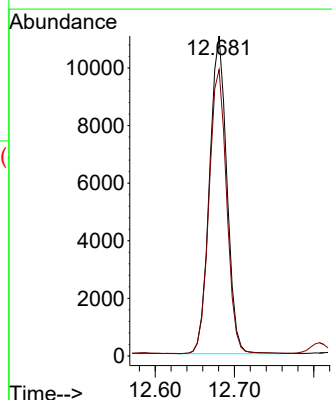
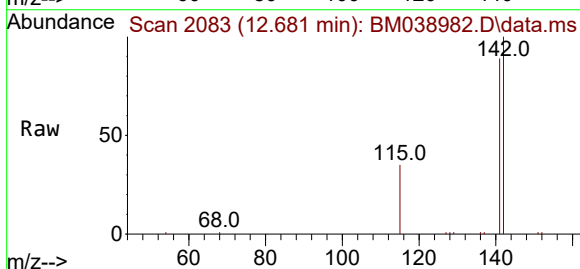
Instrument :
BNA_M
ClientSampleId :
SSTD0.4078

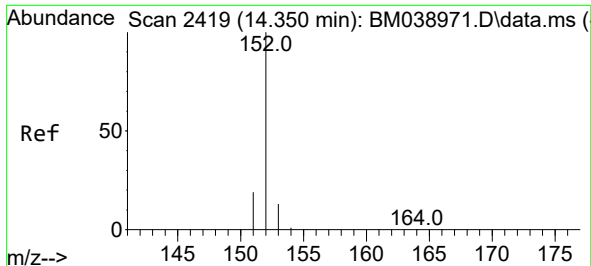
Tgt Ion:142 Resp: 15954
Ion Ratio Lower Upper
142 100
141 87.8 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.681 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

Tgt Ion:142 Resp: 16725
Ion Ratio Lower Upper
142 100
141 90.6 73.5 110.3

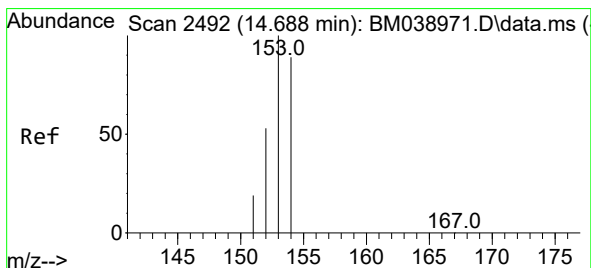
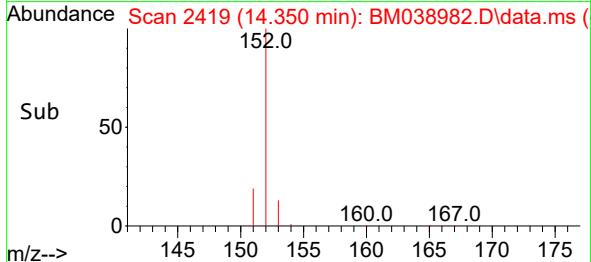
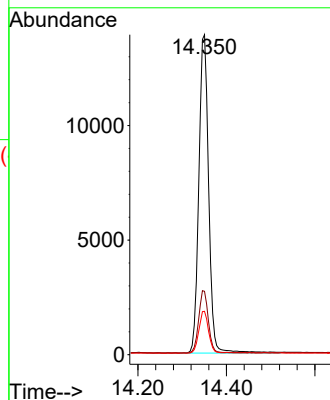
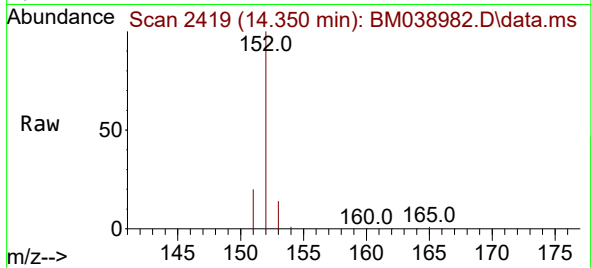




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

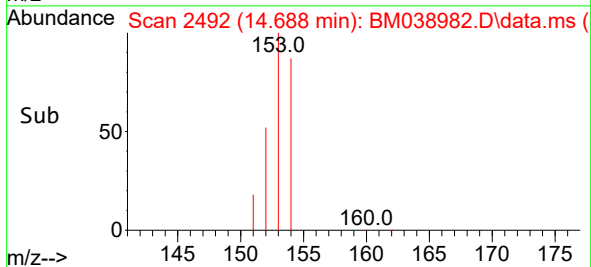
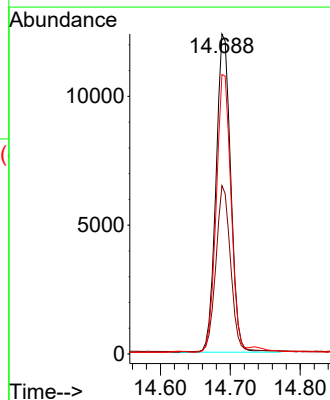
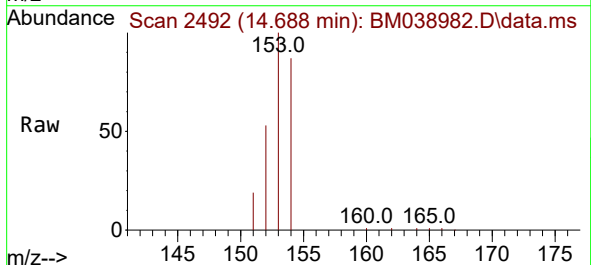
Instrument :
BNA_M
ClientSampleId :
SSTD0.4078

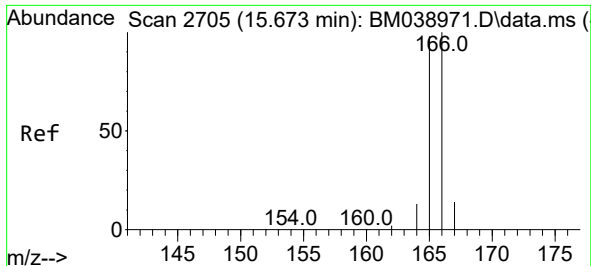
Tgt Ion:152	Resp:	21450
Ion Ratio	Lower	Upper
152	100	
151	19.8	15.6 23.4
153	13.5	10.6 15.8



#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.688 min Scan# 2492
Delta R.T. -0.005 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

Tgt Ion:153	Resp:	18105
Ion Ratio	Lower	Upper
153	100	
152	52.6	44.2 66.2
154	87.3	70.6 105.8

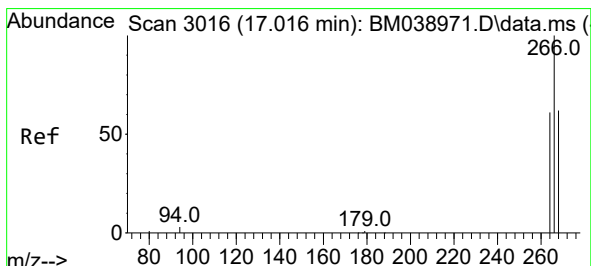
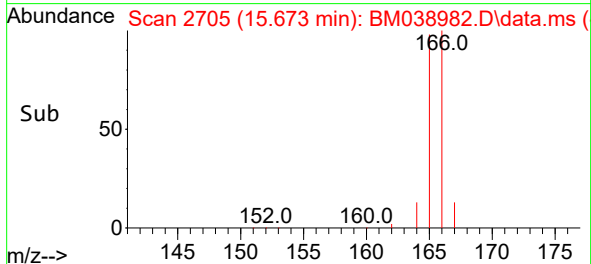
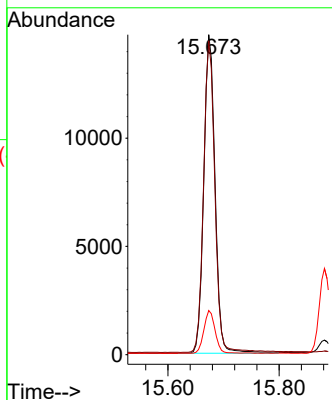
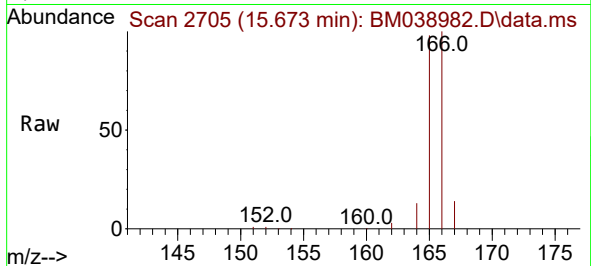




#12
 Fluorene
 Concen: 0.396 ng/ul
 RT: 15.673 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM038982.D
 Acq: 10 Mar 2023 16:19

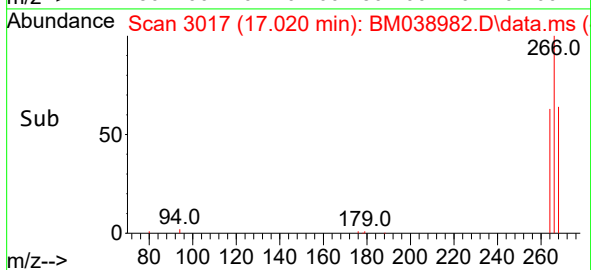
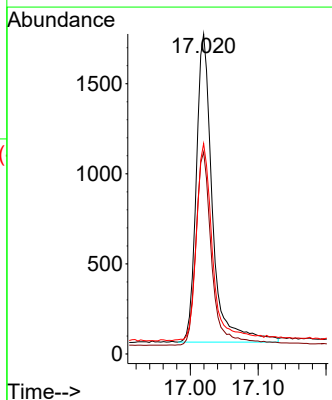
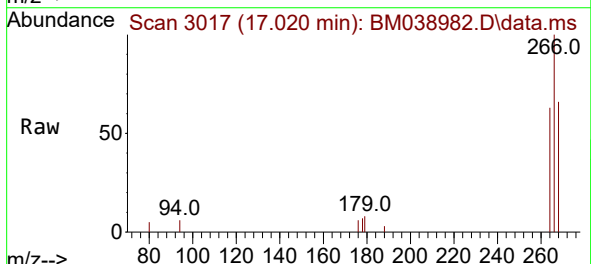
Instrument :
 BNA_M
 ClientSampleId :
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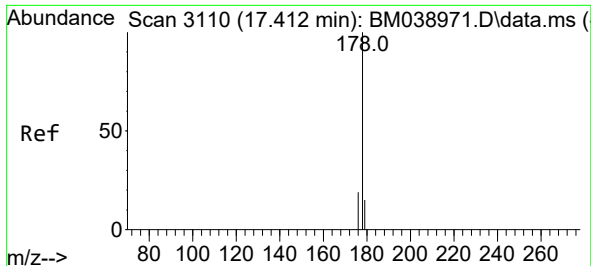
Tgt Ion:166 Resp: 20824
 Ion Ratio Lower Upper
 166 100
 165 98.1 77.8 116.6
 167 13.8 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.345 ng/ul
 RT: 17.020 min Scan# 3017
 Delta R.T. -0.000 min
 Lab File: BM038982.D
 Acq: 10 Mar 2023 16:19

Tgt Ion:266 Resp: 2836
 Ion Ratio Lower Upper
 266 100
 264 62.1 50.2 75.2
 268 64.4 50.2 75.4

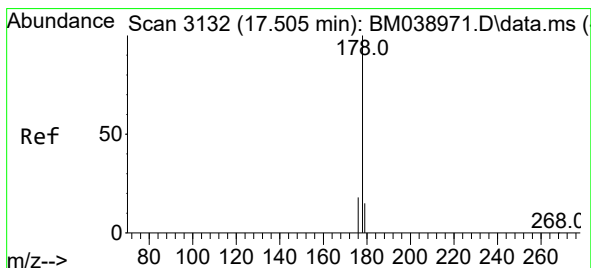
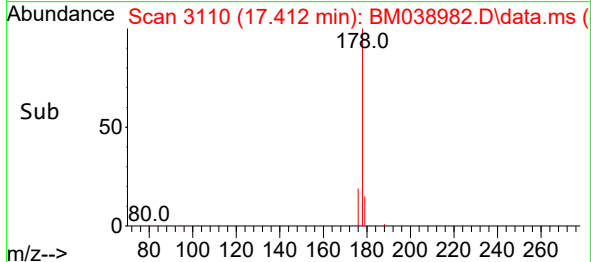
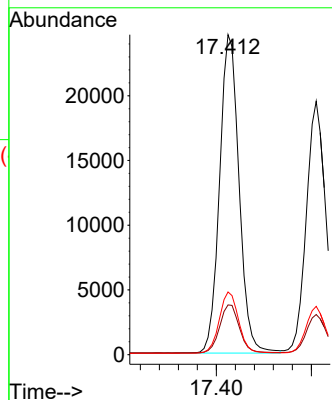
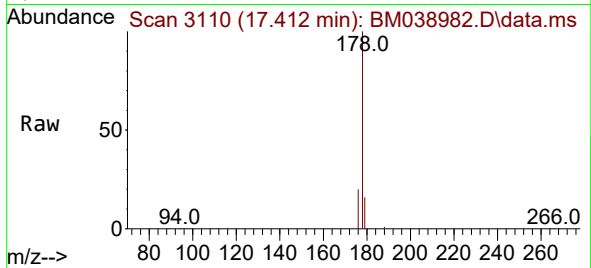




#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.412 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

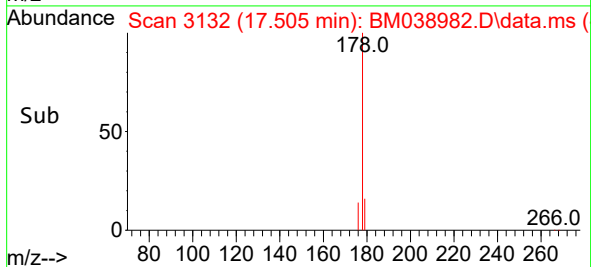
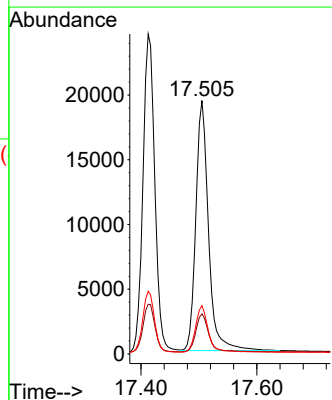
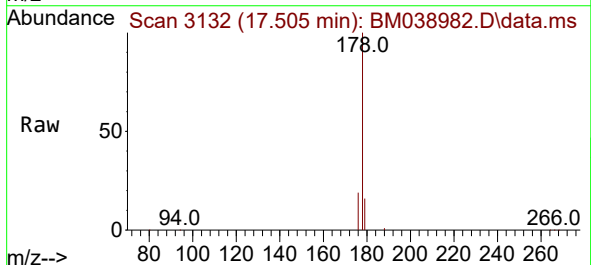
Instrument :
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ClientSampleId :
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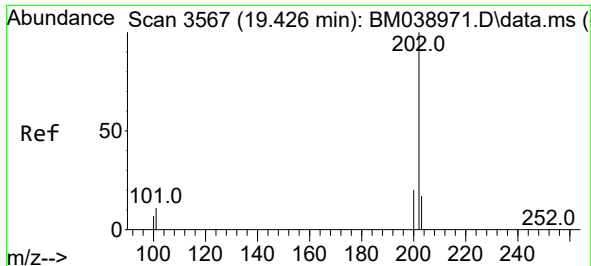
Tgt Ion:	178	Resp:	35067
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.7	19.1
176	19.6	15.9	23.9



#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.505 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

Tgt Ion:	178	Resp:	29392
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.6
176	19.1	15.4	23.2

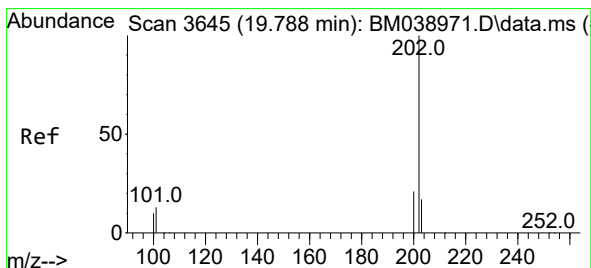
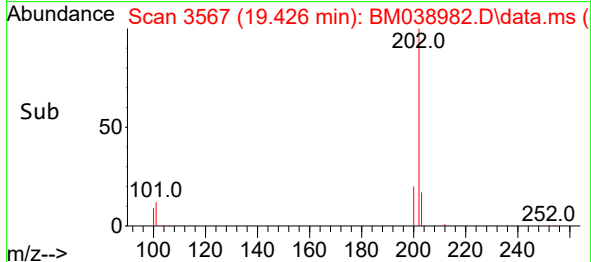
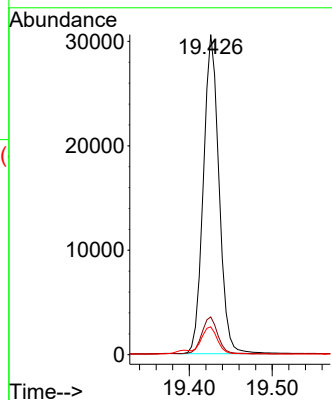
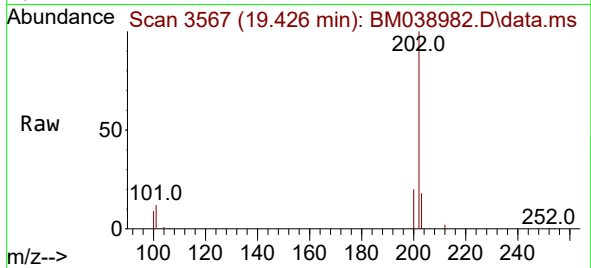




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.426 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

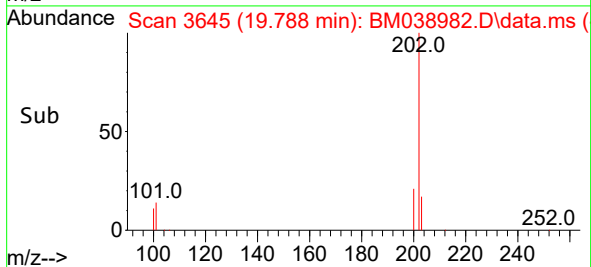
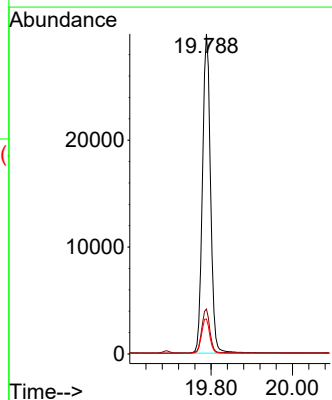
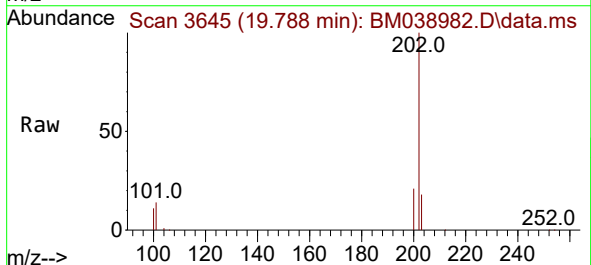
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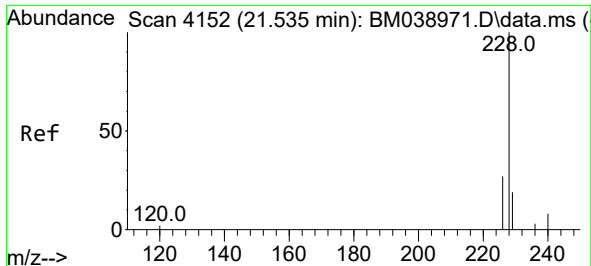
Tgt Ion:202 Resp: 40239
Ion Ratio Lower Upper
202 100
101 11.8 8.9 13.3
100 8.7 6.8 10.2



#20
Pyrene
Concen: 0.377 ng/ul
RT: 19.788 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

Tgt Ion:202 Resp: 41077
Ion Ratio Lower Upper
202 100
101 14.0 11.2 16.8
100 10.9 9.0 13.6

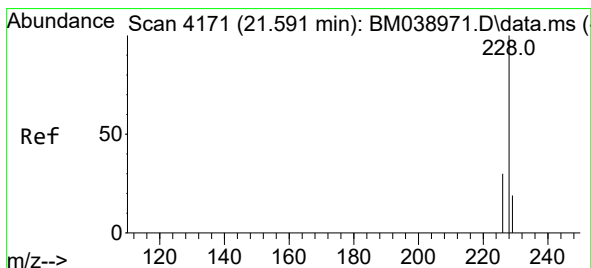
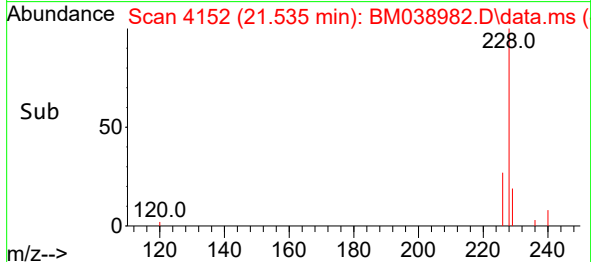
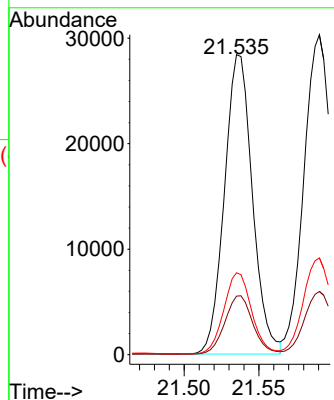
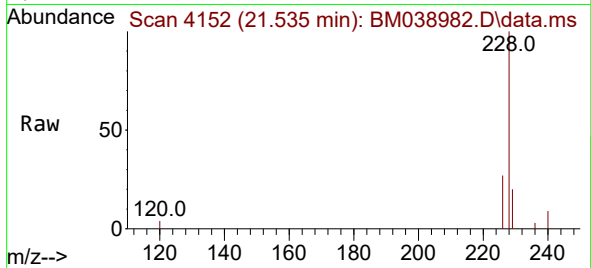




#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.535 min Scan# 4152
Delta R.T. -0.003 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

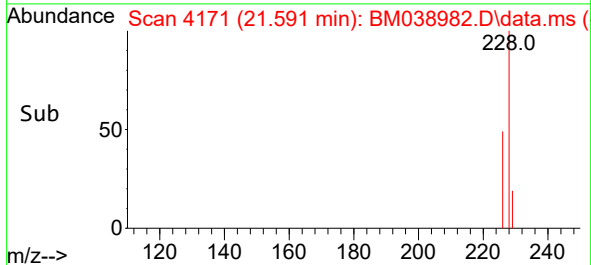
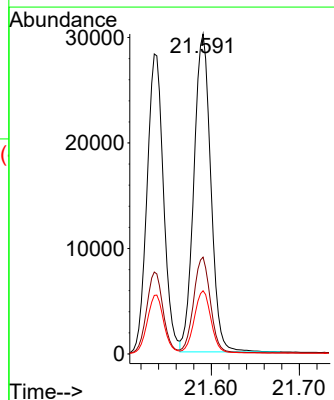
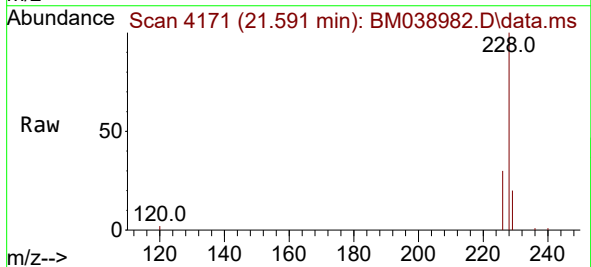
Instrument :
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SSTD0.4078

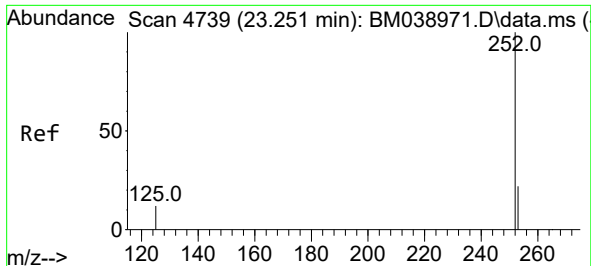
Tgt Ion:	228	Resp:	36961
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.6	23.4
226	27.3	22.0	33.0



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.591 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

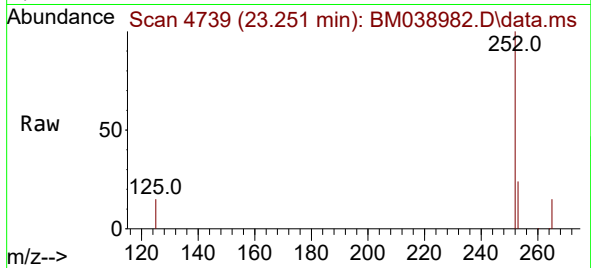
Tgt Ion:	228	Resp:	40237
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.0	36.0
229	19.7	15.7	23.5



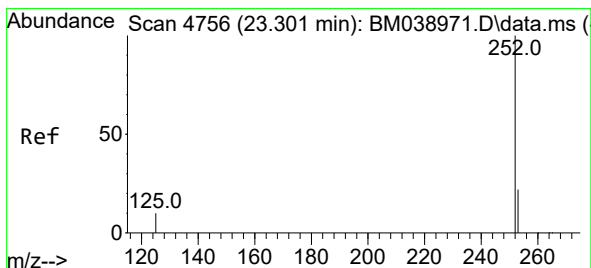
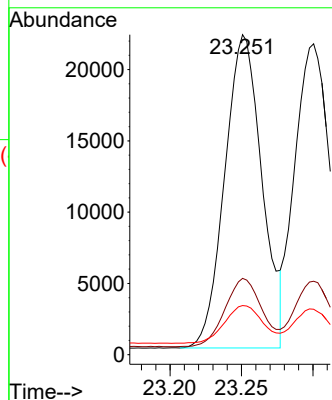


#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.251 min Scan# 4739
Delta R.T. -0.000 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.4078

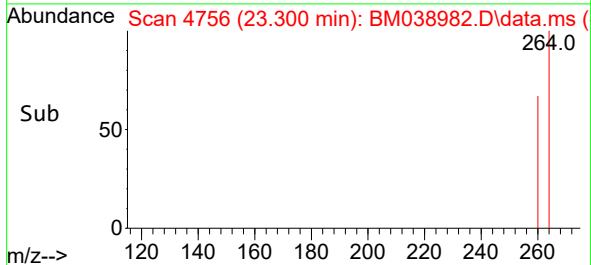
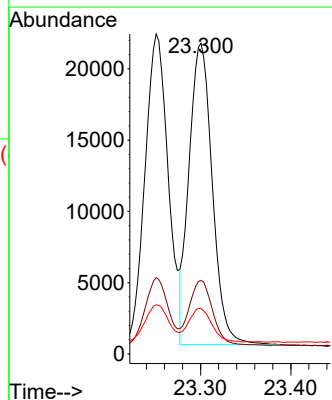
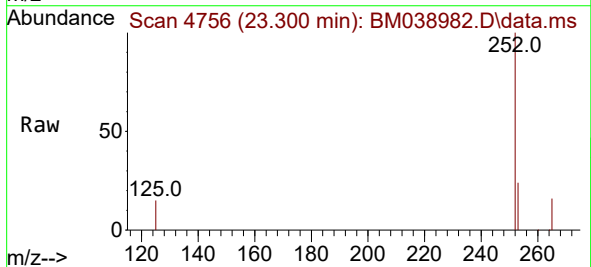


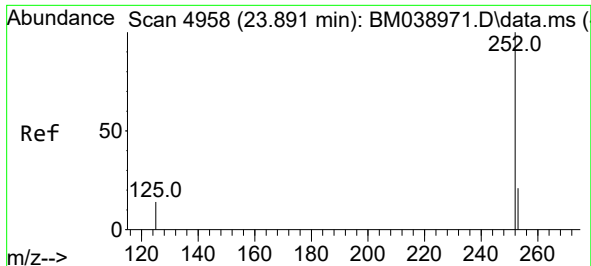
Tgt Ion:252 Resp: 39831
Ion Ratio Lower Upper
252 100
253 23.8 0.0 47.6
125 15.4 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 23.300 min Scan# 4756
Delta R.T. -0.000 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

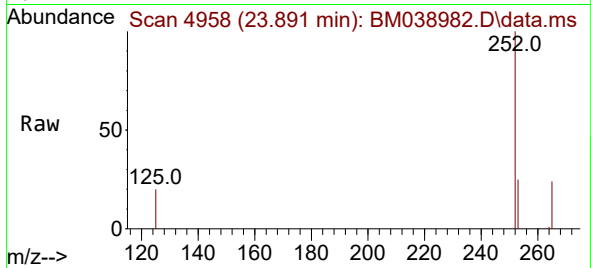
Tgt Ion:252 Resp: 37791
Ion Ratio Lower Upper
252 100
253 23.7 19.2 28.8
125 14.6 11.8 17.6



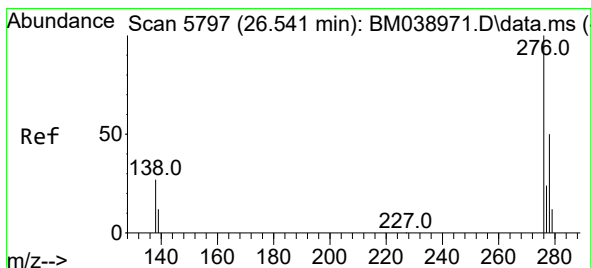
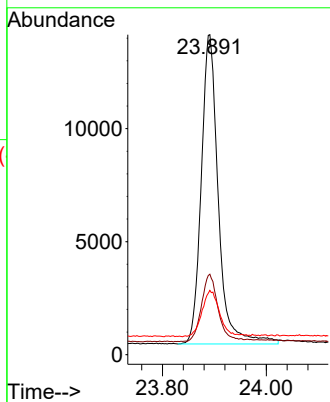
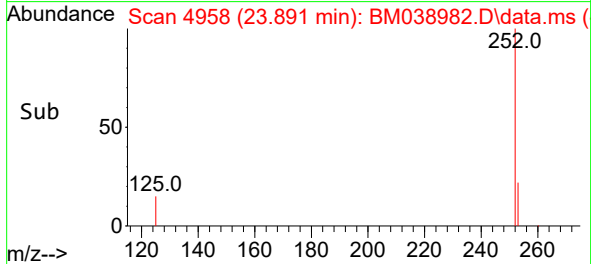


#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.891 min Scan# 4958
Delta R.T. 0.003 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.4078

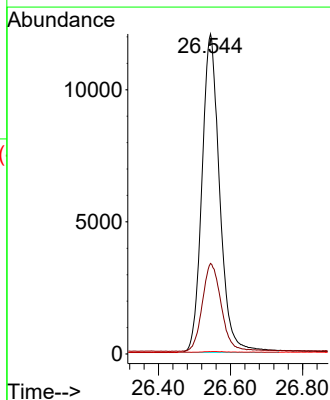
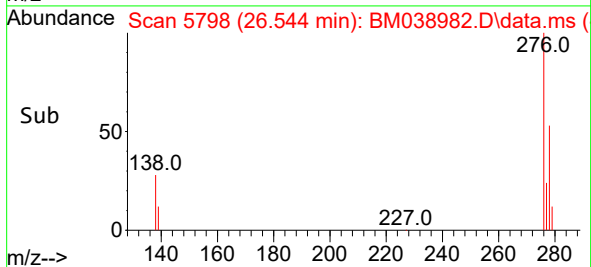
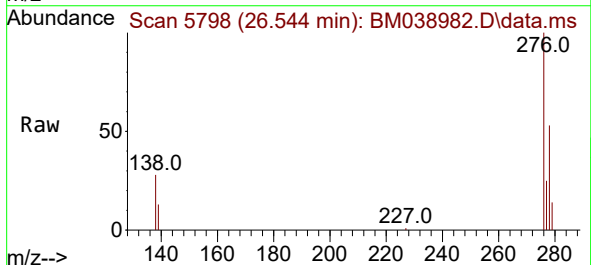


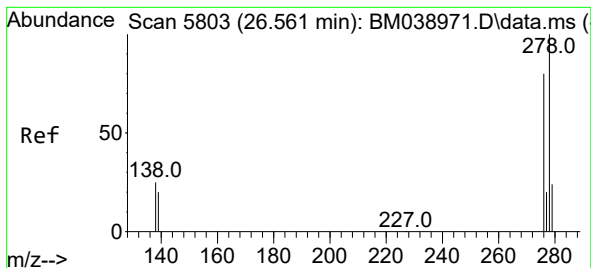
Tgt Ion:252 Resp: 31224
Ion Ratio Lower Upper
252 100
253 25.1 20.3 30.5
125 20.1 14.0 21.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng/ul
RT: 26.544 min Scan# 5798
Delta R.T. -0.000 min
Lab File: BM038982.D
Acq: 10 Mar 2023 16:19

Tgt Ion:276 Resp: 41266
Ion Ratio Lower Upper
276 100
138 29.7 22.2 33.4
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.429 ng/ul

RT: 26.564 min Scan# 5803

Delta R.T. -0.004 min

Lab File: BM038982.D

Acq: 10 Mar 2023 16:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.4078

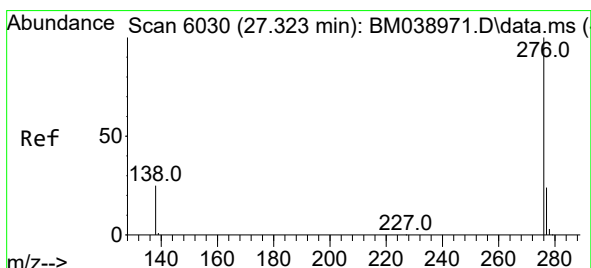
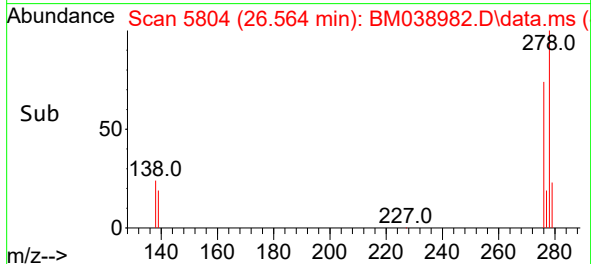
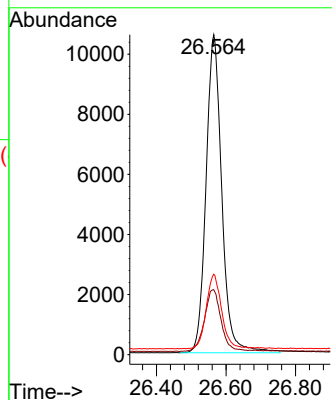
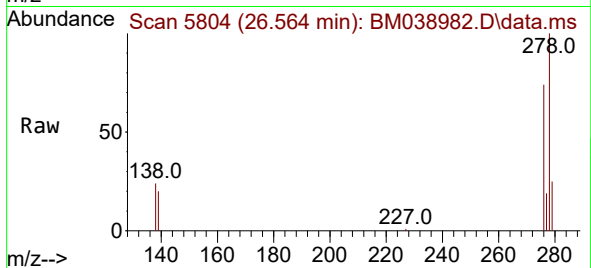
Tgt Ion:278 Resp: 33321

Ion Ratio Lower Upper

278 100

139 20.3 16.0 24.0

279 25.1 21.8 32.6



#29

Benzo(g,h,i)perylene

Concen: 0.359 ng/ul

RT: 27.326 min Scan# 6031

Delta R.T. -0.000 min

Lab File: BM038982.D

Acq: 10 Mar 2023 16:19

Tgt Ion:276 Resp: 34081

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.4

277 24.4 19.8 29.8

