

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020823\
 Data File : BM038711.D
 Acq On : 08 Feb 2023 09:14
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4070

Quant Time: Feb 08 23:54:55 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 14:57:50 2023
 Response via : Initial Calibration

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

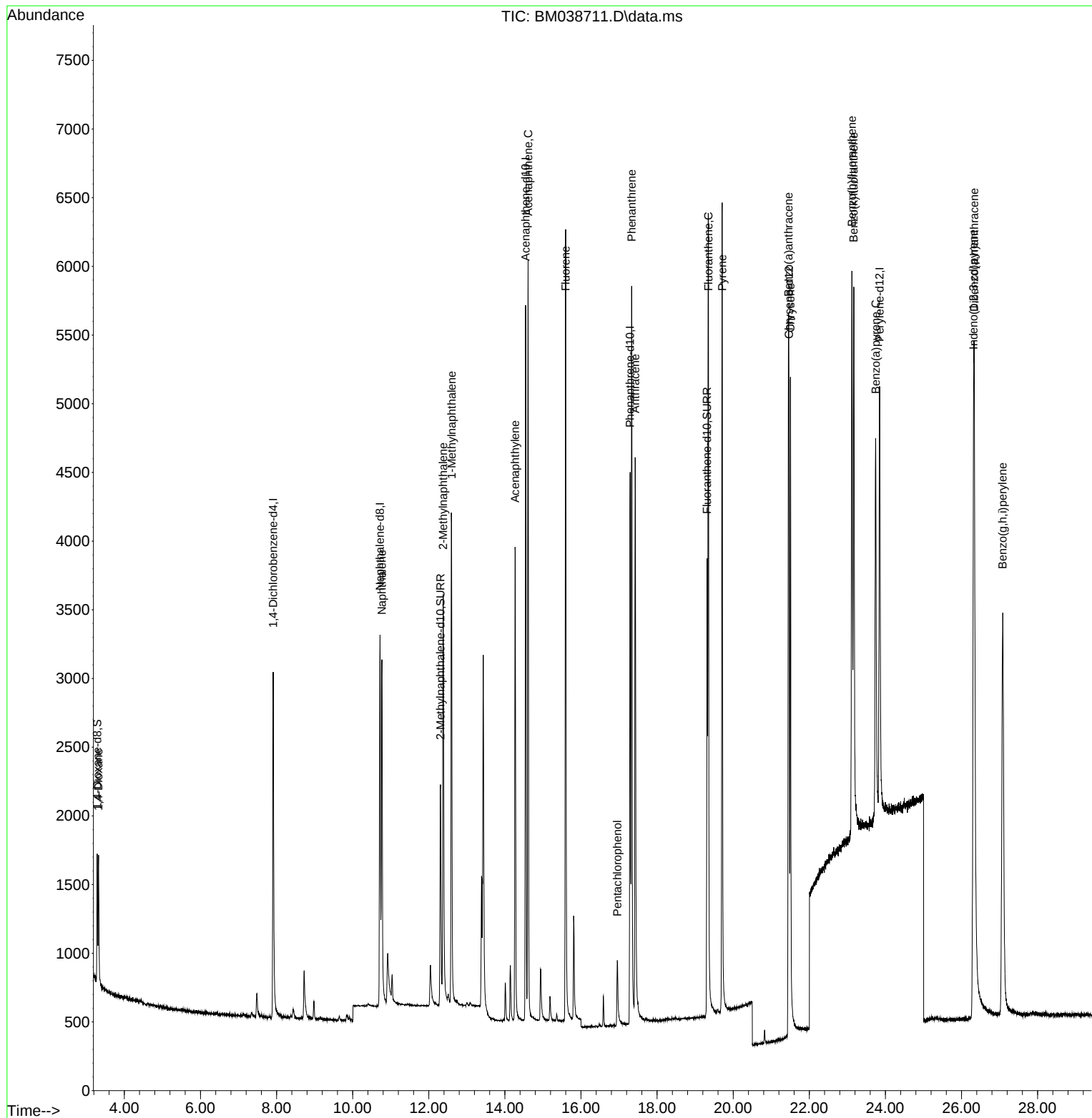
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	1640	0.400	ng/ul	0.00
4) Naphthalene-d8	10.719	136	4269	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.546	164	2897	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	5547	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	3594	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	4565	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	663	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	2566	0.347	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	4197	0.400	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	647	0.392	ng/ul	95
5) Naphthalene	10.768	128	3723	0.356	ng/ul	99
7) 2-Methylnaphthalene	12.379	142	2588	0.346	ng/ul	99
8) 1-Methylnaphthalene	12.599	142	2688	0.351	ng/ul	98
10) Acenaphthylene	14.268	152	4254	0.345	ng/ul	98
11) Acenaphthene	14.611	153	3309	0.353	ng/ul	100
12) Fluorene	15.596	166	3914	0.349	ng/ul	99
14) Pentachlorophenol	16.957	266	482	0.313	ng/ul	97
15) Phenanthrene	17.333	178	5893	0.356	ng/ul	99
16) Anthracene	17.426	178	5326	0.350	ng/ul	99
19) Fluoranthene	19.348	202	5691	0.400	ng/ul	98
20) Pyrene	19.710	202	5926	0.390	ng/ul	100
21) Benzo(a)anthracene	21.451	228	4094	0.340	ng/ul	99
22) Chrysene	21.504	228	4362	0.347	ng/ul	98
24) Benzo(b)fluoranthene	23.120	252	5677	0.345	ng/ul	98
25) Benzo(k)fluoranthene	23.167	252	5807	0.355	ng/ul	99
26) Benzo(a)pyrene	23.743	252	5212	0.354	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.317	276	8044	0.350	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.334	278	6297	0.349	ng/ul	97
29) Benzo(g,h,i)perylene	27.082	276	7375	0.359	ng/ul	99

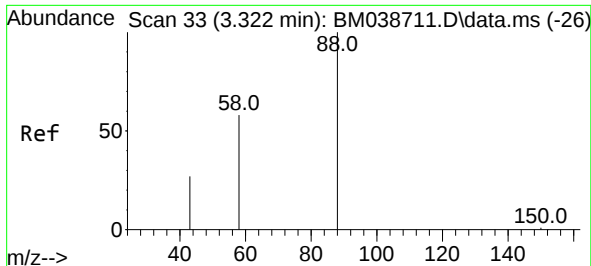
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Feb 08 23:54:55 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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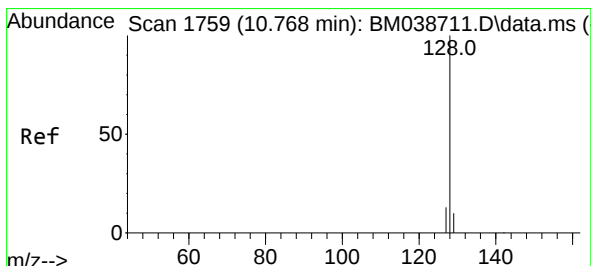
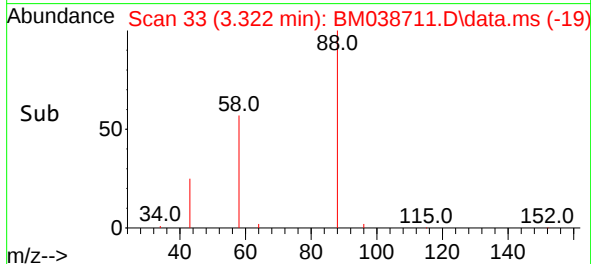
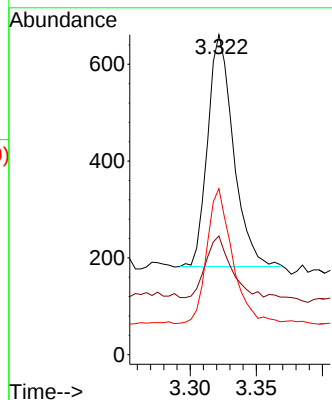
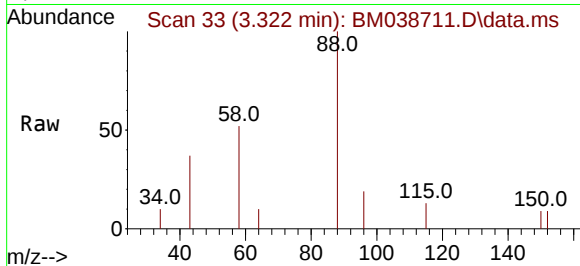




#2
1,4-Dioxane
Concen: 0.392 ng/ul
RT: 3.322 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038711.D
Acq: 08 Feb 2023 09:14

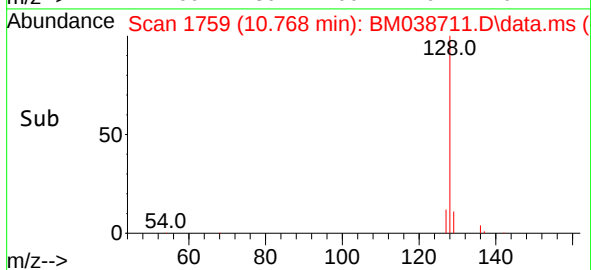
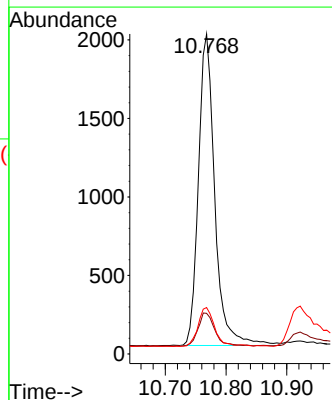
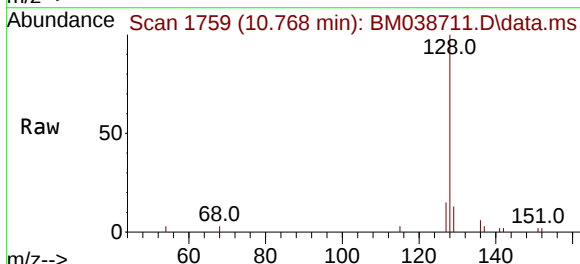
Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

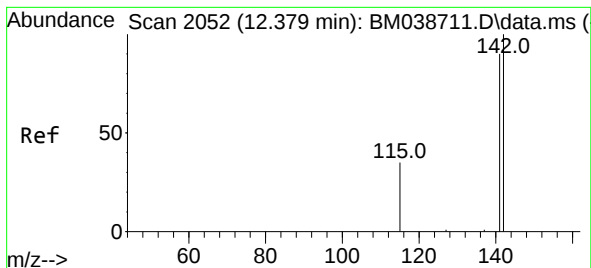
Tgt Ion: 88 Resp: 647
Ion Ratio Lower Upper
88 100
43 37.1 28.4 42.6
58 51.9 37.7 56.5



#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.768 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM038711.D
Acq: 08 Feb 2023 09:14

Tgt Ion: 128 Resp: 3723
Ion Ratio Lower Upper
128 100
129 12.7 10.2 15.4
127 14.5 11.2 16.8

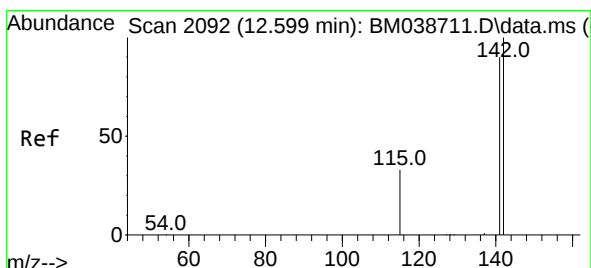
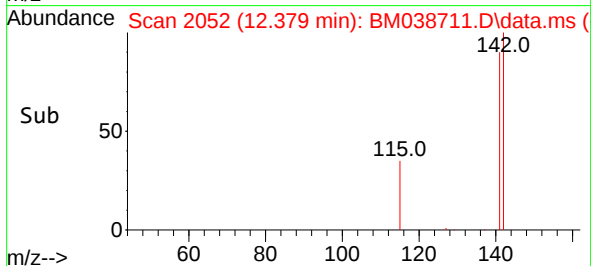
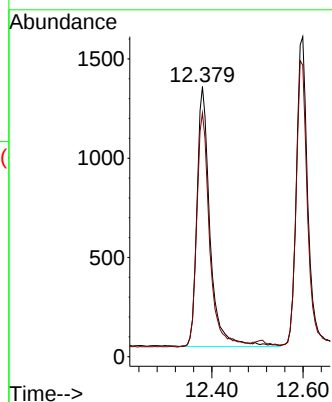
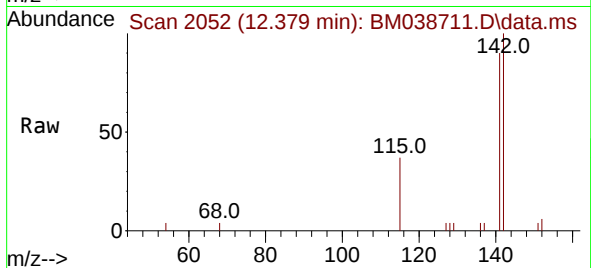




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.379 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM038711.D
Acq: 08 Feb 2023 09:14

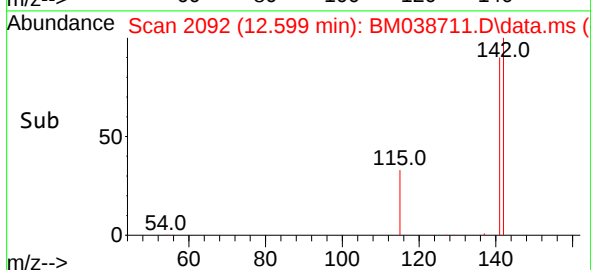
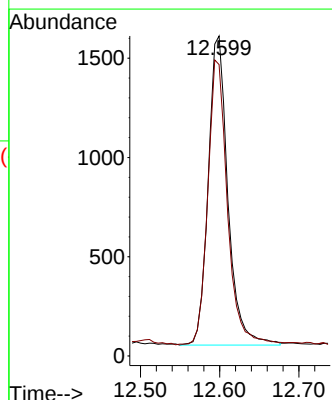
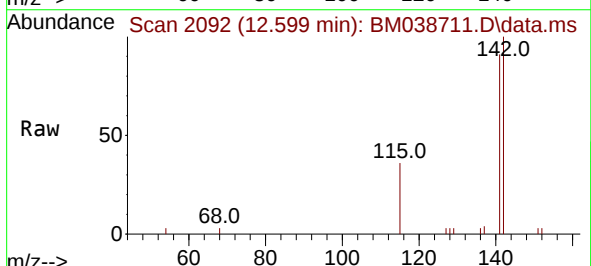
Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

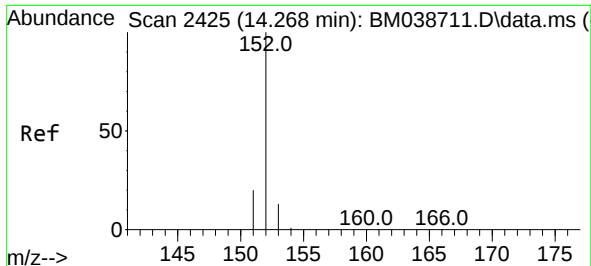
Tgt Ion:142 Resp: 2588
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.599 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM038711.D
Acq: 08 Feb 2023 09:14

Tgt Ion:142 Resp: 2688
Ion Ratio Lower Upper
142 100
141 91.0 74.6 112.0

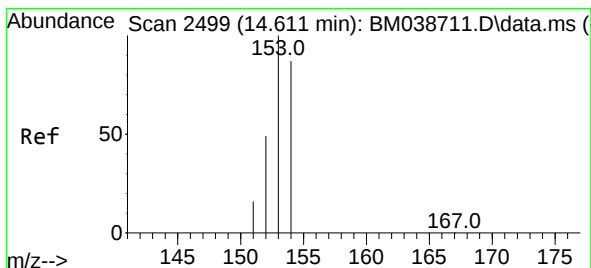
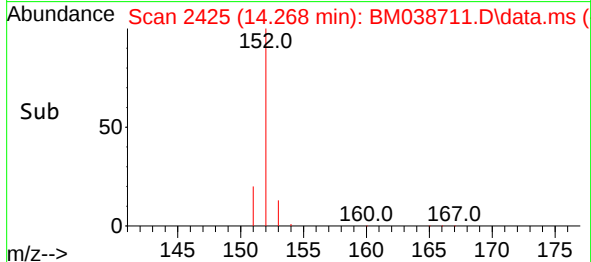
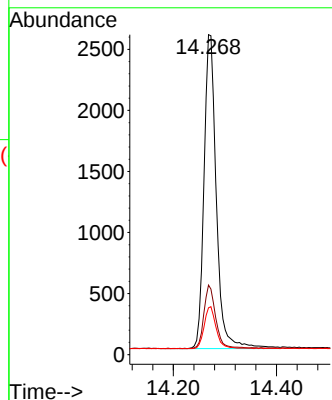
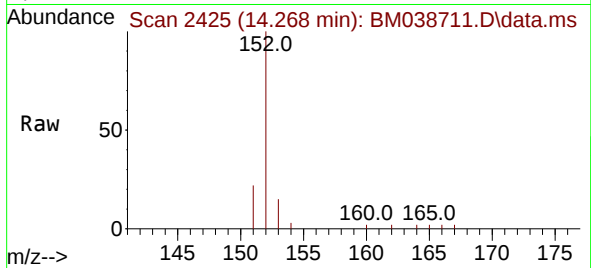




#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 14.268 min Scan# 2425
Delta R.T. -0.005 min
Lab File: BM038711.D
Acq: 08 Feb 2023 09:14

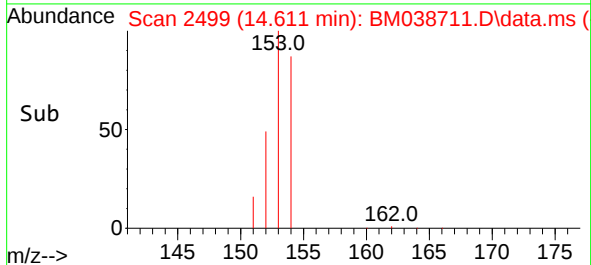
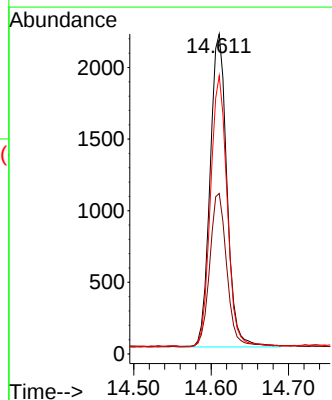
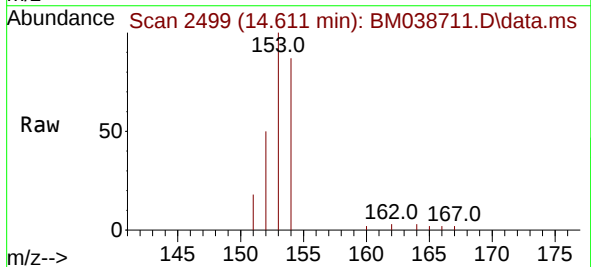
Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

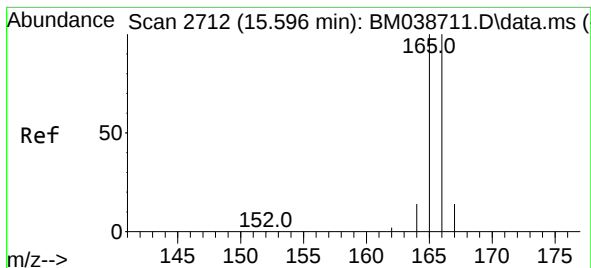
Tgt Ion:152 Resp: 4254
Ion Ratio Lower Upper
152 100
151 21.7 16.5 24.7
153 14.6 11.2 16.8



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.611 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BM038711.D
Acq: 08 Feb 2023 09:14

Tgt Ion:153 Resp: 3309
Ion Ratio Lower Upper
153 100
152 50.1 39.6 59.4
154 86.9 69.6 104.4





#12

Fluorene

Concen: 0.349 ng/ul

RT: 15.596 min Scan# 2712

Delta R.T. 0.000 min

Lab File: BM038711.D

Acq: 08 Feb 2023 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD0.4070

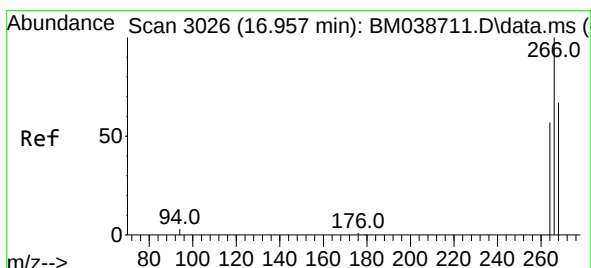
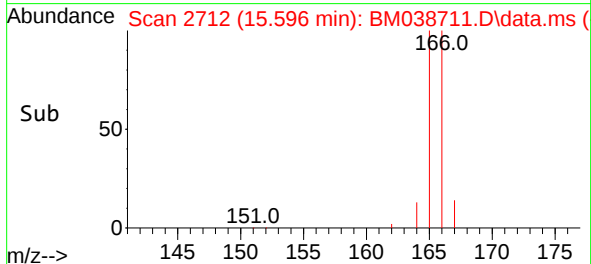
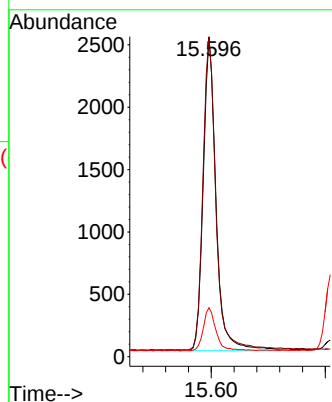
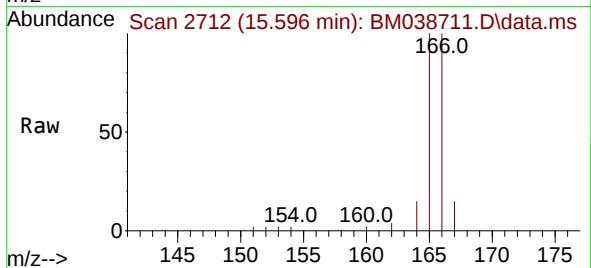
Tgt Ion:166 Resp: 3914

Ion Ratio Lower Upper

166 100

165 100.4 80.7 121.1

167 15.3 11.8 17.6



#14

Pentachlorophenol

Concen: 0.313 ng/ul

RT: 16.957 min Scan# 3026

Delta R.T. 0.000 min

Lab File: BM038711.D

Acq: 08 Feb 2023 09:14

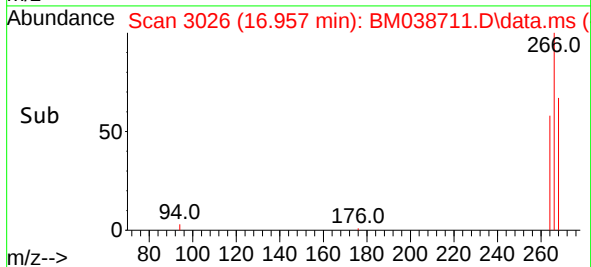
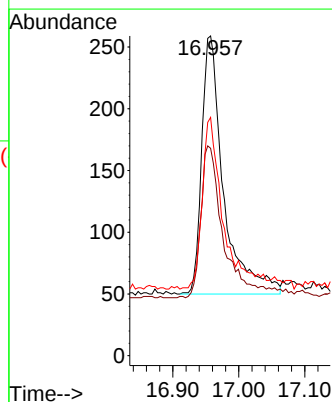
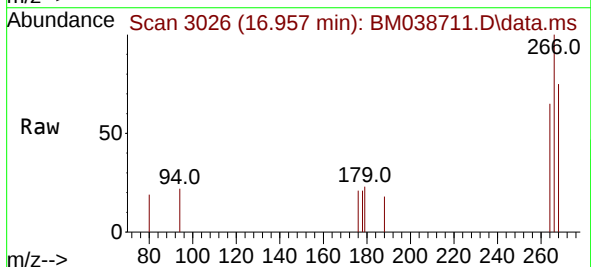
Tgt Ion:266 Resp: 482

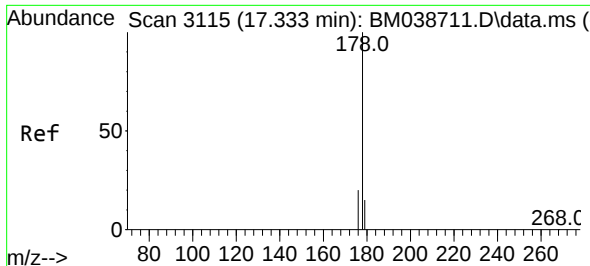
Ion Ratio Lower Upper

266 100

264 61.8 47.3 70.9

268 61.8 50.9 76.3

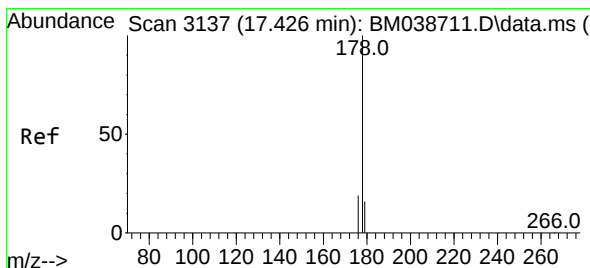
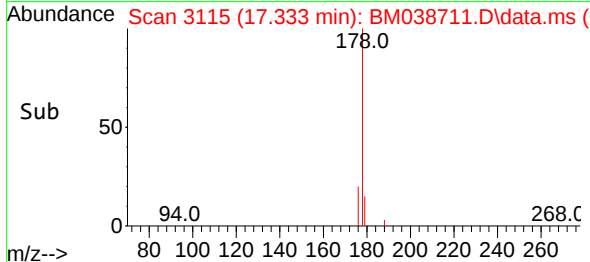
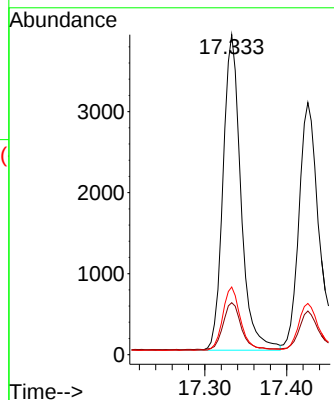
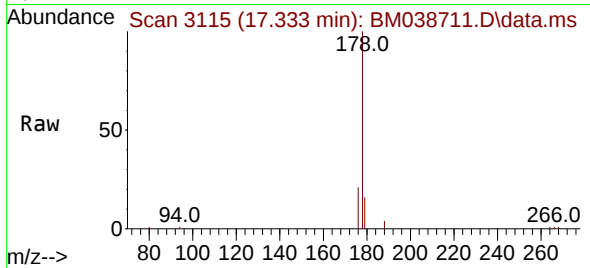




#15
Phenanthrene
Concen: 0.356 ng/u1
RT: 17.333 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM038711.D
Acq: 08 Feb 2023 09:14

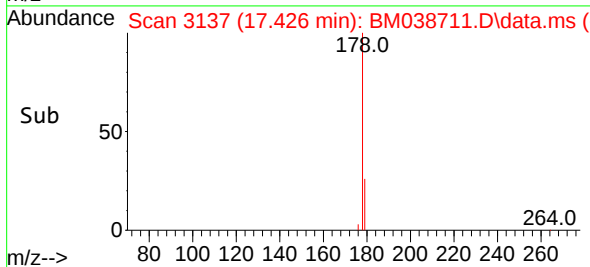
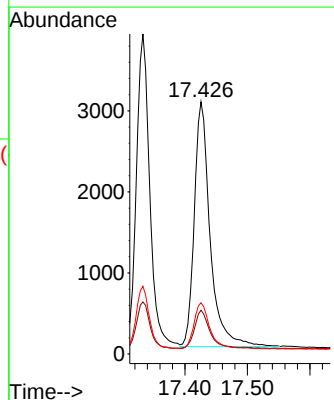
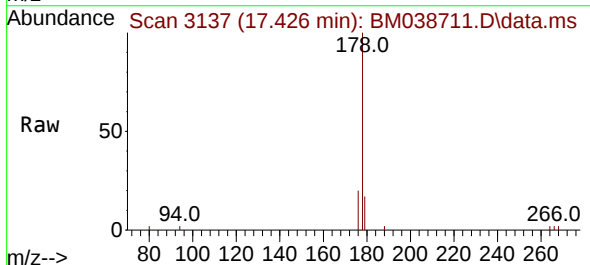
Instrument :
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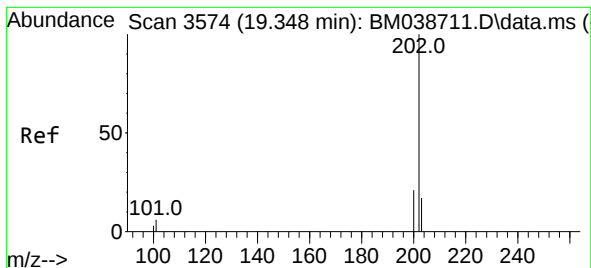
Tgt Ion:178 Resp: 5893
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 21.1 16.5 24.7



#16
Anthracene
Concen: 0.350 ng/u1
RT: 17.426 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM038711.D
Acq: 08 Feb 2023 09:14

Tgt Ion:178 Resp: 5326
Ion Ratio Lower Upper
178 100
179 17.3 13.2 19.8
176 20.3 16.6 24.8





#19

Fluoranthene

Concen: 0.400 ng/u1

RT: 19.348 min Scan# 3574

Delta R.T. 0.000 min

Lab File: BM038711.D

Acq: 08 Feb 2023 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD0.4070

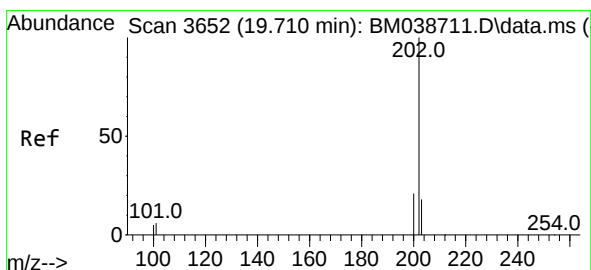
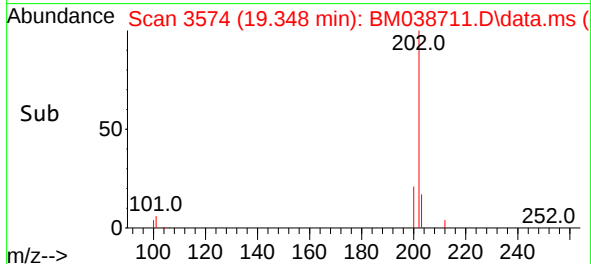
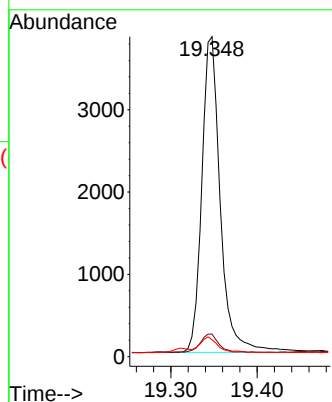
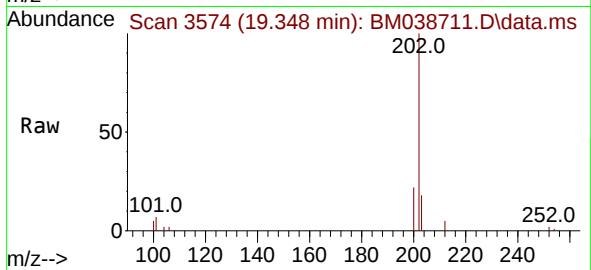
Tgt Ion:202 Resp: 5691

Ion Ratio Lower Upper

202 100

101 7.0 5.0 7.6

100 5.3 4.6 6.8



#20

Pyrene

Concen: 0.390 ng/u1

RT: 19.710 min Scan# 3652

Delta R.T. 0.000 min

Lab File: BM038711.D

Acq: 08 Feb 2023 09:14

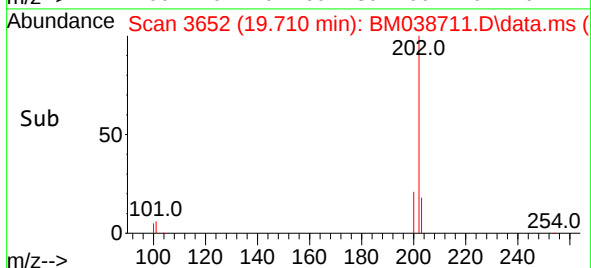
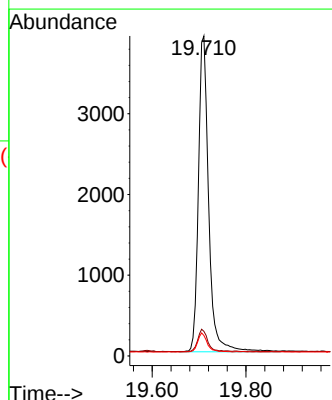
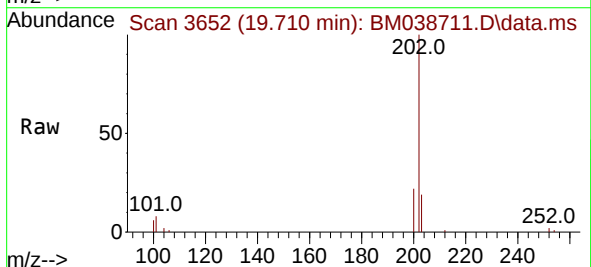
Tgt Ion:202 Resp: 5926

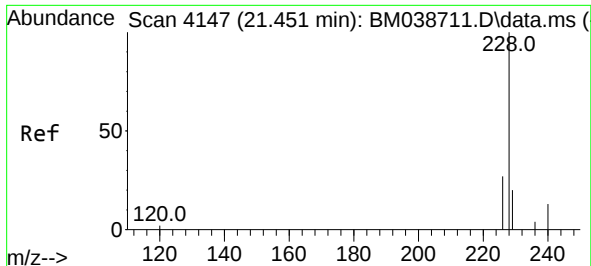
Ion Ratio Lower Upper

202 100

101 7.7 6.2 9.2

100 6.4 5.2 7.8

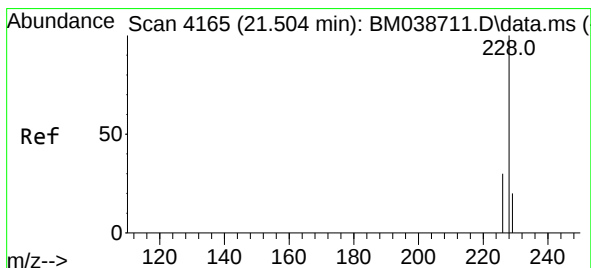
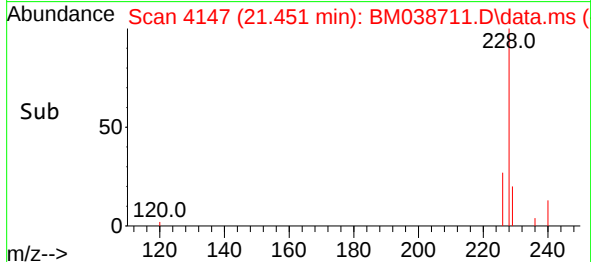
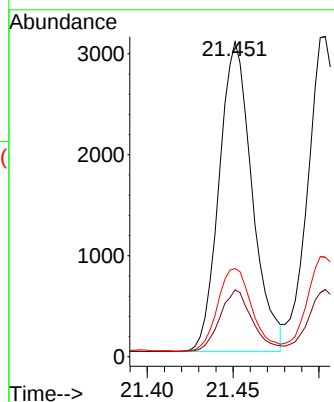
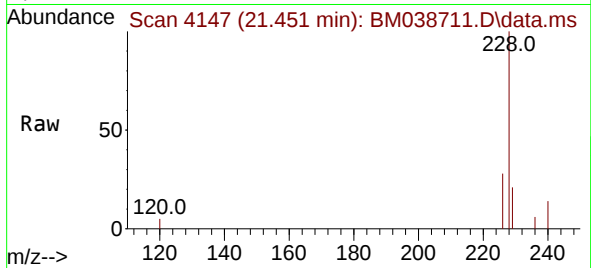




#21
Benzo(a)anthracene
Concen: 0.340 ng/ul
RT: 21.451 min Scan# 4147
Delta R.T. -0.003 min
Lab File: BM038711.D
Acq: 08 Feb 2023 09:14

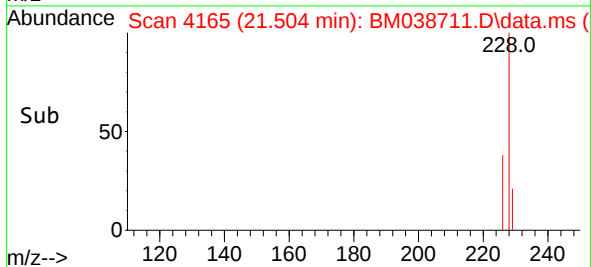
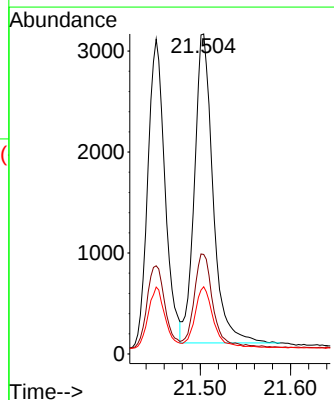
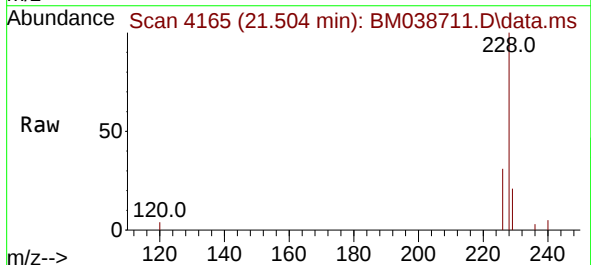
Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

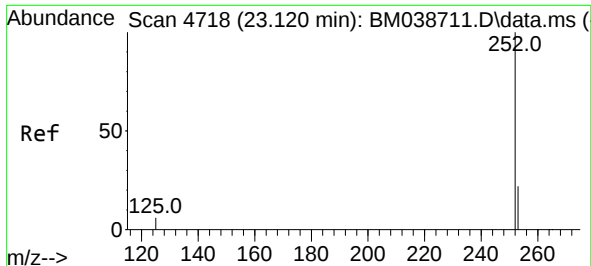
Tgt Ion:228 Resp: 4094
Ion Ratio Lower Upper
228 100
229 21.2 17.0 25.6
226 28.0 23.0 34.6



#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM038711.D
Acq: 08 Feb 2023 09:14

Tgt Ion:228 Resp: 4362
Ion Ratio Lower Upper
228 100
226 31.1 25.4 38.0
229 21.0 16.0 24.0

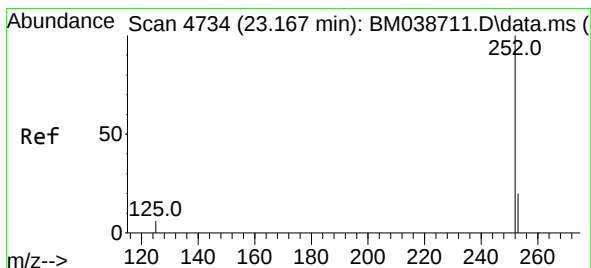
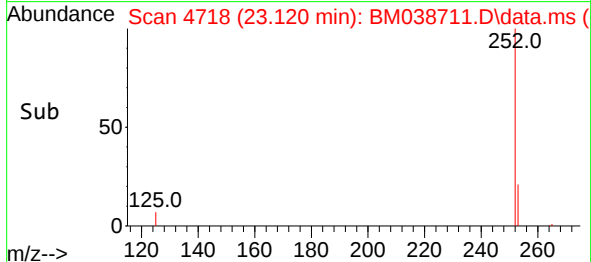
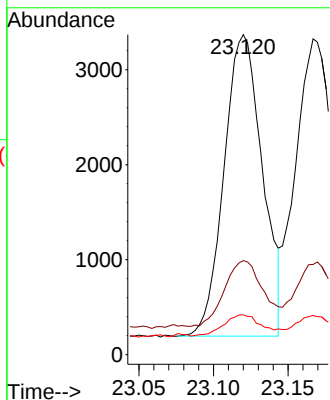
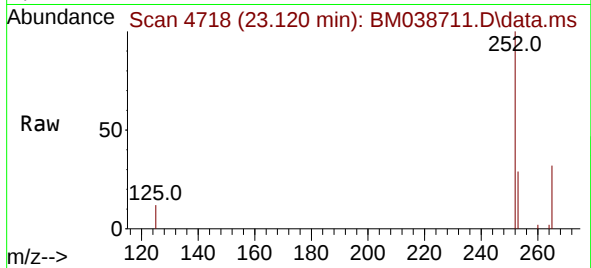




#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 23.120 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM038711.D
Acq: 08 Feb 2023 09:14

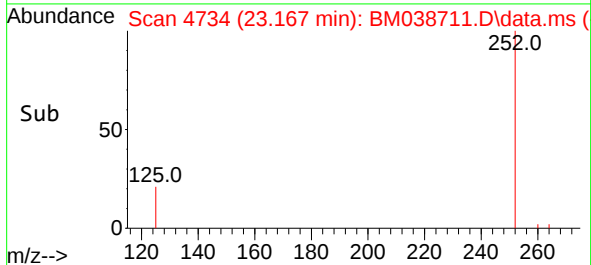
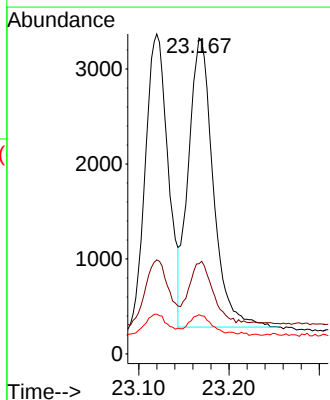
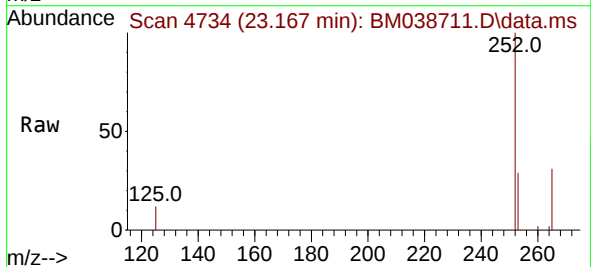
Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

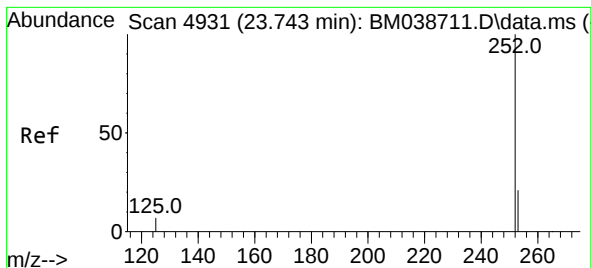
Tgt Ion:252 Resp: 5677
Ion Ratio Lower Upper
252 100
253 29.4 0.0 56.4
125 12.4 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 23.167 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM038711.D
Acq: 08 Feb 2023 09:14

Tgt Ion:252 Resp: 5807
Ion Ratio Lower Upper
252 100
253 28.6 23.0 34.6
125 12.4 9.4 14.0





#26

Benzo(a)pyrene

Concen: 0.354 ng/ul

RT: 23.743 min Scan# 4931

Delta R.T. -0.003 min

Lab File: BM038711.D

Acq: 08 Feb 2023 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD0.4070

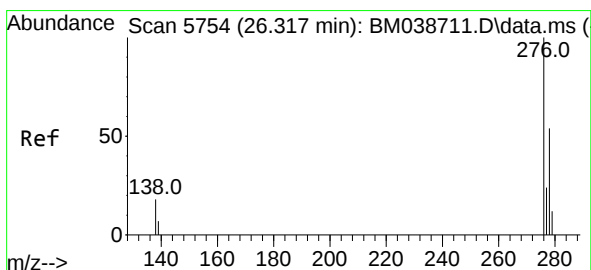
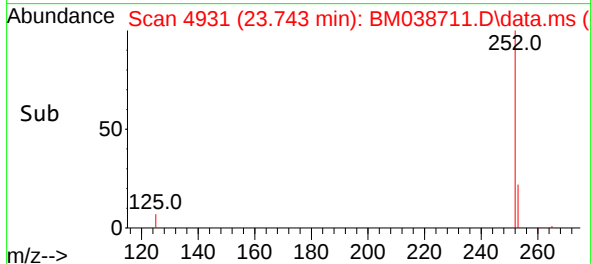
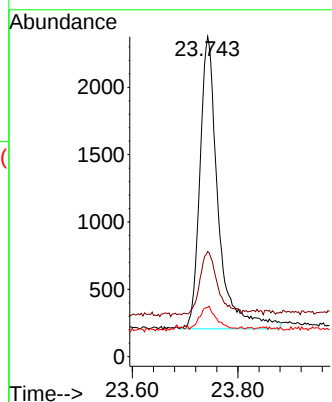
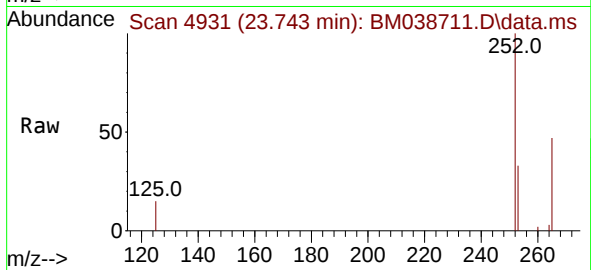
Tgt Ion:252 Resp: 5212

Ion Ratio Lower Upper

252 100

253 32.9 25.2 37.8

125 15.4 11.4 17.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.350 ng/ul

RT: 26.317 min Scan# 5754

Delta R.T. -0.010 min

Lab File: BM038711.D

Acq: 08 Feb 2023 09:14

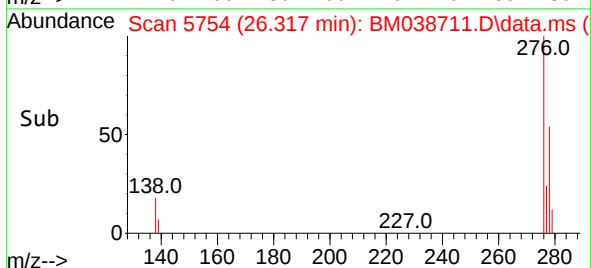
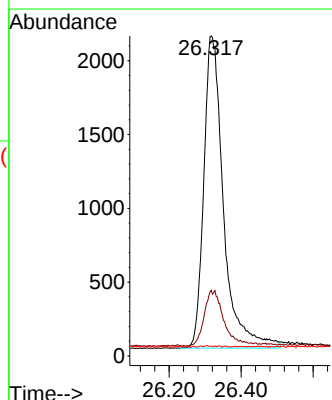
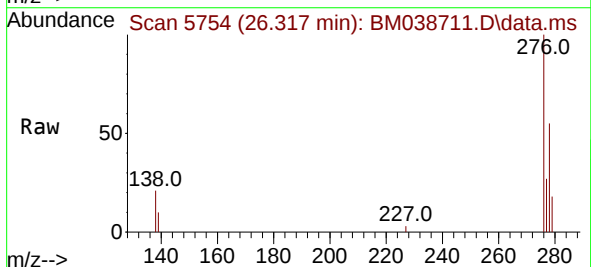
Tgt Ion:276 Resp: 8044

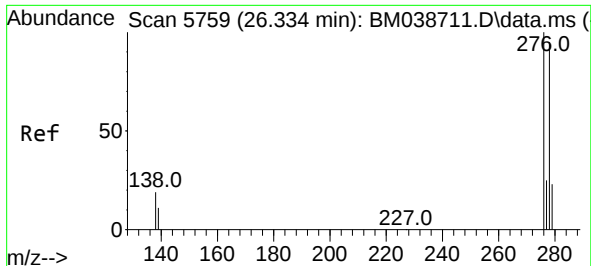
Ion Ratio Lower Upper

276 100

138 18.3 13.5 20.3

227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.349 ng/ul

RT: 26.334 min Scan# 51

Delta R.T. -0.007 min

Lab File: BM038711.D

Acq: 08 Feb 2023 09:14

Instrument :

BNA_M

ClientSampleId :

SSTD0.4070

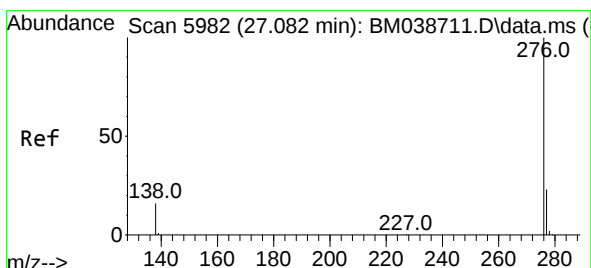
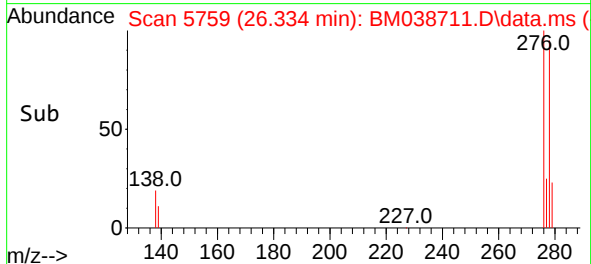
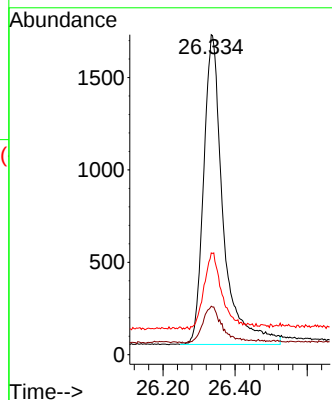
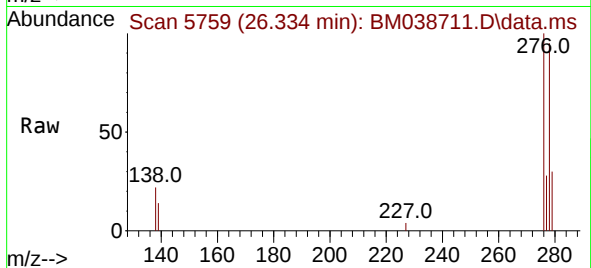
Tgt Ion:278 Resp: 6297

Ion Ratio Lower Upper

278 100

139 15.1 11.2 16.8

279 31.8 23.8 35.8



#29

Benzo(g,h,i)perylene

Concen: 0.359 ng/ul

RT: 27.082 min Scan# 5982

Delta R.T. -0.007 min

Lab File: BM038711.D

Acq: 08 Feb 2023 09:14

Tgt Ion:276 Resp: 7375

Ion Ratio Lower Upper

276 100

138 18.6 14.5 21.7

277 25.7 20.5 30.7

