

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040984.D
 Acq On : 20 Jul 2023 16:44
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 21:35:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

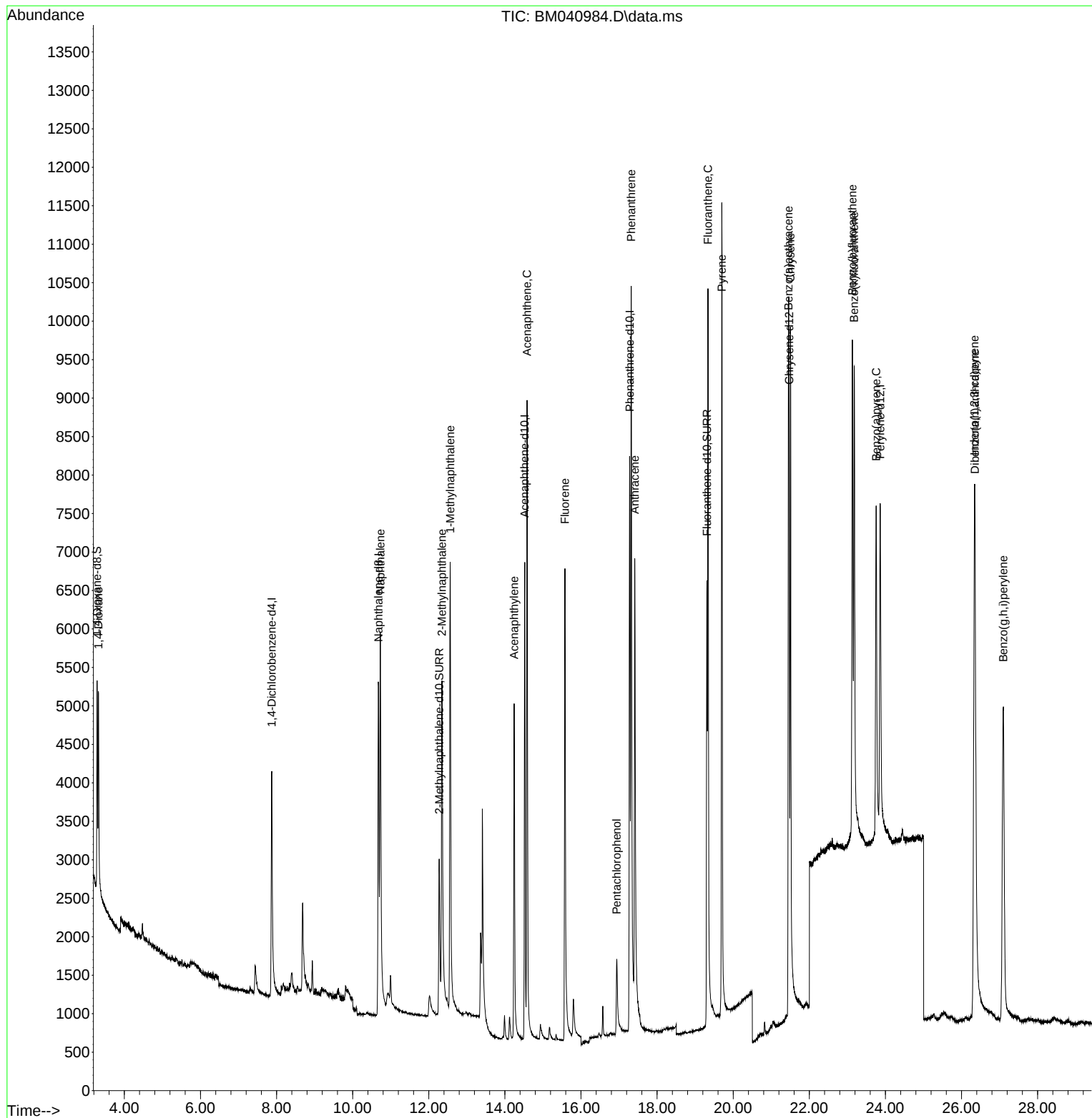
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	2261	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	8035	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	3709	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	10581	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	6003	0.400	ng/ul	0.00
23) Perylene-d12	23.863	264	6612	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	1653	0.445	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	4179	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.310	212	7231	0.286	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	1595	0.408	ng/ul	98
5) Naphthalene	10.730	128	8658	0.394	ng/ul	98
7) 2-Methylnaphthalene	12.346	142	4665	0.387	ng/ul	98
8) 1-Methylnaphthalene	12.566	142	4898	0.382	ng/ul	98
10) Acenaphthylene	14.245	152	6140	0.395	ng/ul	99
11) Acenaphthene	14.583	153	5379	0.393	ng/ul	99
12) Fluorene	15.577	166	5269	0.372	ng/ul	99
14) Pentachlorophenol	16.940	266	1160	0.544	ng/ul	96
15) Phenanthrene	17.320	178	12142	0.384	ng/ul	100
16) Anthracene	17.413	178	8800	0.357	ng/ul	99
19) Fluoranthene	19.338	202	9104	0.294	ng/ul	99
20) Pyrene	19.701	202	10069	0.318	ng/ul	98
21) Benzo(a)anthracene	21.451	228	7872	0.430	ng/ul	98
22) Chrysene	21.504	228	8475	0.405	ng/ul	98
24) Benzo(b)fluoranthene	23.132	252	9084	0.358	ng/ul	98
25) Benzo(k)fluoranthene	23.178	252	8692	0.360	ng/ul	99
26) Benzo(a)pyrene	23.757	252	8176	0.373	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.340	276	11367	0.391	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.354	278	8756	0.398	ng/ul	96
29) Benzo(g,h,i)perylene	27.098	276	10166	0.378	ng/ul	99

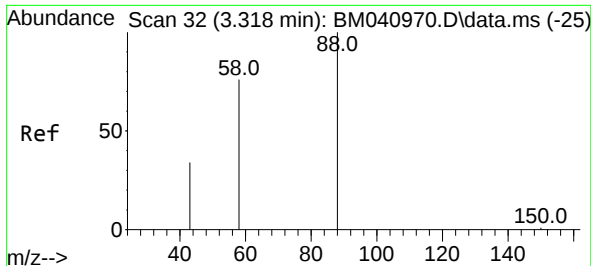
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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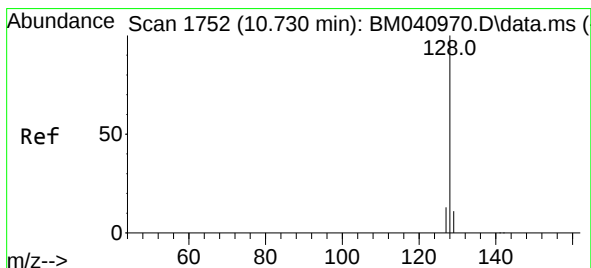
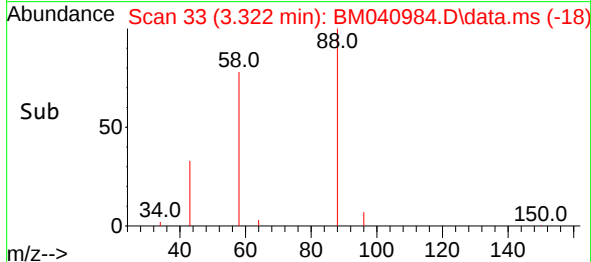
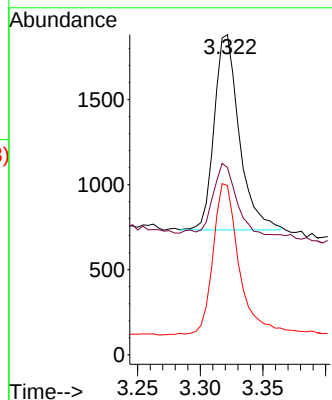
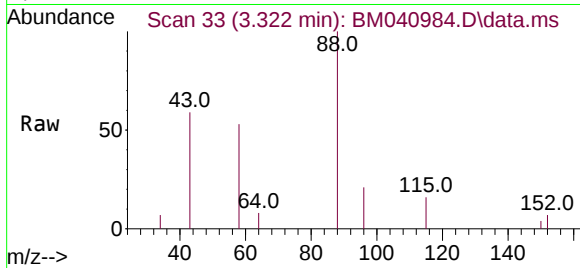




#2
1,4-Dioxane
Concen: 0.408 ng/ul
RT: 3.322 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44

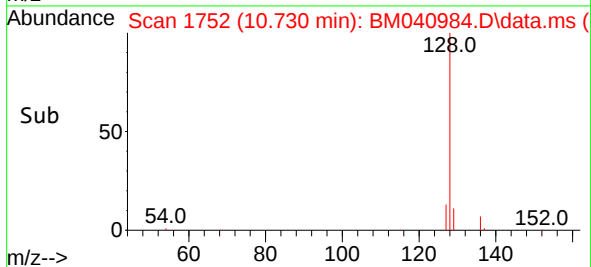
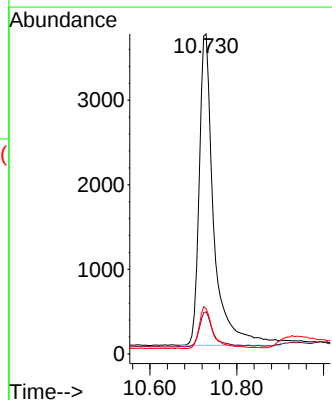
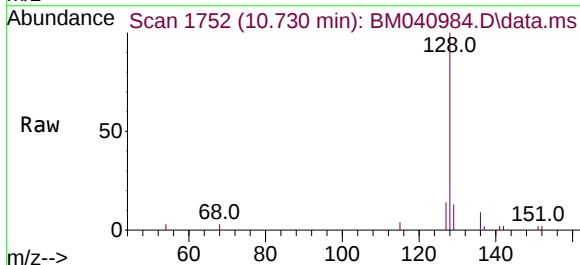
Instrument :
BNA_M
ClientSampleId :

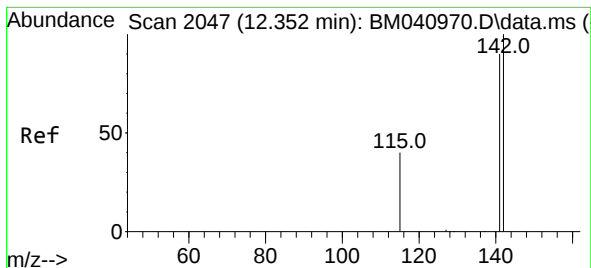
Tgt Ion: 88 Resp: 1595
Ion Ratio Lower Upper
88 100
43 58.5 46.7 70.1
58 52.9 40.3 60.5



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44

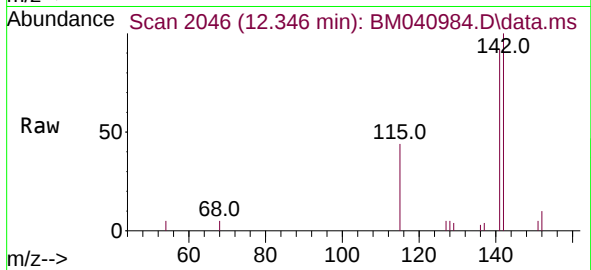
Tgt Ion: 128 Resp: 8658
Ion Ratio Lower Upper
128 100
129 13.2 9.8 14.8
127 14.2 11.0 16.4



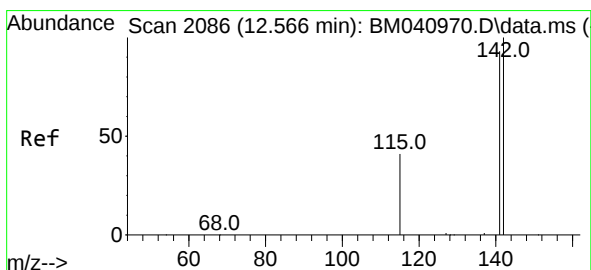
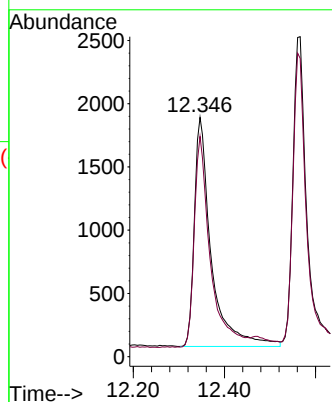
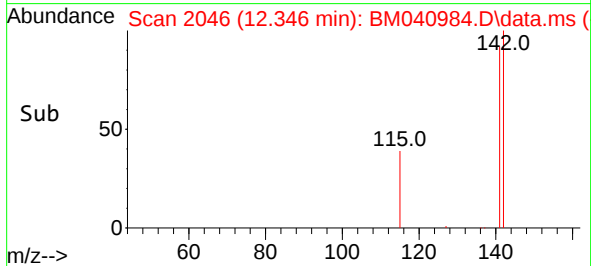


#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.346 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44

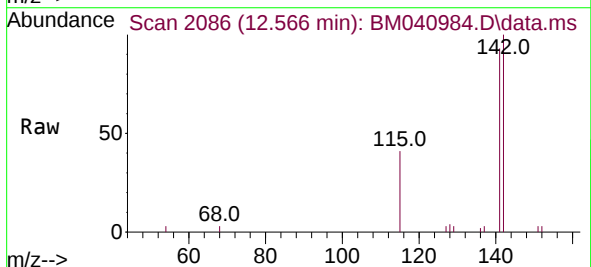
Instrument :
BNA_M
ClientSampleId :



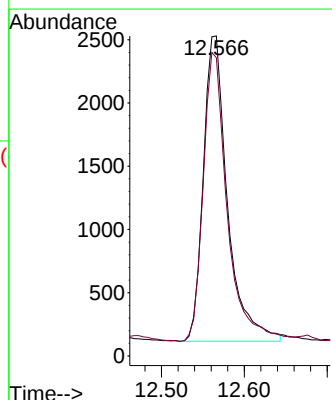
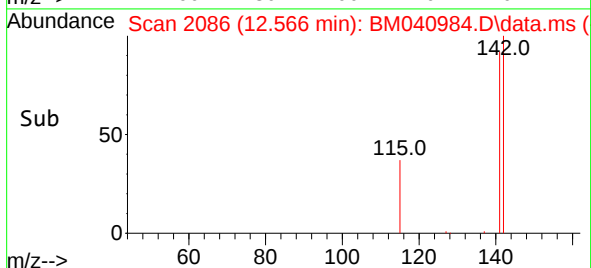
Tgt Ion:142 Resp: 4665
Ion Ratio Lower Upper
142 100
141 93.1 73.2 109.8

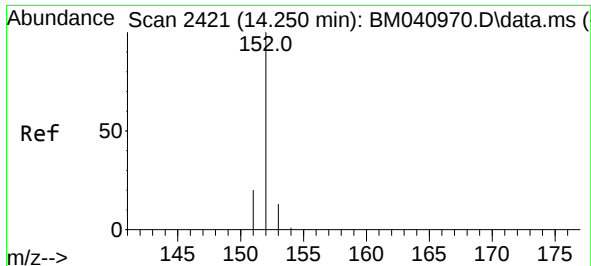


#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44



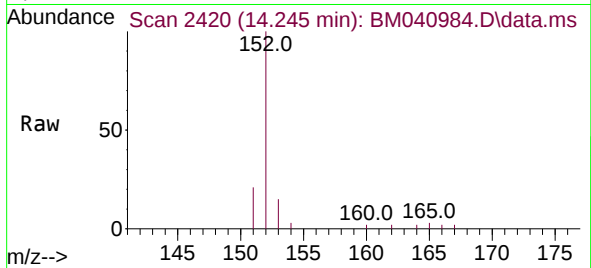
Tgt Ion:142 Resp: 4898
Ion Ratio Lower Upper
142 100
141 93.9 73.4 110.2



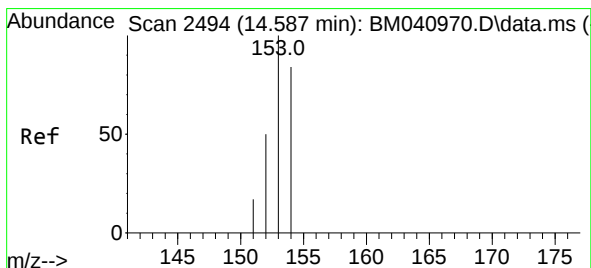
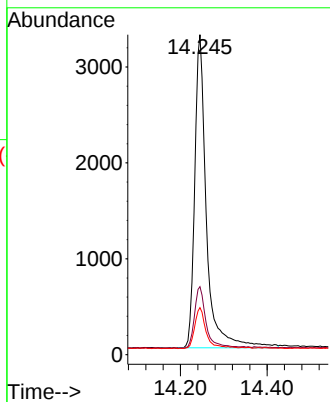
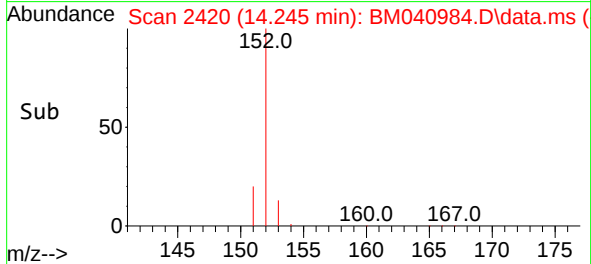


#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.245 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44

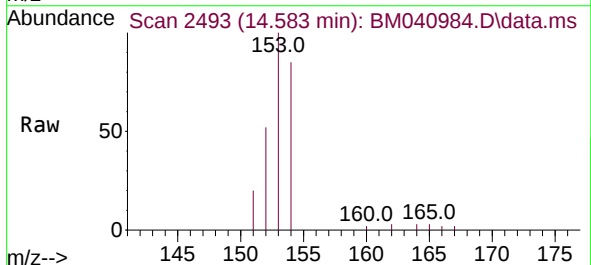
Instrument :
BNA_M
ClientSampleId :



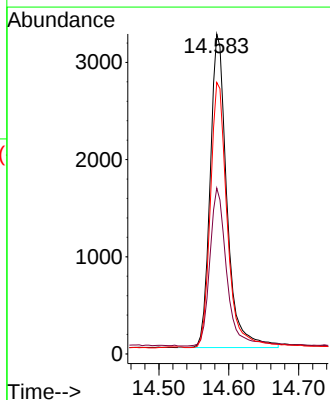
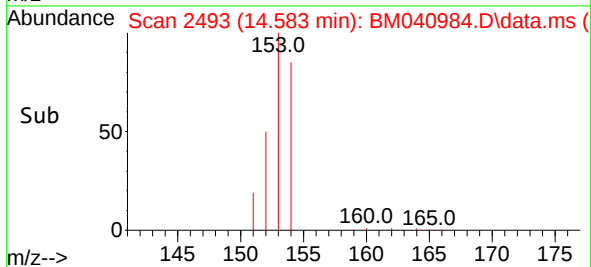
Tgt Ion:152 Resp: 6140
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2
153 14.7 11.6 17.4

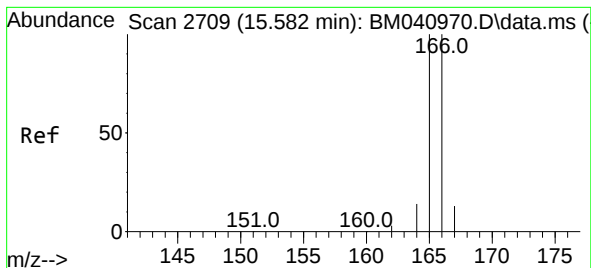


#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44



Tgt Ion:153 Resp: 5379
Ion Ratio Lower Upper
153 100
152 51.8 41.0 61.6
154 84.8 68.2 102.2





#12

Fluorene

Concen: 0.372 ng/ul

RT: 15.577 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM040984.D

Acq: 20 Jul 2023 16:44

Instrument :

BNA_M

ClientSampleId :

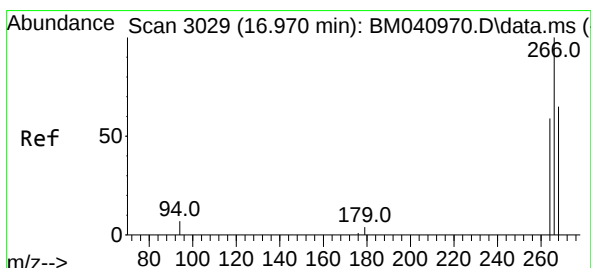
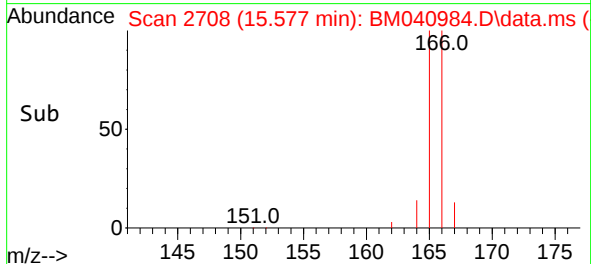
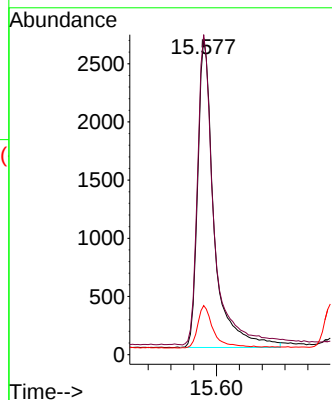
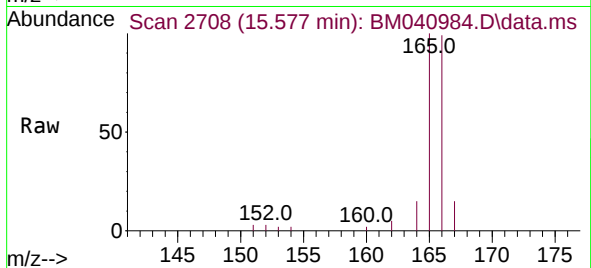
Tgt Ion:166 Resp: 5269

Ion Ratio Lower Upper

166 100

165 101.3 80.3 120.5

167 15.5 11.7 17.5



#14

Pentachlorophenol

Concen: 0.544 ng/ul

RT: 16.940 min Scan# 3022

Delta R.T. -0.034 min

Lab File: BM040984.D

Acq: 20 Jul 2023 16:44

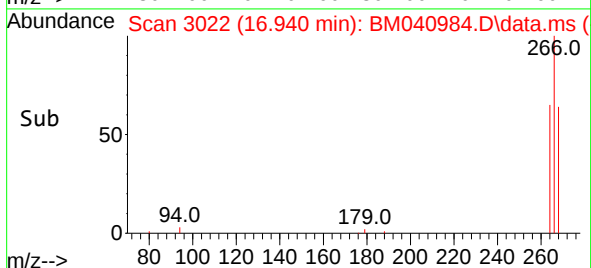
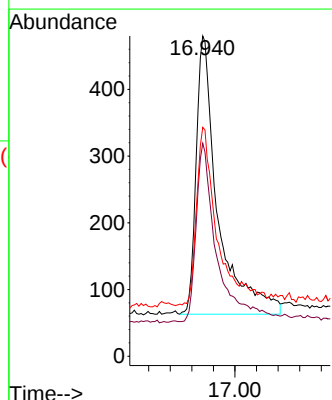
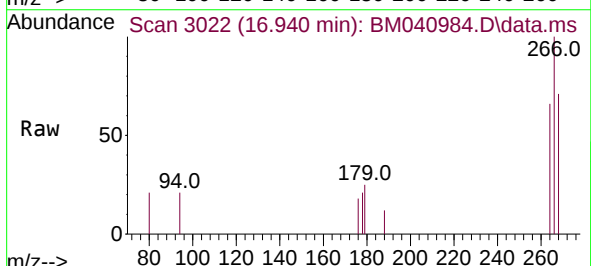
Tgt Ion:266 Resp: 1160

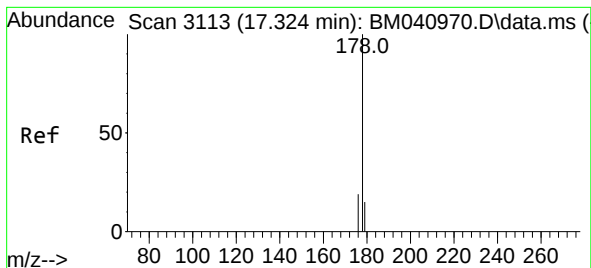
Ion Ratio Lower Upper

266 100

264 61.3 50.7 76.1

268 62.5 52.8 79.2





#15

Phenanthrene

Concen: 0.384 ng/ul

RT: 17.320 min Scan# 3112

Delta R.T. -0.004 min

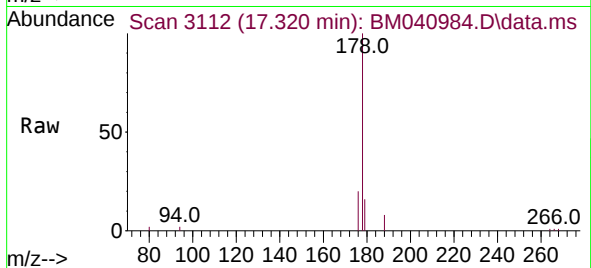
Lab File: BM040984.D

Acq: 20 Jul 2023 16:44

Instrument :

BNA_M

ClientSampleId :



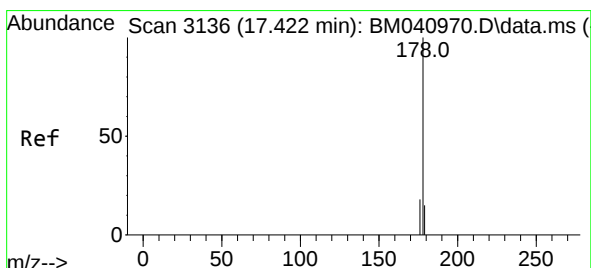
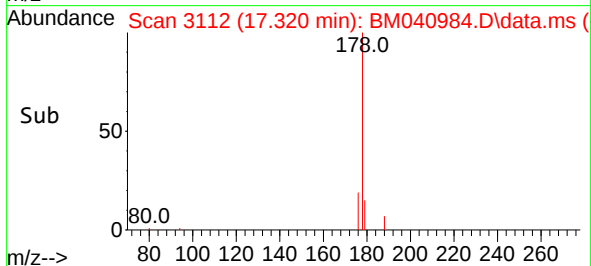
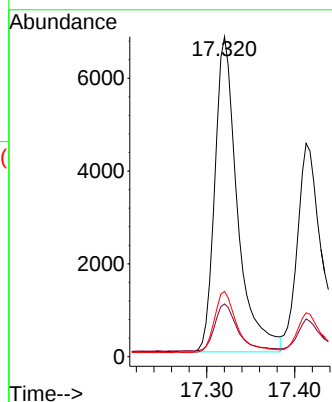
Tgt Ion:178 Resp: 12142

Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.6

176 20.4 16.2 24.4



#16

Anthracene

Concen: 0.357 ng/ul

RT: 17.413 min Scan# 3134

Delta R.T. -0.008 min

Lab File: BM040984.D

Acq: 20 Jul 2023 16:44

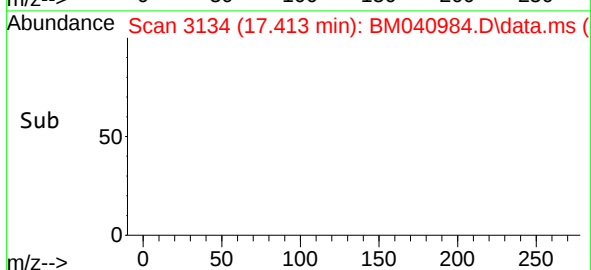
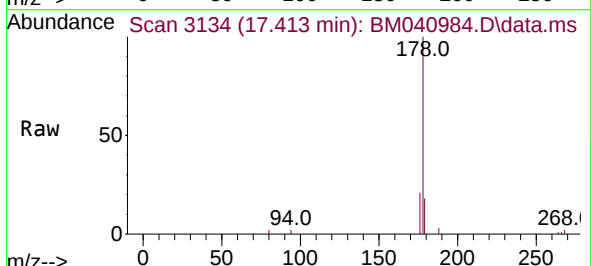
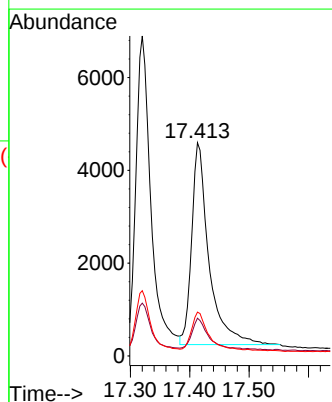
Tgt Ion:178 Resp: 8800

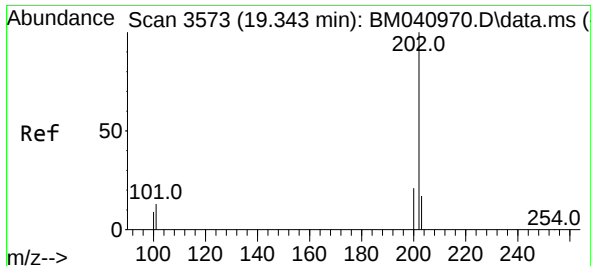
Ion Ratio Lower Upper

178 100

179 17.7 13.7 20.5

176 20.6 16.4 24.6

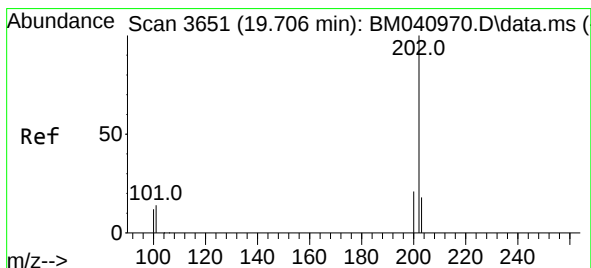
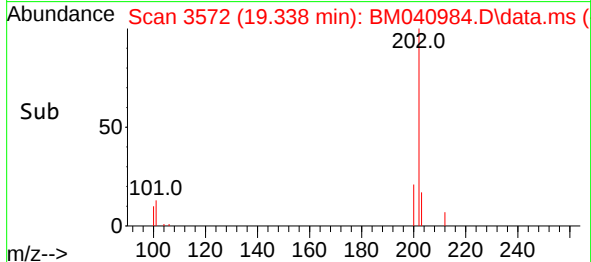
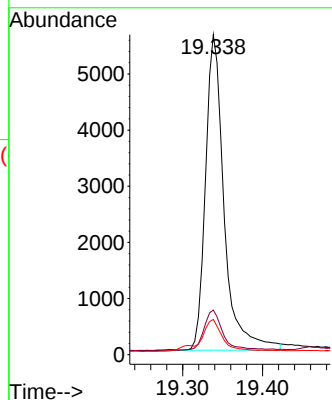
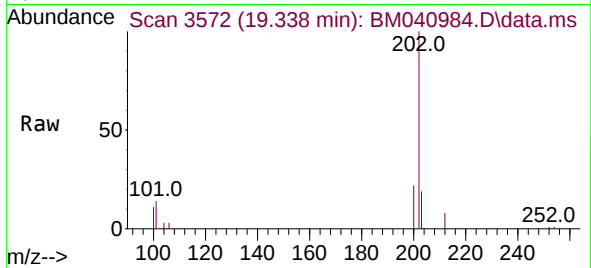




#19
Fluoranthene
Concen: 0.294 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.005 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44

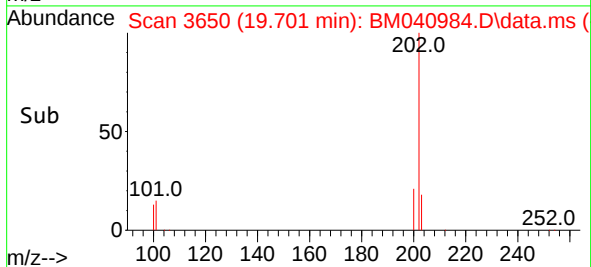
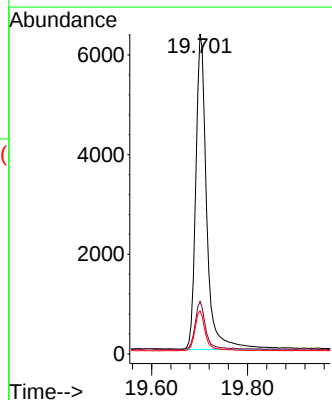
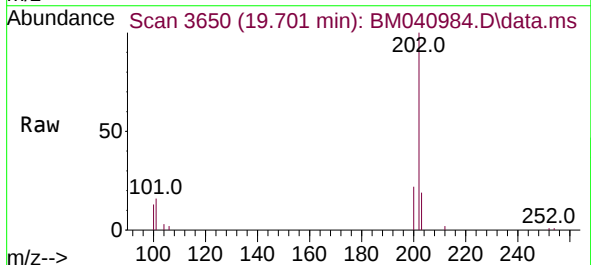
Instrument :
BNA_M
ClientSampleId :

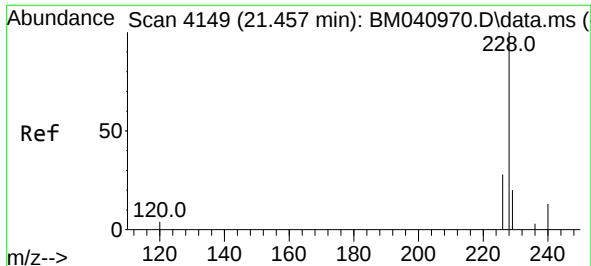
Tgt Ion:	202	Resp:	9104
Ion Ratio	Lower	Upper	
202	100		
101	13.9	11.0	16.4
100	11.0	8.3	12.5



#20
Pyrene
Concen: 0.318 ng/ul
RT: 19.701 min Scan# 3650
Delta R.T. -0.005 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44

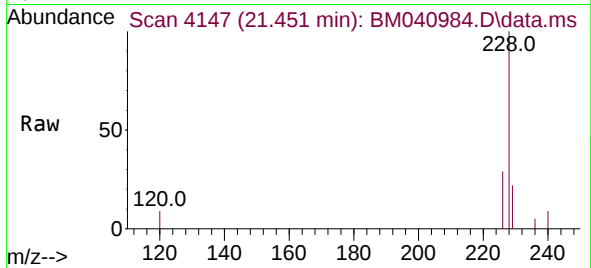
Tgt Ion:	202	Resp:	10069
Ion Ratio	Lower	Upper	
202	100		
101	16.4	12.5	18.7
100	13.4	10.0	15.0



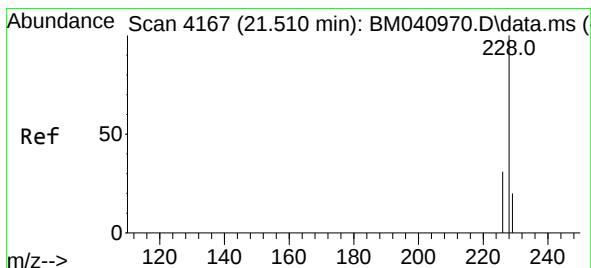
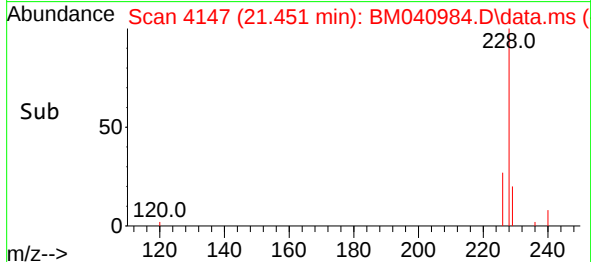
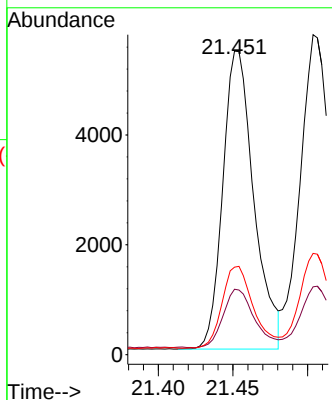


#21
Benzo(a)anthracene
Concen: 0.430 ng/ul
RT: 21.451 min Scan# 4149
Delta R.T. -0.006 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44

Instrument :
BNA_M
ClientSampleId :

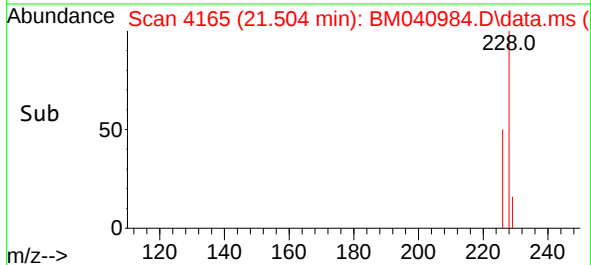
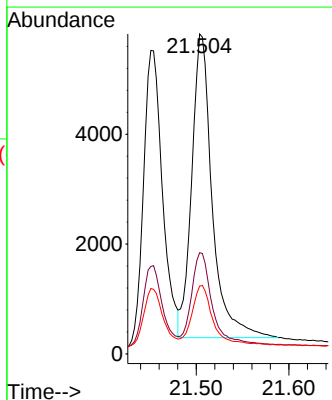
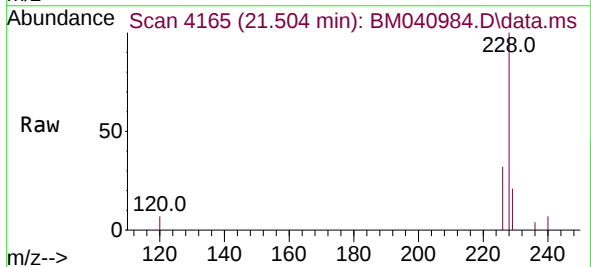


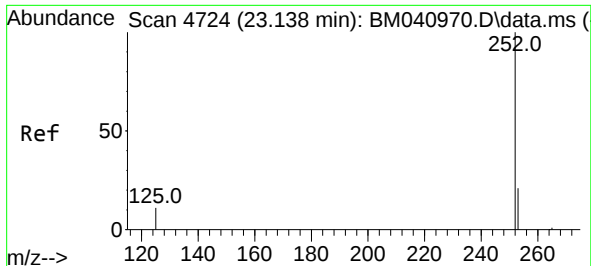
Tgt Ion:228 Resp: 7872
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.4
226 28.8 22.3 33.5



#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44

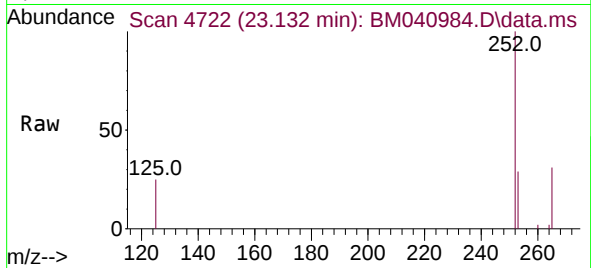
Tgt Ion:228 Resp: 8475
Ion Ratio Lower Upper
228 100
226 31.7 24.6 37.0
229 21.2 16.1 24.1



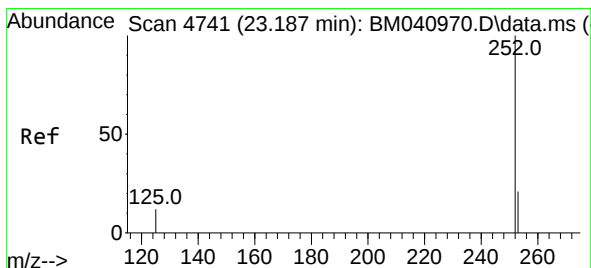
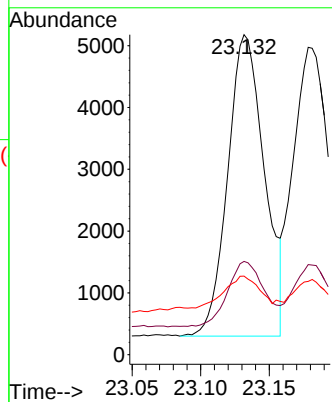
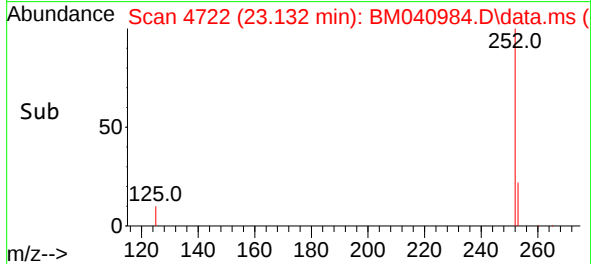


#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul
RT: 23.132 min Scan# 4722
Delta R.T. -0.003 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44

Instrument :
BNA_M
ClientSampleId :

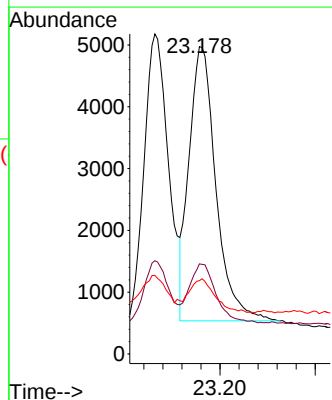
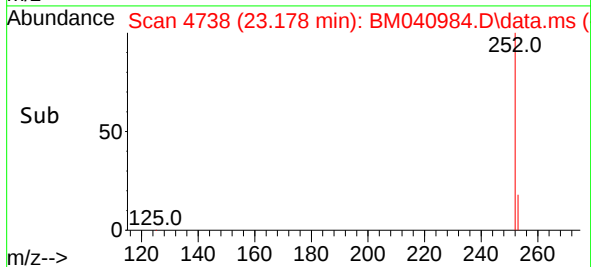
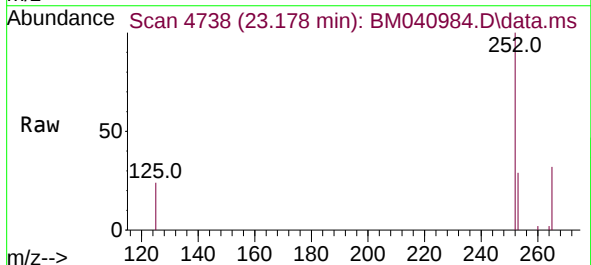


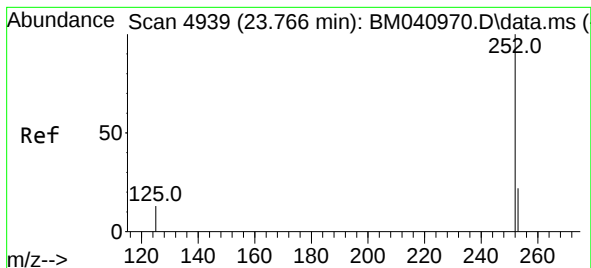
Tgt Ion:252 Resp: 9084
Ion Ratio Lower Upper
252 100
253 29.2 0.0 57.4
125 24.5 0.0 45.2



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 23.178 min Scan# 4738
Delta R.T. -0.009 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44

Tgt Ion:252 Resp: 8692
Ion Ratio Lower Upper
252 100
253 29.3 23.3 34.9
125 23.8 18.2 27.2





#26

Benzo(a)pyrene

Concen: 0.373 ng/ul

RT: 23.757 min Scan# 4936

Delta R.T. -0.006 min

Lab File: BM040984.D

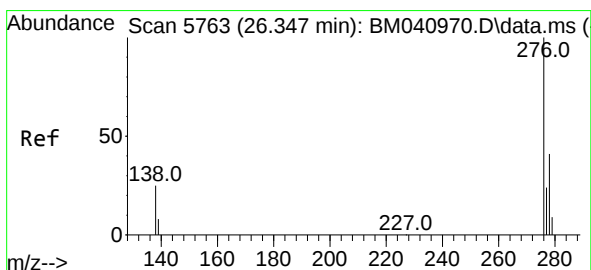
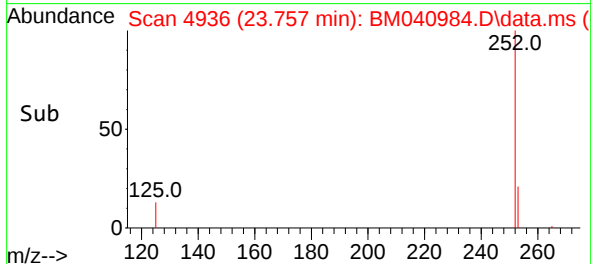
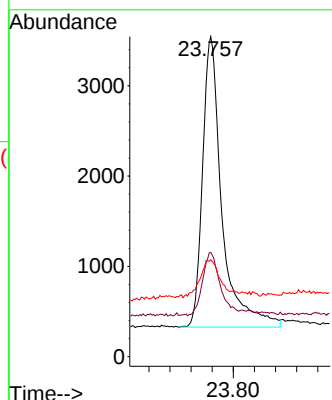
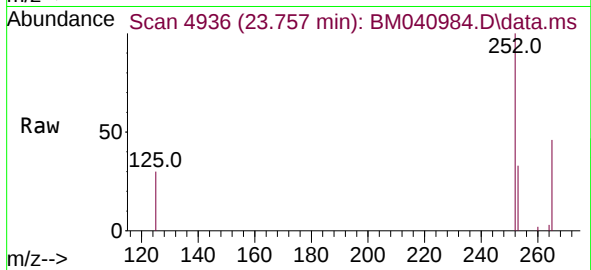
Acq: 20 Jul 2023 16:44

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	8176
Ion Ratio	Lower	Upper
252	100	
253	32.6	28.2 42.2
125	30.3	25.2 37.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.391 ng/ul

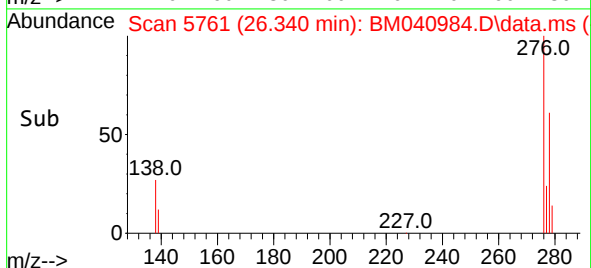
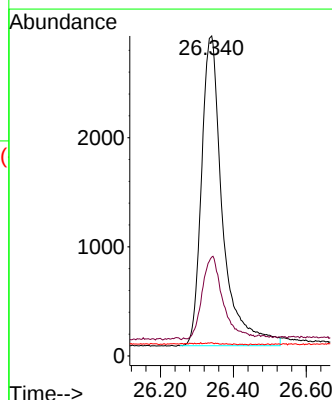
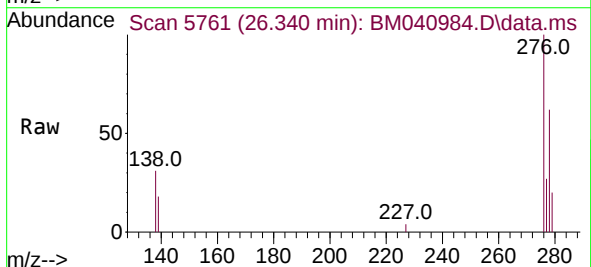
RT: 26.340 min Scan# 5761

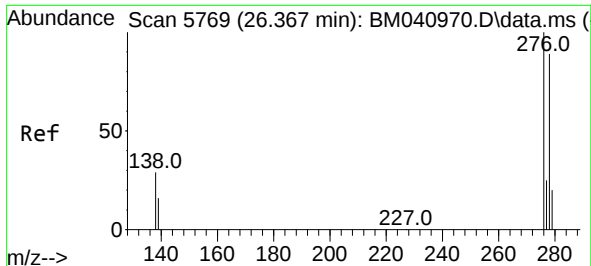
Delta R.T. -0.010 min

Lab File: BM040984.D

Acq: 20 Jul 2023 16:44

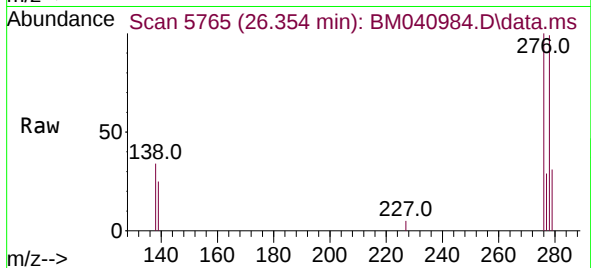
Tgt Ion:276	Resp:	11367
Ion Ratio	Lower	Upper
276	100	
138	26.1	22.3 33.5
227	0.1	0.0 0.0#



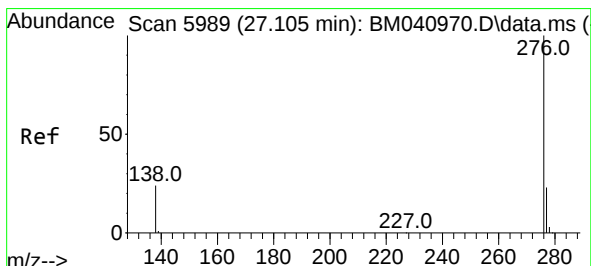
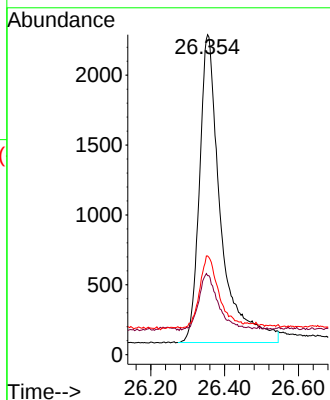
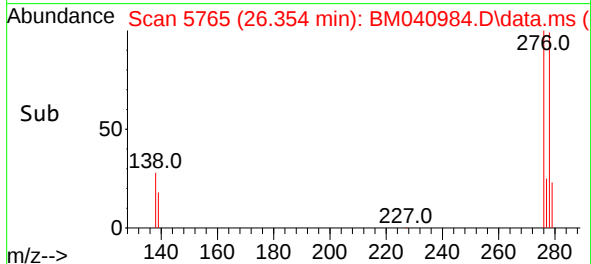


#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.354 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 8756
Ion Ratio Lower Upper
278 100
139 24.7 19.2 28.8
279 30.8 27.0 40.6



#29
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 27.098 min Scan# 5987
Delta R.T. -0.003 min
Lab File: BM040984.D
Acq: 20 Jul 2023 16:44

Tgt Ion:276 Resp: 10166
Ion Ratio Lower Upper
276 100
138 28.5 22.6 34.0
277 27.0 21.2 31.8

