

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039770.D
 Acq On : 01 May 2023 10:39
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4091

Quant Time: May 02 01:24:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

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

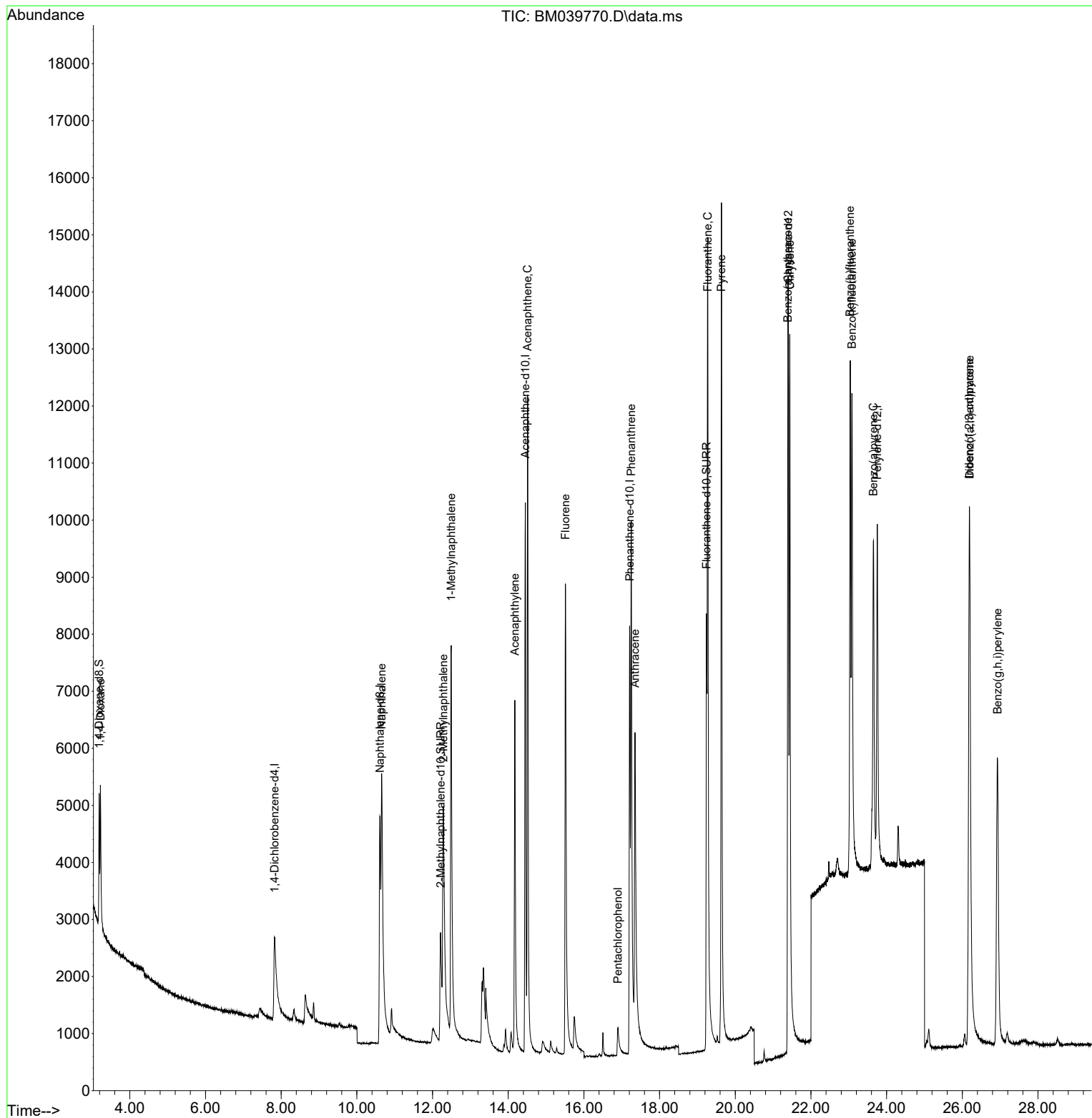
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2547	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	11184	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	6494	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	12089	0.400	ng/ul	0.00
17) Chrysene-d12	21.402	240	9809	0.400	ng/ul	0.00
23) Perylene-d12	23.752	264	9292	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1629	0.434	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	5646	0.394	ng/ul	0.01
18) Fluoranthene-d10	19.239	212	11489	0.435	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	1573	0.405	ng/ul#	37
5) Naphthalene	10.656	128	10801	0.385	ng/ul	99
7) 2-Methylnaphthalene	12.283	142	6237	0.385	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	6932	0.399	ng/ul	99
10) Acenaphthylene	14.173	152	9913	0.394	ng/ul	99
11) Acenaphthene	14.511	153	8042	0.407	ng/ul	98
12) Fluorene	15.510	166	8556	0.391	ng/ul	99
14) Pentachlorophenol	16.896	266	773	0.293	ng/ul	99
15) Phenanthrene	17.251	178	12924	0.406	ng/ul	100
16) Anthracene	17.348	178	10213	0.373	ng/ul	99
19) Fluoranthene	19.271	202	15075	0.431	ng/ul	99
20) Pyrene	19.634	202	16391	0.434	ng/ul	99
21) Benzo(a)anthracene	21.388	228	11566	0.410	ng/ul	99
22) Chrysene	21.440	228	13313	0.417	ng/ul	99
24) Benzo(b)fluoranthene	23.036	252	12996	0.398	ng/ul	96
25) Benzo(k)fluoranthene	23.083	252	12816	0.386	ng/ul	96
26) Benzo(a)pyrene	23.650	252	11528	0.393	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.184	276	14661	0.396	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.194	278	11273	0.392	ng/ul	99
29) Benzo(g,h,i)perylene	26.929	276	12927	0.400	ng/ul	99

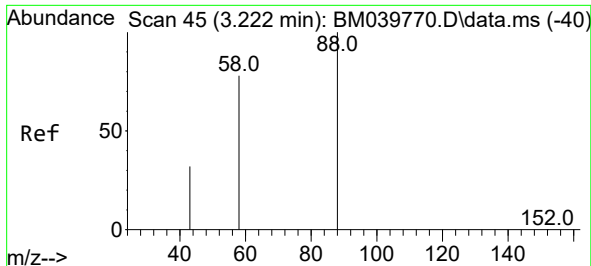
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039770.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
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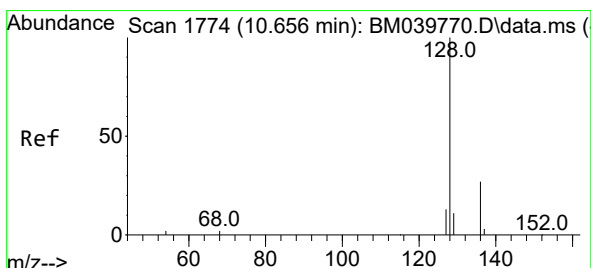
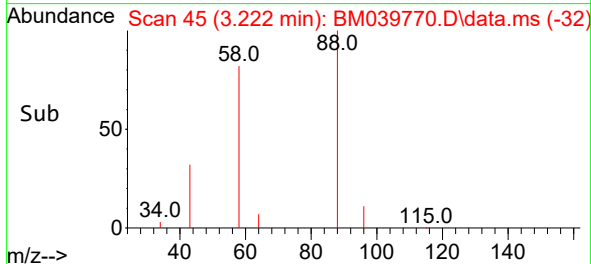
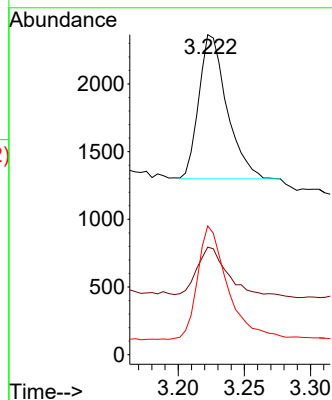
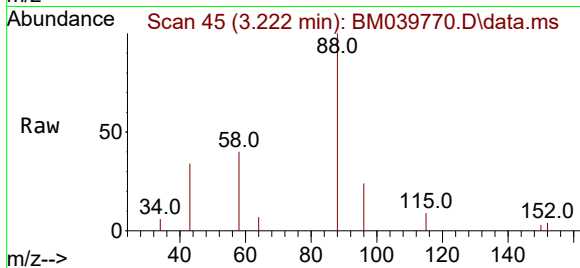




#2
1,4-Dioxane
Concen: 0.405 ng/ul
RT: 3.222 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

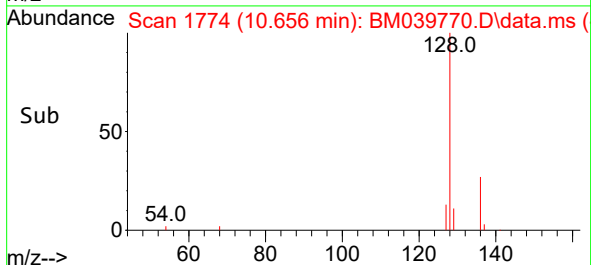
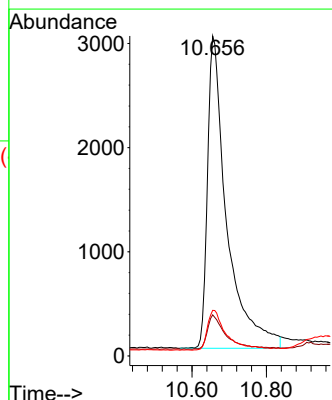
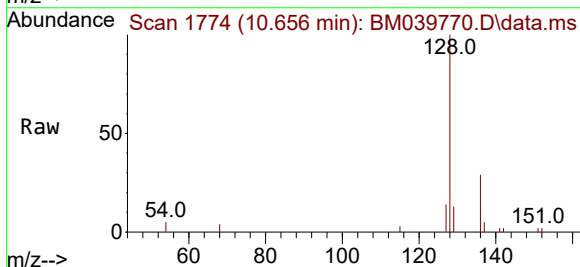
Instrument :
BNA_M
ClientSampleId :
SSTD0.4091

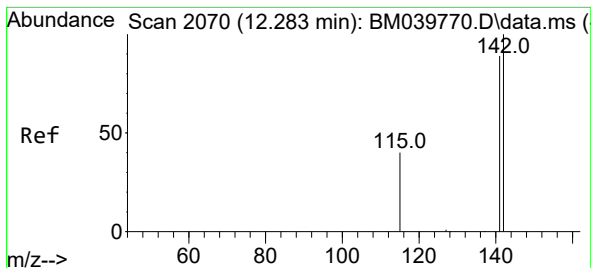
Tgt Ion: 88 Resp: 1573
Ion Ratio Lower Upper
88 100
43 33.6 102.6 153.8#
58 40.2 40.6 61.0#



#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.656 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

Tgt Ion: 128 Resp: 10801
Ion Ratio Lower Upper
128 100
129 12.9 9.8 14.6
127 14.3 11.1 16.7

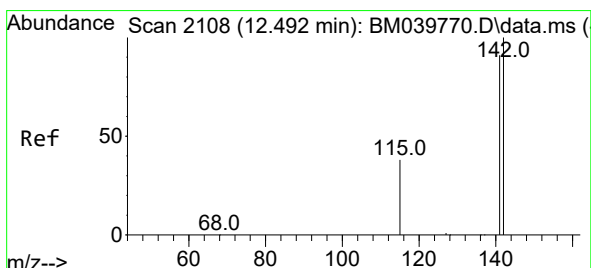
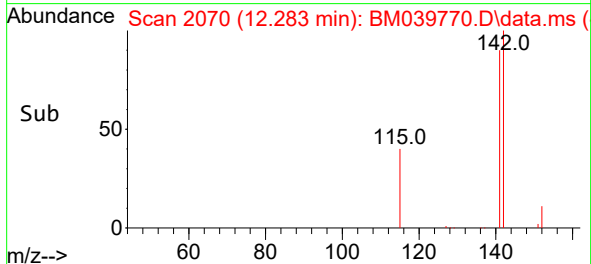
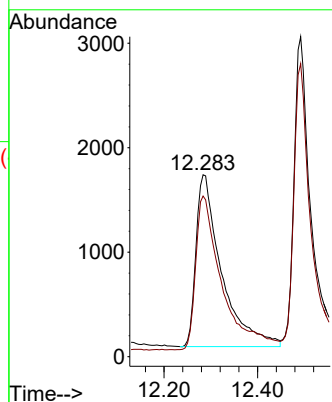
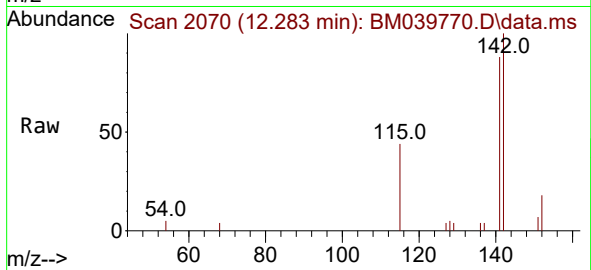




#7
2-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

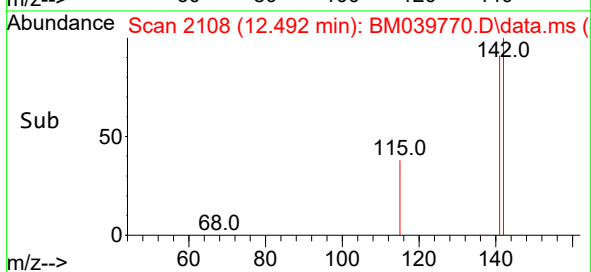
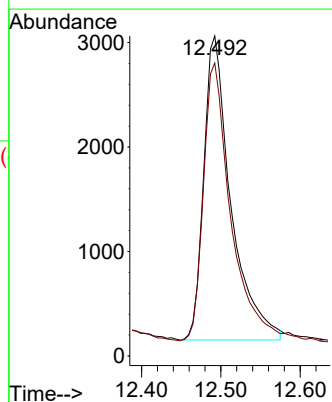
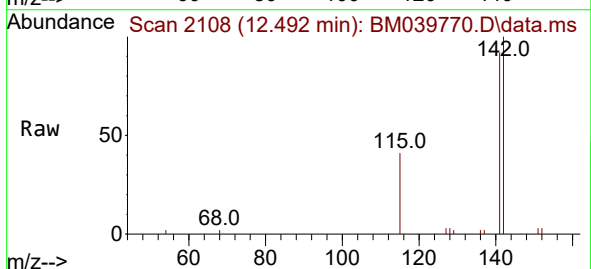
Instrument :
BNA_M
ClientSampleId :
SSTD0.4091

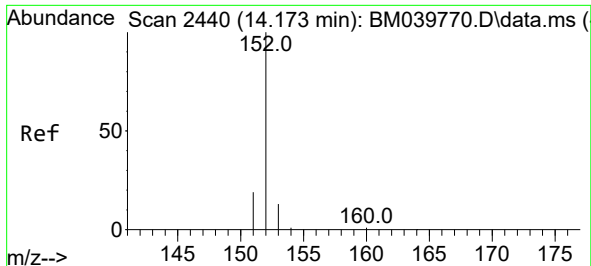
Tgt Ion:142 Resp: 6237
Ion Ratio Lower Upper
142 100
141 92.5 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.492 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

Tgt Ion:142 Resp: 6932
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2

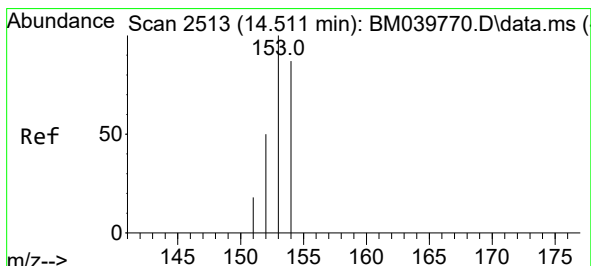
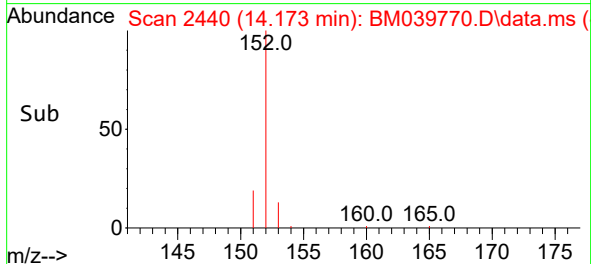
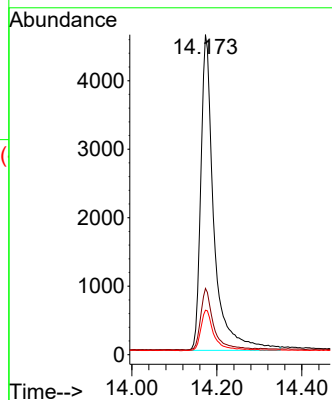
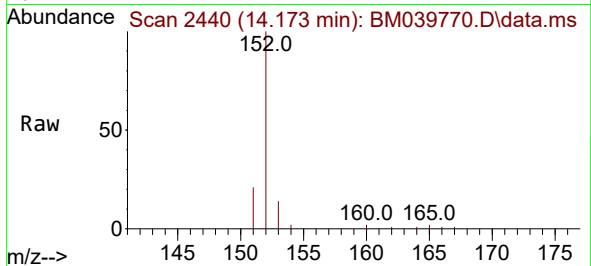




#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

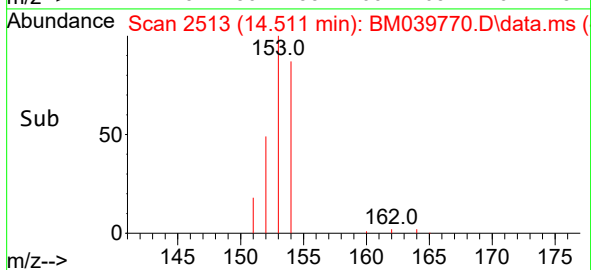
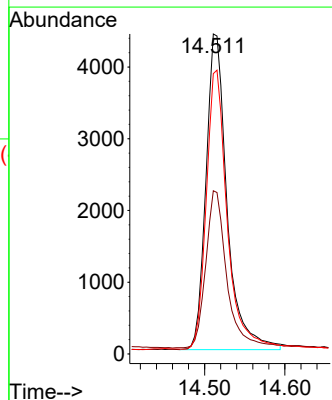
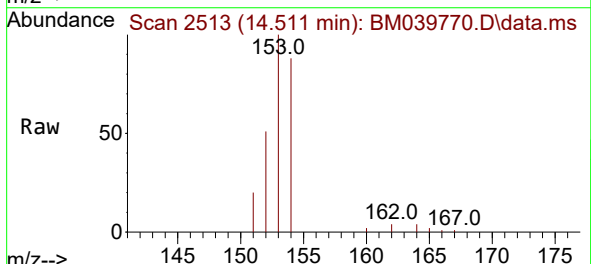
Instrument :
BNA_M
ClientSampleId :
SSTD0.4091

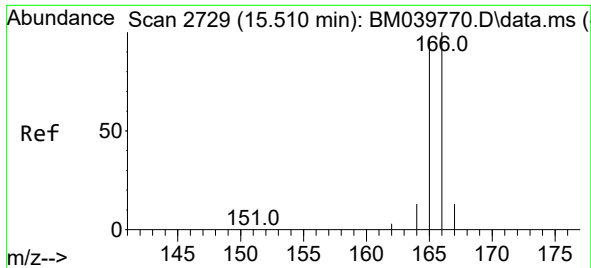
Tgt Ion:152 Resp: 9913
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.9 11.2 16.8



#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

Tgt Ion:153 Resp: 8042
Ion Ratio Lower Upper
153 100
152 51.0 40.6 61.0
154 87.6 71.9 107.9

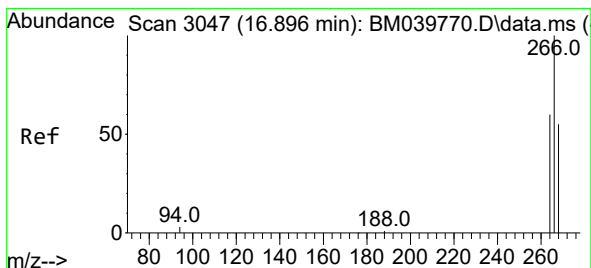
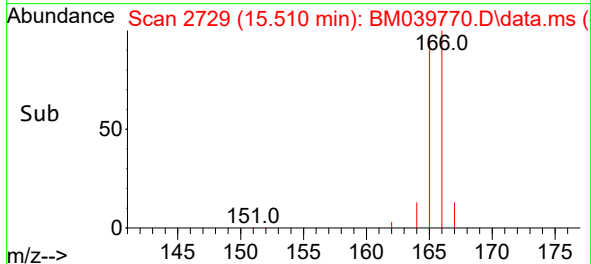
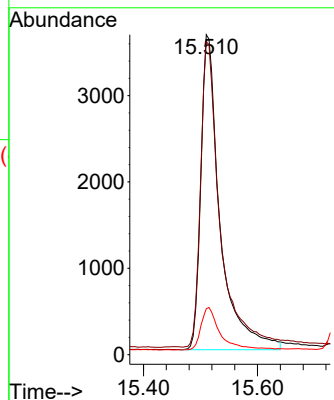
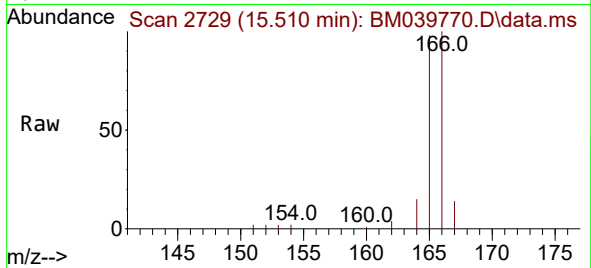




#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

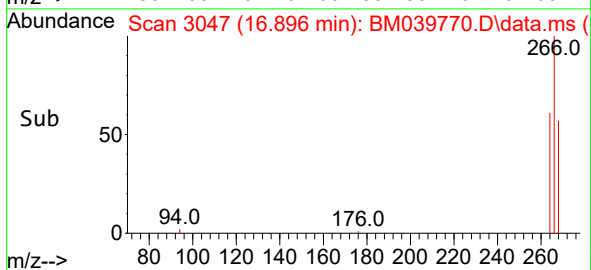
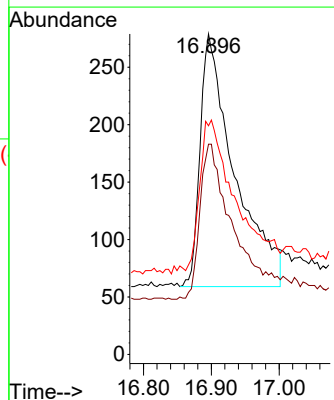
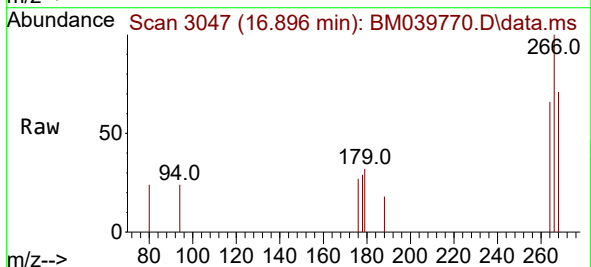
Instrument :
BNA_M
ClientSampleId :
SSTD0.4091

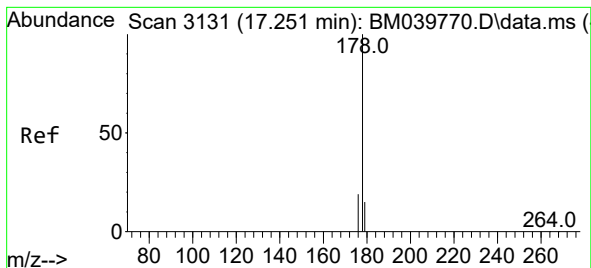
Tgt Ion:166 Resp: 8556
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 14.3 11.8 17.6



#14
Pentachlorophenol
Concen: 0.293 ng/ul
RT: 16.896 min Scan# 3047
Delta R.T. 0.009 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

Tgt Ion:266 Resp: 773
Ion Ratio Lower Upper
266 100
264 60.5 48.8 73.2
268 62.6 50.4 75.6





#15

Phenanthrene

Concen: 0.406 ng/ul

RT: 17.251 min Scan# 3131

Delta R.T. 0.004 min

Lab File: BM039770.D

Acq: 01 May 2023 10:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.4091

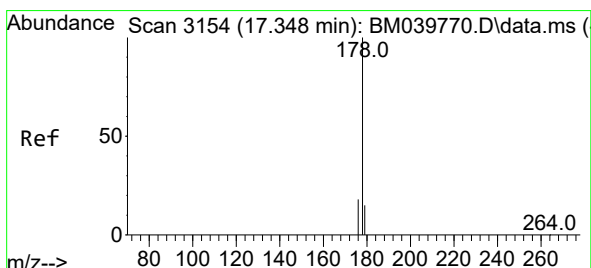
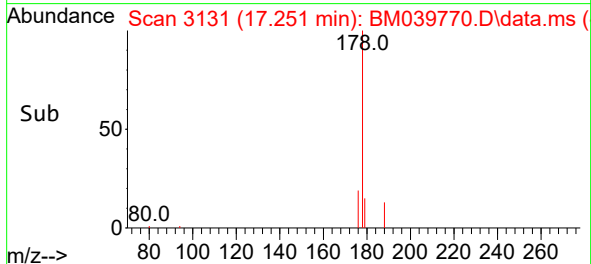
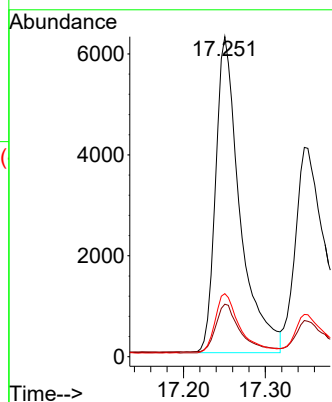
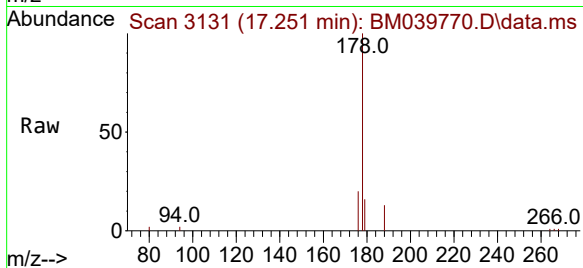
Tgt Ion:178 Resp: 12924

Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.6

176 19.7 15.8 23.8



#16

Anthracene

Concen: 0.373 ng/ul

RT: 17.348 min Scan# 3154

Delta R.T. 0.004 min

Lab File: BM039770.D

Acq: 01 May 2023 10:39

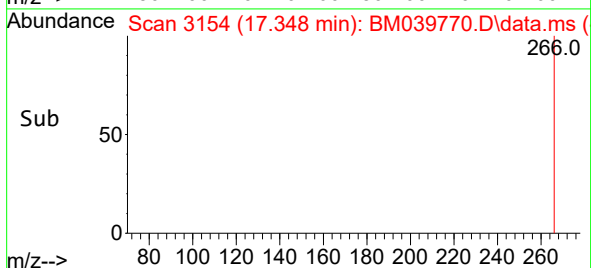
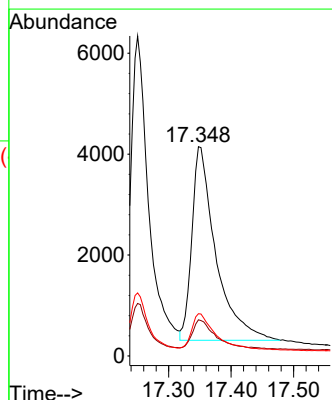
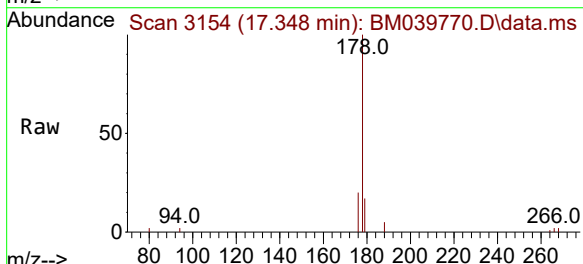
Tgt Ion:178 Resp: 10213

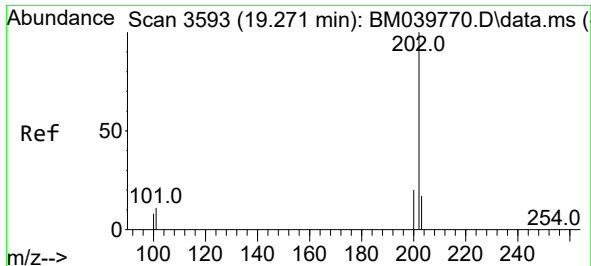
Ion Ratio Lower Upper

178 100

179 17.3 13.8 20.6

176 20.2 15.8 23.8

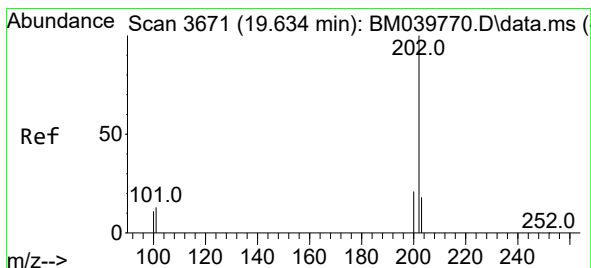
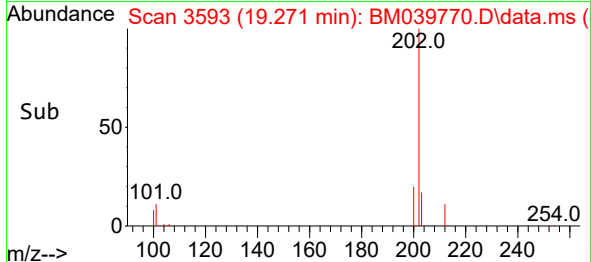
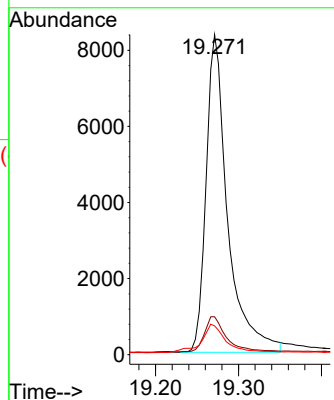
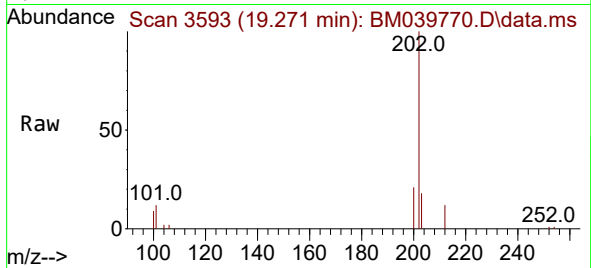




#19
Fluoranthene
Concen: 0.431 ng/ul
RT: 19.271 min Scan# 3593
Delta R.T. 0.005 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

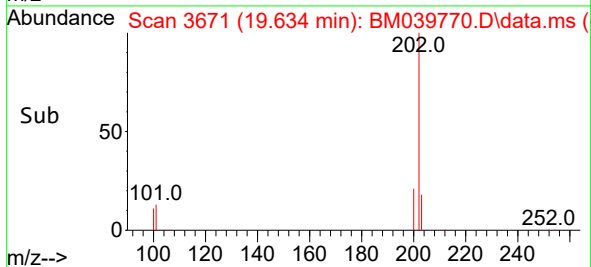
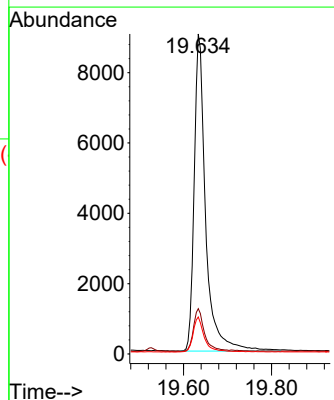
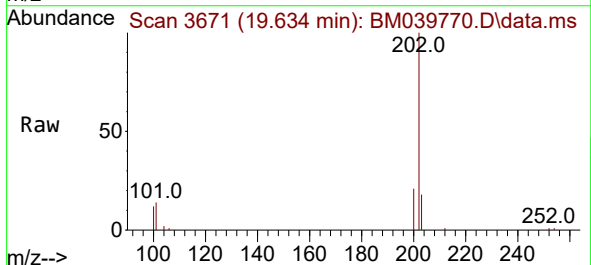
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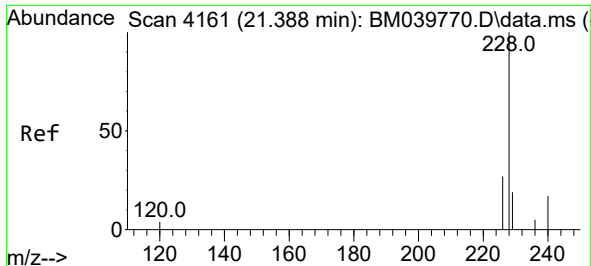
Tgt Ion:202 Resp: 15075
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.434 ng/ul
RT: 19.634 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

Tgt Ion:202 Resp: 16391
Ion Ratio Lower Upper
202 100
101 14.1 10.9 16.3
100 11.6 8.9 13.3

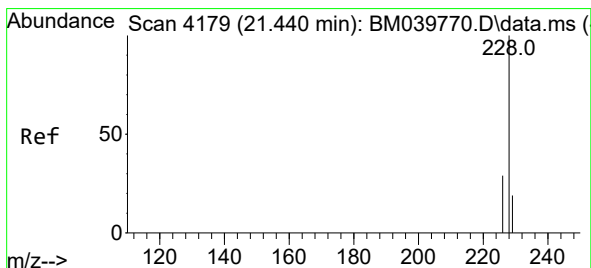
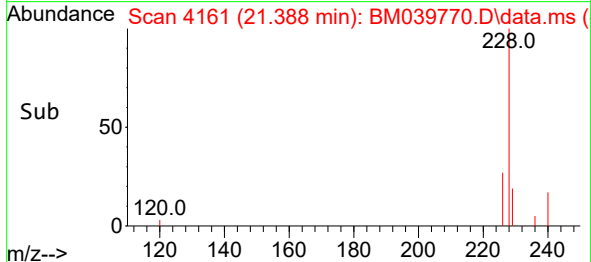
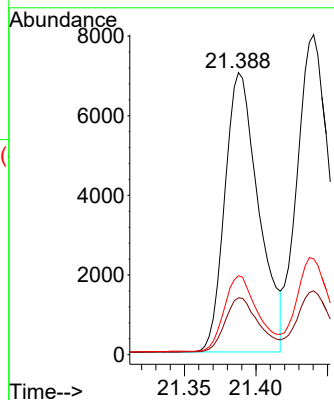
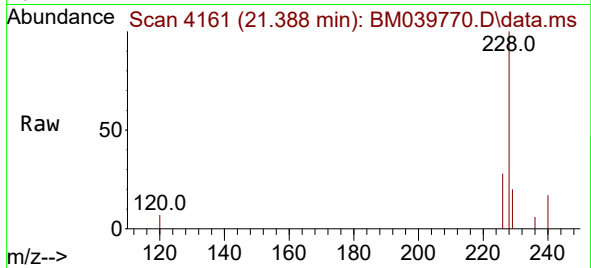




#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.388 min Scan# 4161
Delta R.T. 0.004 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

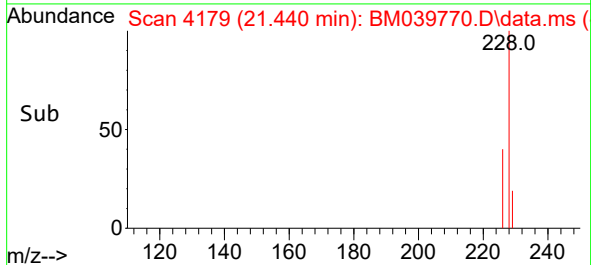
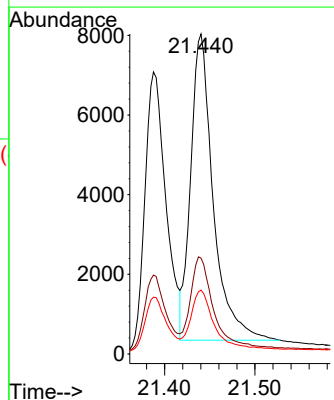
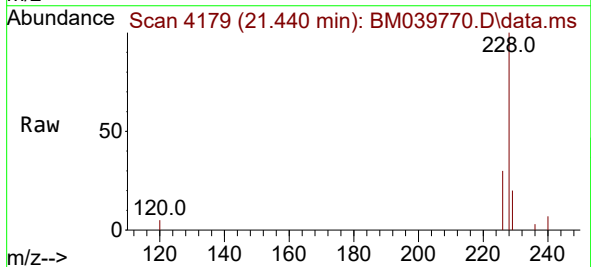
Instrument :
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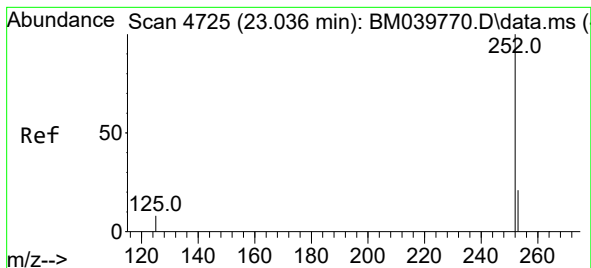
Tgt Ion:228 Resp: 11566
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 28.0 21.6 32.4



#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.440 min Scan# 4179
Delta R.T. 0.004 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

Tgt Ion:228 Resp: 13313
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 19.9 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.398 ng/ul

RT: 23.036 min Scan# 4725

Delta R.T. 0.004 min

Lab File: BM039770.D

Acq: 01 May 2023 10:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.4091

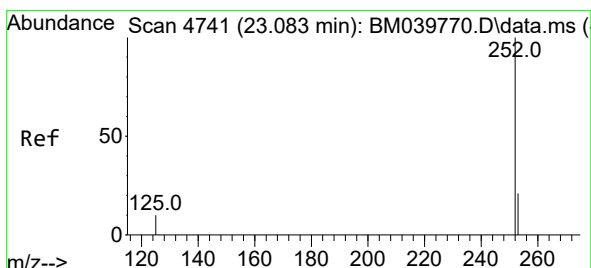
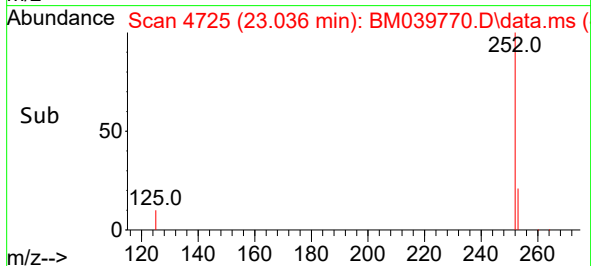
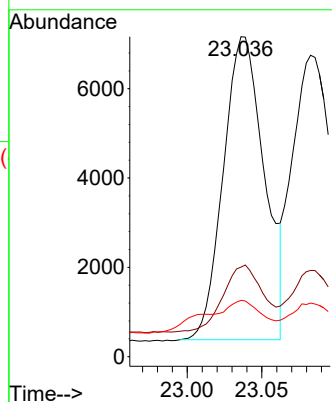
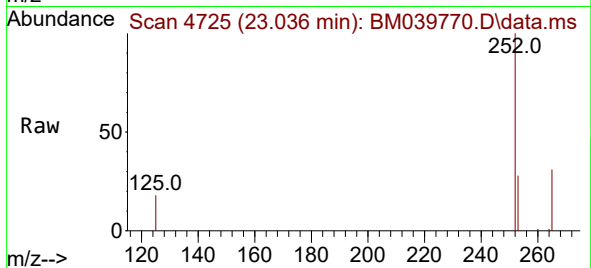
Tgt Ion:252 Resp: 12996

Ion Ratio Lower Upper

252 100

253 28.0 0.0 52.8

125 17.6 0.0 31.6



#25

Benzo(k)fluoranthene

Concen: 0.386 ng/ul

RT: 23.083 min Scan# 4741

Delta R.T. 0.004 min

Lab File: BM039770.D

Acq: 01 May 2023 10:39

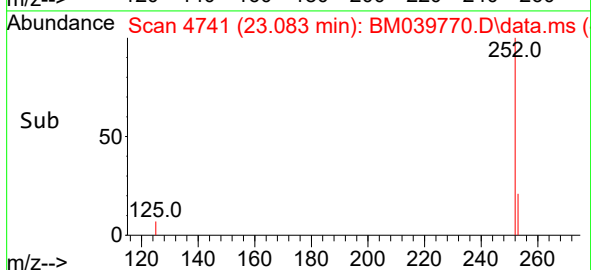
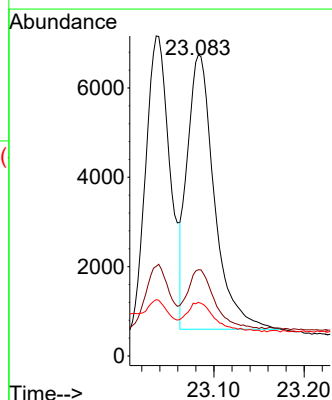
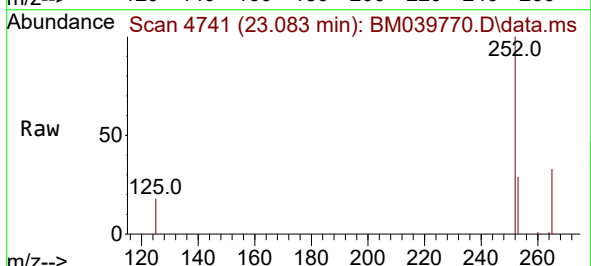
Tgt Ion:252 Resp: 12816

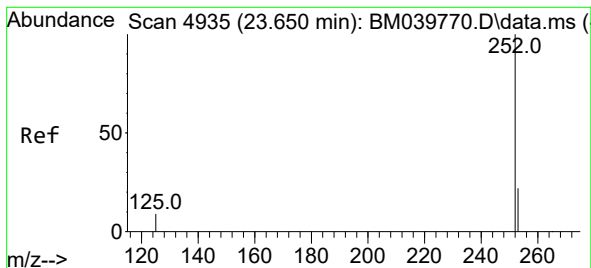
Ion Ratio Lower Upper

252 100

253 28.6 21.3 31.9

125 17.8 13.0 19.6





#26

Benzo(a)pyrene

Concen: 0.393 ng/ul

RT: 23.650 min Scan# 4935

Delta R.T. 0.007 min

Lab File: BM039770.D

Acq: 01 May 2023 10:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.4091

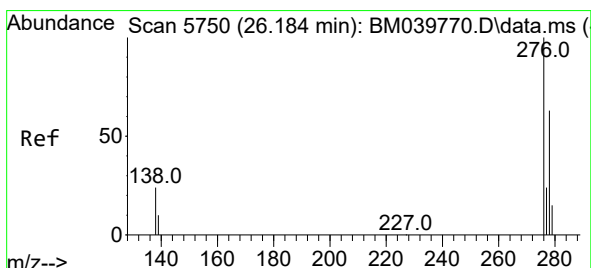
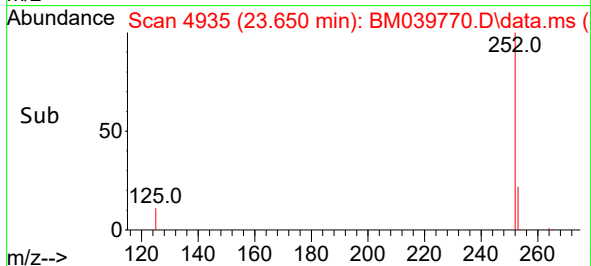
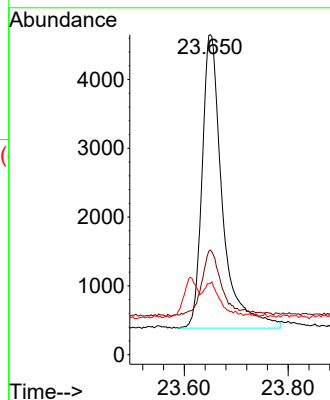
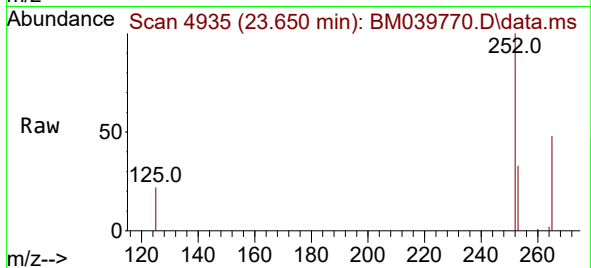
Tgt Ion:252 Resp: 11528

Ion Ratio Lower Upper

252 100

253 32.7 24.7 37.1

125 22.2 16.5 24.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.396 ng/ul

RT: 26.184 min Scan# 5750

Delta R.T. 0.005 min

Lab File: BM039770.D

Acq: 01 May 2023 10:39

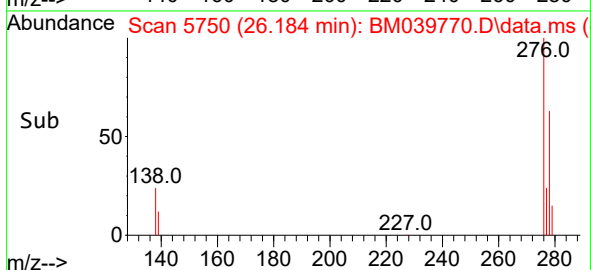
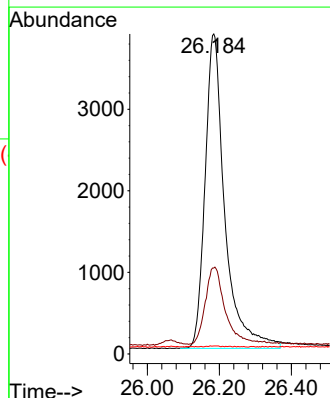
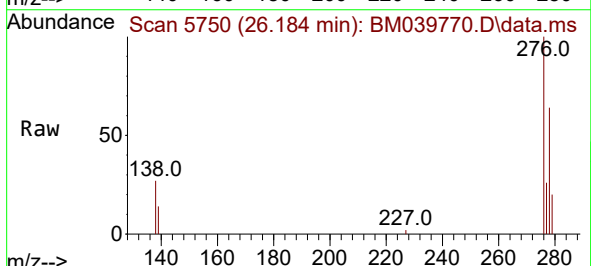
Tgt Ion:276 Resp: 14661

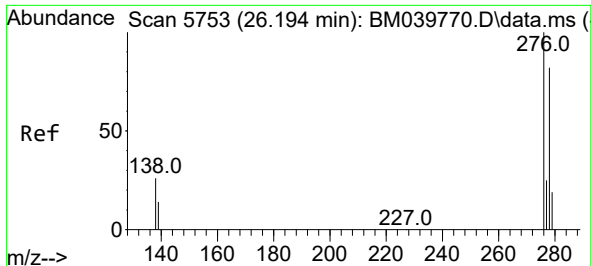
Ion Ratio Lower Upper

276 100

138 25.4 21.1 31.7

227 0.2 0.1 0.1#

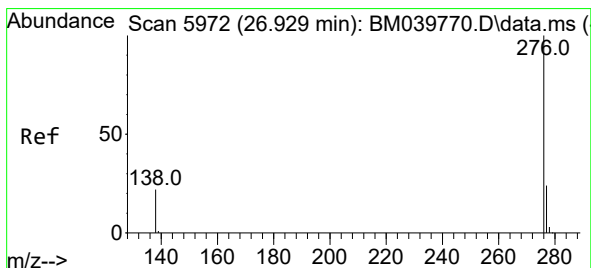
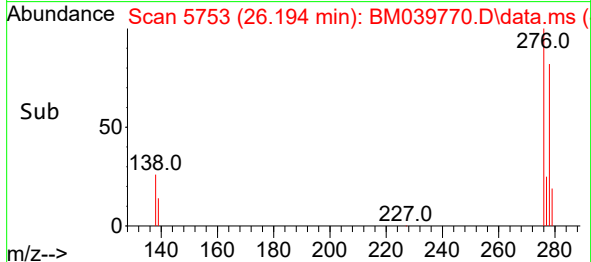
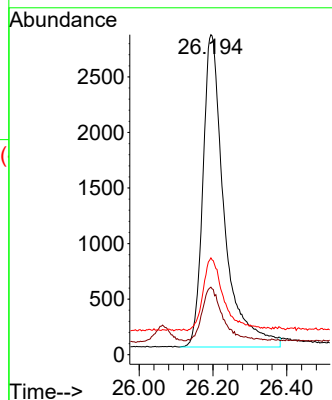
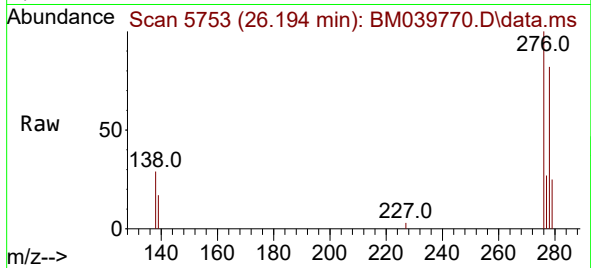




#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 26.194 min Scan# 51
Delta R.T. 0.005 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.4091

Tgt Ion:278 Resp: 11273
Ion Ratio Lower Upper
278 100
139 21.1 17.0 25.6
279 30.3 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 26.929 min Scan# 5972
Delta R.T. 0.009 min
Lab File: BM039770.D
Acq: 01 May 2023 10:39

Tgt Ion:276 Resp: 12927
Ion Ratio Lower Upper
276 100
138 24.8 20.1 30.1
277 26.1 20.1 30.1

