

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039700.D
 Acq On : 27 Apr 2023 10:00
 Operator : CG/JU
 Sample : SSTD0.146
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.1022

Quant Time: Apr 27 22:36:14 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 : Thu Apr 27 16:04:50 2023
 Response via : Initial Calibration

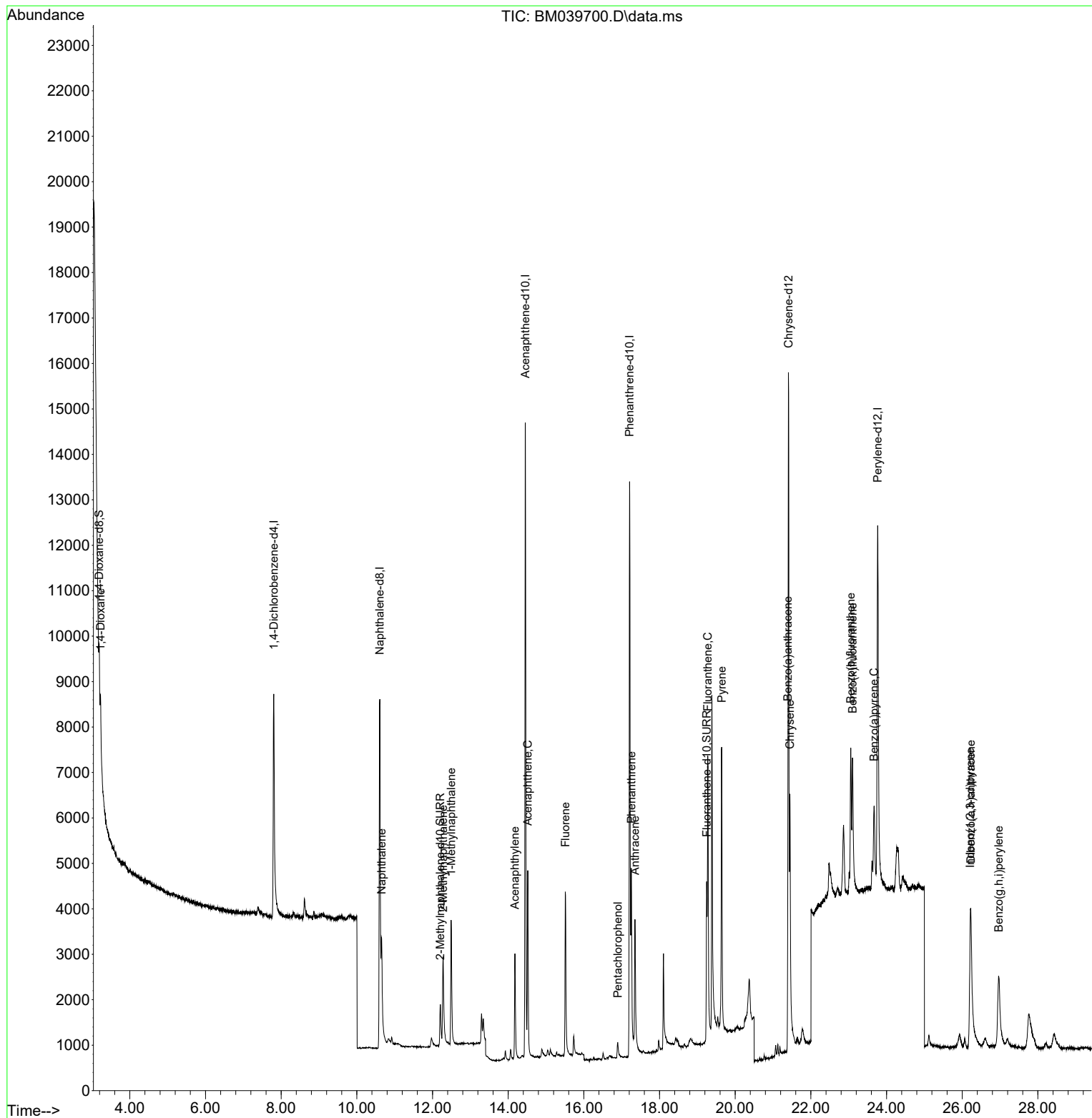
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	4065	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.606	136	14344	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.455	164	8627	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	17594	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	15524	0.400	ng/ul	0.00
23) Perylene-d12	23.767	264	13311	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1012	0.169	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	1872	0.102	ng/ul	-0.01
18) Fluoranthene-d10	19.248	212	4284	0.103	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.226	88	700	0.113	ng/ul#	1
5) Naphthalene	10.656	128	3464	0.096	ng/ul#	94
7) 2-Methylnaphthalene	12.278	142	2126	0.102	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	2262	0.101	ng/ul	98
10) Acenaphthylene	14.178	152	3294	0.099	ng/ul	95
11) Acenaphthene	14.515	153	2569	0.098	ng/ul	97
12) Fluorene	15.510	166	2957	0.102	ng/ul#	98
14) Pentachlorophenol	16.896	266	413	0.108	ng/ul	97
15) Phenanthrene	17.255	178	4614	0.100	ng/ul	95
16) Anthracene	17.352	178	4148	0.104	ng/ul	96
19) Fluoranthene	19.276	202	5942	0.107	ng/ul#	78
20) Pyrene	19.643	202	6413	0.107	ng/ul#	92
21) Benzo(a)anthracene	21.393	228	4768	0.107	ng/ul	96
22) Chrysene	21.446	228	5099	0.101	ng/ul	97
24) Benzo(b)fluoranthene	23.054	252	4609	0.099	ng/ul#	56
25) Benzo(k)fluoranthene	23.100	252	4717	0.099	ng/ul#	59
26) Benzo(a)pyrene	23.670	252	4042	0.096	ng/ul#	43
27) Indeno(1,2,3-cd)pyrene	26.214	276	5385	0.101	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.228	278	4197	0.102	ng/ul#	66
29) Benzo(g,h,i)perylene	26.966	276	4652	0.101	ng/ul#	84

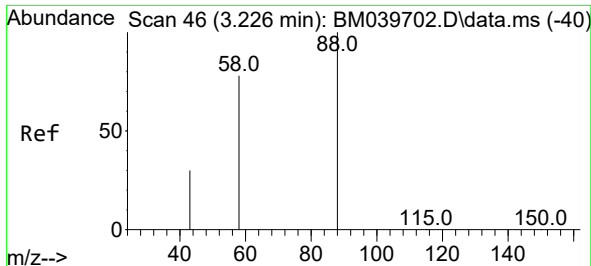
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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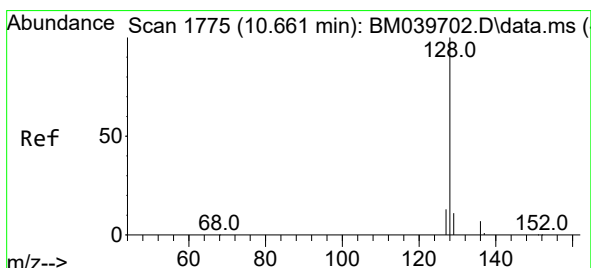
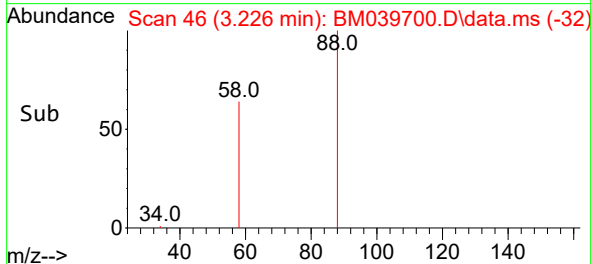
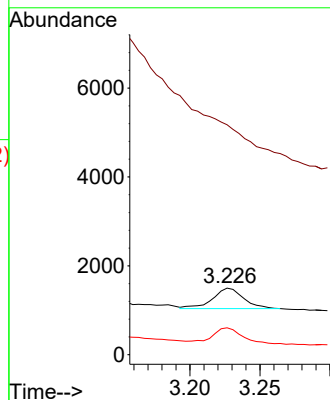
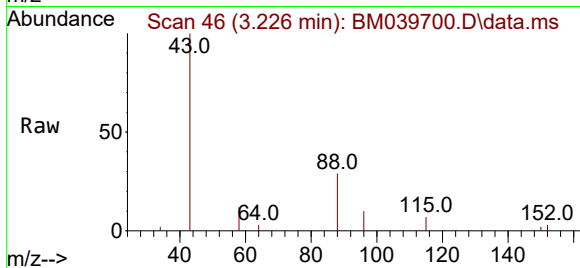




#2
1,4-Dioxane
Concen: 0.113 ng/ul
RT: 3.226 min Scan# 46
Delta R.T. 0.000 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

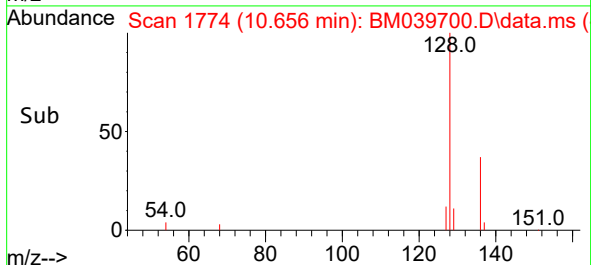
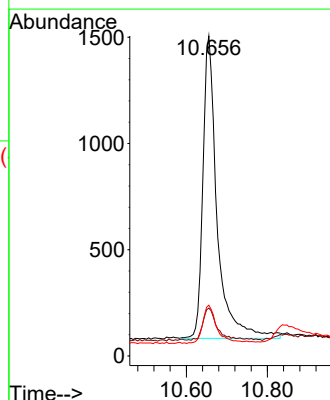
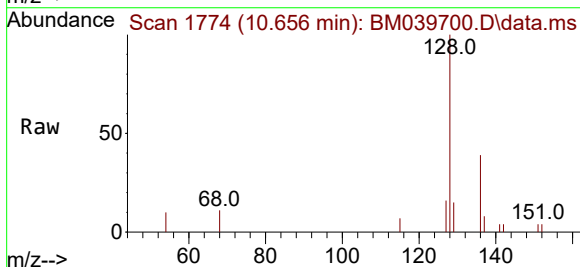
Instrument :
BNA_M
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SSTD0.1022

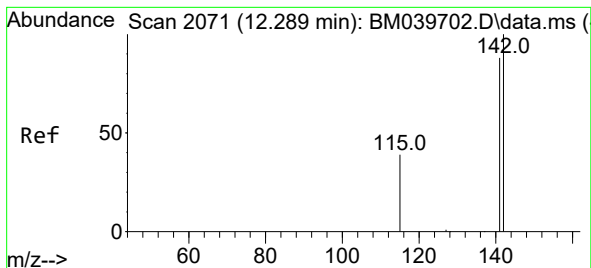
Tgt Ion: 88 Resp: 700
Ion Ratio Lower Upper
88 100
43 345.6 102.6 153.8#
58 40.3 40.6 61.0#



#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.656 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

Tgt Ion: 128 Resp: 3464
Ion Ratio Lower Upper
128 100
129 14.9 9.8 14.6#
127 15.9 11.1 16.7

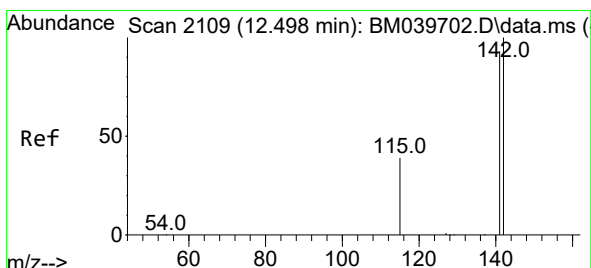
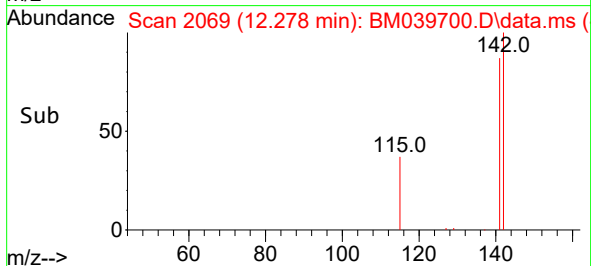
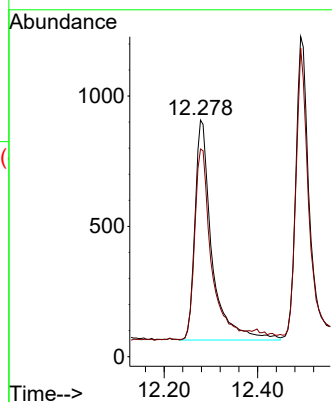
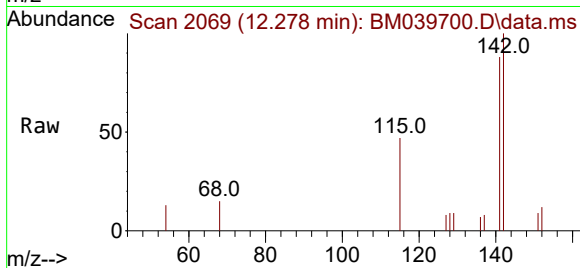




#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.278 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

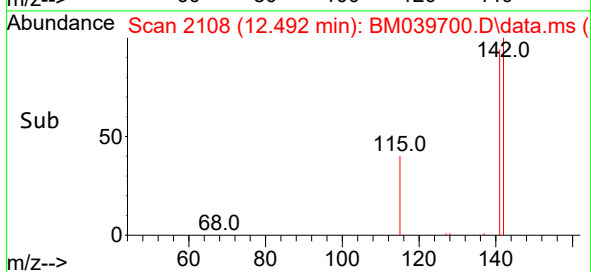
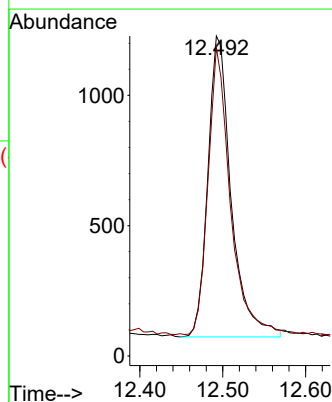
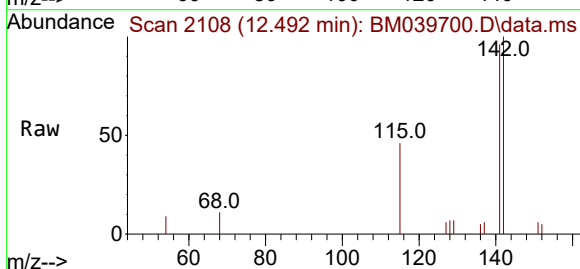
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

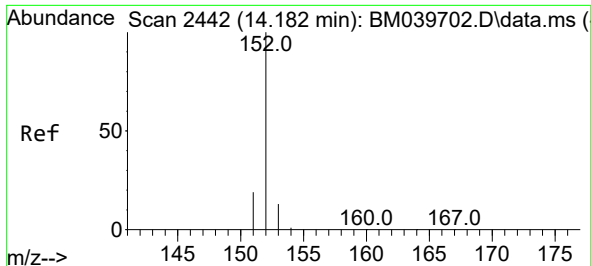
Tgt Ion:142 Resp: 2126
Ion Ratio Lower Upper
142 100
141 90.6 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.492 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

Tgt Ion:142 Resp: 2262
Ion Ratio Lower Upper
142 100
141 90.2 73.4 110.2

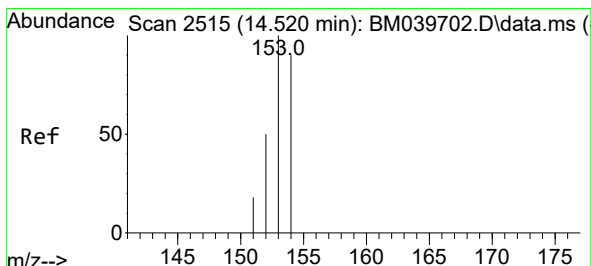
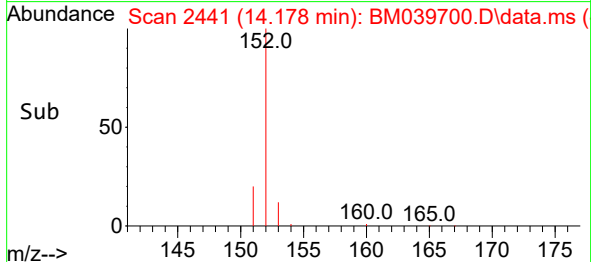
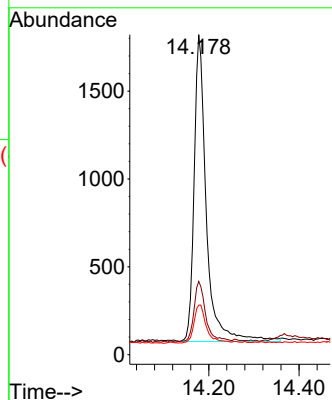
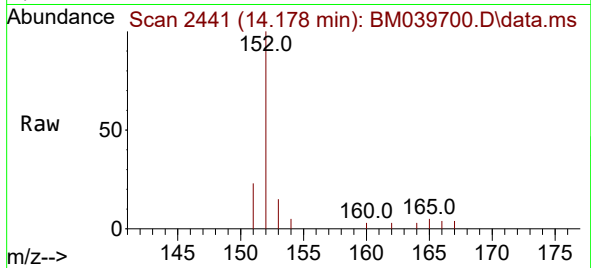




#10
Acenaphthylene
Concen: 0.099 ng/ul
RT: 14.178 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

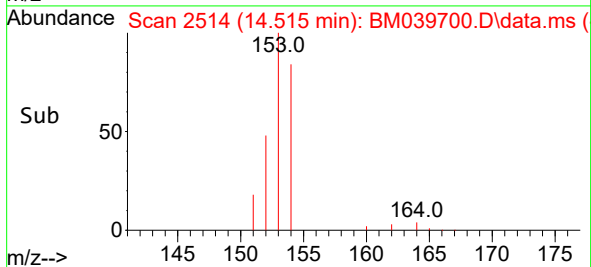
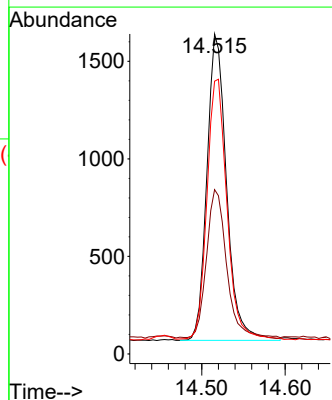
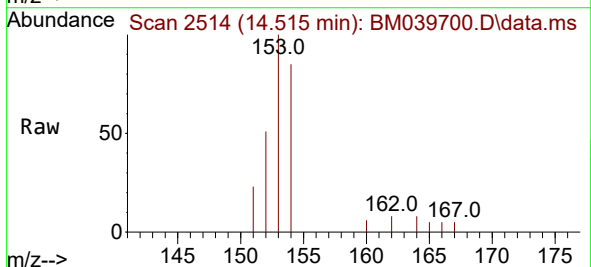
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

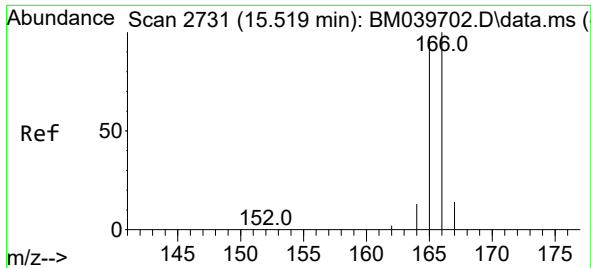
Tgt Ion:152 Resp: 3294
Ion Ratio Lower Upper
152 100
151 22.9 16.0 24.0
153 15.5 11.2 16.8



#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.515 min Scan# 2514
Delta R.T. -0.005 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

Tgt Ion:153 Resp: 2569
Ion Ratio Lower Upper
153 100
152 51.3 40.6 61.0
154 85.2 71.9 107.9

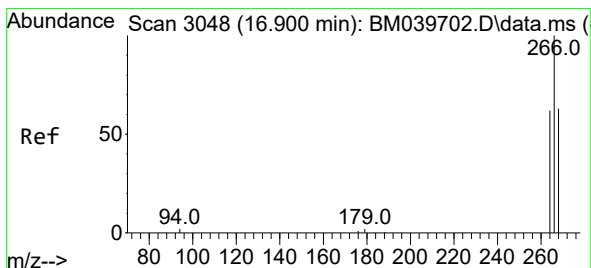
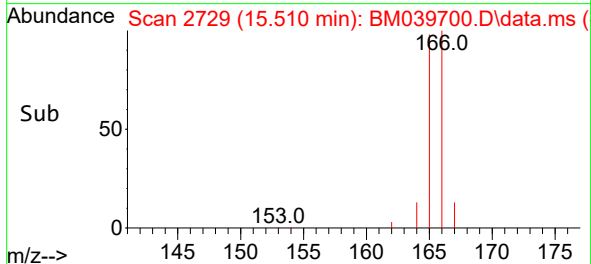
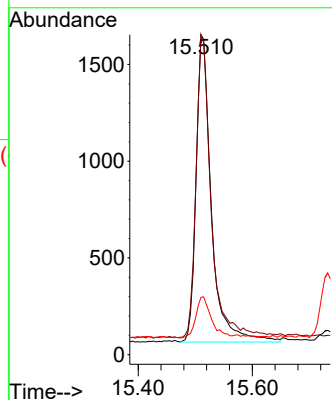
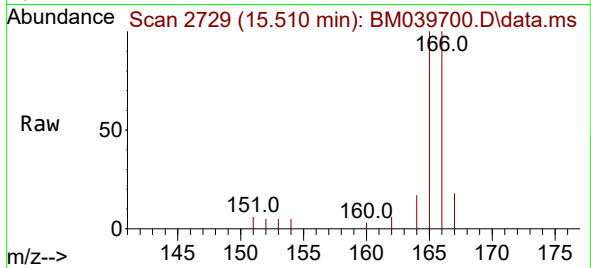




#12
Fluorene
Concen: 0.102 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

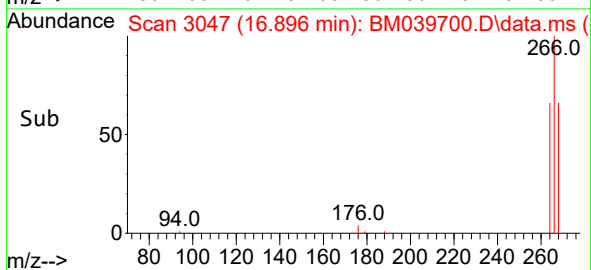
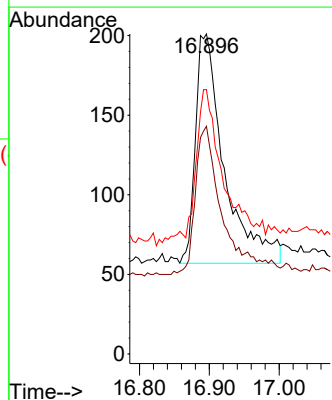
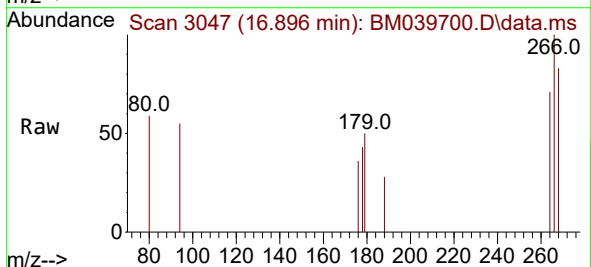
Instrument :
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ClientSampleId :
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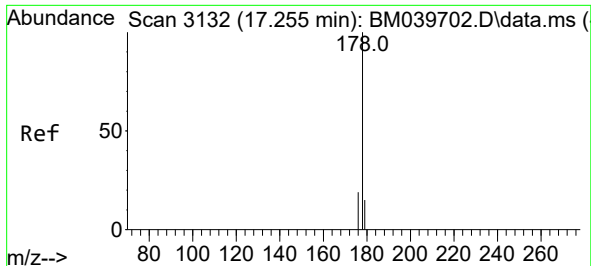
Tgt Ion:166 Resp: 2957
Ion Ratio Lower Upper
166 100
165 100.1 79.0 118.6
167 18.0 11.8 17.6#



#14
Pentachlorophenol
Concen: 0.108 ng/ul
RT: 16.896 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

Tgt Ion:266 Resp: 413
Ion Ratio Lower Upper
266 100
264 60.8 48.8 73.2
268 67.8 50.4 75.6

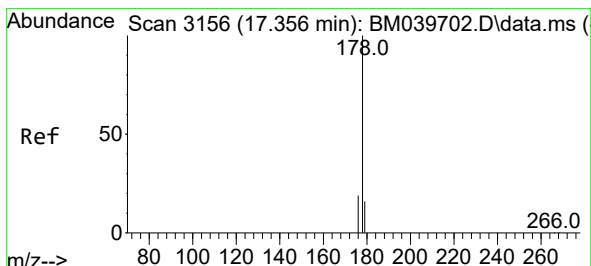
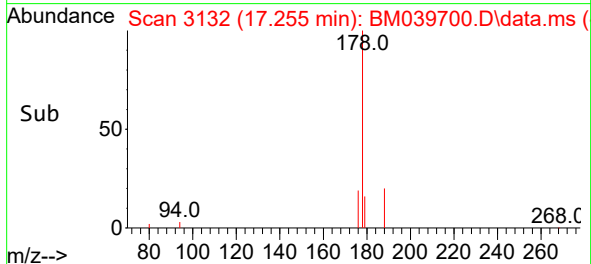
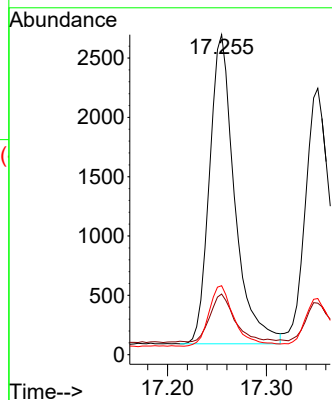
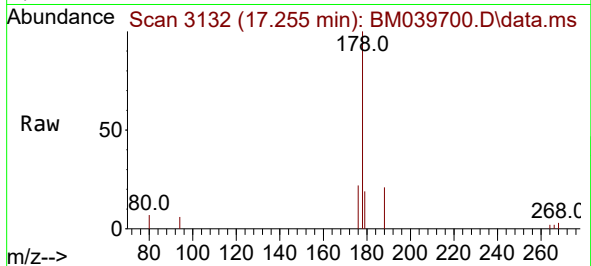




#15
Phenanthrene
Concen: 0.100 ng/ul
RT: 17.255 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

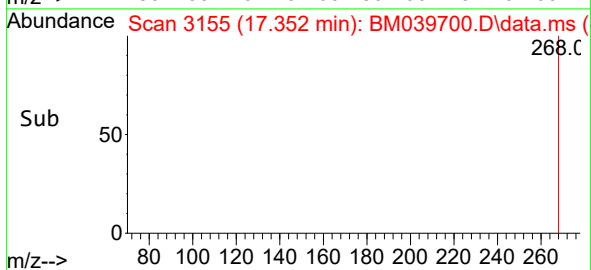
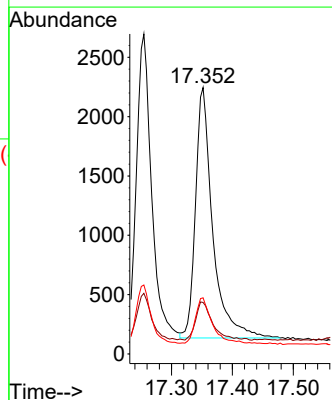
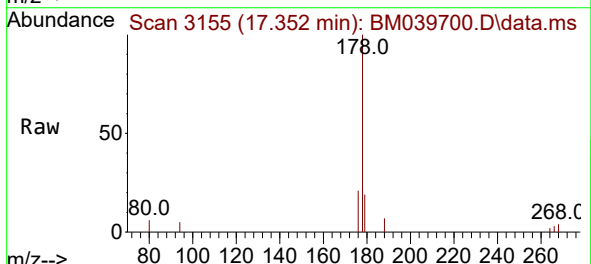
Instrument :
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ClientSampleId :
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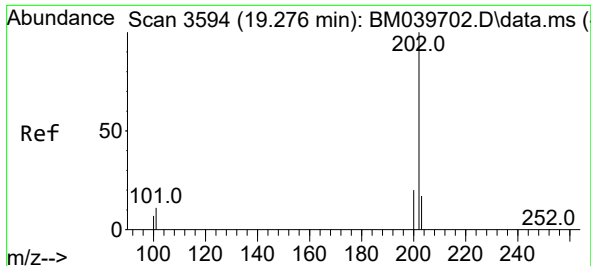
Tgt Ion:178 Resp: 4614
Ion Ratio Lower Upper
178 100
179 18.9 13.0 19.6
176 21.5 15.8 23.8



#16
Anthracene
Concen: 0.104 ng/ul
RT: 17.352 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

Tgt Ion:178 Resp: 4148
Ion Ratio Lower Upper
178 100
179 19.3 13.8 20.6
176 21.1 15.8 23.8

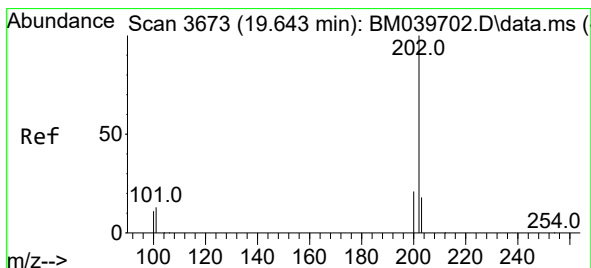
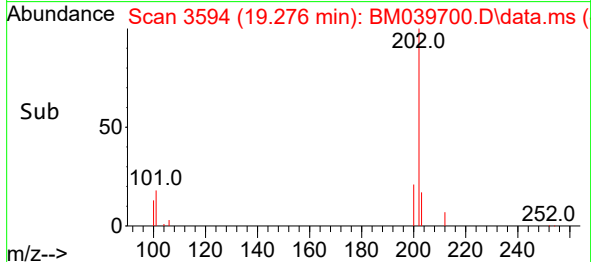
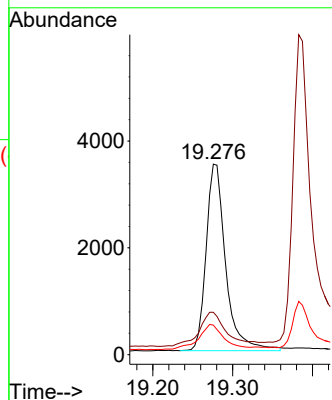
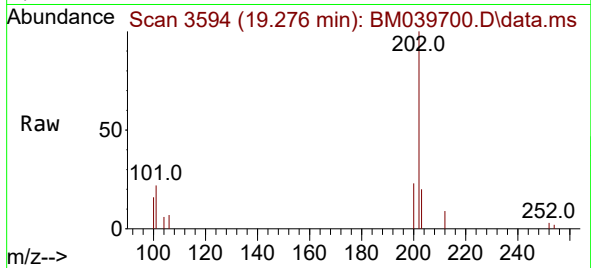




#19
Fluoranthene
Concen: 0.107 ng/ul
RT: 19.276 min Scan# 3594
Delta R.T. 0.000 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

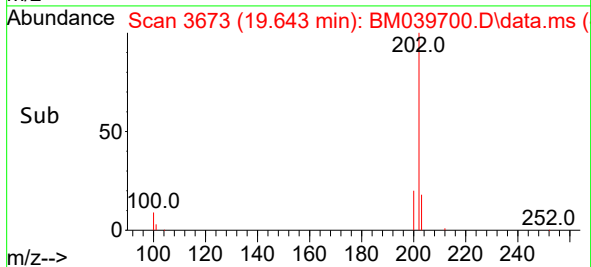
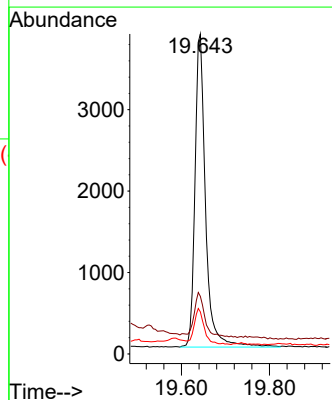
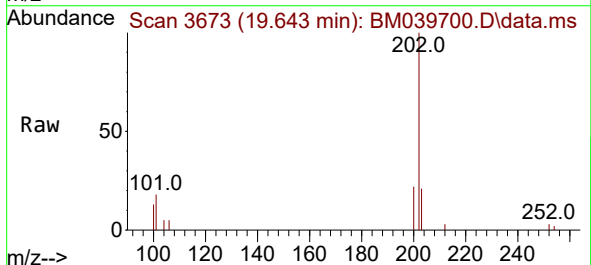
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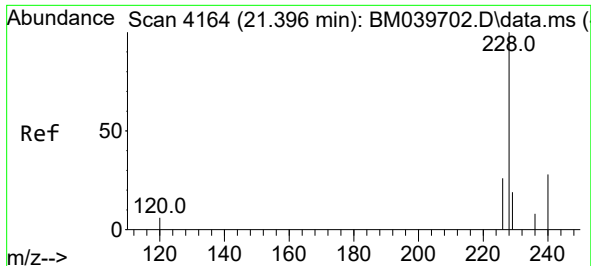
Tgt Ion:202 Resp: 5942
Ion Ratio Lower Upper
202 100
101 22.3 9.8 14.8#
100 15.5 7.3 10.9#



#20
Pyrene
Concen: 0.107 ng/ul
RT: 19.643 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

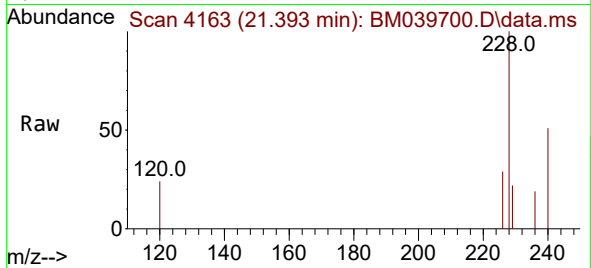
Tgt Ion:202 Resp: 6413
Ion Ratio Lower Upper
202 100
101 18.0 10.9 16.3#
100 13.1 8.9 13.3



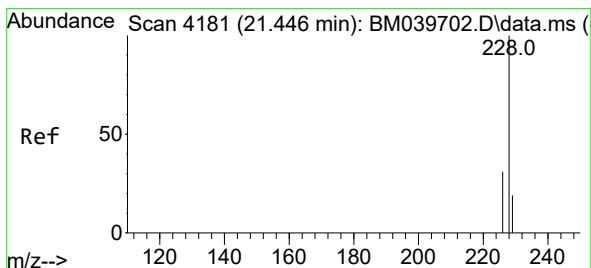
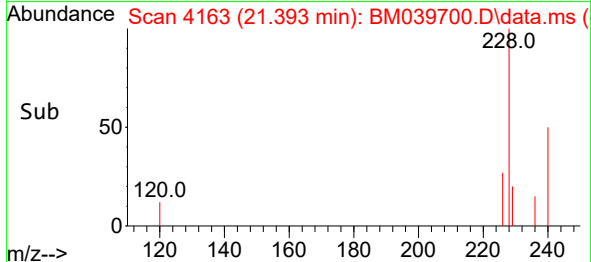
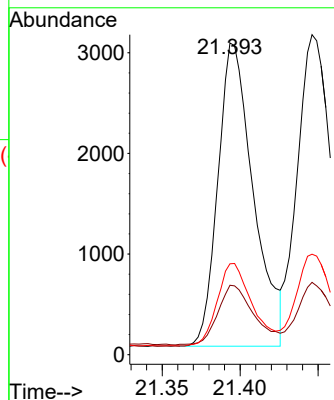


#21
Benzo(a)anthracene
Concen: 0.107 ng/ul
RT: 21.393 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

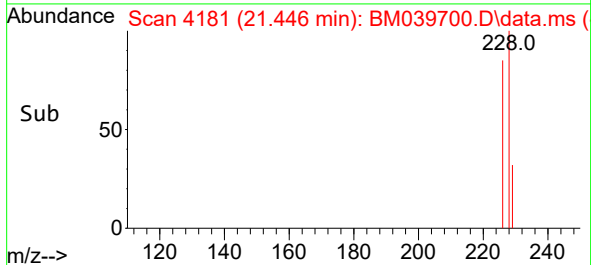
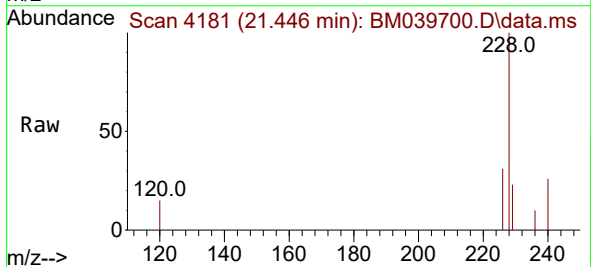
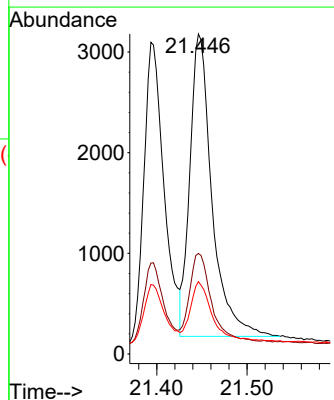


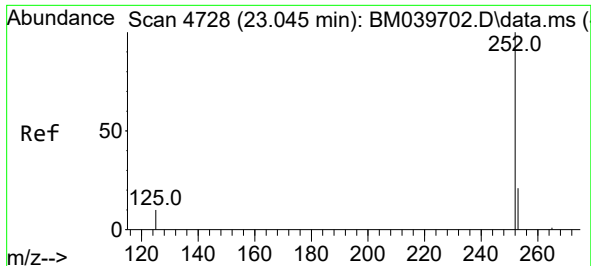
Tgt Ion:228 Resp: 4768
Ion Ratio Lower Upper
228 100
229 22.3 16.2 24.2
226 29.2 21.6 32.4



#22
Chrysene
Concen: 0.101 ng/ul
RT: 21.446 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

Tgt Ion:228 Resp: 5099
Ion Ratio Lower Upper
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226 31.4 24.3 36.5
229 22.6 15.9 23.9

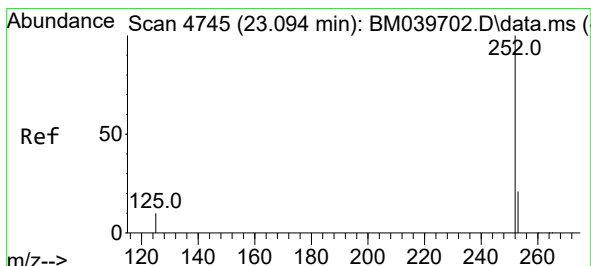
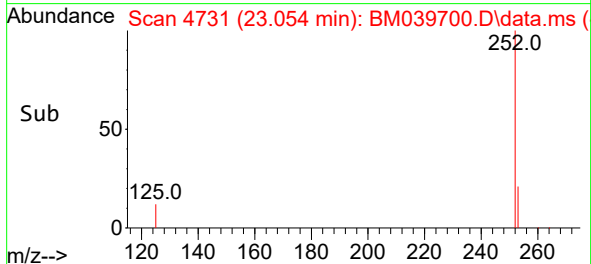
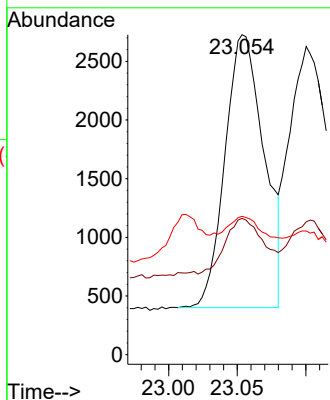
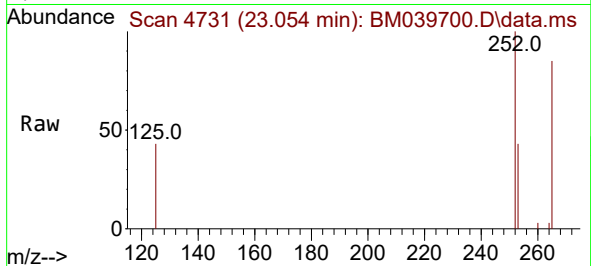




#24
Benzo(b)fluoranthene
Concen: 0.099 ng/ul
RT: 23.054 min Scan# 41
Delta R.T. 0.009 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

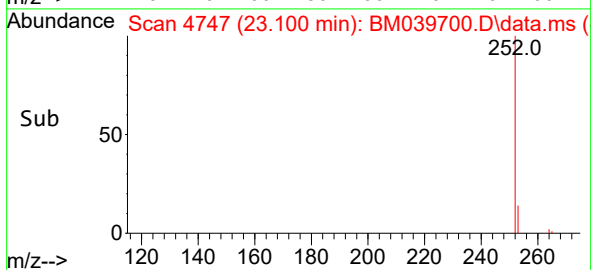
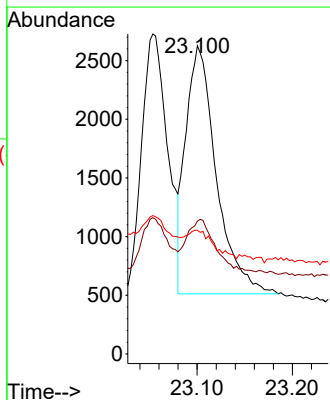
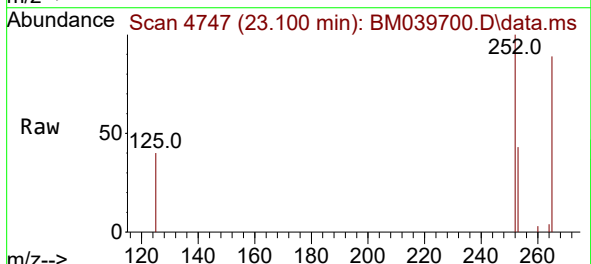
Instrument :
BNA_M
ClientSampleId :
SSTD0.1022

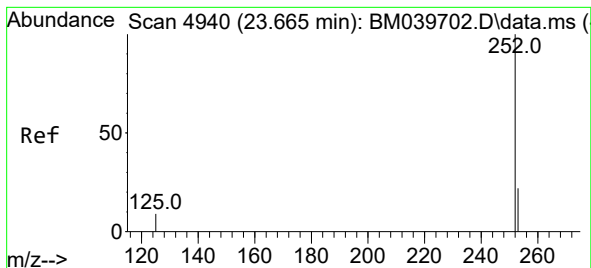
Tgt Ion:252 Resp: 4609
Ion Ratio Lower Upper
252 100
253 42.6 0.0 52.8
125 43.3 0.0 31.6#



#25
Benzo(k)fluoranthene
Concen: 0.099 ng/ul
RT: 23.100 min Scan# 4747
Delta R.T. 0.006 min
Lab File: BM039700.D
Acq: 27 Apr 2023 10:00

Tgt Ion:252 Resp: 4717
Ion Ratio Lower Upper
252 100
253 43.1 21.3 31.9#
125 40.1 13.0 19.6#





#26

Benzo(a)pyrene

Concen: 0.096 ng/ul

RT: 23.670 min Scan# 4942

Delta R.T. 0.006 min

Lab File: BM039700.D

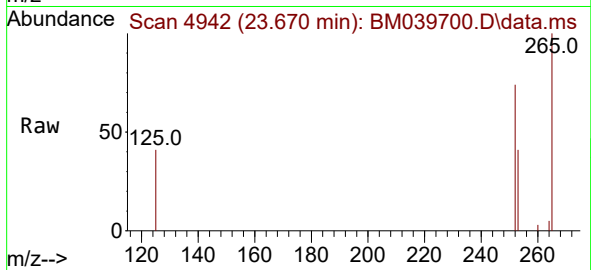
Acq: 27 Apr 2023 10:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.1022



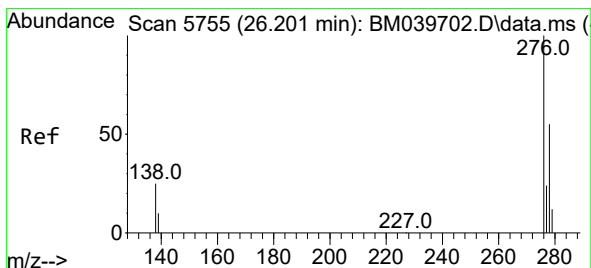
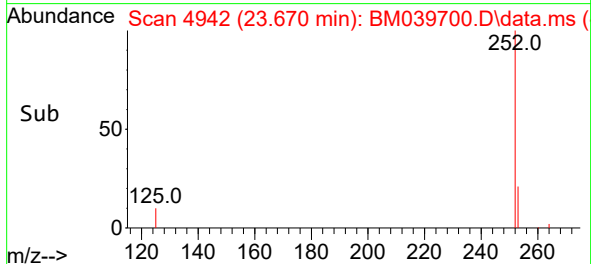
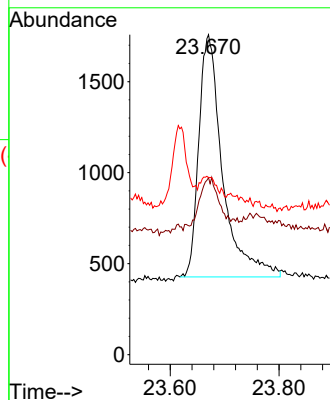
Tgt Ion:252 Resp: 4042

Ion Ratio Lower Upper

252 100

253 55.3 24.7 37.1#

125 55.3 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.101 ng/ul

RT: 26.214 min Scan# 5759

Delta R.T. 0.013 min

Lab File: BM039700.D

Acq: 27 Apr 2023 10:00

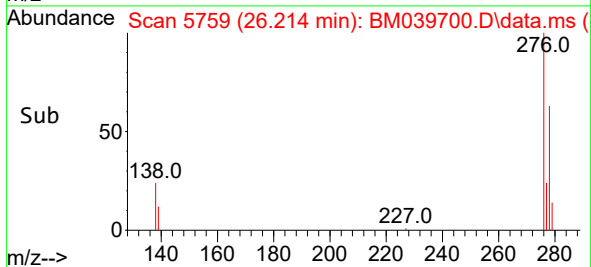
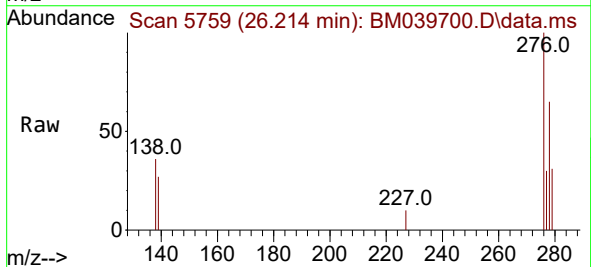
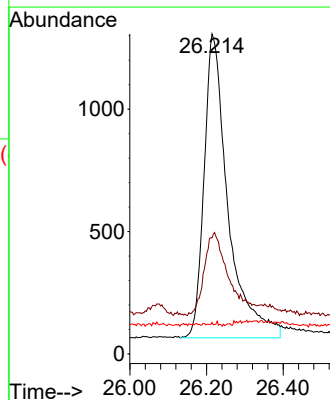
Tgt Ion:276 Resp: 5385

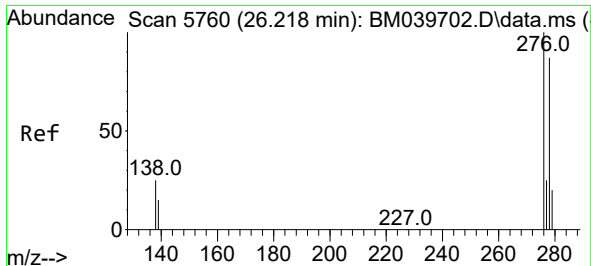
Ion Ratio Lower Upper

276 100

138 0.0 21.1 31.7#

227 0.0 0.1 0.1#

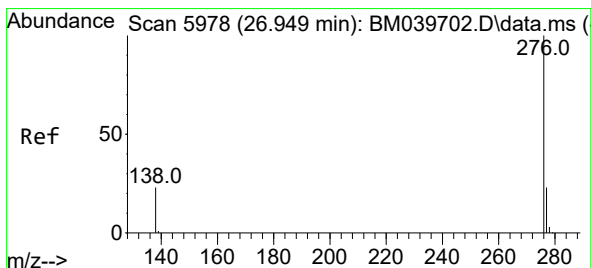
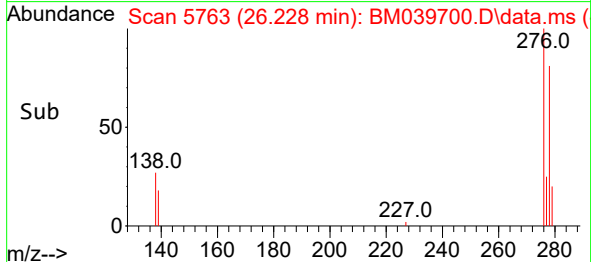
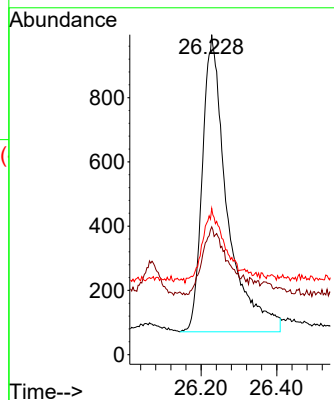
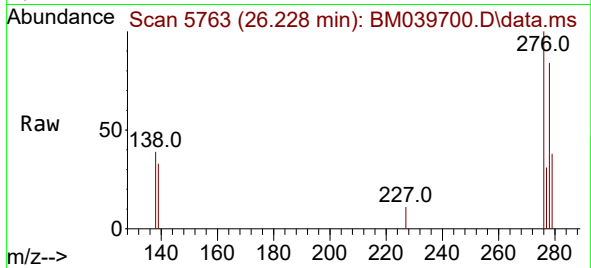




#28
 Dibenzo(a,h)anthracene
 Concen: 0.102 ng/ul
 RT: 26.228 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: BM039700.D
 Acq: 27 Apr 2023 10:00

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1022

Tgt Ion:278 Resp: 4197
 Ion Ratio Lower Upper
 278 100
 139 40.0 17.0 25.6#
 279 45.7 23.4 35.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.101 ng/ul
 RT: 26.966 min Scan# 5983
 Delta R.T. 0.017 min
 Lab File: BM039700.D
 Acq: 27 Apr 2023 10:00

Tgt Ion:276 Resp: 4652
 Ion Ratio Lower Upper
 276 100
 138 35.4 20.1 30.1#
 277 31.3 20.1 30.1#

