

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039699.D
 Acq On : 27 Apr 2023 08:51
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4086

Quant Time: Apr 27 22:36:01 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

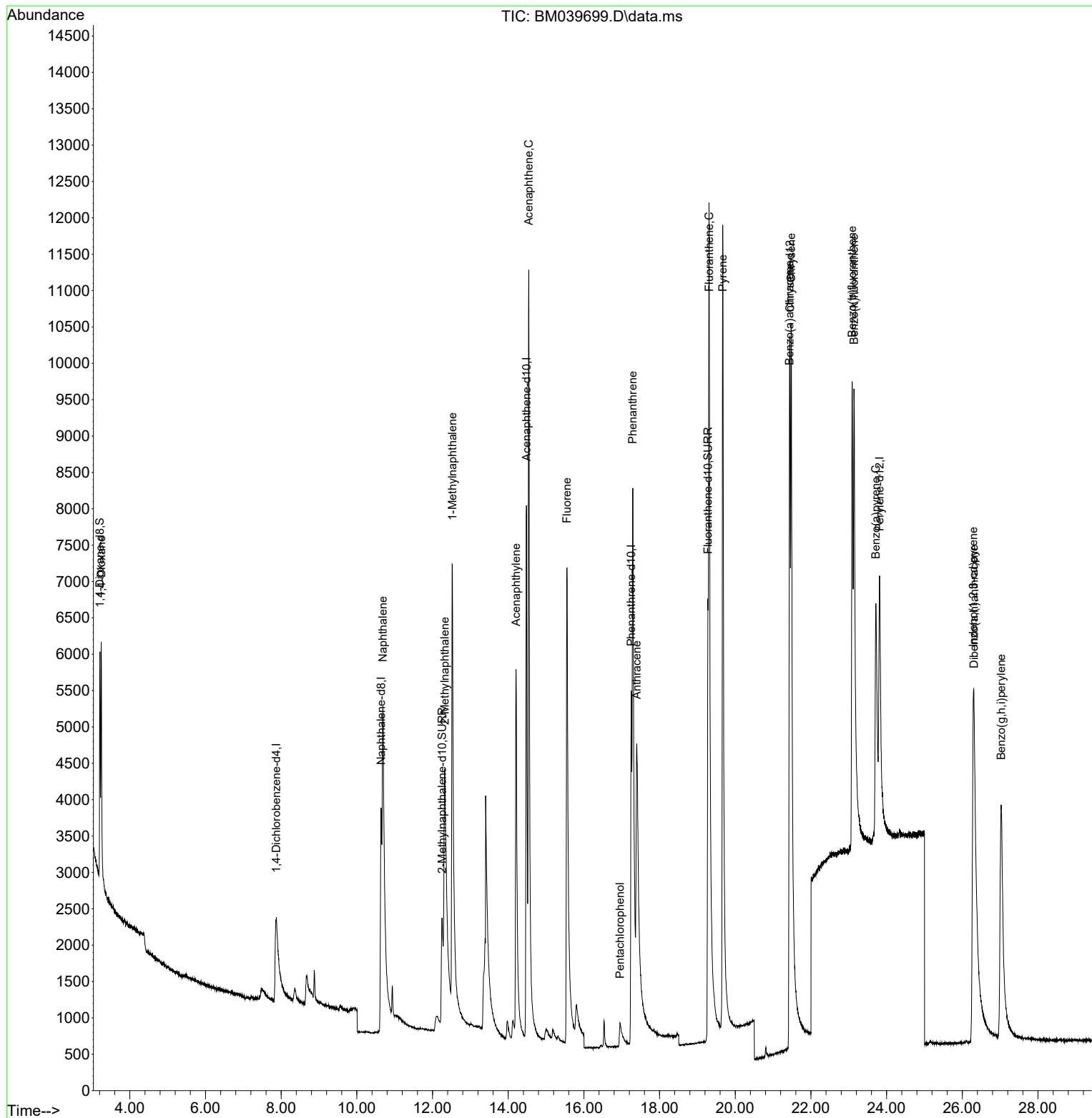
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	2394	0.400	ng/ul	0.05
4) Naphthalene-d8	10.643	136	11131	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.482	164	6369	0.400	ng/ul	0.03
13) Phenanthrene-d10	17.249	188	10190	0.400	ng/ul	0.03
17) Chrysene-d12	21.443	240	8783	0.400	ng/ul	0.03
23) Perylene-d12	23.814	264	6505	0.400	ng/ul	# 0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	2101	0.595	ng/ul	0.02
6) 2-Methylnaphthalene-d10	12.254	152	6218	0.436	ng/ul	0.04
18) Fluoranthene-d10	19.279	212	11991	0.507	ng/ul	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	2169	0.593	ng/ul#	41
5) Naphthalene	10.687	128	12005	0.429	ng/ul	98
7) 2-Methylnaphthalene	12.320	142	6762	0.419	ng/ul	99
8) 1-Methylnaphthalene	12.524	142	7446	0.430	ng/ul	99
10) Acenaphthylene	14.209	152	11321	0.459	ng/ul	98
11) Acenaphthene	14.542	153	9179	0.474	ng/ul	99
12) Fluorene	15.550	166	9539	0.444	ng/ul	100
14) Pentachlorophenol	16.954	266	643	0.290	ng/ul	97
15) Phenanthrene	17.291	178	13235	0.493	ng/ul	98
16) Anthracene	17.397	178	9659	0.419	ng/ul	98
19) Fluoranthene	19.306	202	15601	0.498	ng/ul	99
20) Pyrene	19.669	202	17635	0.521	ng/ul	99
21) Benzo(a)anthracene	21.431	228	9011	0.357	ng/ul	98
22) Chrysene	21.478	228	12843	0.449	ng/ul	100
24) Benzo(b)fluoranthene	23.088	252	11024	0.483	ng/ul	95
25) Benzo(k)fluoranthene	23.138	252	11374	0.489	ng/ul	94
26) Benzo(a)pyrene	23.714	252	10190	0.497	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.291	276	12754	0.492	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.311	278	9416	0.468	ng/ul#	92
29) Benzo(g,h,i)perylene	27.026	276	12221	0.541	ng/ul	98

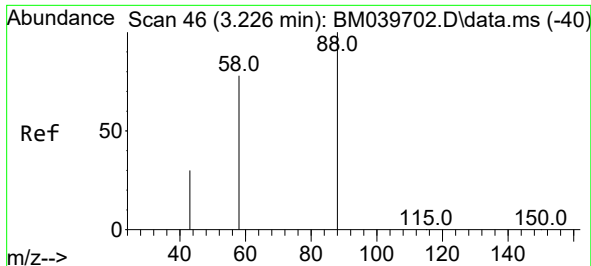
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BM039699.D
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Misc :
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Instrument :
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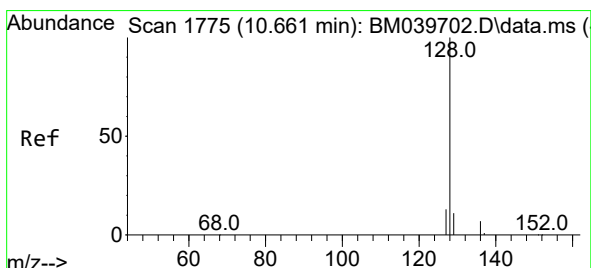
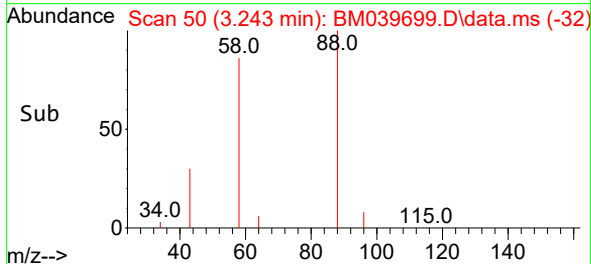
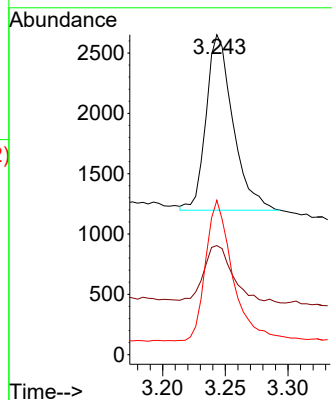
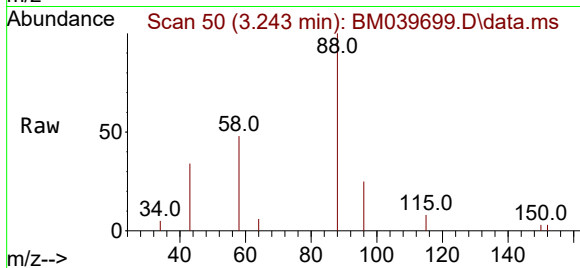




#2
1,4-Dioxane
Concen: 0.593 ng/ul
RT: 3.243 min Scan# 50
Delta R.T. 0.017 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

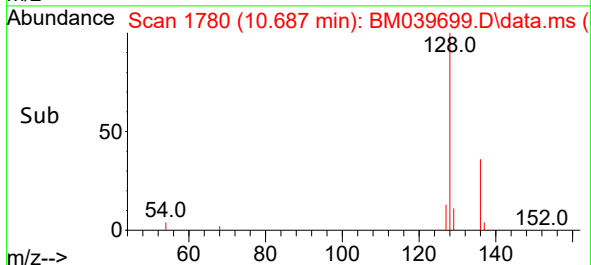
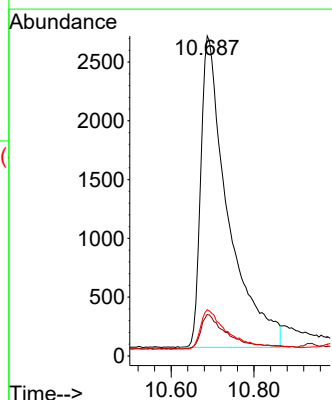
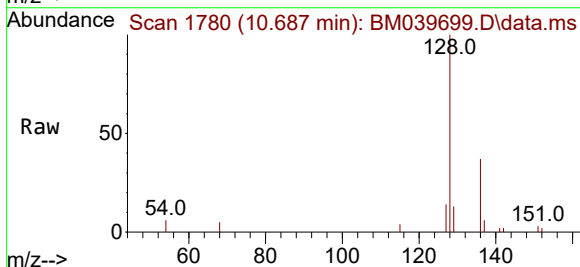
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BNA_M
ClientSampleId :
SSTD0.4086

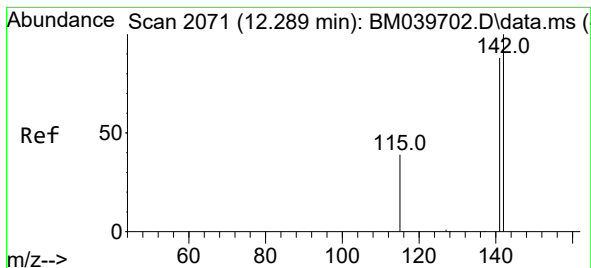
Tgt Ion: 88 Resp: 2169
Ion Ratio Lower Upper
88 100
43 34.1 102.6 153.8#
58 48.3 40.6 61.0



#5
Naphthalene
Concen: 0.429 ng/ul
RT: 10.687 min Scan# 1780
Delta R.T. 0.026 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

Tgt Ion: 128 Resp: 12005
Ion Ratio Lower Upper
128 100
129 12.9 9.8 14.6
127 14.4 11.1 16.7

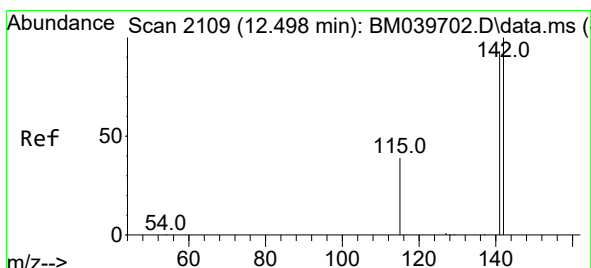
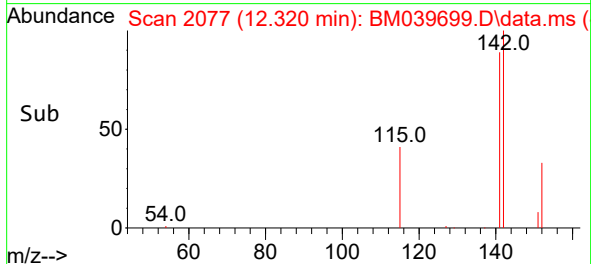
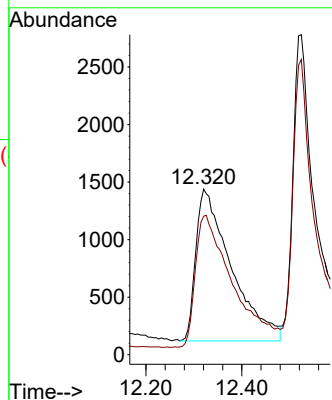
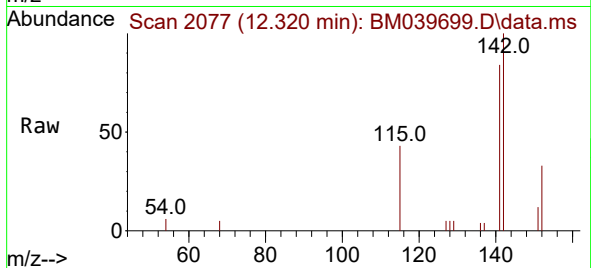




#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.320 min Scan# 2071
Delta R.T. 0.032 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

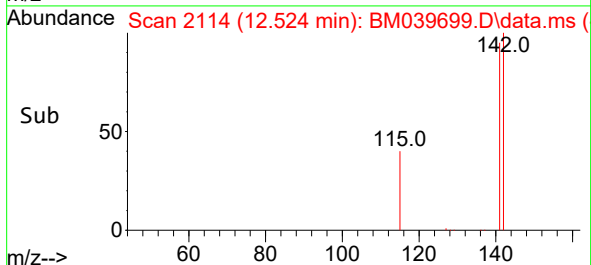
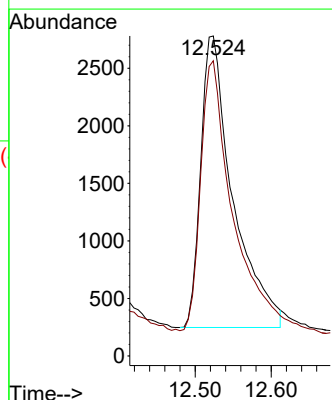
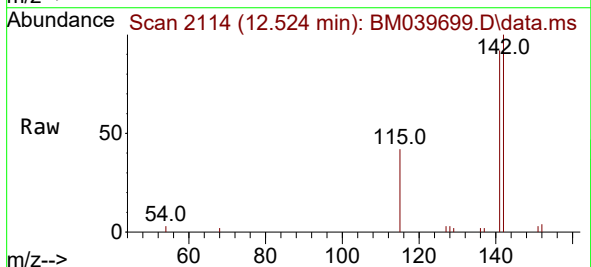
Instrument :
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ClientSampleId :
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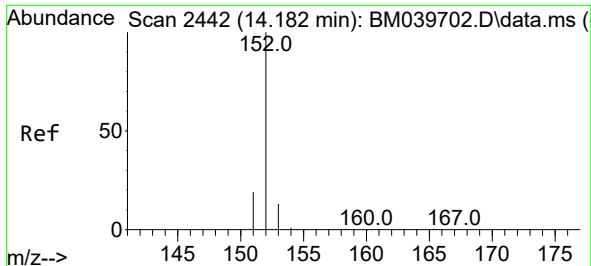
Tgt Ion:142 Resp: 6762
Ion Ratio Lower Upper
142 100
141 92.8 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.524 min Scan# 2114
Delta R.T. 0.026 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

Tgt Ion:142 Resp: 7446
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2

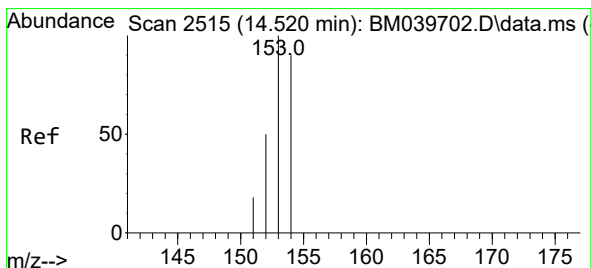
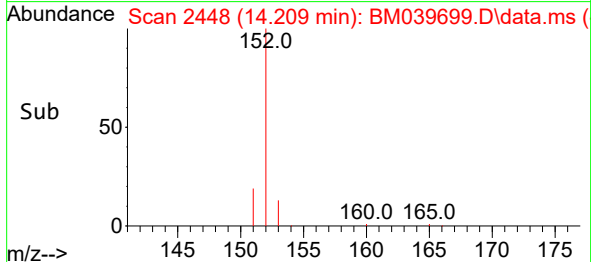
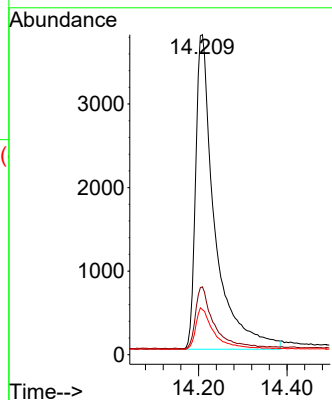
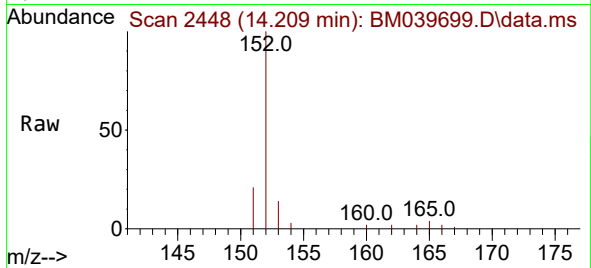




#10
Acenaphthylene
Concen: 0.459 ng/ul
RT: 14.209 min Scan# 2448
Delta R.T. 0.026 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

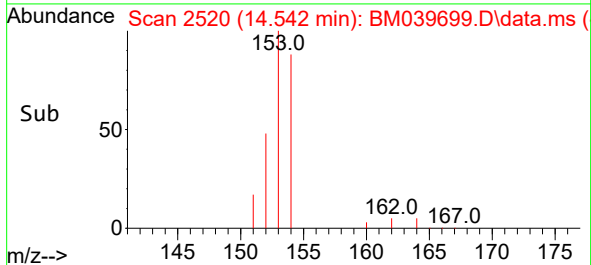
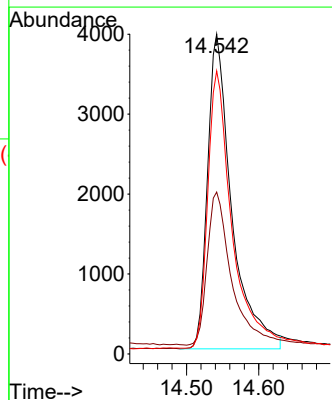
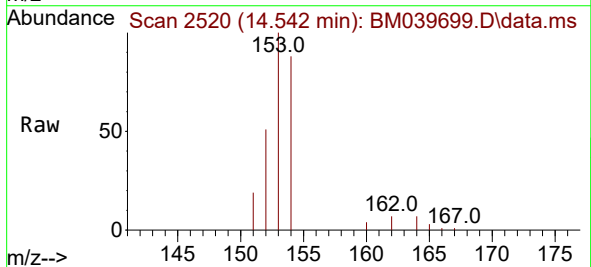
Instrument :
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ClientSampleId :
SSTD0.4086

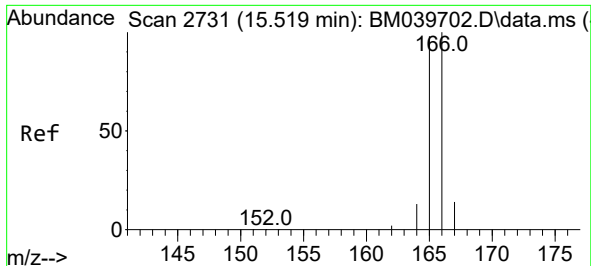
Tgt Ion:152 Resp: 11321
Ion Ratio Lower Upper
152 100
151 21.2 16.0 24.0
153 14.1 11.2 16.8



#11
Acenaphthene
Concen: 0.474 ng/ul
RT: 14.542 min Scan# 2520
Delta R.T. 0.022 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

Tgt Ion:153 Resp: 9179
Ion Ratio Lower Upper
153 100
152 50.6 40.6 61.0
154 88.5 71.9 107.9

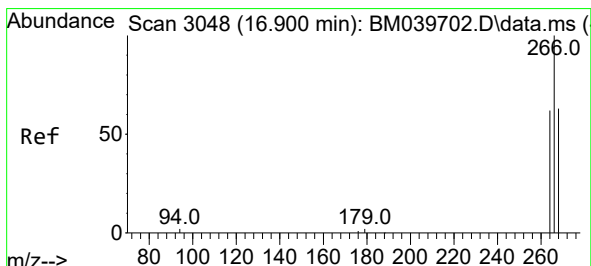
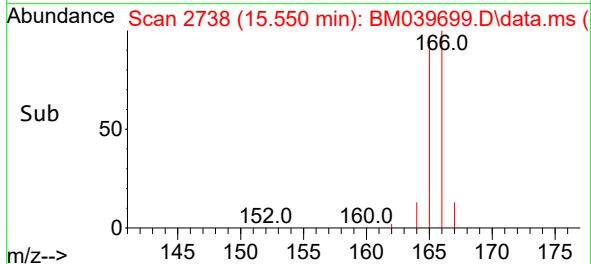
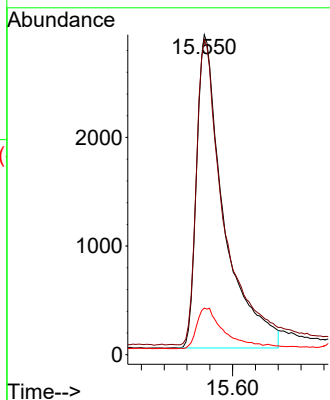
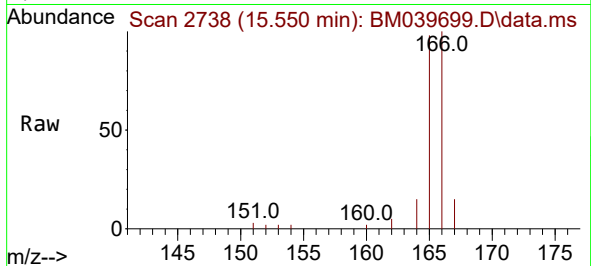




#12
Fluorene
Concen: 0.444 ng/ul
RT: 15.550 min Scan# 21
Delta R.T. 0.031 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

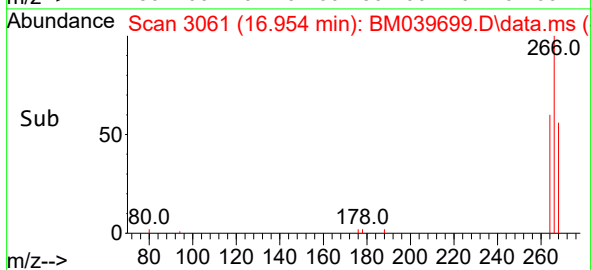
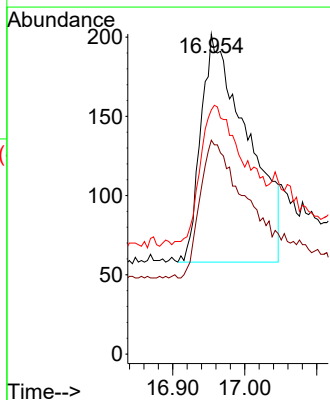
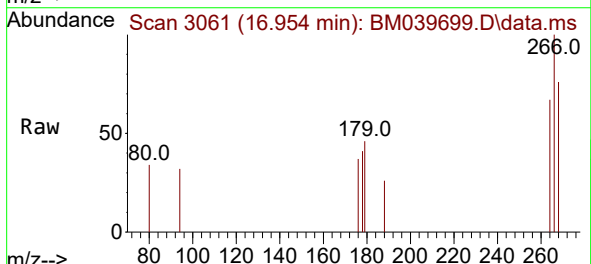
Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

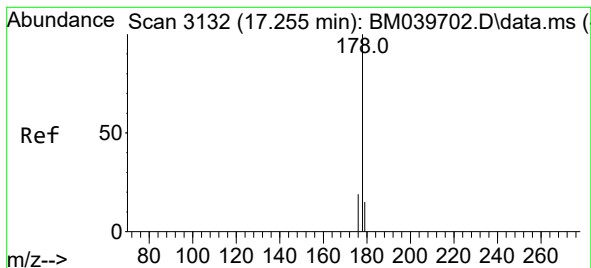
Tgt Ion:166 Resp: 9539
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 14.6 11.8 17.6



#14
Pentachlorophenol
Concen: 0.290 ng/ul
RT: 16.954 min Scan# 3061
Delta R.T. 0.053 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

Tgt Ion:266 Resp: 643
Ion Ratio Lower Upper
266 100
264 61.9 48.8 73.2
268 66.1 50.4 75.6





#15

Phenanthrene

Concen: 0.493 ng/ul

RT: 17.291 min Scan# 31

Delta R.T. 0.037 min

Lab File: BM039699.D

Acq: 27 Apr 2023 08:51

Instrument :

BNA_M

ClientSampleId :

SSTD0.4086

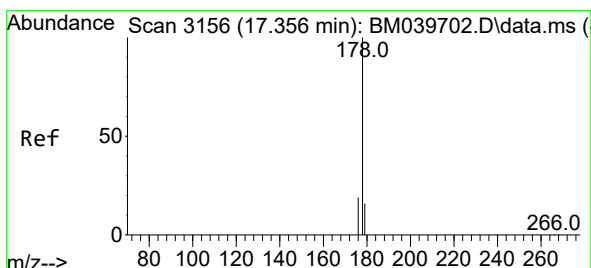
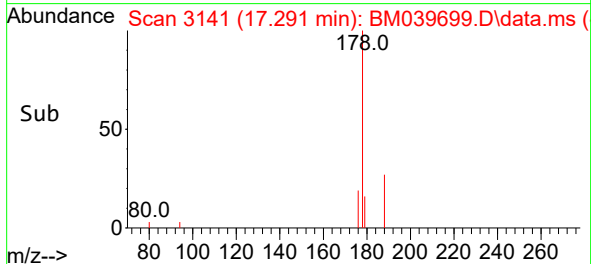
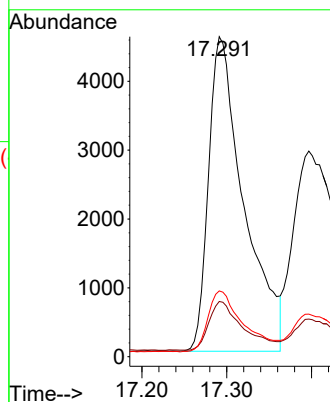
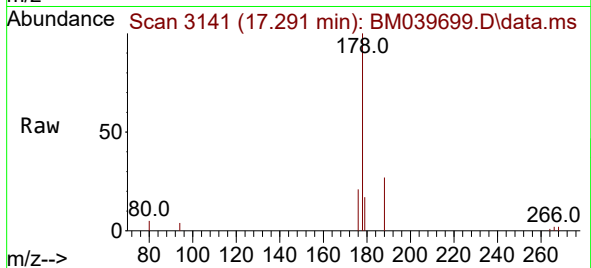
Tgt Ion:178 Resp: 13235

Ion Ratio Lower Upper

178 100

179 17.3 13.0 19.6

176 20.6 15.8 23.8



#16

Anthracene

Concen: 0.419 ng/ul

RT: 17.397 min Scan# 3166

Delta R.T. 0.041 min

Lab File: BM039699.D

Acq: 27 Apr 2023 08:51

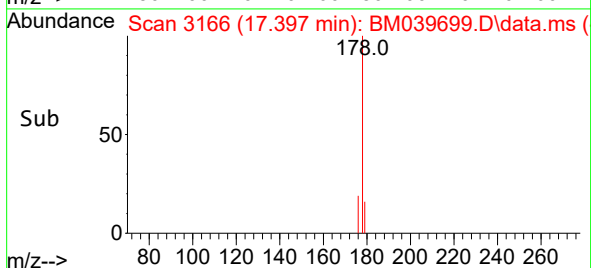
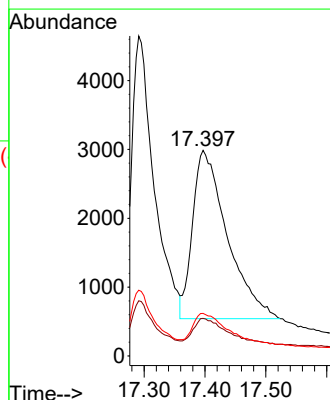
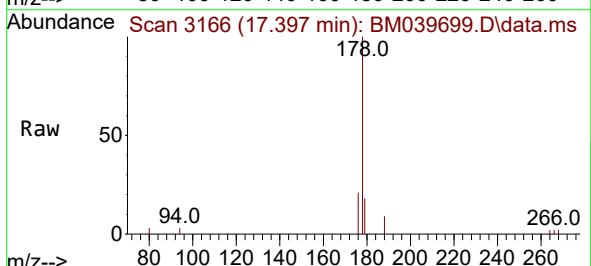
Tgt Ion:178 Resp: 9659

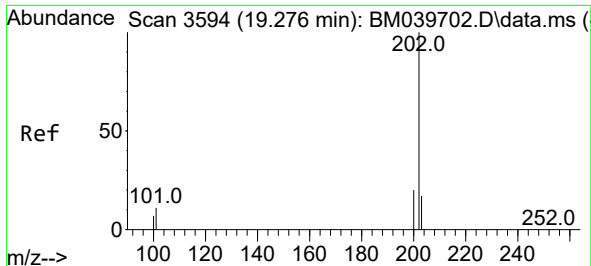
Ion Ratio Lower Upper

178 100

179 18.3 13.8 20.6

176 20.7 15.8 23.8

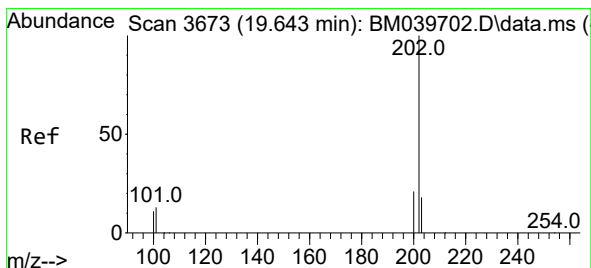
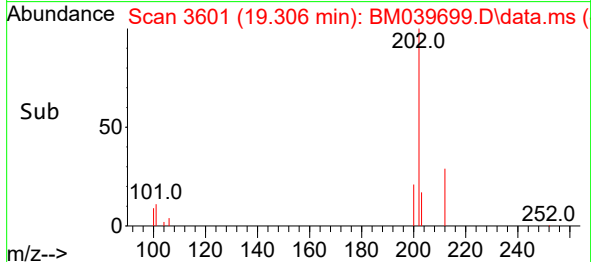
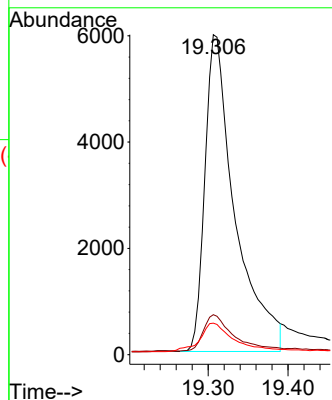
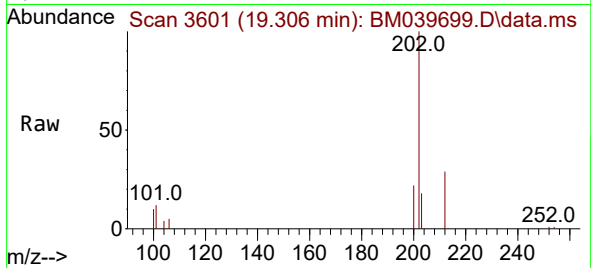




#19
Fluoranthene
Concen: 0.498 ng/ul
RT: 19.306 min Scan# 3
Delta R.T. 0.031 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

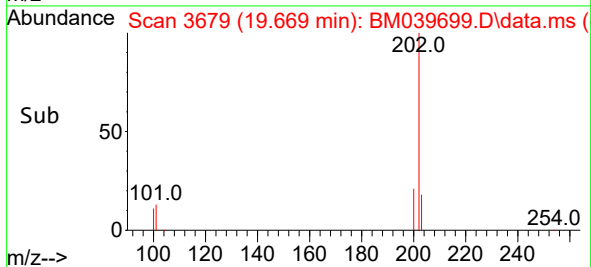
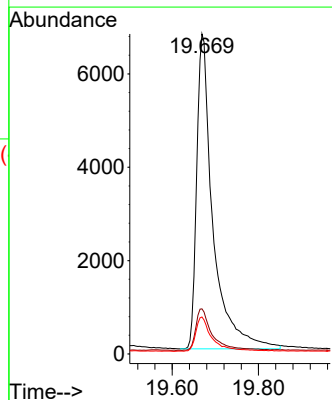
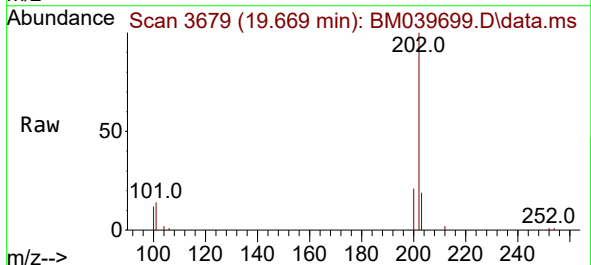
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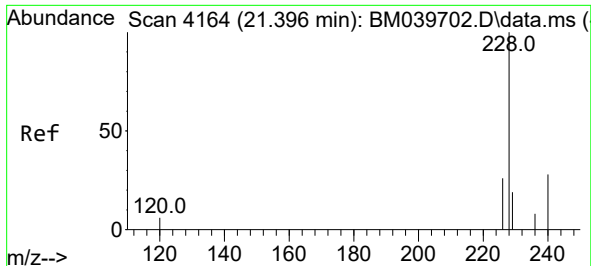
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Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.8
100 9.9 7.3 10.9



#20
Pyrene
Concen: 0.521 ng/ul
RT: 19.669 min Scan# 3679
Delta R.T. 0.026 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

Tgt Ion:202 Resp: 17635
Ion Ratio Lower Upper
202 100
101 14.1 10.9 16.3
100 11.5 8.9 13.3

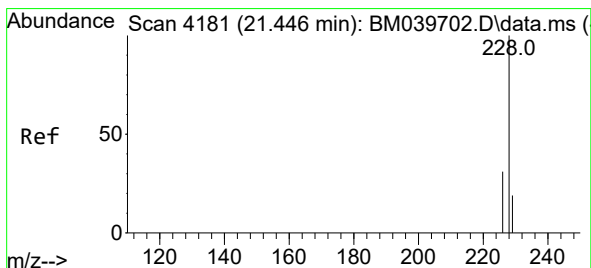
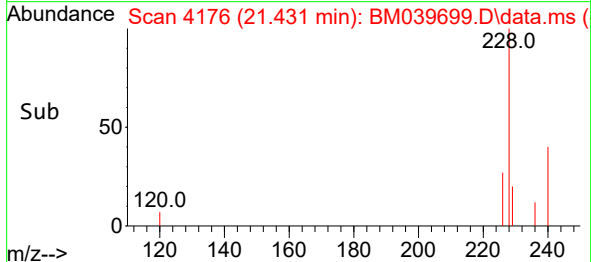
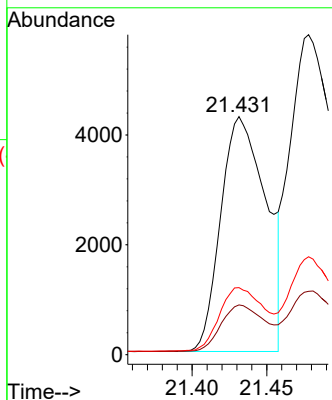
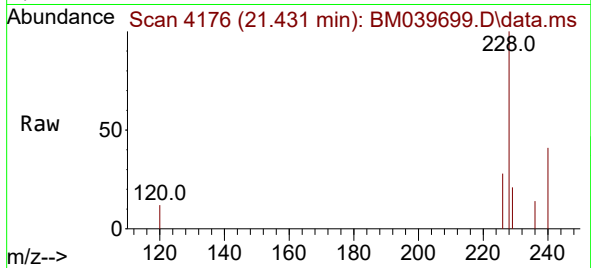




#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.431 min Scan# 411
Delta R.T. 0.035 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

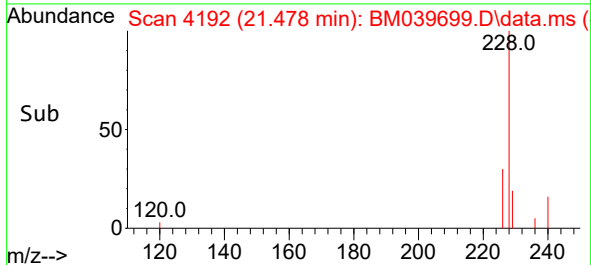
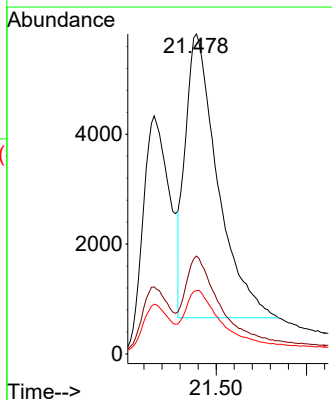
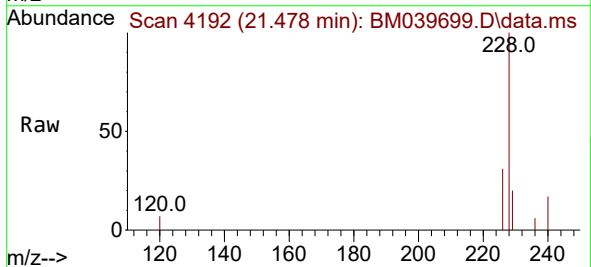
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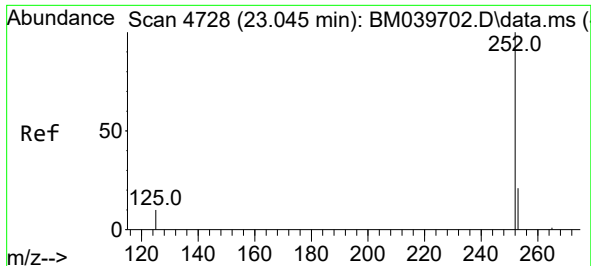
Tgt Ion:228 Resp: 9011
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 28.1 21.6 32.4



#22
Chrysene
Concen: 0.449 ng/ul
RT: 21.478 min Scan# 4192
Delta R.T. 0.032 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

Tgt Ion:228 Resp: 12843
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.8 15.9 23.9

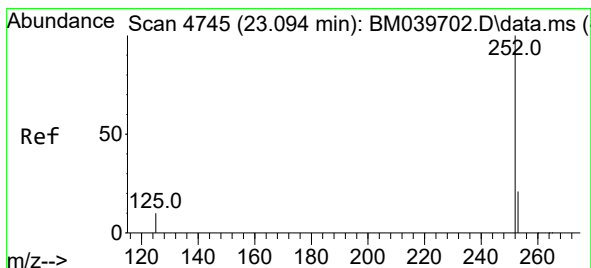
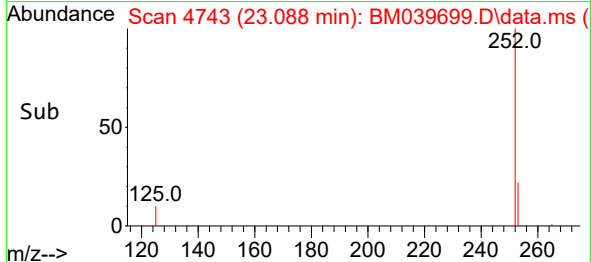
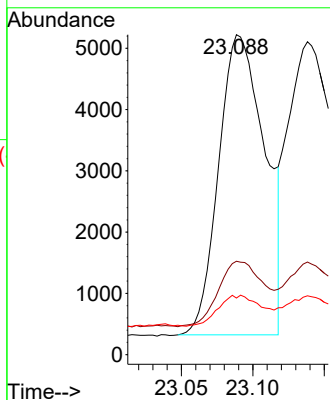
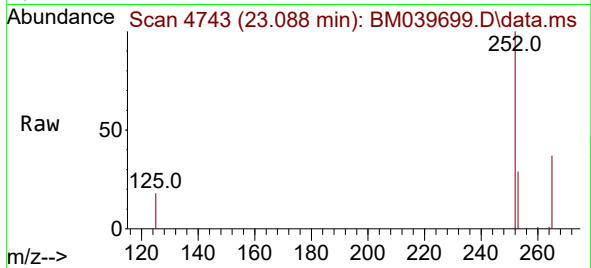




#24
Benzo(b)fluoranthene
Concen: 0.483 ng/ul
RT: 23.088 min Scan# 41
Delta R.T. 0.044 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

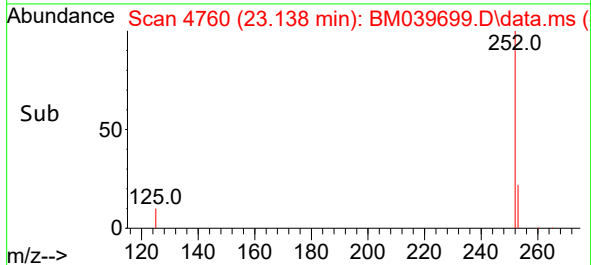
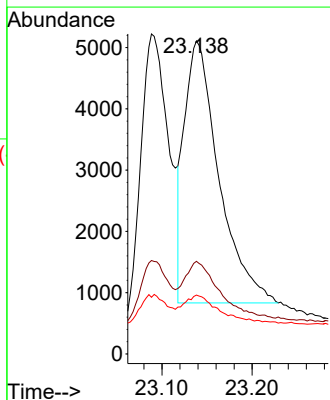
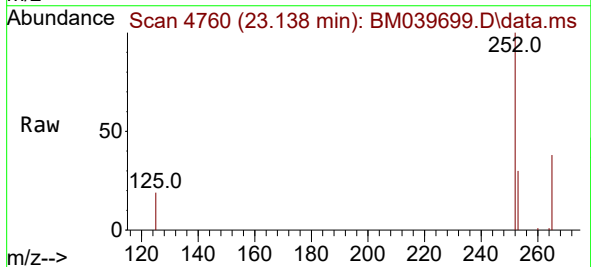
Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

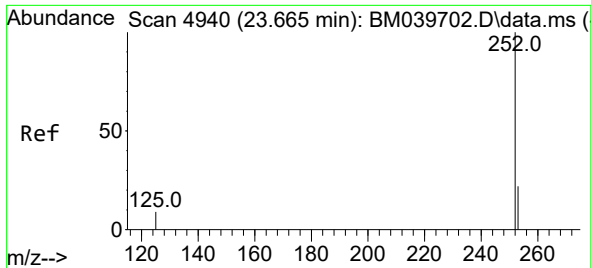
Tgt Ion:252 Resp: 11024
Ion Ratio Lower Upper
252 100
253 29.2 0.0 52.8
125 17.7 0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 0.489 ng/ul
RT: 23.138 min Scan# 4760
Delta R.T. 0.044 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

Tgt Ion:252 Resp: 11374
Ion Ratio Lower Upper
252 100
253 29.6 21.3 31.9
125 18.8 13.0 19.6

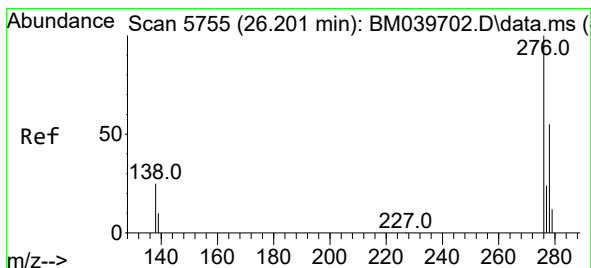
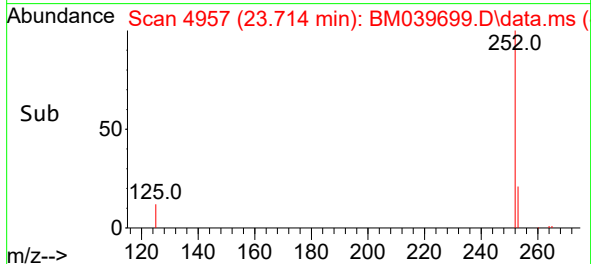
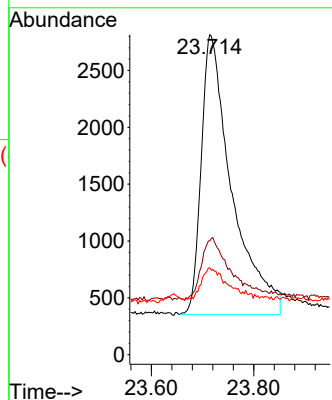
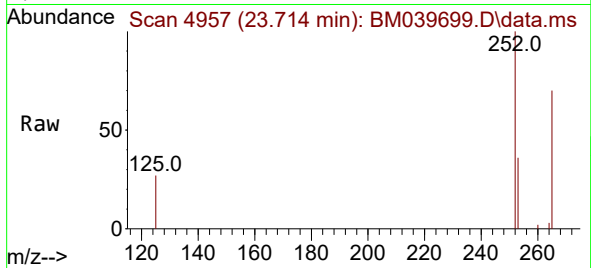




#26
Benzo(a)pyrene
Concen: 0.497 ng/ul
RT: 23.714 min Scan# 4940
Delta R.T. 0.050 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

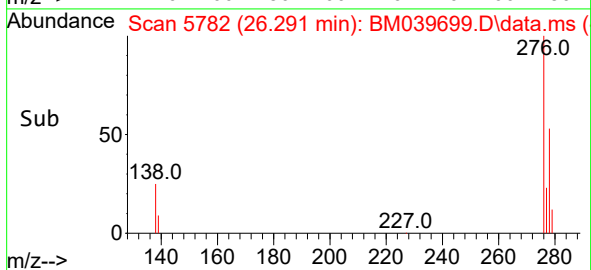
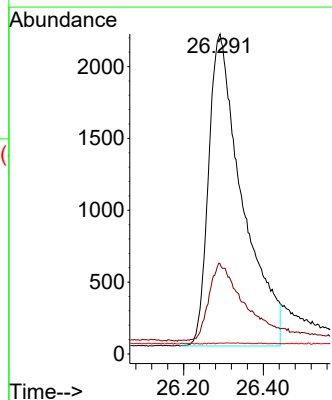
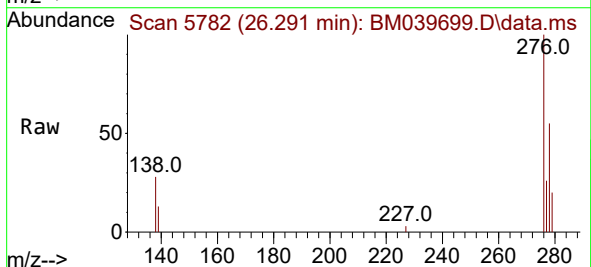
Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

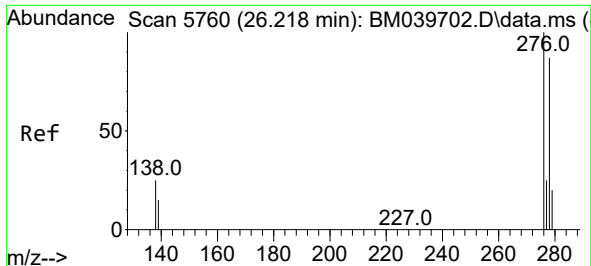
Tgt Ion:252 Resp: 10190
Ion Ratio Lower Upper
252 100
253 35.6 24.7 37.1
125 27.2 16.5 24.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.492 ng/ul
RT: 26.291 min Scan# 5782
Delta R.T. 0.090 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

Tgt Ion:276 Resp: 12754
Ion Ratio Lower Upper
276 100
138 25.7 21.1 31.7
227 0.0 0.1 0.1#

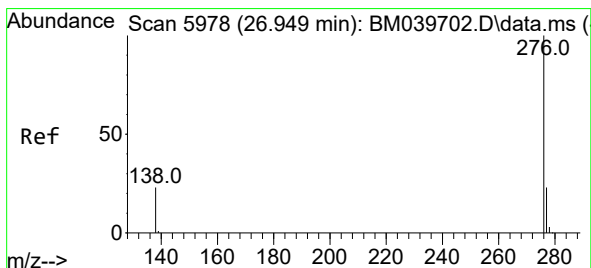
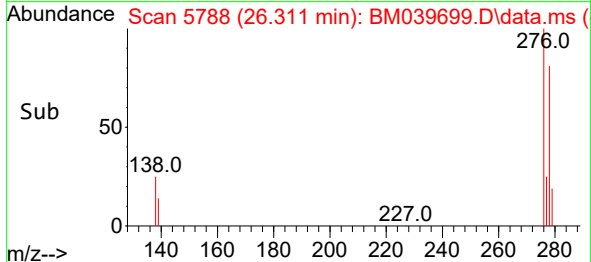
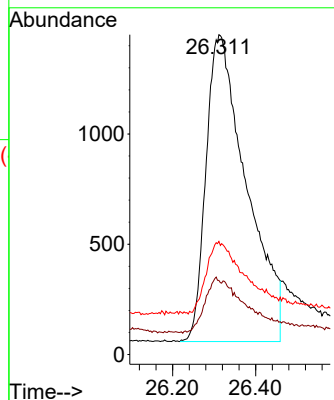
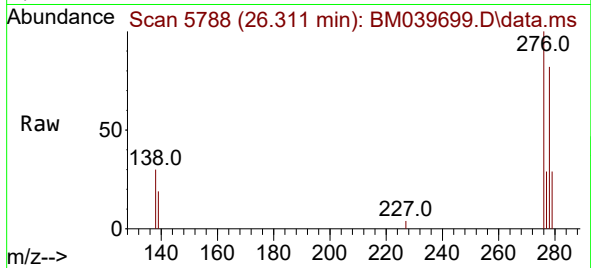




#28
Dibenzo(a,h)anthracene
Concen: 0.468 ng/ul
RT: 26.311 min Scan# 51
Delta R.T. 0.094 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Tgt Ion:278 Resp: 9416
Ion Ratio Lower Upper
278 100
139 23.2 17.0 25.6
279 35.4 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.541 ng/ul
RT: 27.026 min Scan# 6001
Delta R.T. 0.077 min
Lab File: BM039699.D
Acq: 27 Apr 2023 08:51

Tgt Ion:276 Resp: 12221
Ion Ratio Lower Upper
276 100
138 26.2 20.1 30.1
277 26.4 20.1 30.1

