

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039709.D
 Acq On : 27 Apr 2023 17:12
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4086

Quant Time: Apr 27 23:16:58 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 22:46:26 2023
 Response via : Initial Calibration

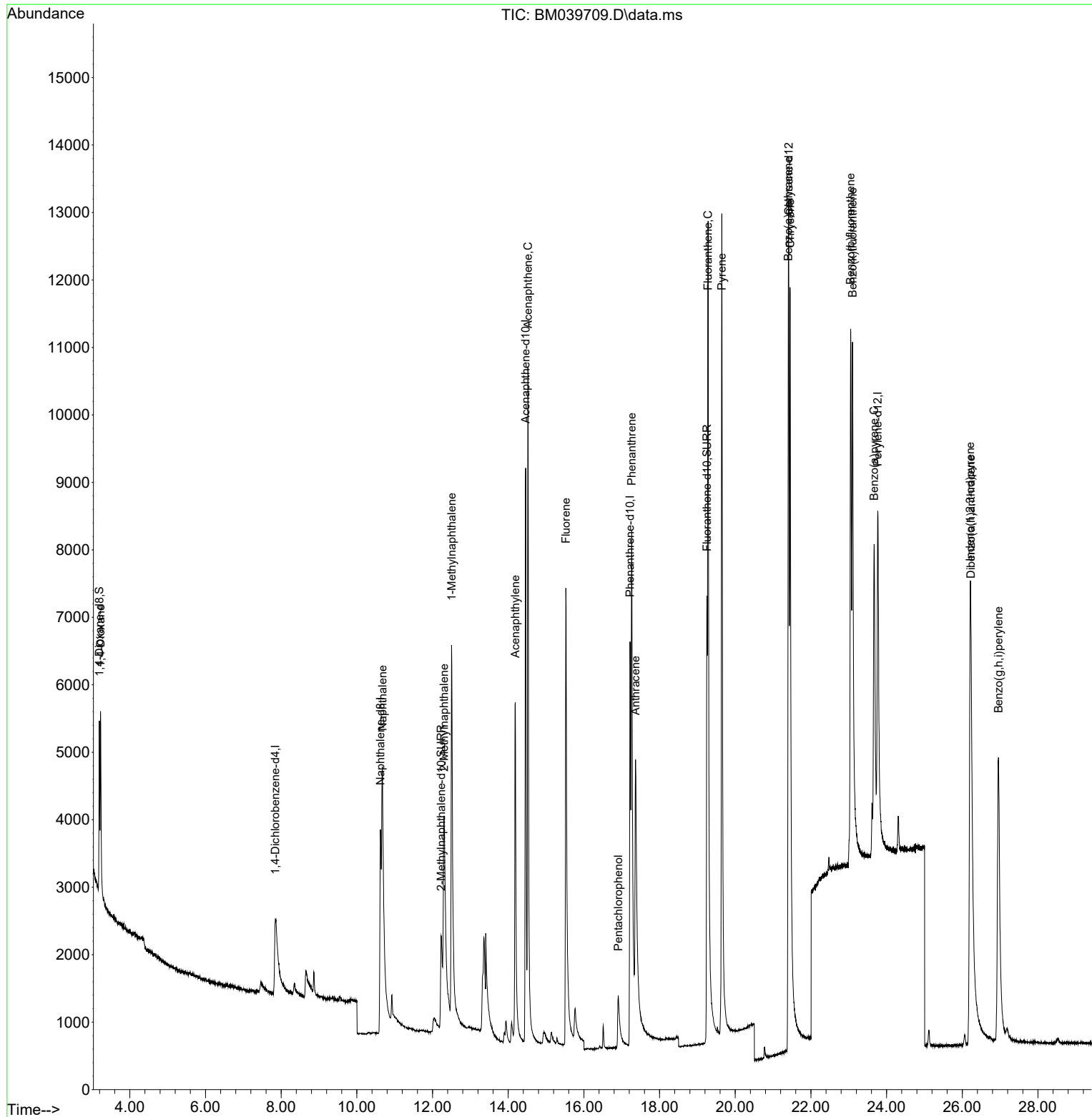
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	2398	0.400	ng/ul	0.02
4) Naphthalene-d8	10.622	136	10274	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.460	164	6018	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	10723	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	9947	0.400	ng/ul	0.00
23) Perylene-d12	23.766	264	8985	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	1766	0.500	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	5012	0.380	ng/ul	0.01
18) Fluoranthene-d10	19.252	212	10713	0.400	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.226	88	1854	0.506	ng/ul#	48
5) Naphthalene	10.677	128	9926	0.385	ng/ul	98
7) 2-Methylnaphthalene	12.305	142	5527	0.371	ng/ul	98
8) 1-Methylnaphthalene	12.503	142	6169	0.386	ng/ul	100
10) Acenaphthylene	14.187	152	9058	0.389	ng/ul	99
11) Acenaphthene	14.525	153	7438	0.407	ng/ul	98
12) Fluorene	15.524	166	7829	0.386	ng/ul	99
14) Pentachlorophenol	16.908	266	1316	0.563	ng/ul	98
15) Phenanthrene	17.263	178	11530	0.408	ng/ul	99
16) Anthracene	17.364	178	8684	0.358	ng/ul	98
19) Fluoranthene	19.280	202	13931	0.393	ng/ul	99
20) Pyrene	19.643	202	15651	0.408	ng/ul	98
21) Benzo(a)anthracene	21.401	228	9995	0.349	ng/ul	99
22) Chrysene	21.451	228	13469	0.416	ng/ul	100
24) Benzo(b)fluoranthene	23.049	252	12855	0.407	ng/ul	97
25) Benzo(k)fluoranthene	23.099	252	12395	0.386	ng/ul	97
26) Benzo(a)pyrene	23.672	252	11499	0.406	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.206	276	14765	0.412	ng/ul	99
28) Dibenzo(a,h)anthracene	26.229	278	11220	0.404	ng/ul	98
29) Benzo(g,h,i)perylene	26.957	276	13309	0.426	ng/ul	99

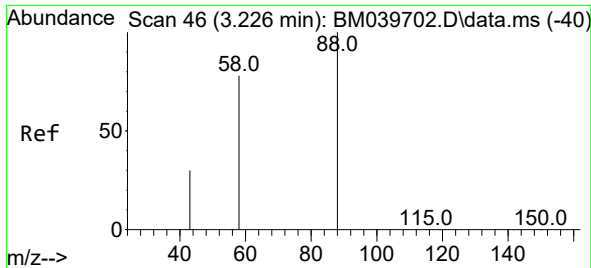
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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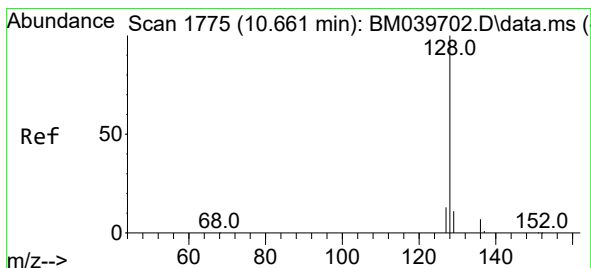
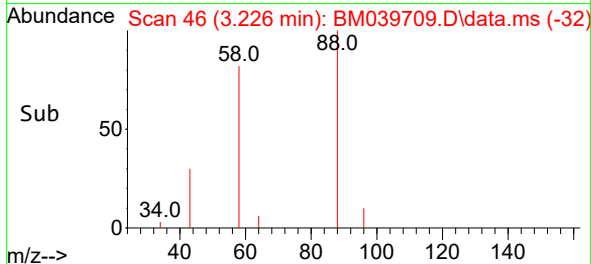
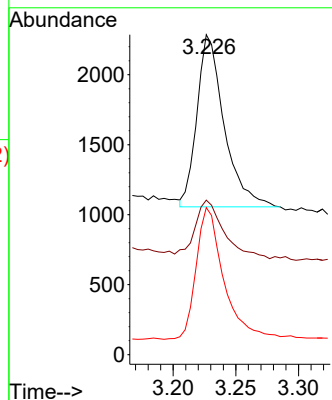
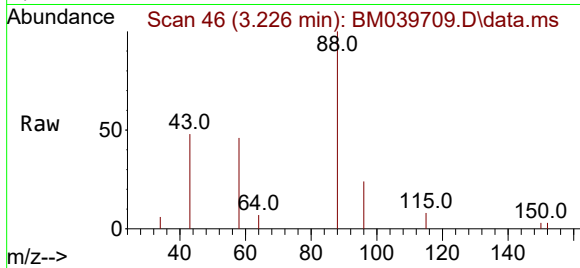




#2
1,4-Dioxane
Concen: 0.506 ng/ul
RT: 3.226 min Scan# 46
Delta R.T. -0.000 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

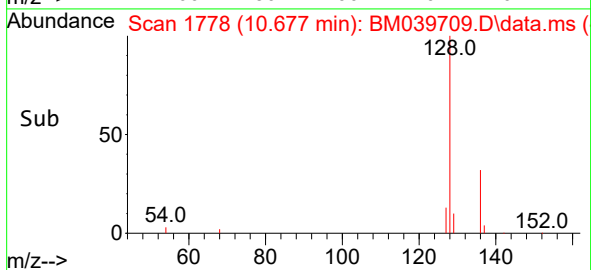
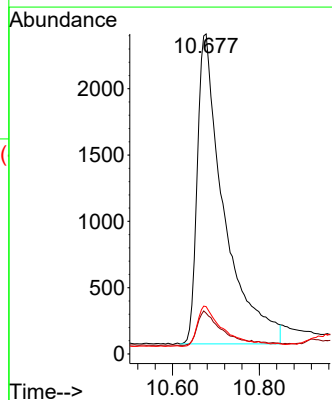
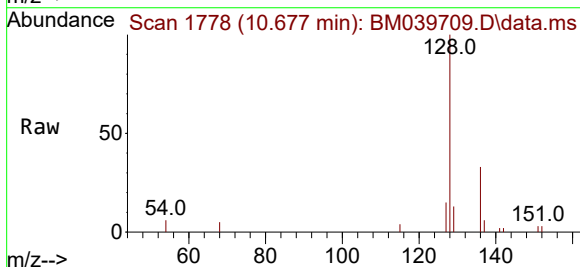
Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

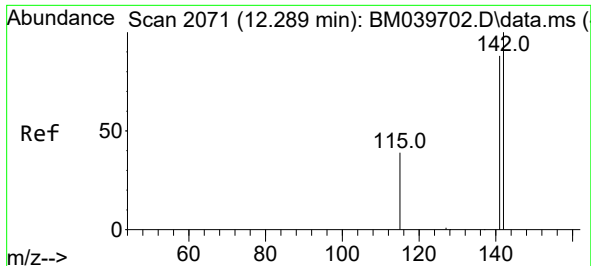
Tgt Ion: 88 Resp: 1854
Ion Ratio Lower Upper
88 100
43 48.3 102.6 153.8#
58 45.9 40.6 61.0



#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.677 min Scan# 1778
Delta R.T. 0.016 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

Tgt Ion: 128 Resp: 9926
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.6
127 14.8 11.1 16.7

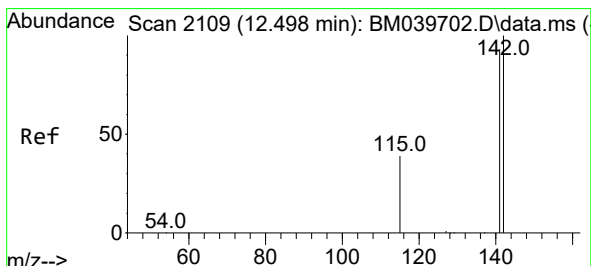
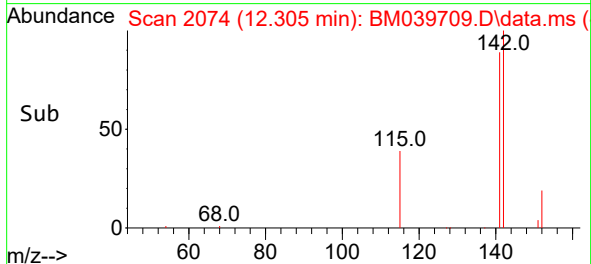
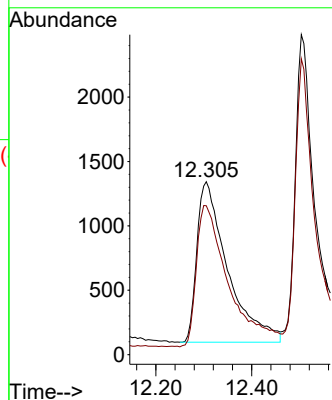
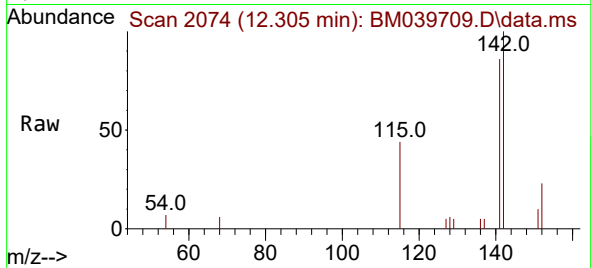




#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.305 min Scan# 2074
Delta R.T. 0.016 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

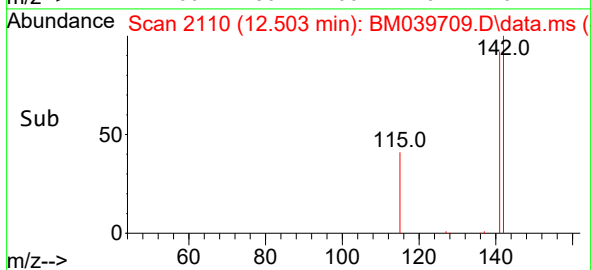
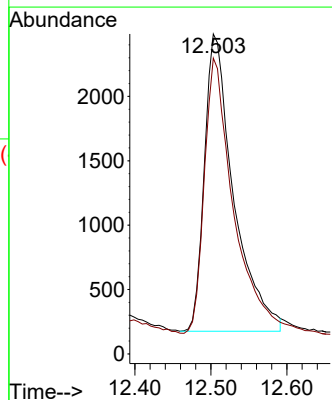
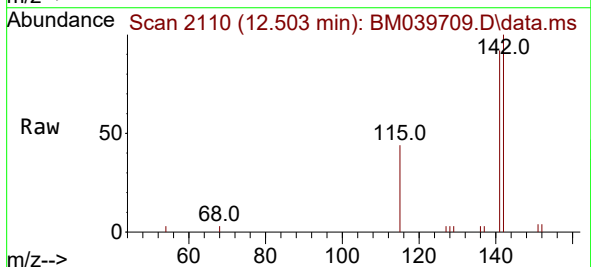
Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

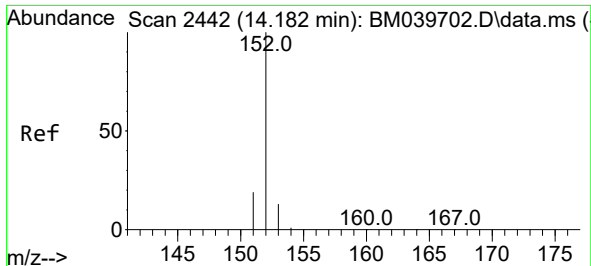
Tgt Ion:142 Resp: 5527
Ion Ratio Lower Upper
142 100
141 93.7 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.503 min Scan# 2110
Delta R.T. 0.005 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

Tgt Ion:142 Resp: 6169
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2

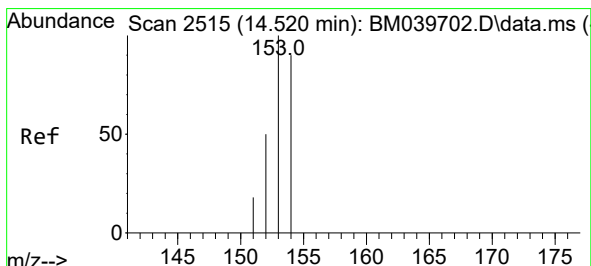
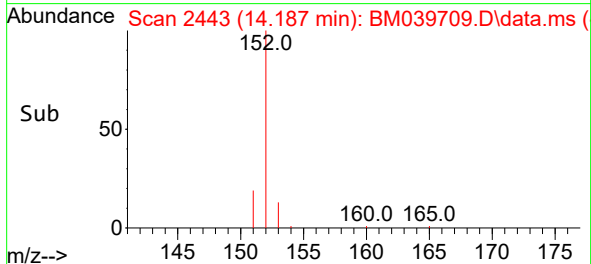
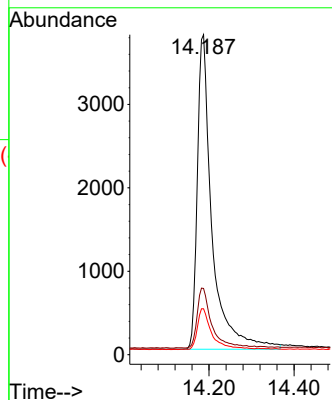
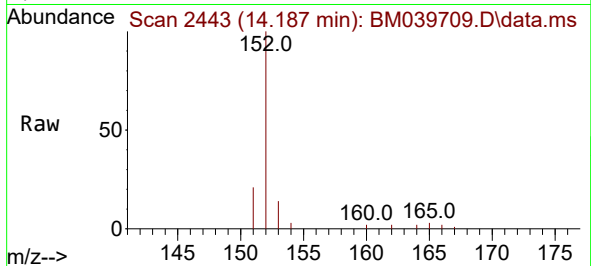




#10
Acenaphthylene
Concen: 0.389 ng/ul
RT: 14.187 min Scan# 2442
Delta R.T. 0.005 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

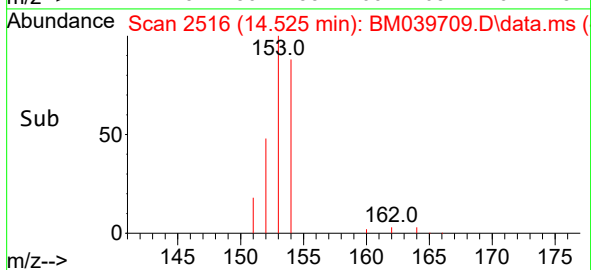
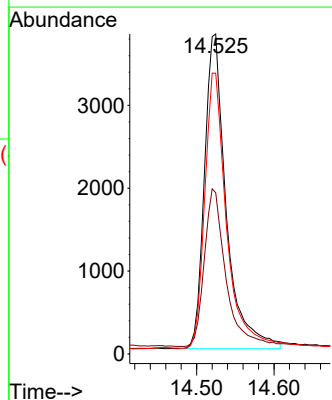
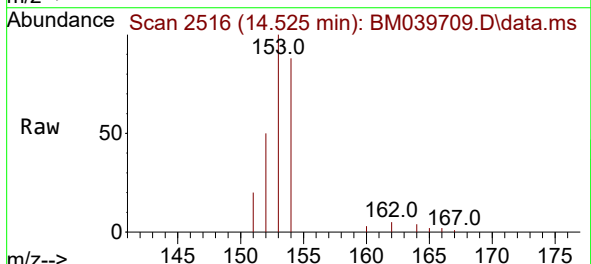
Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

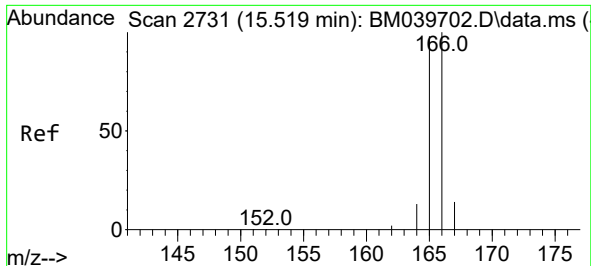
Tgt Ion:152 Resp: 9058
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 14.3 11.2 16.8



#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.525 min Scan# 2516
Delta R.T. 0.005 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

Tgt Ion:153 Resp: 7438
Ion Ratio Lower Upper
153 100
152 50.4 40.6 61.0
154 87.8 71.9 107.9

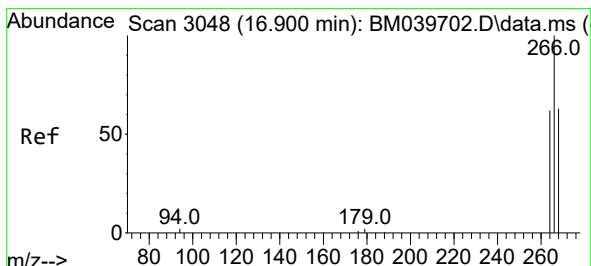
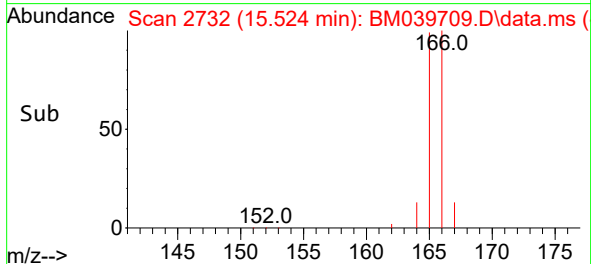
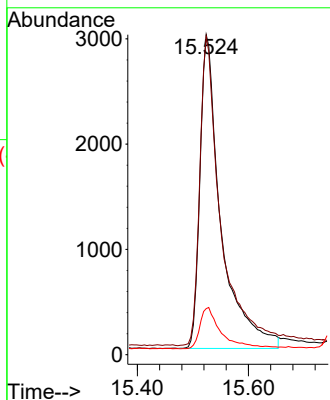
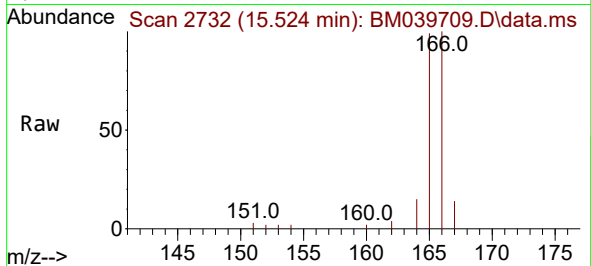




#12
Fluorene
Concen: 0.386 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

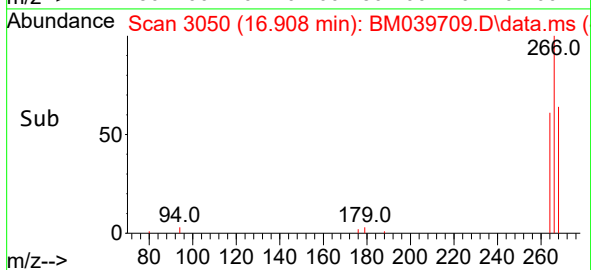
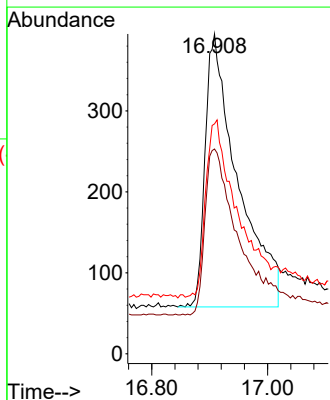
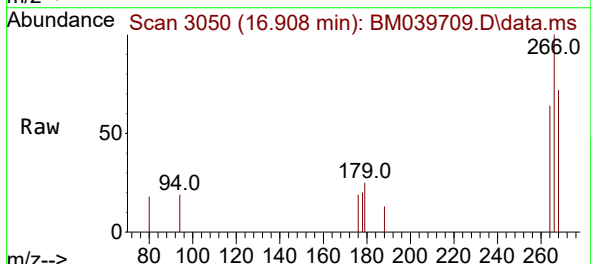
Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

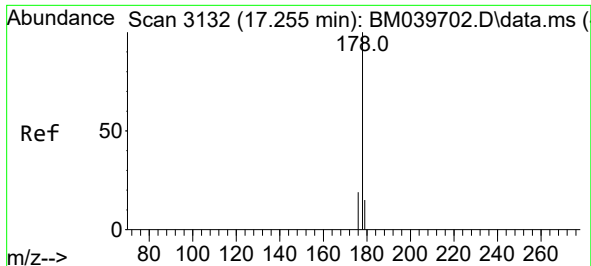
Tgt Ion:166 Resp: 7829
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 14.4 11.8 17.6



#14
Pentachlorophenol
Concen: 0.563 ng/ul
RT: 16.908 min Scan# 3050
Delta R.T. 0.008 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

Tgt Ion:266 Resp: 1316
Ion Ratio Lower Upper
266 100
264 62.6 48.8 73.2
268 65.2 50.4 75.6

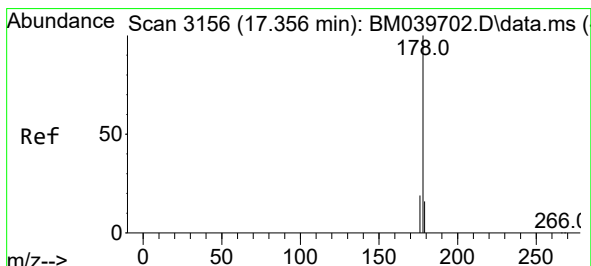
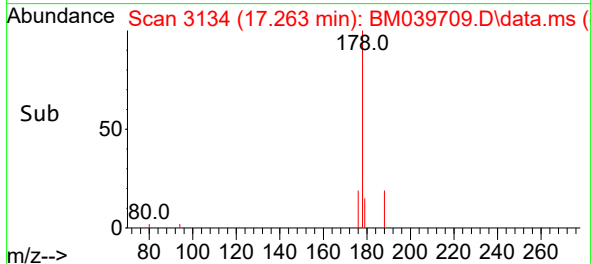
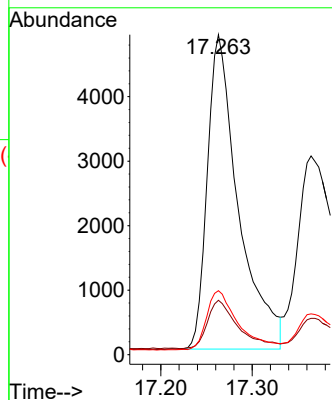
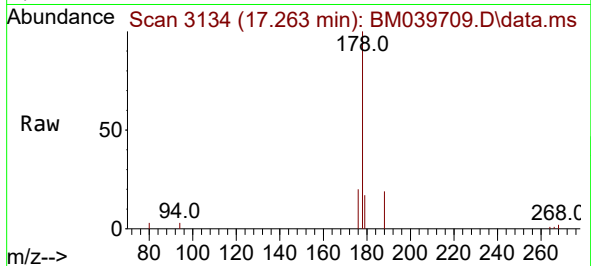




#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 17.263 min Scan# 3132
Delta R.T. 0.008 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

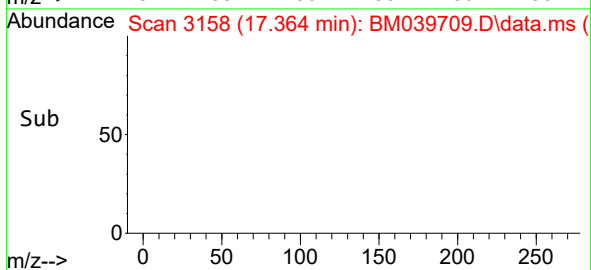
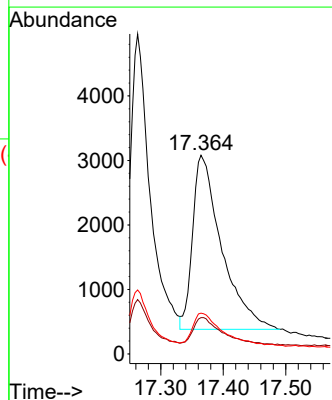
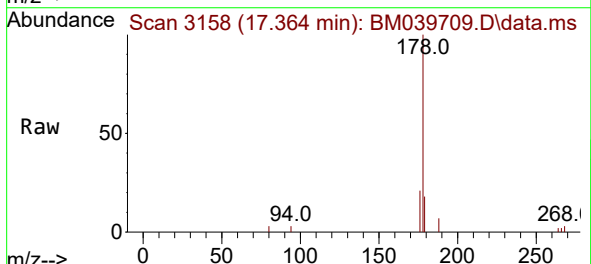
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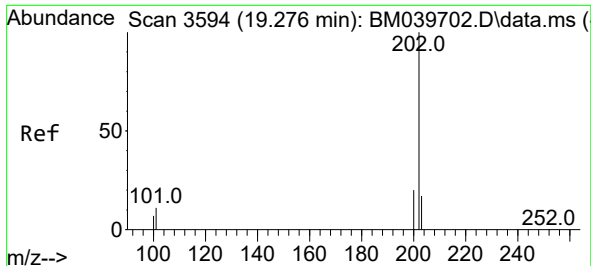
Tgt Ion:178 Resp: 11530
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.6
176 20.0 15.8 23.8



#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.364 min Scan# 3158
Delta R.T. 0.008 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

Tgt Ion:178 Resp: 8684
Ion Ratio Lower Upper
178 100
179 18.3 13.8 20.6
176 20.5 15.8 23.8

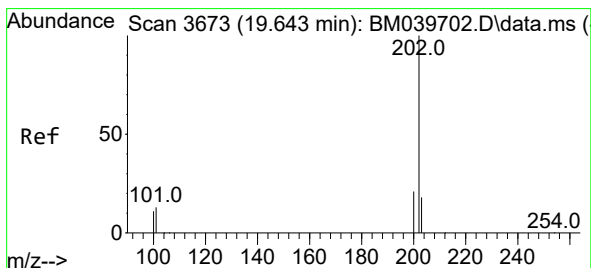
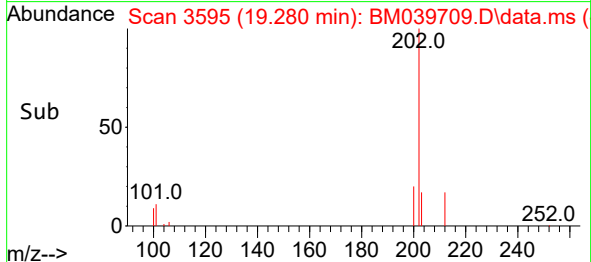
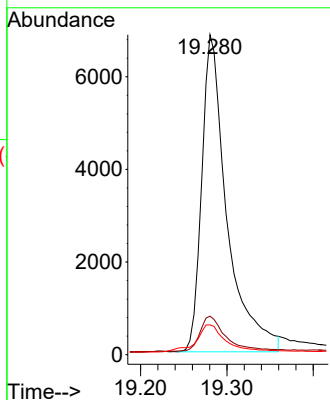
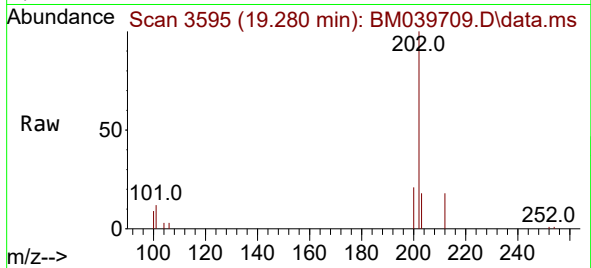




#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.280 min Scan# 3594
Delta R.T. 0.005 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

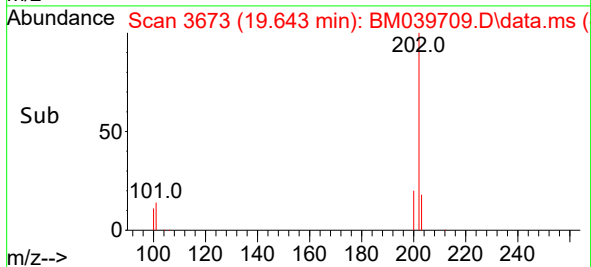
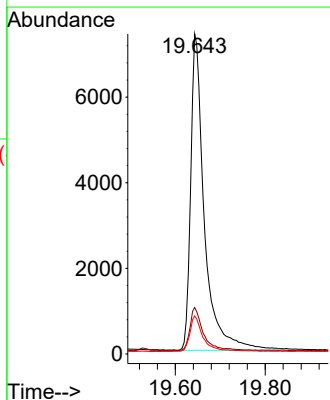
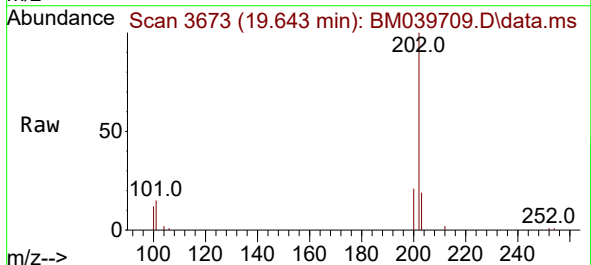
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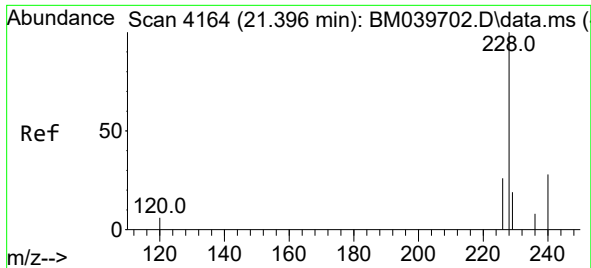
Tgt Ion:202 Resp: 13931
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.3 7.3 10.9



#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.643 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

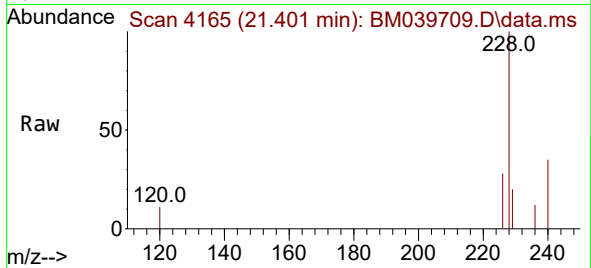
Tgt Ion:202 Resp: 15651
Ion Ratio Lower Upper
202 100
101 14.5 10.9 16.3
100 11.9 8.9 13.3



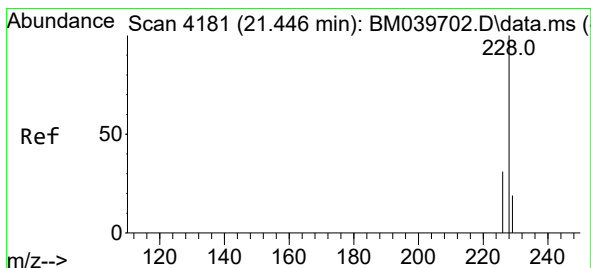
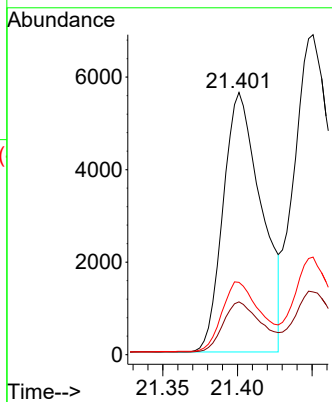
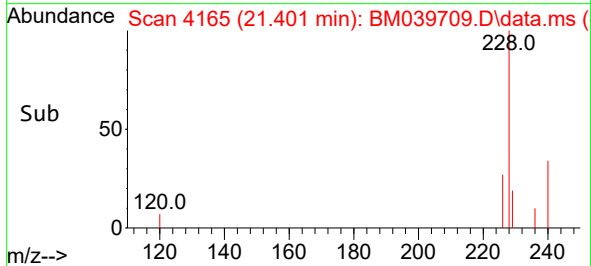


#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.401 min Scan# 4165
Delta R.T. 0.005 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

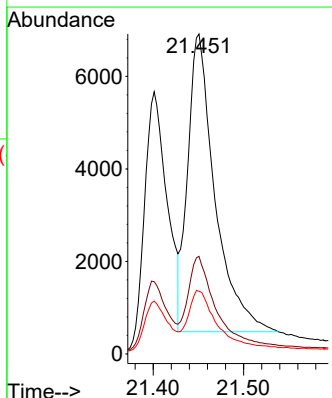
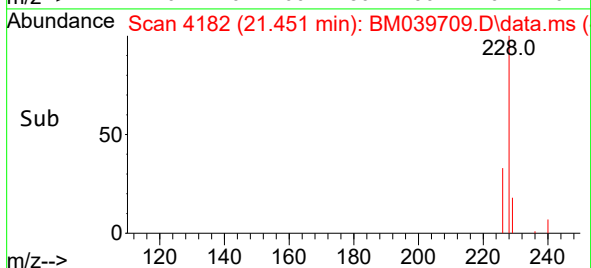
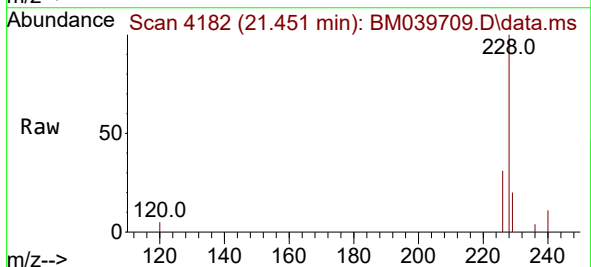


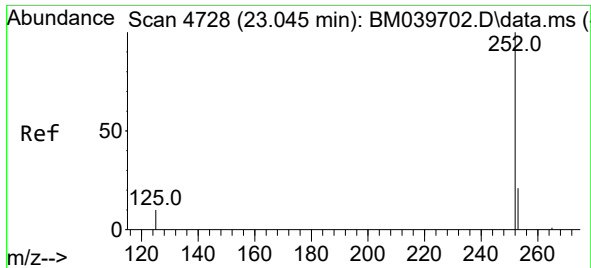
Tgt Ion:228 Resp: 9995
Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 27.6 21.6 32.4



#22
Chrysene
Concen: 0.416 ng/ul
RT: 21.451 min Scan# 4182
Delta R.T. 0.005 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

Tgt Ion:228 Resp: 13469
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 19.6 15.9 23.9

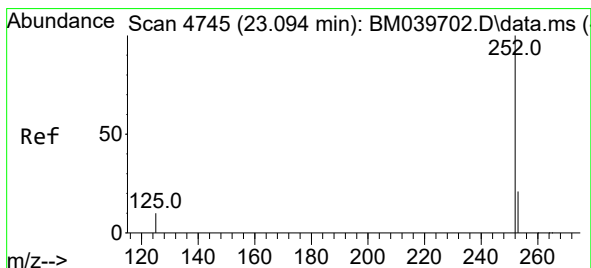
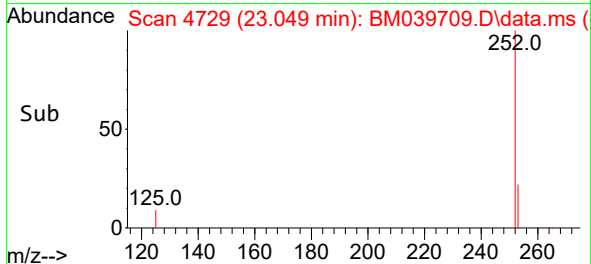
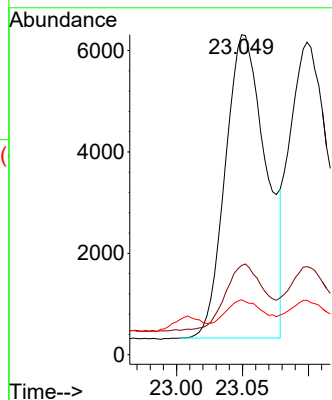
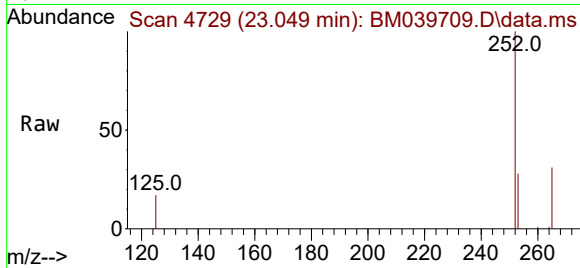




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 23.049 min Scan# 4728
Delta R.T. 0.005 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

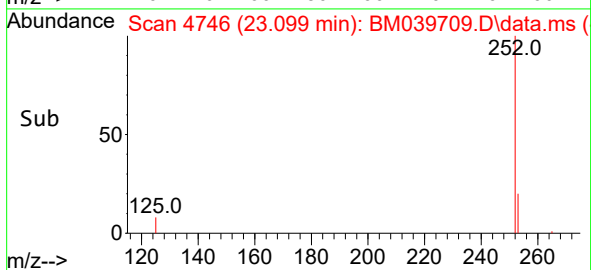
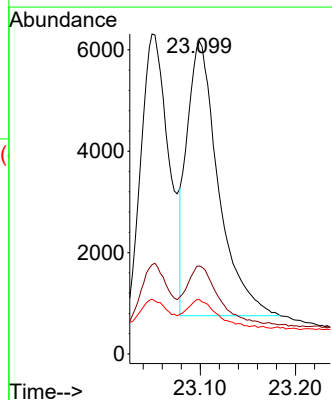
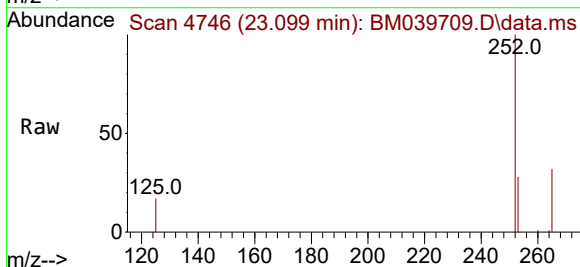
Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

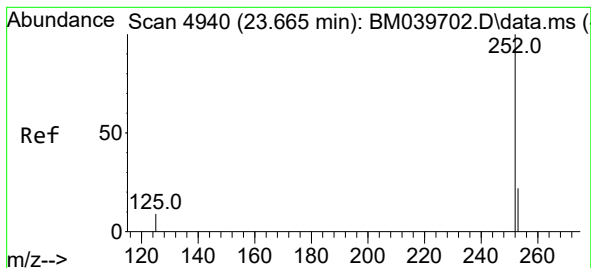
Tgt Ion:252	Resp:	12855
Ion Ratio	Lower	Upper
252	100	
253	27.9	0.0 52.8
125	17.2	0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.099 min Scan# 4746
Delta R.T. 0.005 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

Tgt Ion:252	Resp:	12395
Ion Ratio	Lower	Upper
252	100	
253	28.2	21.3 31.9
125	17.4	13.0 19.6





#26

Benzo(a)pyrene

Concen: 0.406 ng/ul

RT: 23.672 min Scan# 4942

Delta R.T. 0.007 min

Lab File: BM039709.D

Acq: 27 Apr 2023 17:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.4086

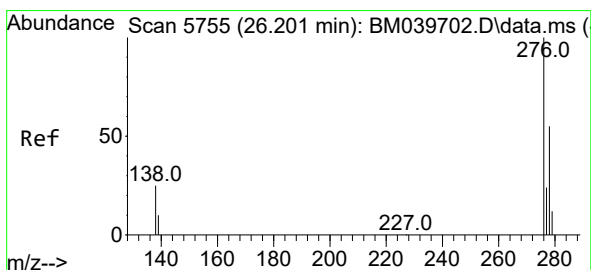
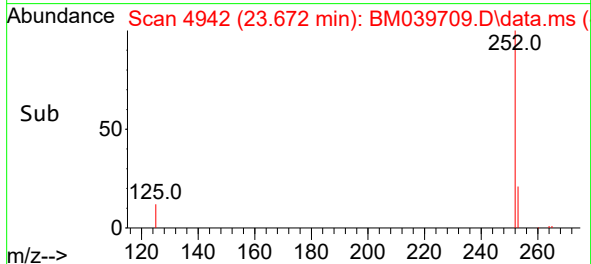
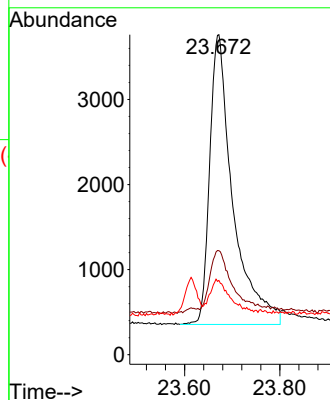
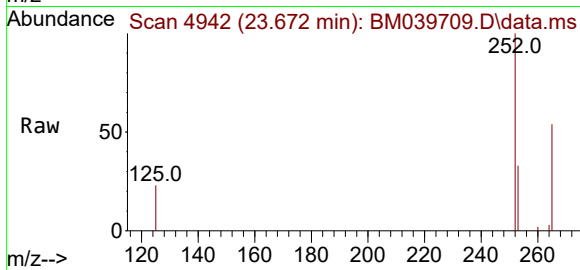
Tgt Ion:252 Resp: 11499

Ion Ratio Lower Upper

252 100

253 32.5 24.7 37.1

125 23.2 16.5 24.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng/ul

RT: 26.206 min Scan# 5756

Delta R.T. 0.005 min

Lab File: BM039709.D

Acq: 27 Apr 2023 17:12

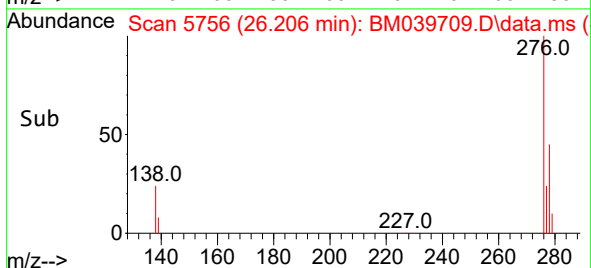
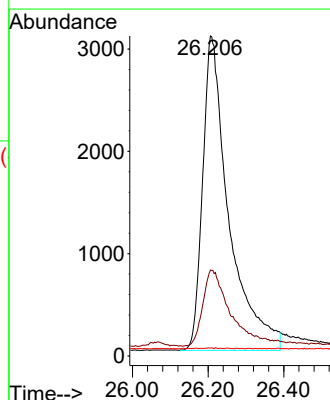
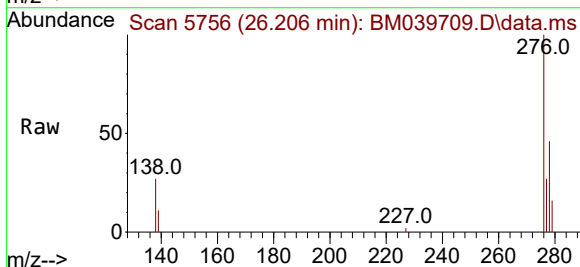
Tgt Ion:276 Resp: 14765

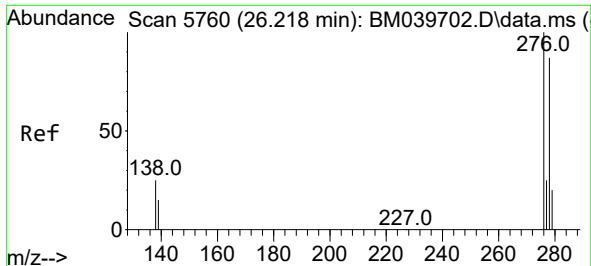
Ion Ratio Lower Upper

276 100

138 26.0 21.1 31.7

227 0.1 0.1 0.1

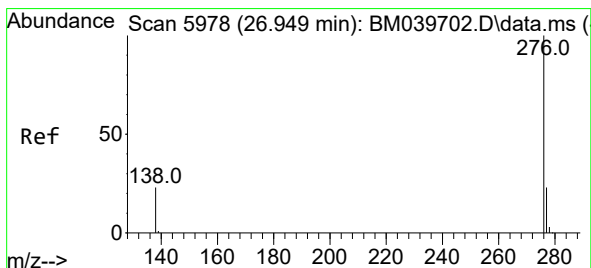
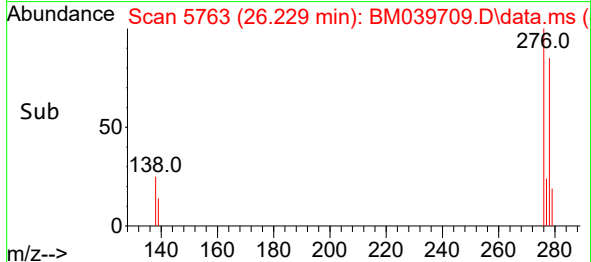
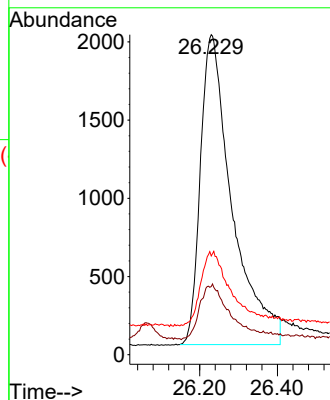
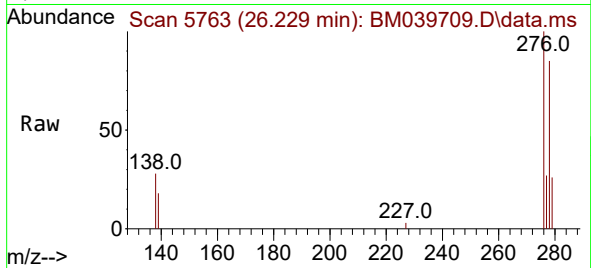




#28
Dibenzo(a,h)anthracene
Concen: 0.404 ng/ul
RT: 26.229 min Scan# 51
Delta R.T. 0.012 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Tgt Ion:278 Resp: 11220
Ion Ratio Lower Upper
278 100
139 21.3 17.0 25.6
279 30.8 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 26.957 min Scan# 5980
Delta R.T. 0.008 min
Lab File: BM039709.D
Acq: 27 Apr 2023 17:12

Tgt Ion:276 Resp: 13309
Ion Ratio Lower Upper
276 100
138 25.5 20.1 30.1
277 26.0 20.1 30.1

