

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039313.D
 Acq On : 06 Apr 2023 11:36
 Operator : CG/JU
 Sample : SSTD1.644
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6019

Quant Time: Apr 06 23:46:10 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:03:35 2023
 Response via : Initial Calibration

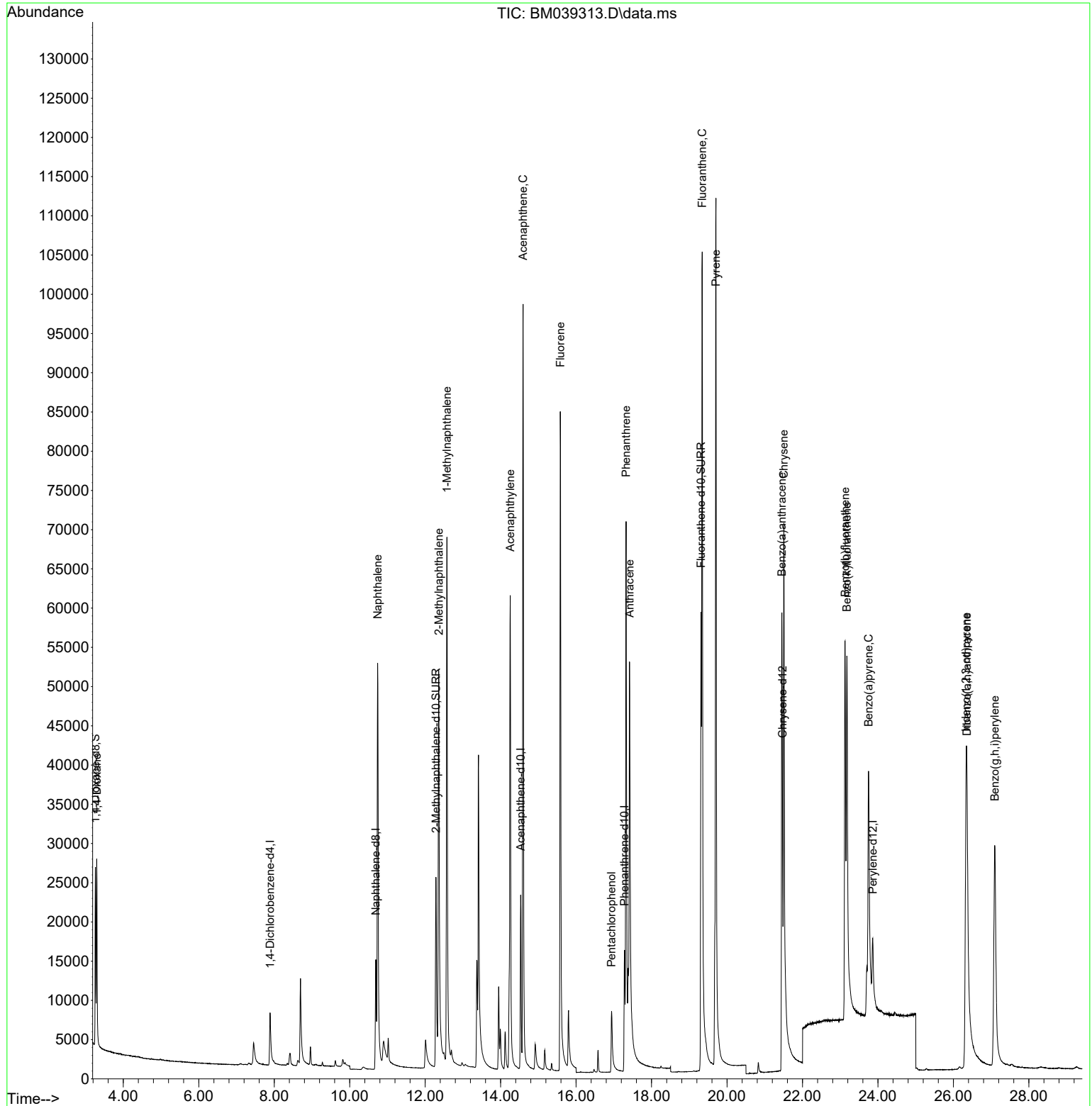
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	5792	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	23992	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	13417	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	22915	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	16657	0.400	ng/ul	# 0.00
23) Perylene-d12	23.862	264	13609	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	13967	1.303	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	43862	1.581	ng/ul	0.00
18) Fluoranthene-d10	19.310	212	79761	1.537	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.296	88	14826	1.291	ng/ul#	76
5) Naphthalene	10.740	128	86577	1.516	ng/ul	97
7) 2-Methylnaphthalene	12.363	142	50448	1.574	ng/ul	99
8) 1-Methylnaphthalene	12.577	142	54901	1.512	ng/ul	100
10) Acenaphthylene	14.254	152	80812	1.552	ng/ul	98
11) Acenaphthene	14.597	153	61653	1.504	ng/ul	99
12) Fluorene	15.582	166	67820	1.661	ng/ul	99
14) Pentachlorophenol	16.940	266	8925	1.633	ng/ul#	83
15) Phenanthrene	17.324	178	93305	1.468	ng/ul	98
16) Anthracene	17.417	178	80116	1.656	ng/ul	95
19) Fluoranthene	19.343	202	106276	1.541	ng/ul	98
20) Pyrene	19.705	202	117567	1.487	ng/ul	99
21) Benzo(a)anthracene	21.451	228	62909	1.627	ng/ul	98
22) Chrysene	21.506	228	75224	1.597	ng/ul	99
24) Benzo(b)fluoranthene	23.129	252	74336	1.722	ng/ul	82
25) Benzo(k)fluoranthene	23.175	252	72745	1.767	ng/ul#	82
26) Benzo(a)pyrene	23.751	252	69573	1.599	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.334	276	85270	1.556	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.361	278	62158	1.620	ng/ul#	84
29) Benzo(g,h,i)perylene	27.095	276	78225	1.489	ng/ul	95

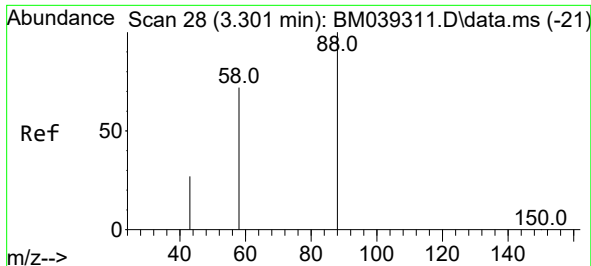
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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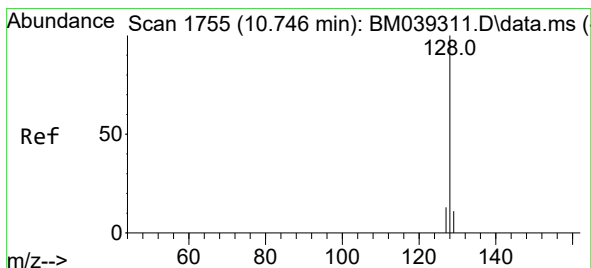
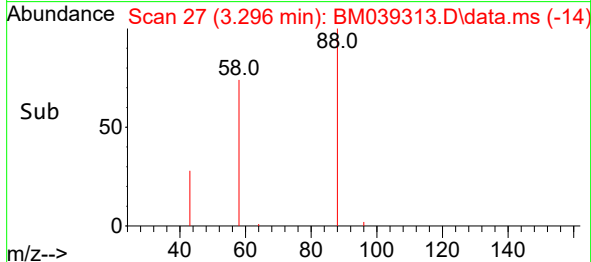
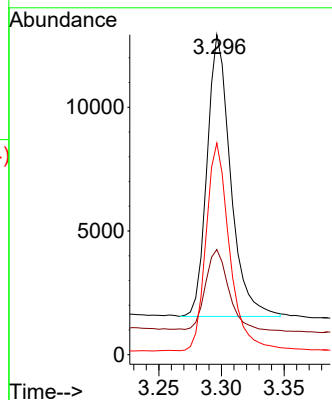
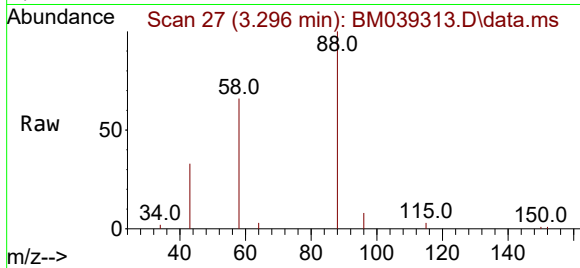




#2
1,4-Dioxane
Concen: 1.291 ng/ul
RT: 3.296 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

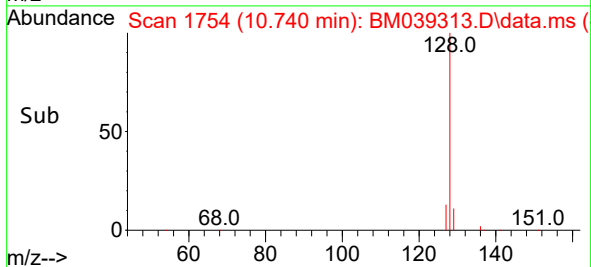
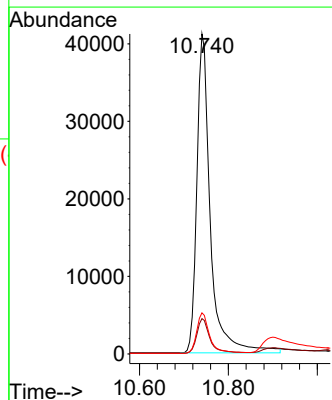
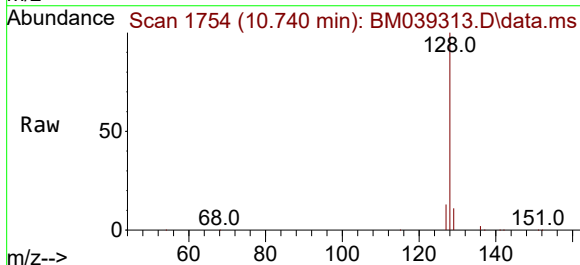
Instrument :
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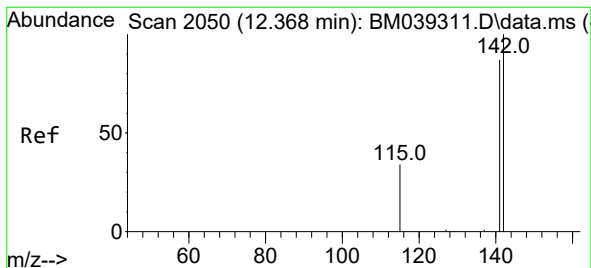
Tgt Ion: 88 Resp: 14826
Ion Ratio Lower Upper
88 100
43 32.9 30.6 45.8
58 66.2 34.1 51.1#



#5
Naphthalene
Concen: 1.516 ng/ul
RT: 10.740 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

Tgt Ion: 128 Resp: 86577
Ion Ratio Lower Upper
128 100
129 11.1 10.1 15.1
127 12.8 11.0 16.4

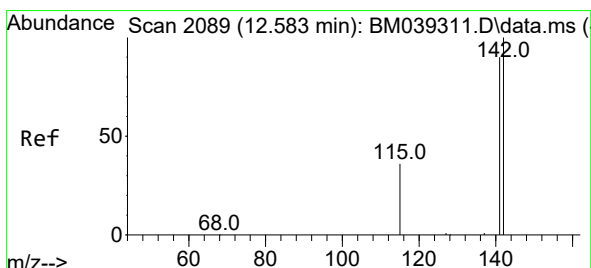
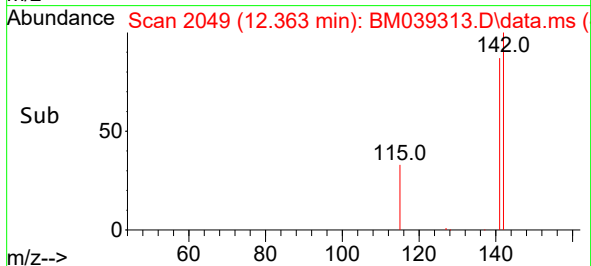
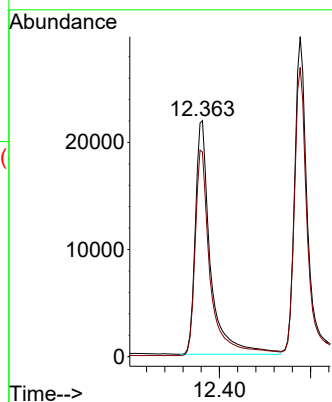
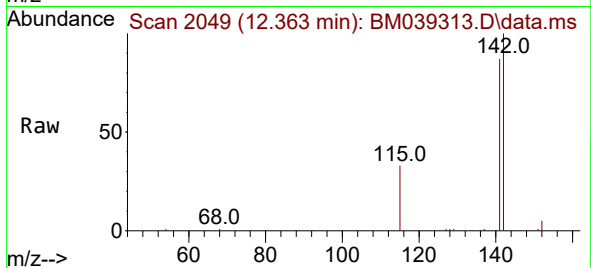




#7
2-Methylnaphthalene
Concen: 1.574 ng/ul
RT: 12.363 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

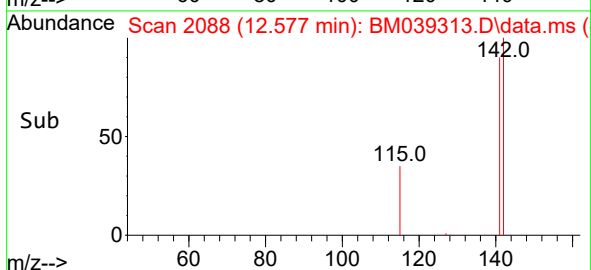
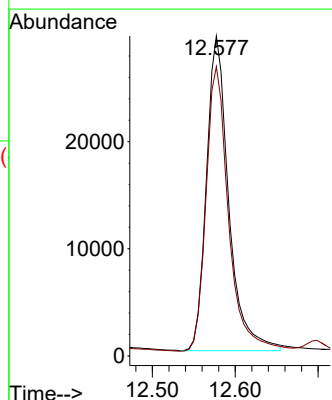
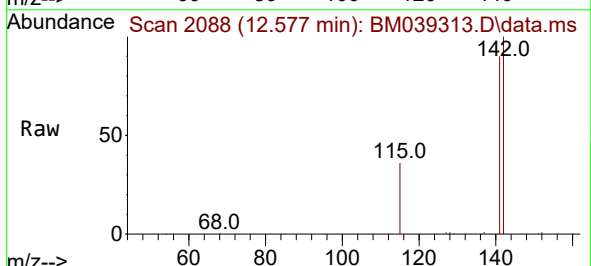
Instrument :
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ClientSampleId :
SSTD1.6019

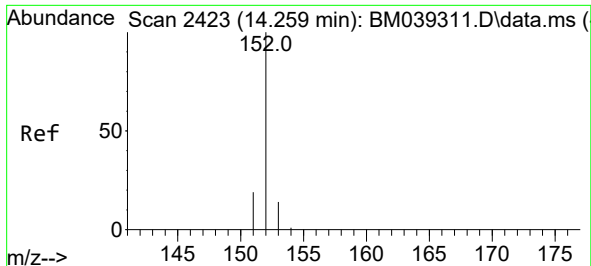
Tgt Ion:142 Resp: 50448
Ion Ratio Lower Upper
142 100
141 89.0 71.8 107.6



#8
1-Methylnaphthalene
Concen: 1.512 ng/ul
RT: 12.577 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

Tgt Ion:142 Resp: 54901
Ion Ratio Lower Upper
142 100
141 90.9 72.6 109.0

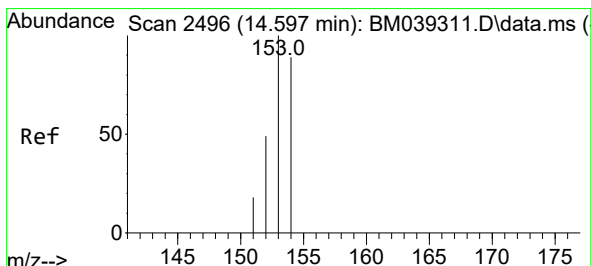
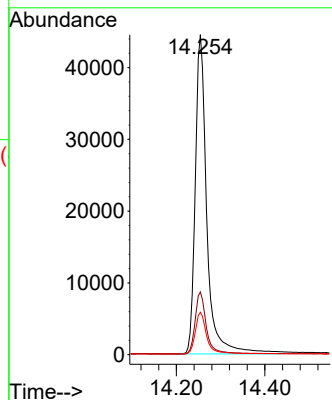
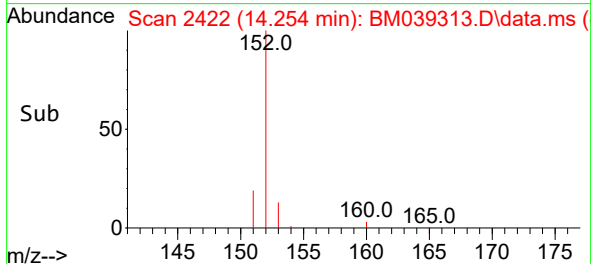
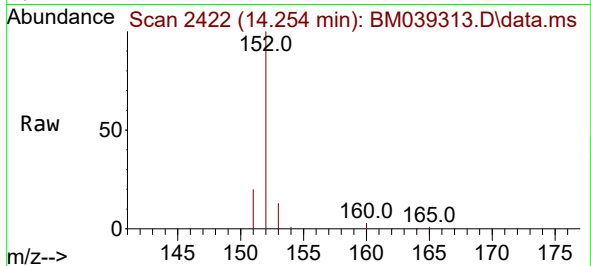




#10
Acenaphthylene
Concen: 1.552 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

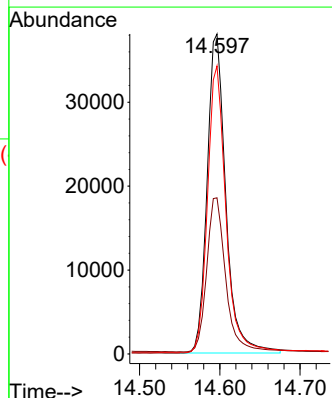
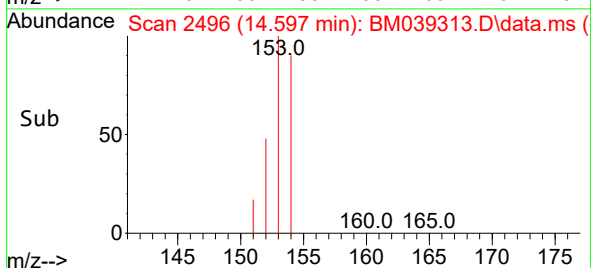
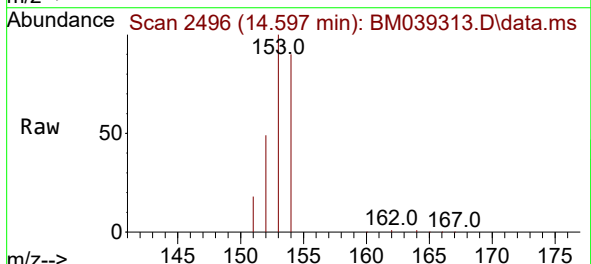
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

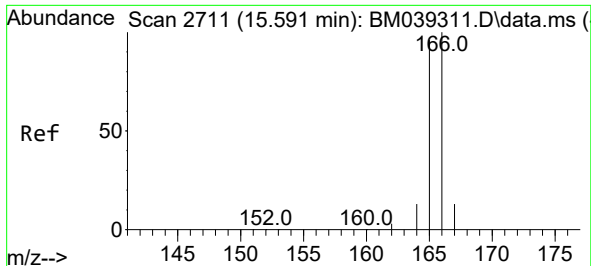
Tgt Ion:152 Resp: 80812
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 13.2 11.6 17.4



#11
Acenaphthene
Concen: 1.504 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

Tgt Ion:153 Resp: 61653
Ion Ratio Lower Upper
153 100
152 48.8 40.3 60.5
154 90.0 71.5 107.3

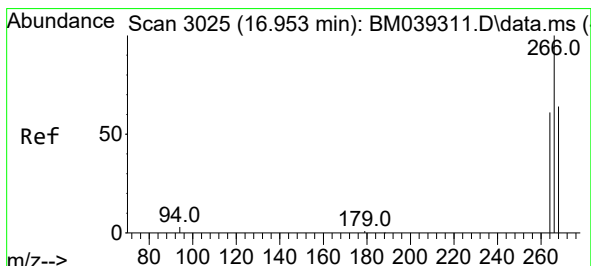
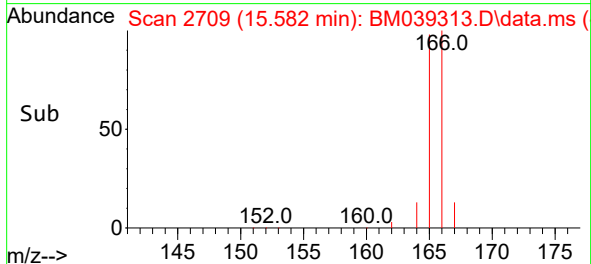
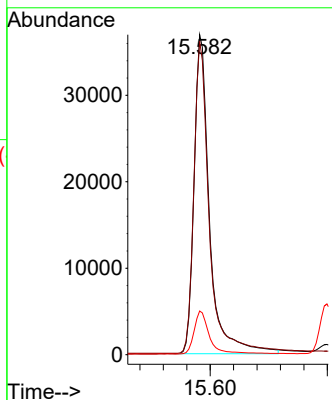
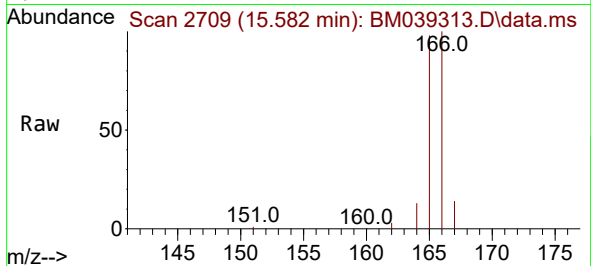




#12
Fluorene
Concen: 1.661 ng/ul
RT: 15.582 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

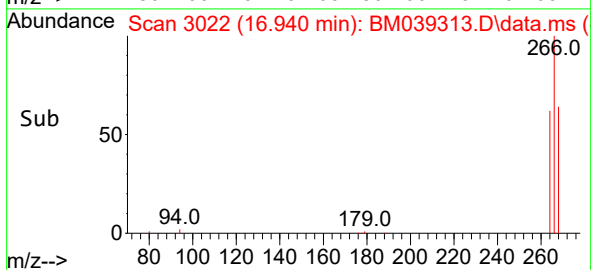
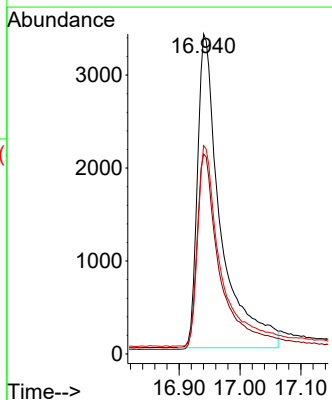
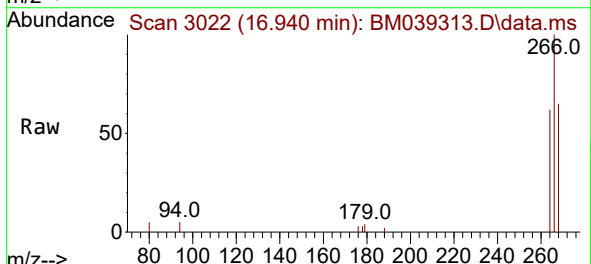
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ClientSampleId :
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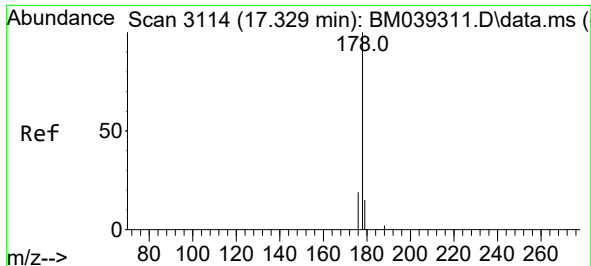
Tgt Ion:166 Resp: 67820
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 13.7 11.8 17.6



#14
Pentachlorophenol
Concen: 1.633 ng/ul
RT: 16.940 min Scan# 3022
Delta R.T. -0.013 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

Tgt Ion:266 Resp: 8925
Ion Ratio Lower Upper
266 100
264 62.7 39.6 59.4#
268 64.1 42.4 63.6#

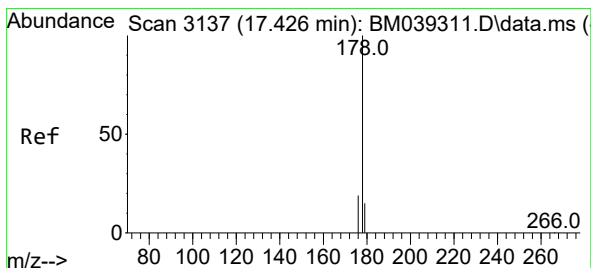
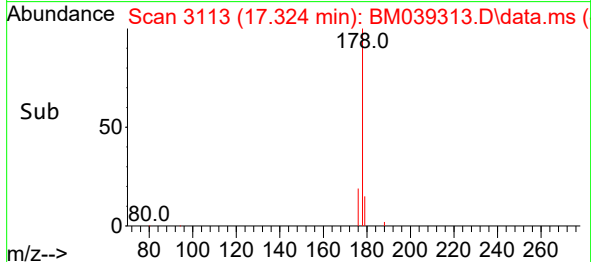
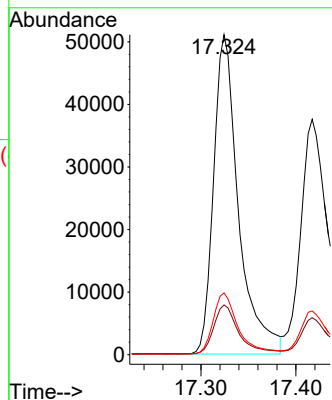
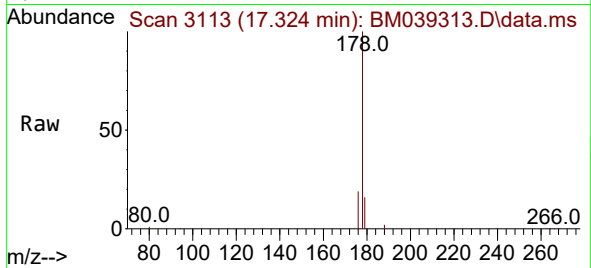




#15
Phenanthrene
Concen: 1.468 ng/ul
RT: 17.324 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

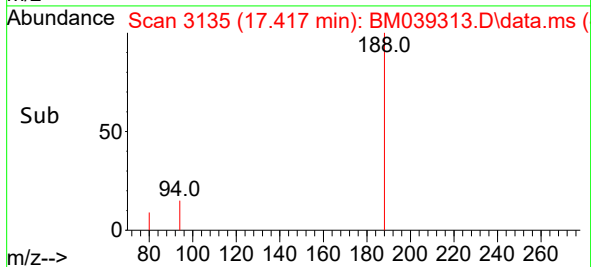
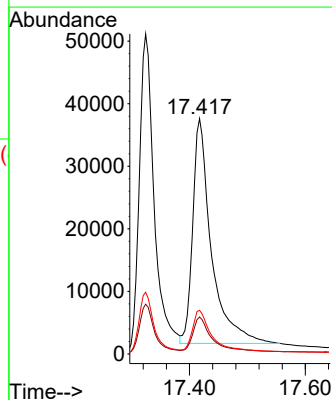
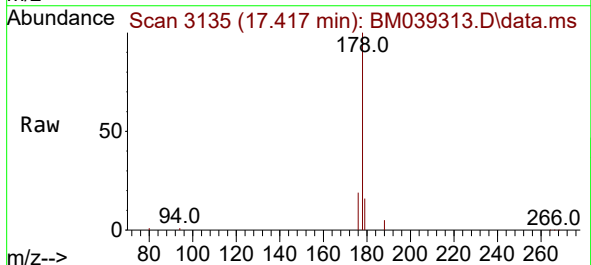
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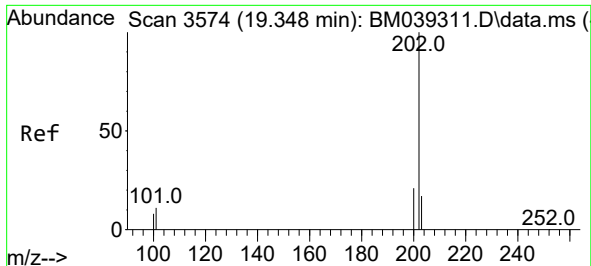
Tgt Ion:178 Resp: 93305
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 19.3 15.8 23.6



#16
Anthracene
Concen: 1.656 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. -0.009 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

Tgt Ion:178 Resp: 80116
Ion Ratio Lower Upper
178 100
179 15.7 14.6 21.8
176 18.6 16.6 24.8

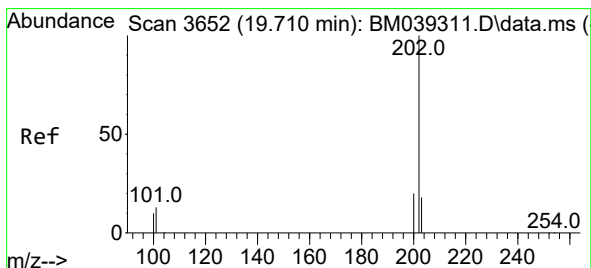
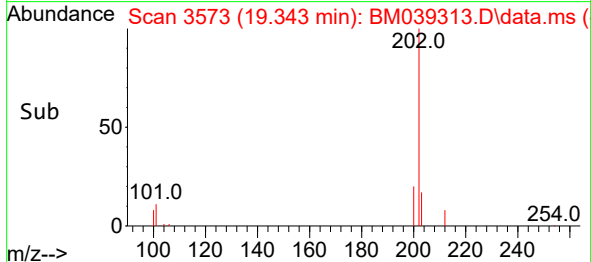
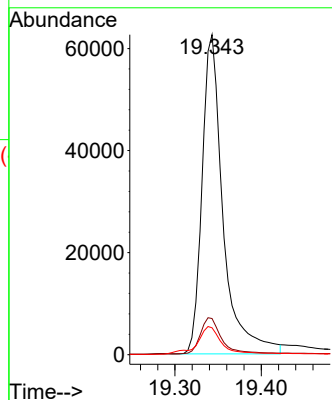
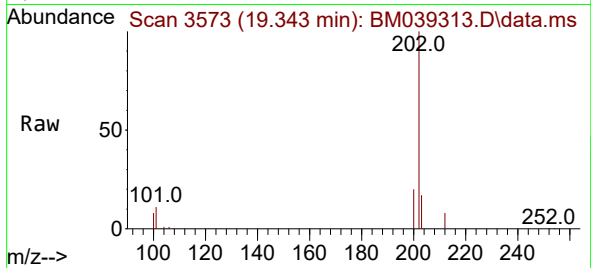




#19
Fluoranthene
Concen: 1.541 ng/ul
RT: 19.343 min Scan# 3573
Delta R.T. -0.005 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

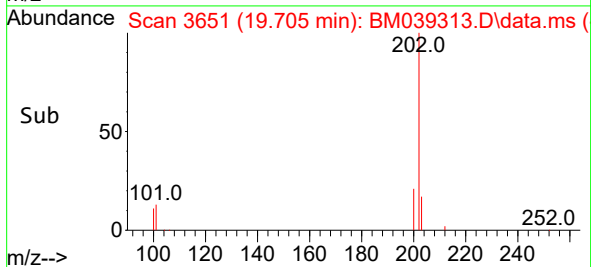
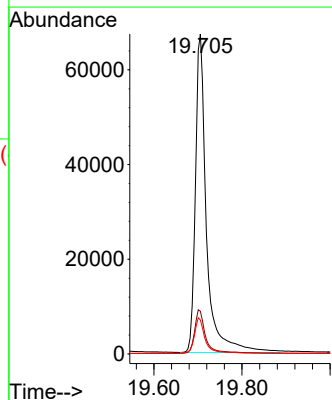
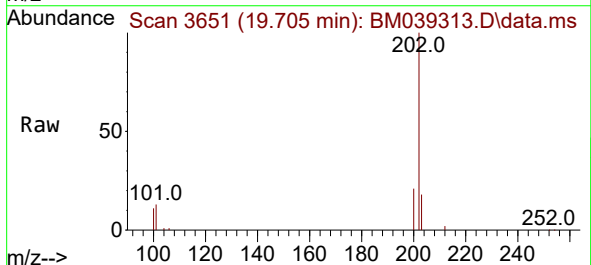
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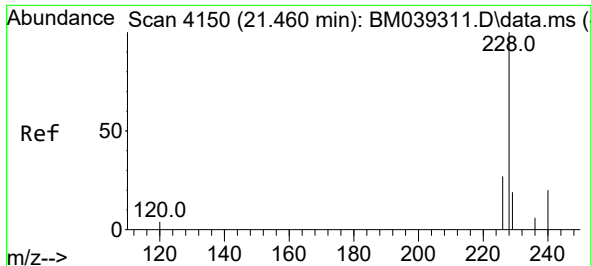
Tgt Ion:202 Resp: 106276
Ion Ratio Lower Upper
202 100
101 11.3 9.7 14.5
100 8.4 7.4 11.0



#20
Pyrene
Concen: 1.487 ng/ul
RT: 19.705 min Scan# 3651
Delta R.T. -0.005 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

Tgt Ion:202 Resp: 117567
Ion Ratio Lower Upper
202 100
101 13.4 11.1 16.7
100 10.6 8.8 13.2

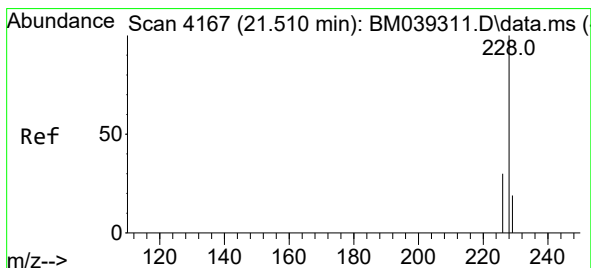
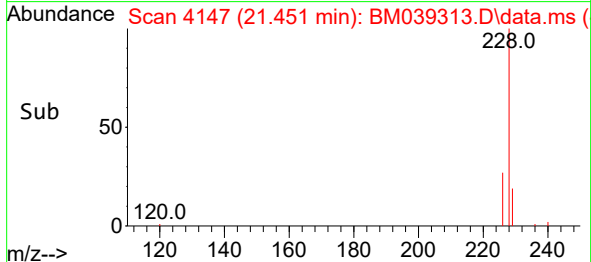
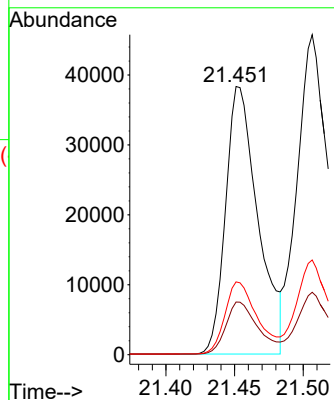
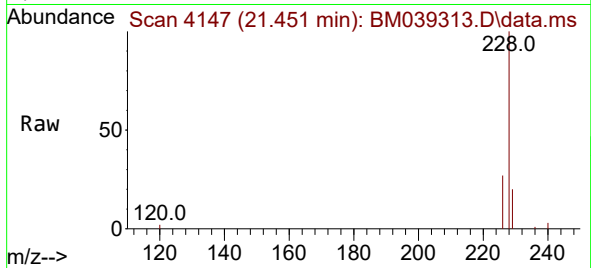




#21
Benzo(a)anthracene
Concen: 1.627 ng/ul
RT: 21.451 min Scan# 4150
Delta R.T. -0.009 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

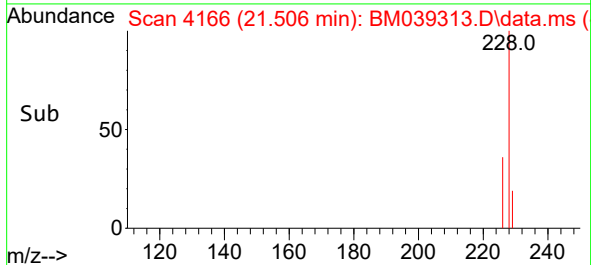
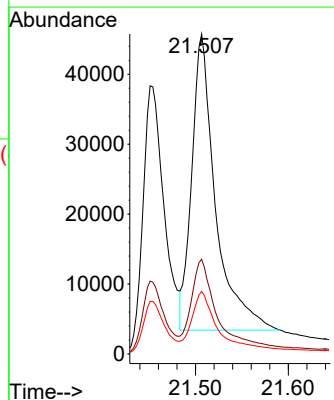
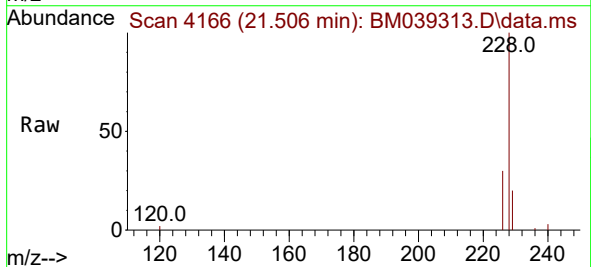
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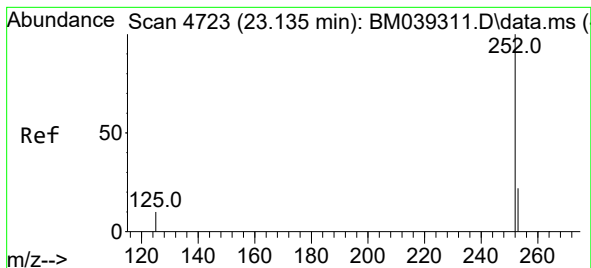
Tgt Ion:228 Resp: 62909
Ion Ratio Lower Upper
228 100
229 19.7 16.6 24.8
226 27.1 22.6 34.0



#22
Chrysene
Concen: 1.597 ng/ul
RT: 21.506 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

Tgt Ion:228 Resp: 75224
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.2
229 19.5 16.2 24.4





#24

Benzo(b)fluoranthene

Concen: 1.722 ng/ul

RT: 23.129 min Scan# 4721

Delta R.T. -0.006 min

Lab File: BM039313.D

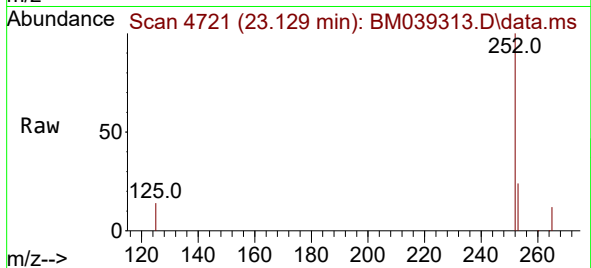
Acq: 06 Apr 2023 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD1.6019



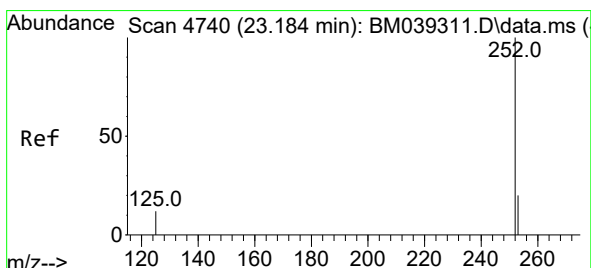
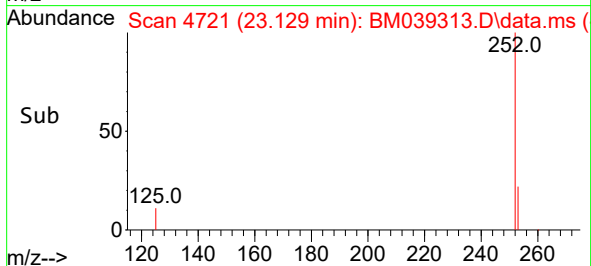
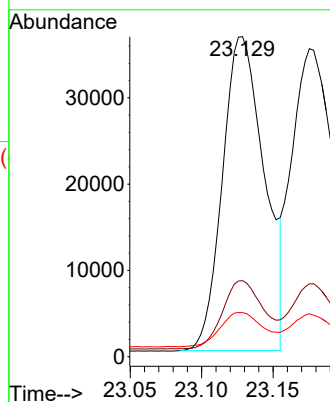
Tgt Ion:252 Resp: 74336

Ion Ratio Lower Upper

252 100

253 23.8 0.0 64.4

125 13.8 0.0 50.4



#25

Benzo(k)fluoranthene

Concen: 1.767 ng/ul

RT: 23.175 min Scan# 4737

Delta R.T. -0.009 min

Lab File: BM039313.D

Acq: 06 Apr 2023 11:36

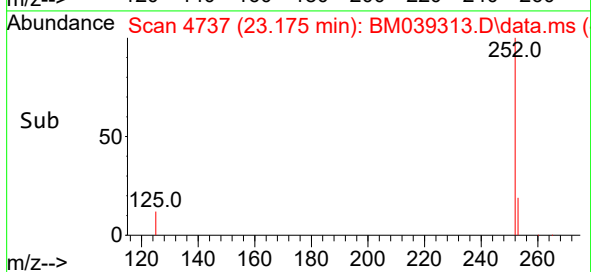
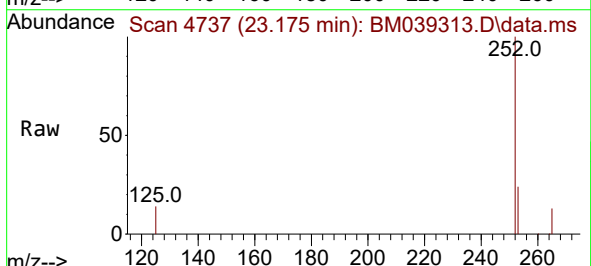
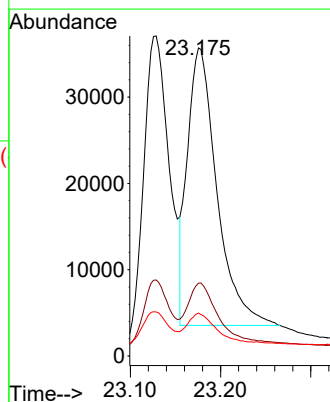
Tgt Ion:252 Resp: 72745

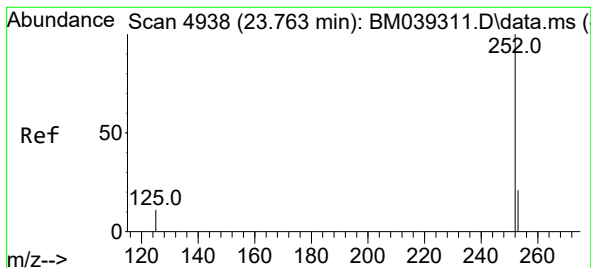
Ion Ratio Lower Upper

252 100

253 23.6 25.5 38.3#

125 13.9 20.4 30.6#





#26

Benzo(a)pyrene

Concen: 1.599 ng/ul

RT: 23.751 min Scan# 4938

Delta R.T. -0.012 min

Lab File: BM039313.D

Acq: 06 Apr 2023 11:36

Instrument :

BNA_M

ClientSampleId :

SSTD1.6019

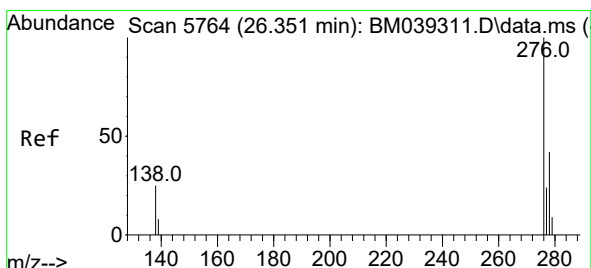
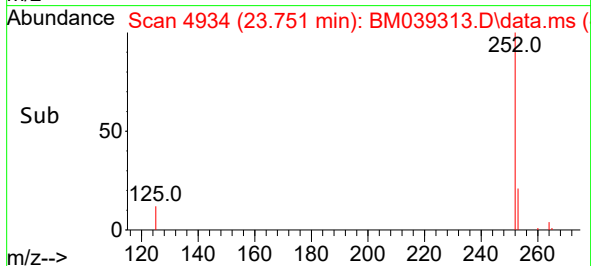
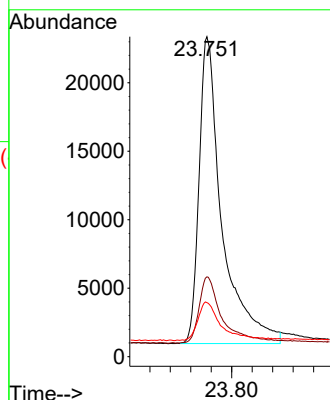
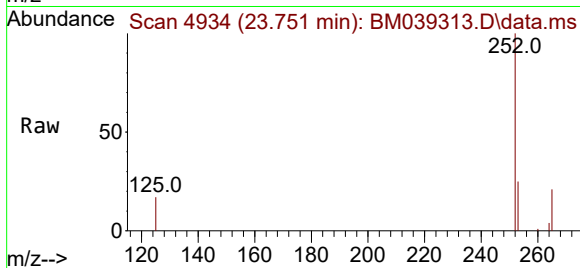
Tgt Ion:252 Resp: 69573

Ion Ratio Lower Upper

252 100

253 24.9 31.0 46.4#

125 16.9 28.2 42.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.556 ng/ul

RT: 26.334 min Scan# 5759

Delta R.T. -0.017 min

Lab File: BM039313.D

Acq: 06 Apr 2023 11:36

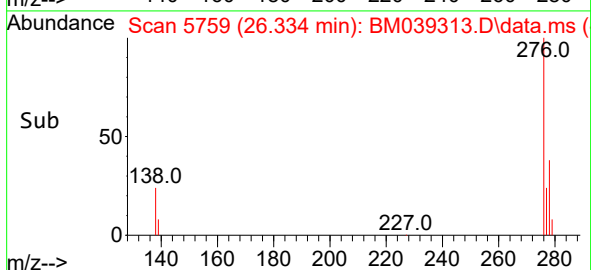
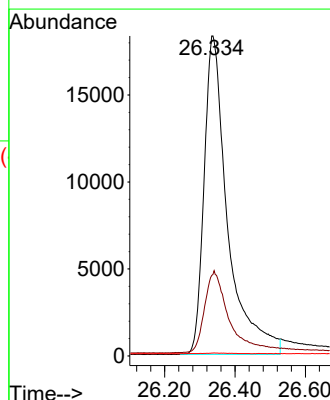
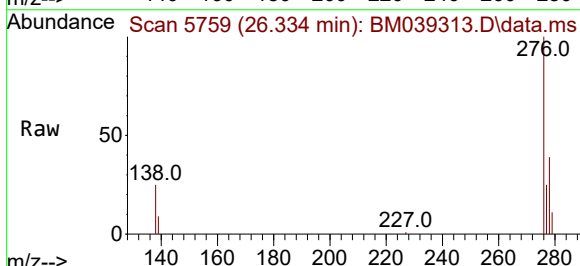
Tgt Ion:276 Resp: 85270

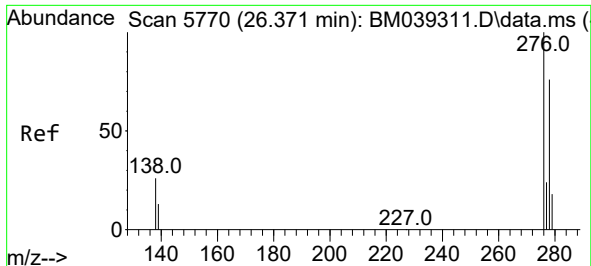
Ion Ratio Lower Upper

276 100

138 27.1 21.4 32.0

227 0.1 0.1 0.1#

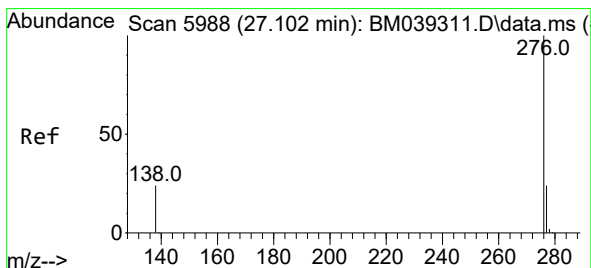
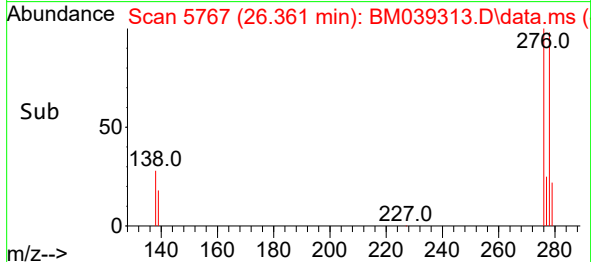
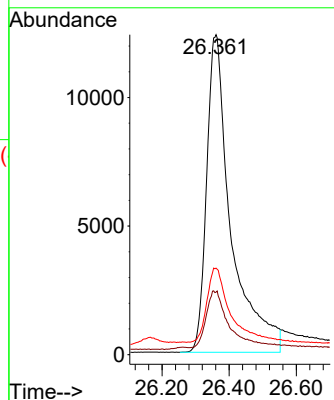
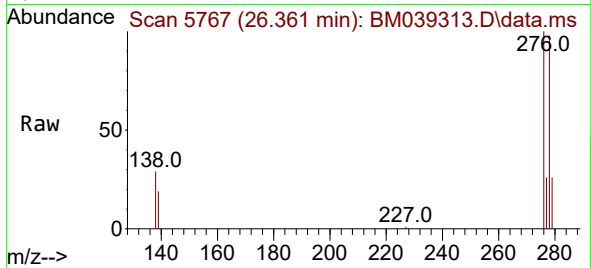




#28
Dibenzo(a,h)anthracene
Concen: 1.620 ng/ul
RT: 26.361 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

Tgt Ion:278 Resp: 62158
Ion Ratio Lower Upper
278 100
139 19.5 21.8 32.6#
279 27.1 30.0 45.0#



#29
Benzo(g,h,i)perylene
Concen: 1.489 ng/ul
RT: 27.095 min Scan# 5986
Delta R.T. -0.007 min
Lab File: BM039313.D
Acq: 06 Apr 2023 11:36

Tgt Ion:276 Resp: 78225
Ion Ratio Lower Upper
276 100
138 24.4 22.2 33.2
277 24.2 21.2 31.8

