

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
 Data File : BM039011.D
 Acq On : 14 Mar 2023 13:22
 Operator : CG/JU
 Sample : 01784-20DL2 25X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE9DL2

Quant Time: Mar 15 01:05:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 13 16:25:27 2023
 Response via : Initial Calibration

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

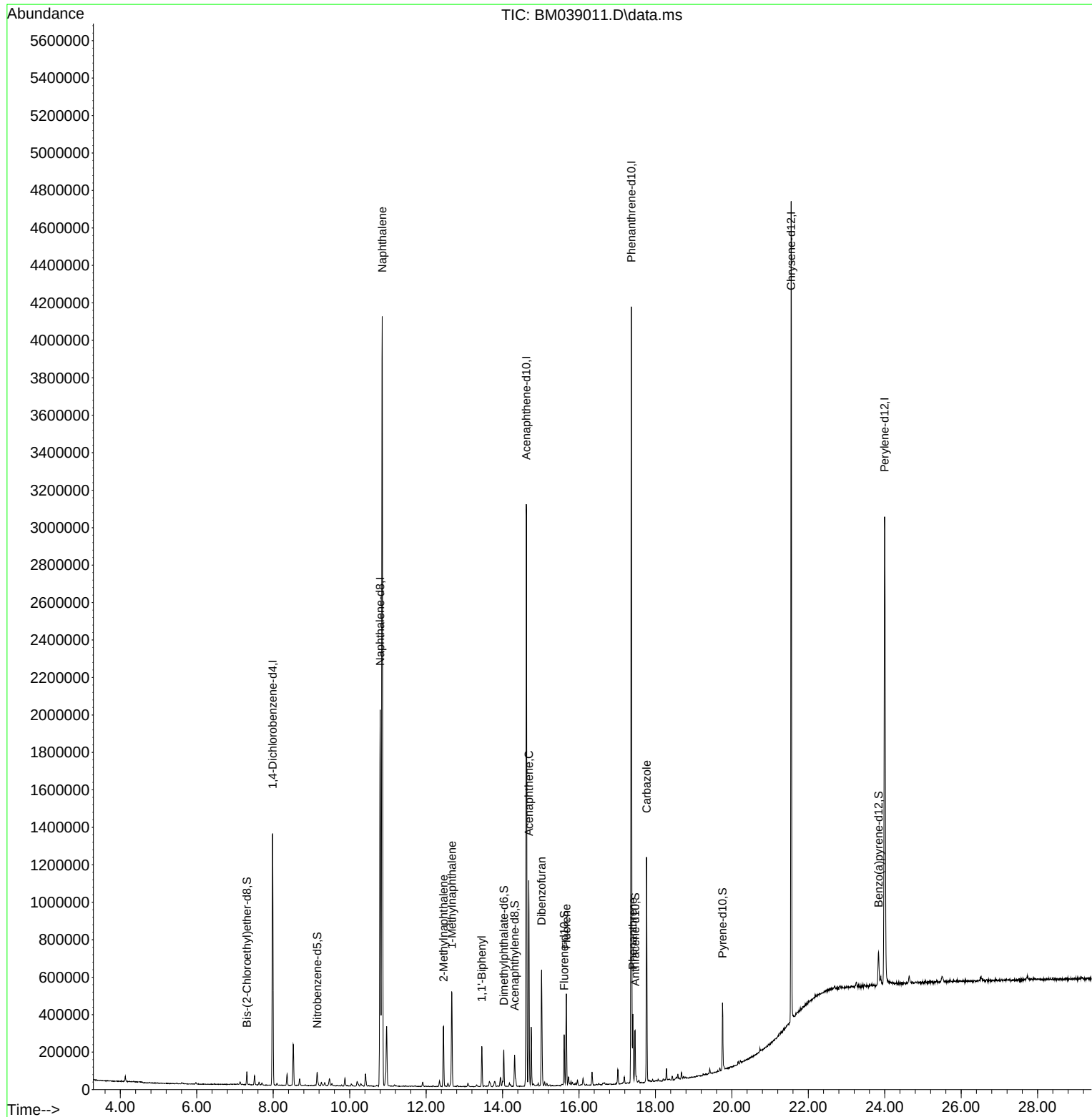
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	349777	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	1571522	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	1025134	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	2283975	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1916230	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1877263	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.140	99	6919	0.205	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	30647	1.408	ng/u1	0.00
11) 2-Chlorophenol-d4	7.510	132	21390	0.853	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	12110	0.460	ng/u1	0.00
21) Nitrobenzene-d5	9.151	128	16281	1.239	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	12921	0.976	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	21618	0.892	ng/u1	0.00
31) 4-Chloroaniline-d4	10.939	131	25141	0.641	ng/u1	0.00
46) Dimethylphthalate-d6	14.033	166	116829	1.505	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	103104	1.143	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.610	176	98416	1.453	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	7301	0.505	ng/u1	0.00
73) Anthracene-d10	17.468	188	159415	1.448	ng/u1	0.00
81) Pyrene-d10	19.757	212	174090	1.552	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	124895	1.296	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.851	128	3310937	37.240	ng/u1	100
36) 2-Methylnaphthalene	12.457	142	142046	2.462	ng/u1	98
37) 1-Methylnaphthalene	12.675	142	224206	3.868	ng/u1	100
43) 1,1'-Biphenyl	13.457	154	106800	1.311	ng/u1	99
52) Acenaphthene	14.686	153	415328	5.970	ng/u1	98
56) Dibenzofuran	15.022	168	352413	3.690	ng/u1	99
61) Fluorene	15.669	166	205841	2.596	ng/u1	99
72) Phenanthrene	17.410	178	194464	1.499	ng/u1	99
77) Carbazole	17.768	167	668917	5.658	ng/u1	98

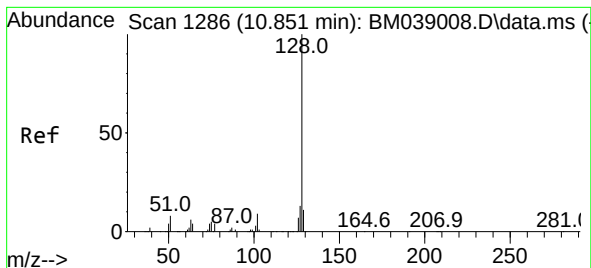
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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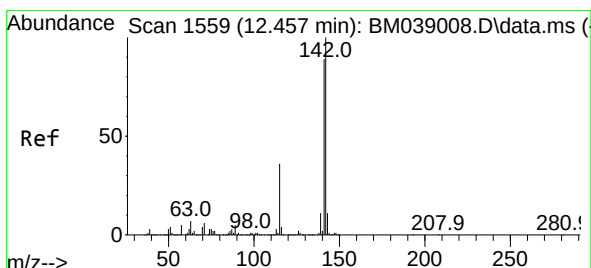
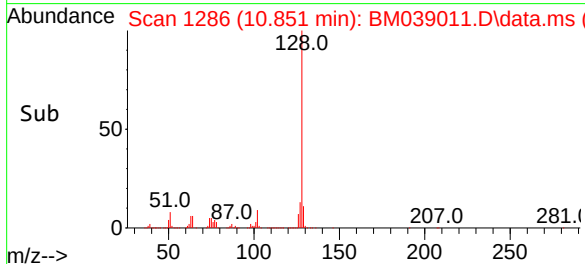
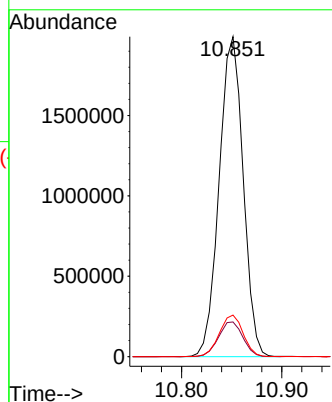
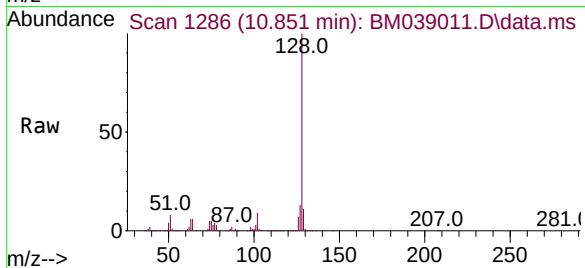




#30
Naphthalene
Concen: 37.240 ng/ul
RT: 10.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM039011.D
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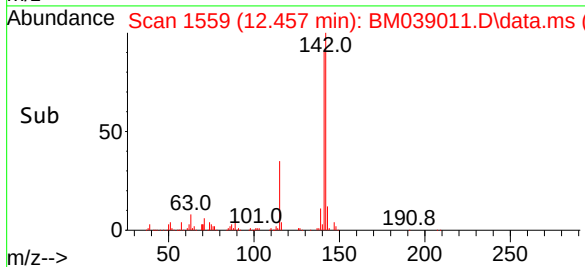
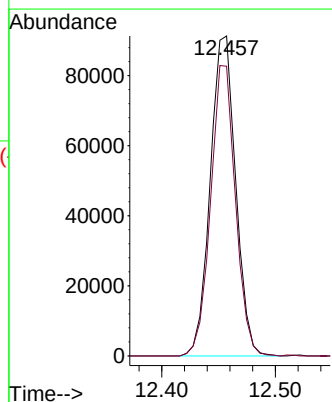
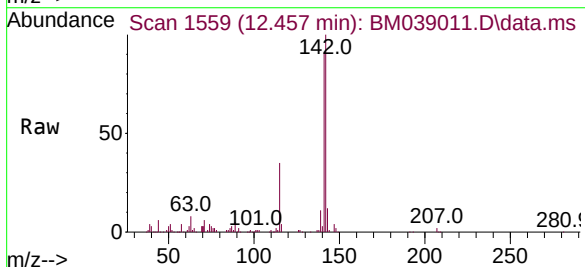
Instrument :
BNA_M
ClientSampleId :
DCAE9DL2

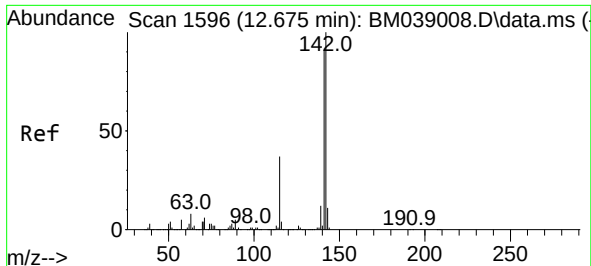
Tgt Ion:128 Resp: 3310937
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.3 15.5



#36
2-Methylnaphthalene
Concen: 2.462 ng/ul
RT: 12.457 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM039011.D
Acq: 14 Mar 2023 13:22

Tgt Ion:142 Resp: 142046
Ion Ratio Lower Upper
142 100
141 90.5 70.7 106.1





#37

1-Methylnaphthalene

Concen: 3.868 ng/ul

RT: 12.675 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039011.D

Acq: 14 Mar 2023 13:22

Instrument :

BNA_M

ClientSampleId :

DCAE9DL2

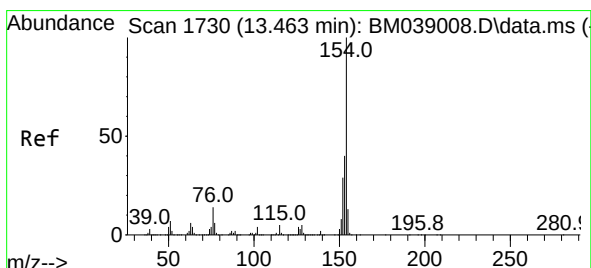
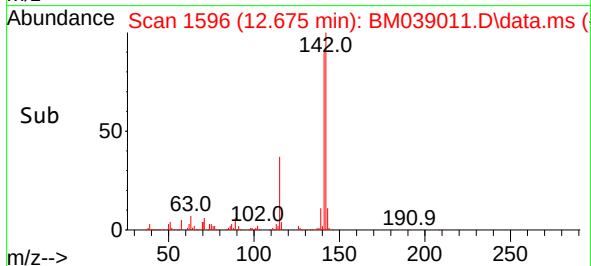
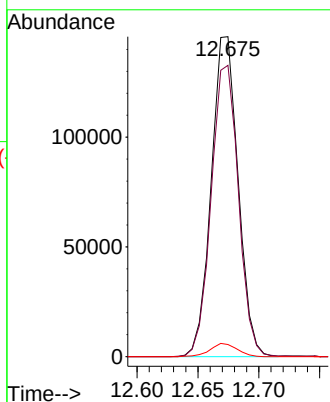
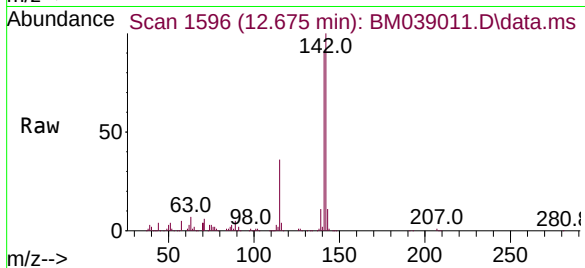
Tgt Ion:142 Resp: 224206

Ion Ratio Lower Upper

142 100

141 91.0 73.1 109.7

116 3.8 3.0 4.6



#43

1,1'-Biphenyl

Concen: 1.311 ng/ul

RT: 13.457 min Scan# 1729

Delta R.T. -0.006 min

Lab File: BM039011.D

Acq: 14 Mar 2023 13:22

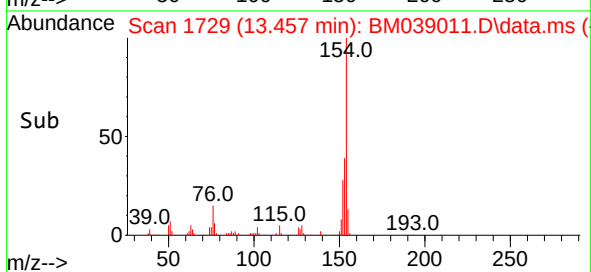
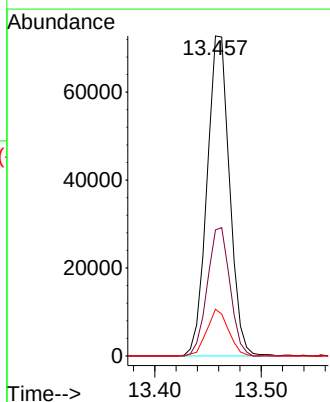
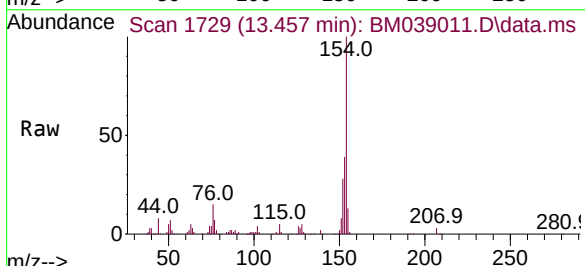
Tgt Ion:154 Resp: 106800

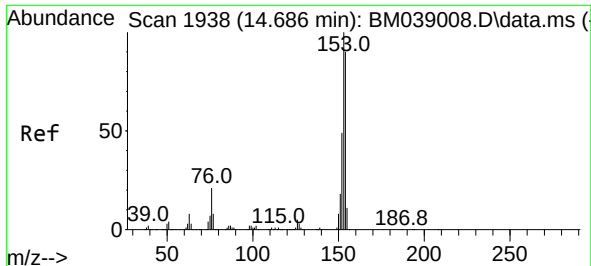
Ion Ratio Lower Upper

154 100

153 39.4 32.0 48.0

76 14.6 11.5 17.3

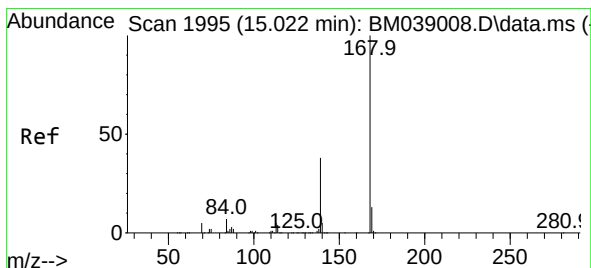
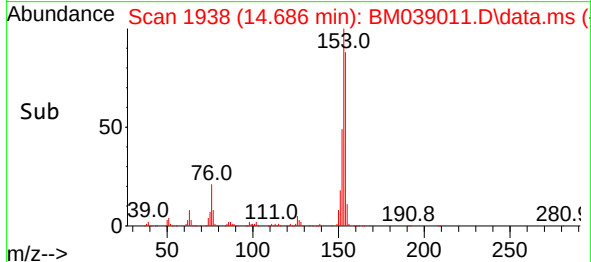
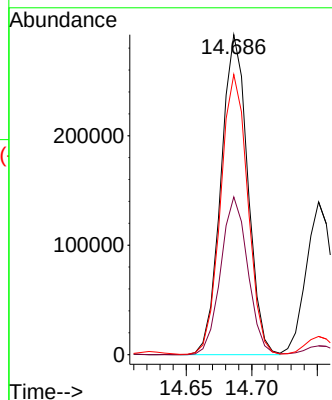
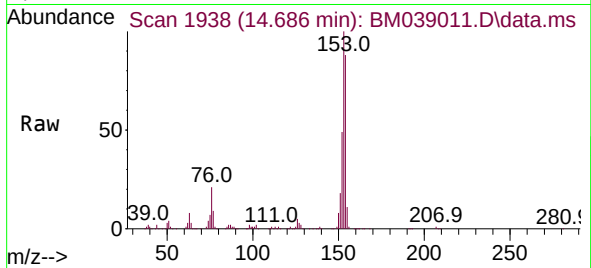




#52
Acenaphthene
Concen: 5.970 ng/ul
RT: 14.686 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM039011.D
Acq: 14 Mar 2023 13:22

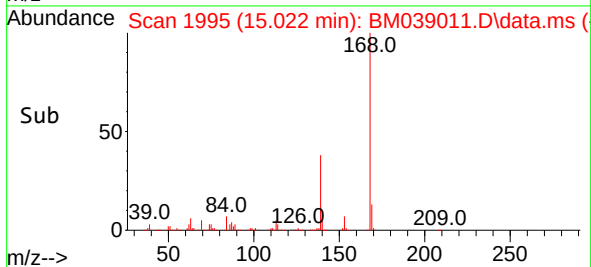
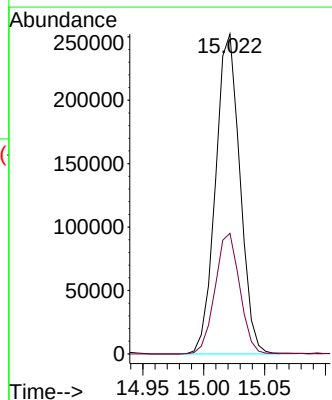
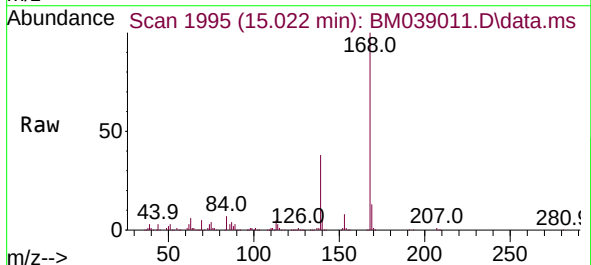
Instrument :
BNA_M
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DCAE9DL2

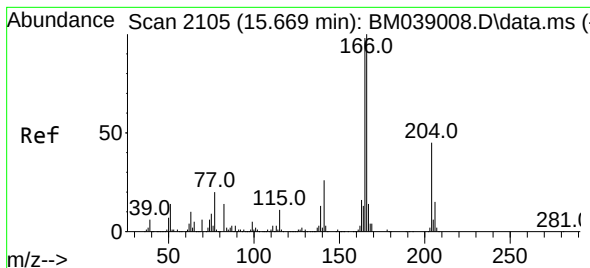
Tgt Ion:153 Resp: 415328
Ion Ratio Lower Upper
153 100
152 49.3 38.1 57.1
154 87.5 71.4 107.0



#56
Dibenzofuran
Concen: 3.690 ng/ul
RT: 15.022 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BM039011.D
Acq: 14 Mar 2023 13:22

Tgt Ion:168 Resp: 352413
Ion Ratio Lower Upper
168 100
139 37.7 30.7 46.1





#61

Fluorene

Concen: 2.596 ng/ul

RT: 15.669 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BM039011.D

Acq: 14 Mar 2023 13:22

Instrument :

BNA_M

ClientSampleId :

DCAE9DL2

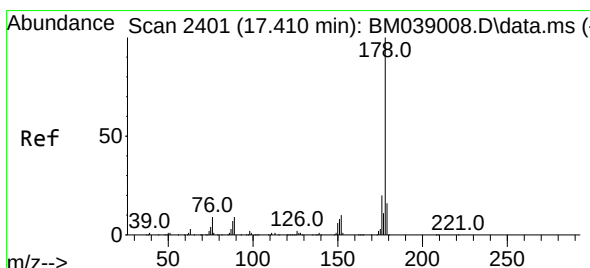
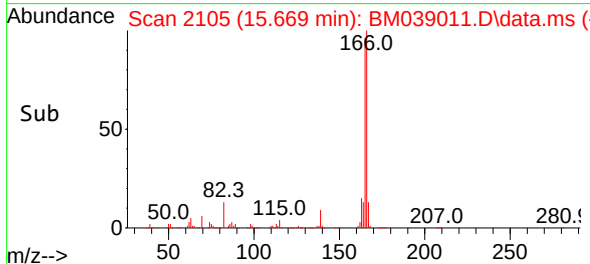
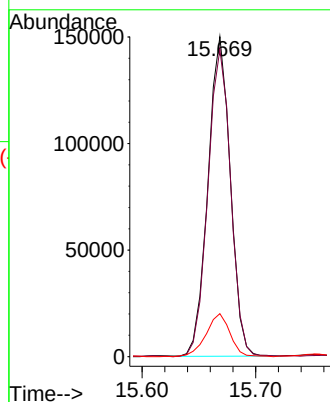
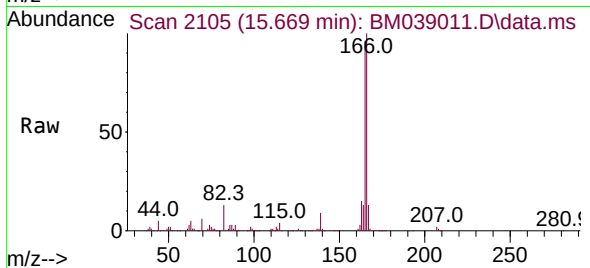
Tgt Ion:166 Resp: 205841

Ion Ratio Lower Upper

166 100

165 96.0 77.5 116.3

167 13.4 11.0 16.6



#72

Phenanthrene

Concen: 1.499 ng/ul

RT: 17.410 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM039011.D

Acq: 14 Mar 2023 13:22

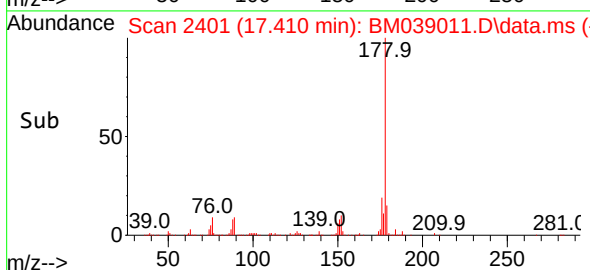
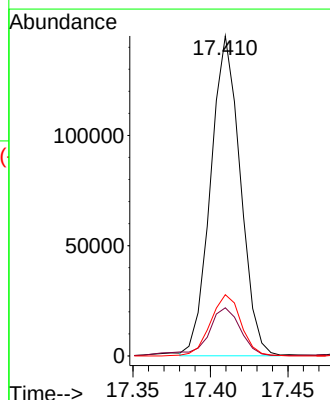
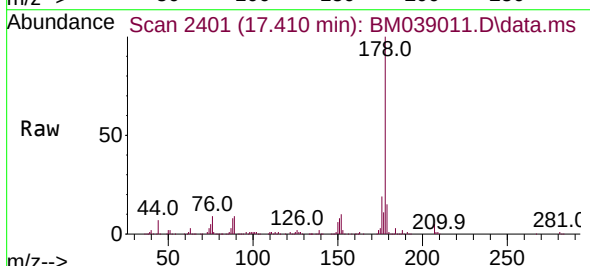
Tgt Ion:178 Resp: 194464

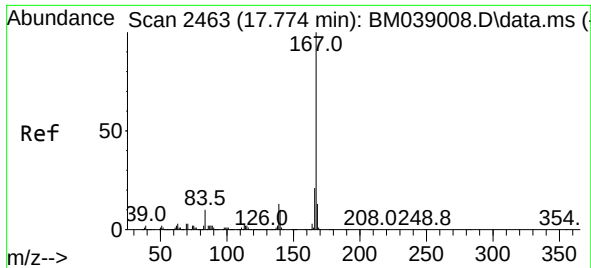
Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

176 19.1 15.7 23.5





#77
 Carbazole
 Concen: 5.658 ng/ul
 RT: 17.768 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM039011.D
 Acq: 14 Mar 2023 13:22

Instrument :
 BNA_M
 ClientSampleId :
 DCAE9DL2

Tgt Ion:167 Resp: 668917
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.4
 139 13.7 10.4 15.6

