

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
 Data File : BM039006.D
 Acq On : 14 Mar 2023 10:12
 Operator : CG/JU
 Sample : 01810-02DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAF9DL

Quant Time: Mar 15 01:04:05 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

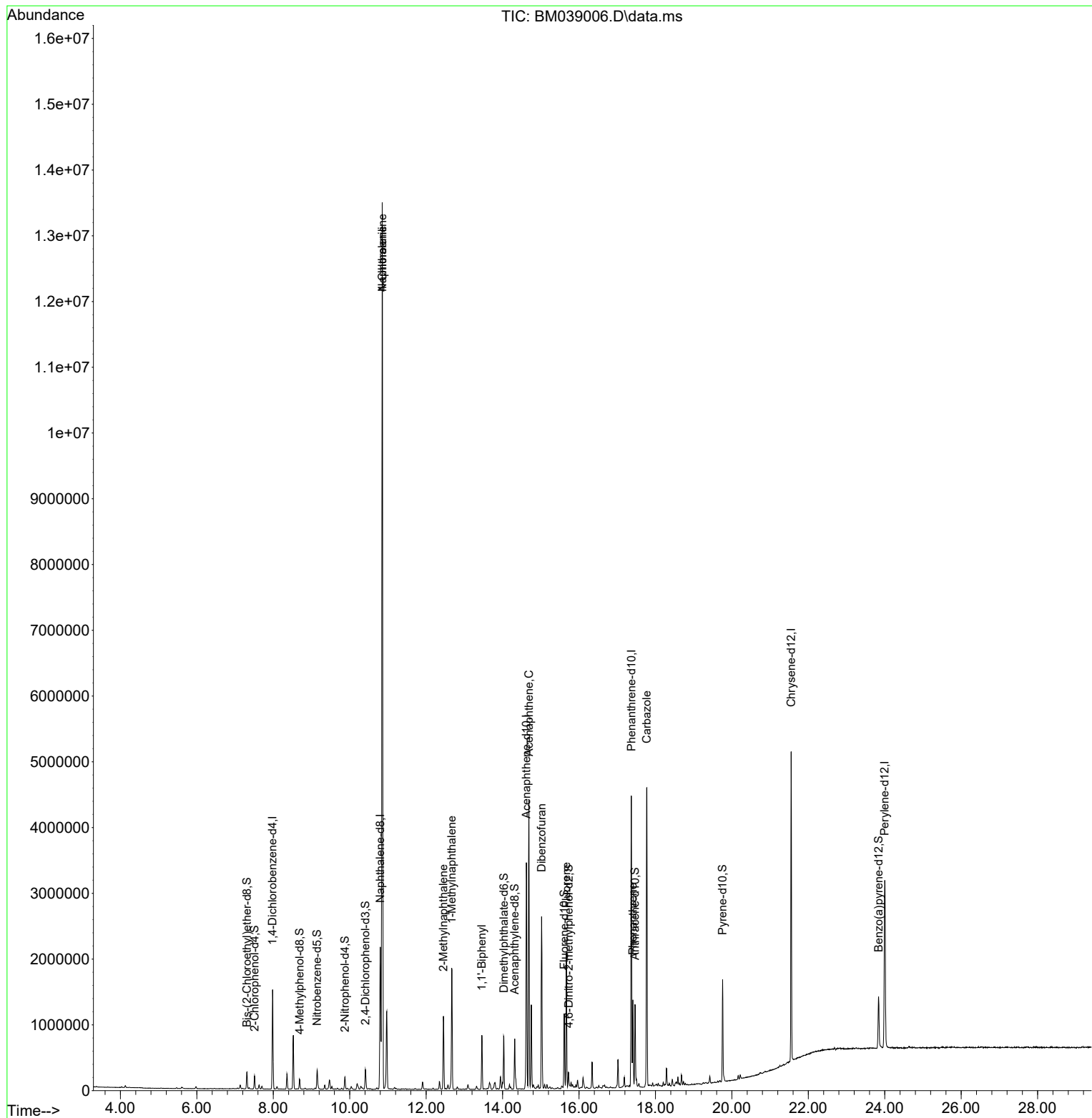
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	383547	20.000	ng/ul	0.00
20) Naphthalene-d8	10.798	136	1743924	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	1136529	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2475713	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1992647	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1904765	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	3327	0.302	ng/uL	0.00
4) Pyridine-d5	3.787	84	420	0.014	ng/ul	0.00
7) Phenol-d5	7.134	99	27260	0.738	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	116654	4.889	ng/ul	0.00
11) 2-Chlorophenol-d4	7.510	132	86461	3.146	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	53619	1.856	ng/ul	-0.01
21) Nitrobenzene-d5	9.145	128	65679	4.505	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	56562	3.851	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	99218	3.690	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	38770	0.891	ng/ul	0.00
46) Dimethylphthalate-d6	14.033	166	494598	5.746	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	463751	4.639	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	8240	0.459	ng/ul	-0.01
60) Fluorene-d10	15.610	176	429873	5.723	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	41180	2.626	ng/ul	0.00
73) Anthracene-d10	17.462	188	694616	5.819	ng/ul	0.00
81) Pyrene-d10	19.756	212	750573	6.434	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	549692	5.621	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.851	128	10595812	107.394	ng/ul	98
32) 4-Chloroaniline	10.851	127	1424769	32.552	ng/ul#	6
36) 2-Methylnaphthalene	12.451	142	481506	7.519	ng/ul	99
37) 1-Methylnaphthalene	12.669	142	834113	12.967	ng/ul	99
43) 1,1'-Biphenyl	13.457	154	402048	4.451	ng/ul	99
52) Acenaphthene	14.686	153	1642684	21.297	ng/ul	99
56) Dibenzofuran	15.021	168	1467641	13.861	ng/ul	98
61) Fluorene	15.669	166	863040	9.819	ng/ul	98
72) Phenanthrene	17.410	178	717606	5.104	ng/ul	100
77) Carbazole	17.774	167	2810232	21.931	ng/ul	99

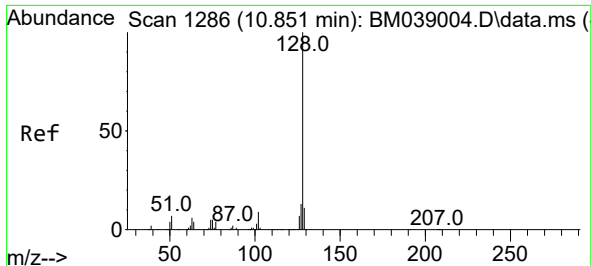
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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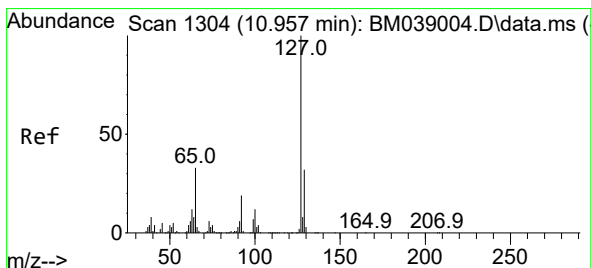
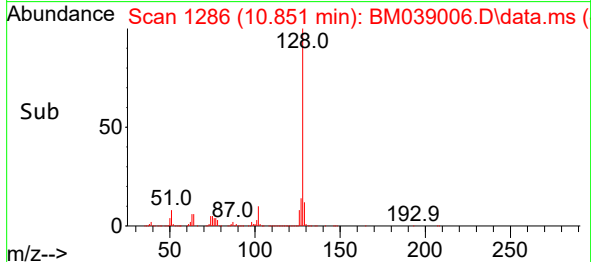
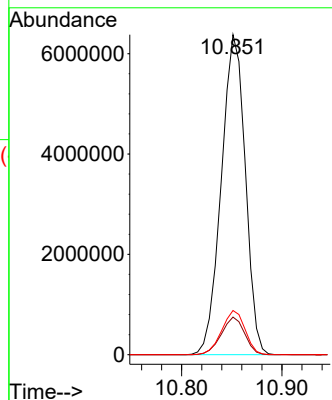
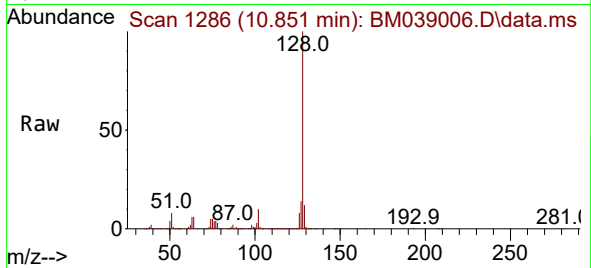




#30
Naphthalene
Concen: 107.394 ng/ul
RT: 10.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM039006.D
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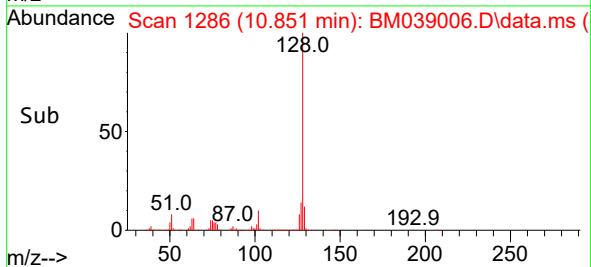
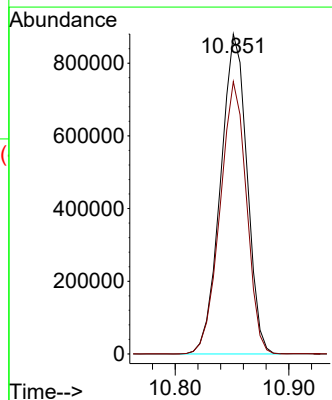
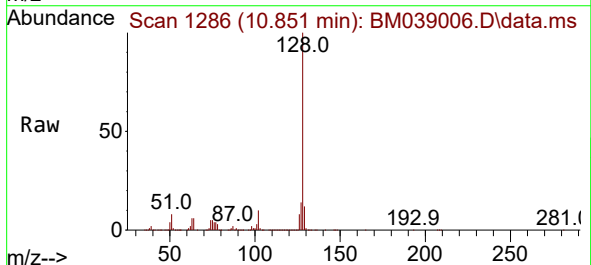
Instrument :
BNA_M
ClientSampleId :
DCAF9DL

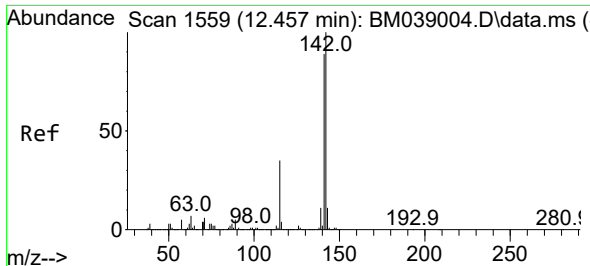
Tgt Ion:128 Resp:10595812
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.8 10.3 15.5



#32
4-Chloroaniline
Concen: 32.552 ng/ul
RT: 10.851 min Scan# 1286
Delta R.T. -0.112 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12

Tgt Ion:127 Resp: 1424769
Ion Ratio Lower Upper
127 100
129 85.1 25.9 38.9#

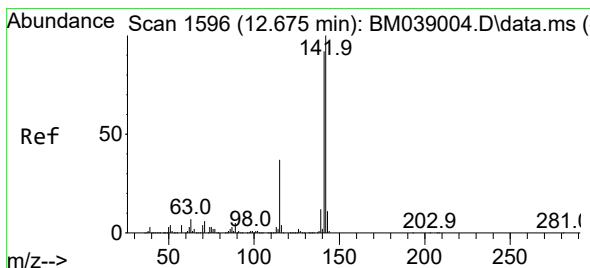
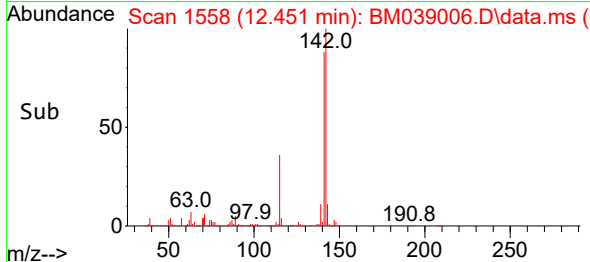
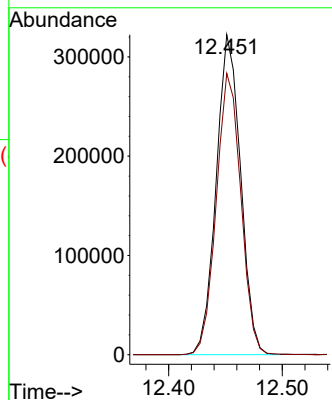
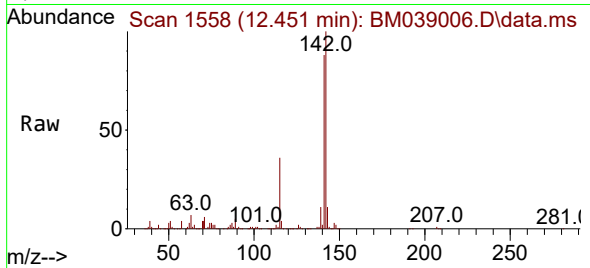




#36
2-Methylnaphthalene
Concen: 7.519 ng/ul
RT: 12.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12

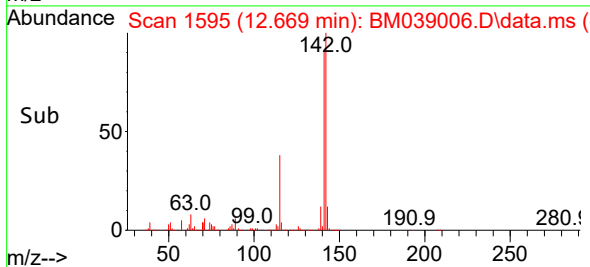
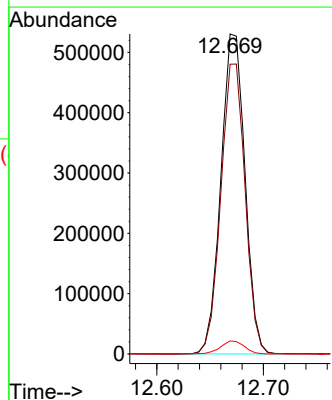
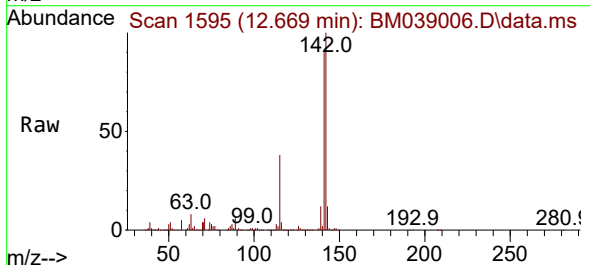
Instrument :
BNA_M
ClientSampleId :
DCAF9DL

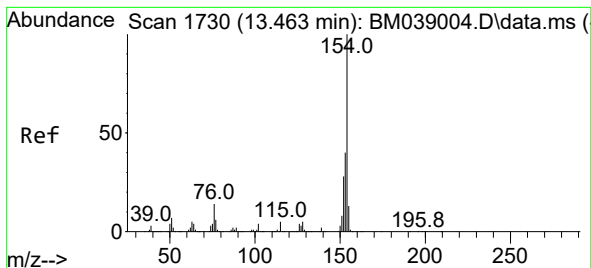
Tgt Ion:142 Resp: 481506
Ion Ratio Lower Upper
142 100
141 87.9 70.7 106.1



#37
1-Methylnaphthalene
Concen: 12.967 ng/ul
RT: 12.669 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12

Tgt Ion:142 Resp: 834113
Ion Ratio Lower Upper
142 100
141 90.5 73.1 109.7
116 4.0 3.0 4.6





#43

1,1'-Biphenyl

Concen: 4.451 ng/ul

RT: 13.457 min Scan# 1729

Delta R.T. -0.006 min

Lab File: BM039006.D

Acq: 14 Mar 2023 10:12

Instrument :

BNA_M

ClientSampleId :

DCAF9DL

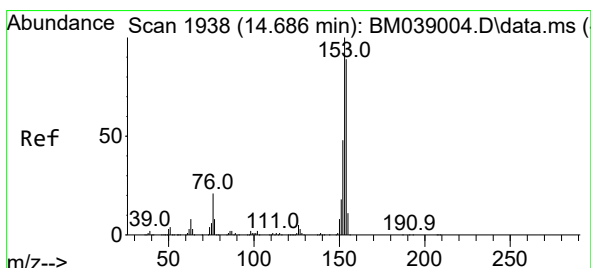
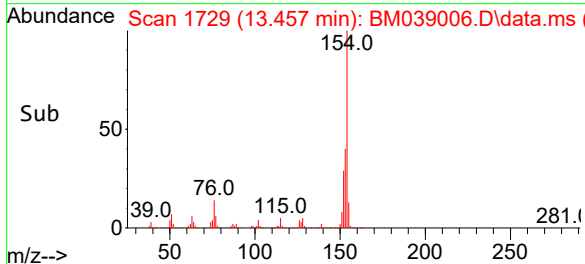
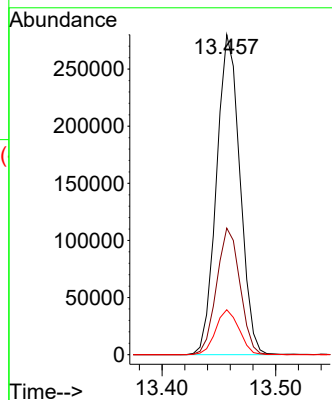
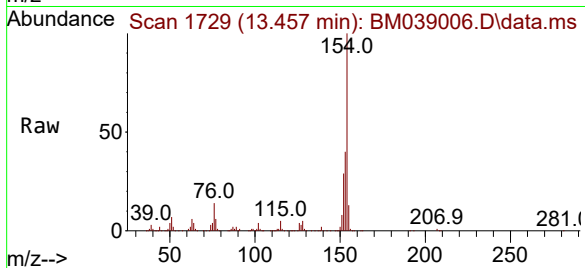
Tgt Ion:154 Resp: 402048

Ion Ratio Lower Upper

154 100

153 39.6 32.0 48.0

76 14.0 11.5 17.3



#52

Acenaphthene

Concen: 21.297 ng/ul

RT: 14.686 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BM039006.D

Acq: 14 Mar 2023 10:12

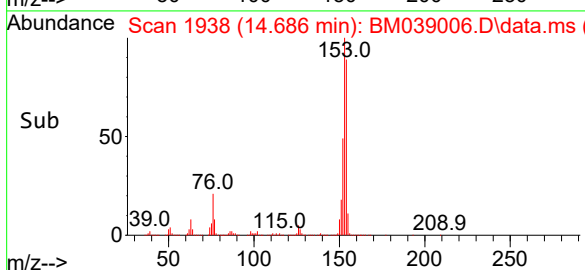
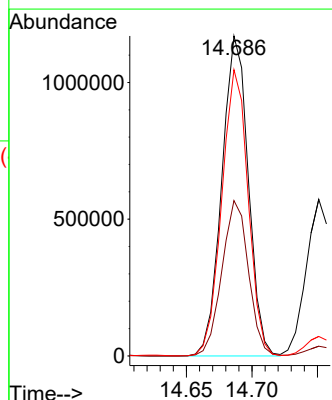
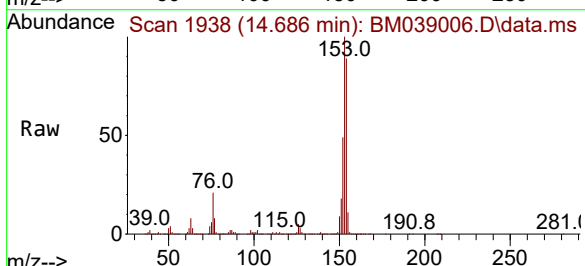
Tgt Ion:153 Resp: 1642684

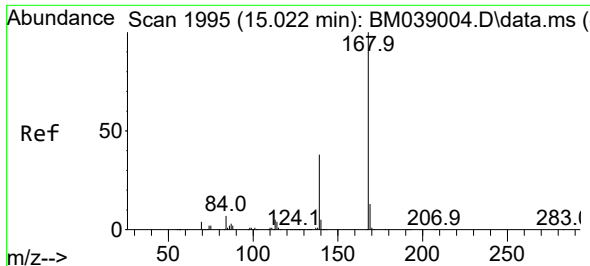
Ion Ratio Lower Upper

153 100

152 48.6 38.1 57.1

154 89.5 71.4 107.0

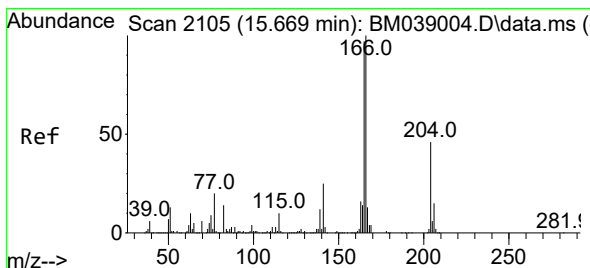
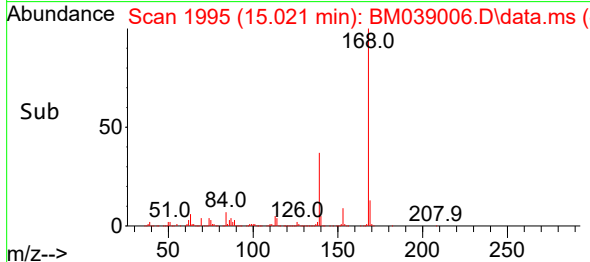
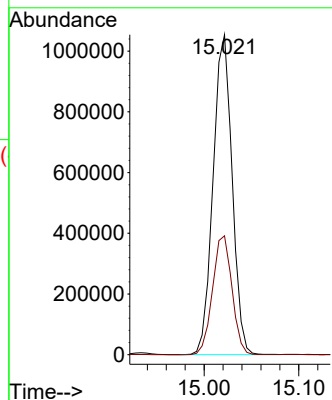
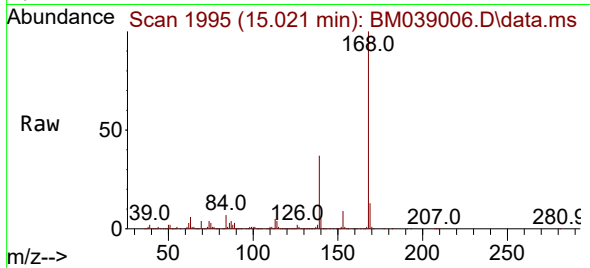




#56
Dibenzenofuran
Concen: 13.861 ng/ul
RT: 15.021 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12

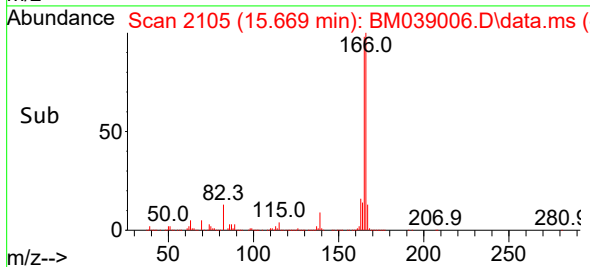
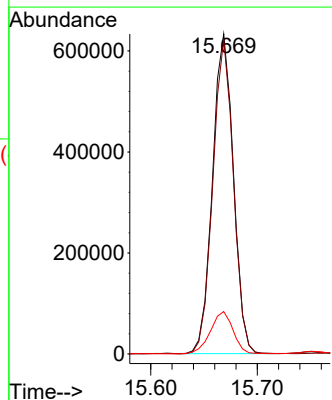
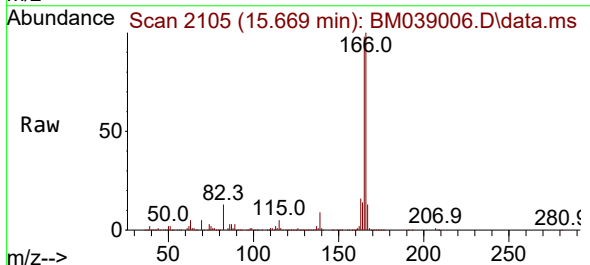
Instrument :
BNA_M
ClientSampleId :
DCAF9DL

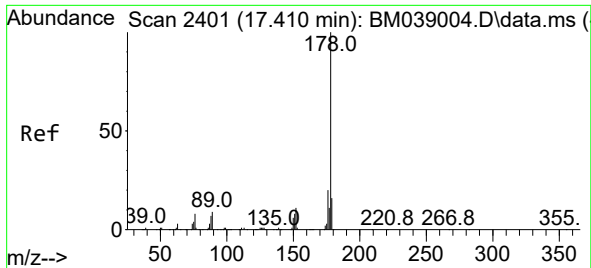
Tgt Ion:168 Resp: 1467641
Ion Ratio Lower Upper
168 100
139 37.1 30.7 46.1



#61
Fluorene
Concen: 9.819 ng/ul
RT: 15.669 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12

Tgt Ion:166 Resp: 863040
Ion Ratio Lower Upper
166 100
165 98.5 77.5 116.3
167 13.3 11.0 16.6

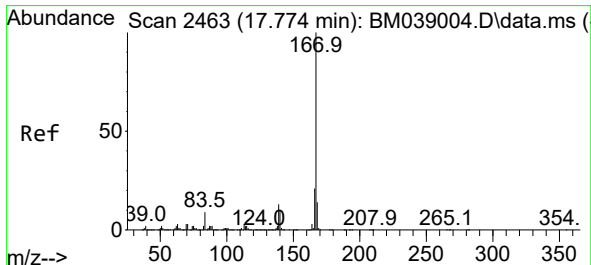
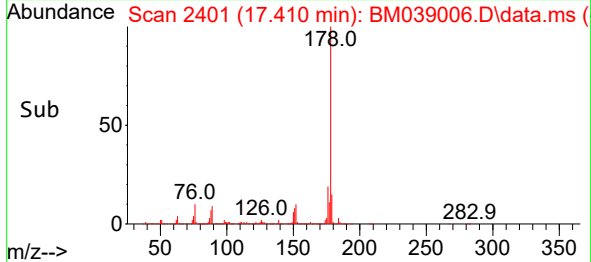
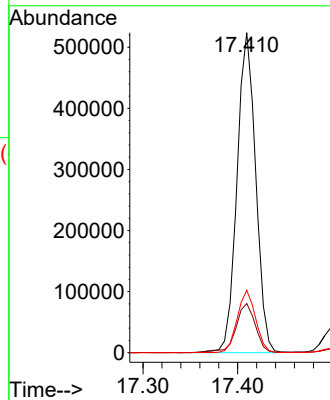
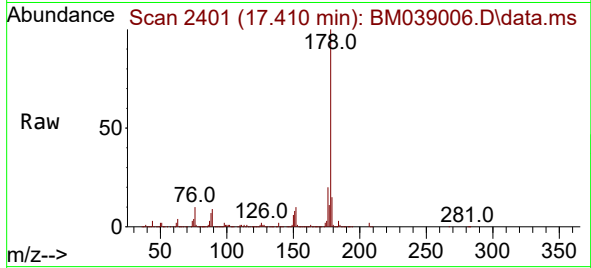




#72
Phenanthrene
Concen: 5.104 ng/ul
RT: 17.410 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM039006.D
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BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 717606
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.5 15.7 23.5



#77
Carbazole
Concen: 21.931 ng/ul
RT: 17.774 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BM039006.D
Acq: 14 Mar 2023 10:12

Tgt Ion:167 Resp: 2810232
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.4
139 13.3 10.4 15.6

