

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039513.D
 Acq On : 20 Apr 2023 02:29
 Operator : CG/JU
 Sample : 02296-14DL2 30X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL8DL2

Quant Time: Apr 20 05:31:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

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

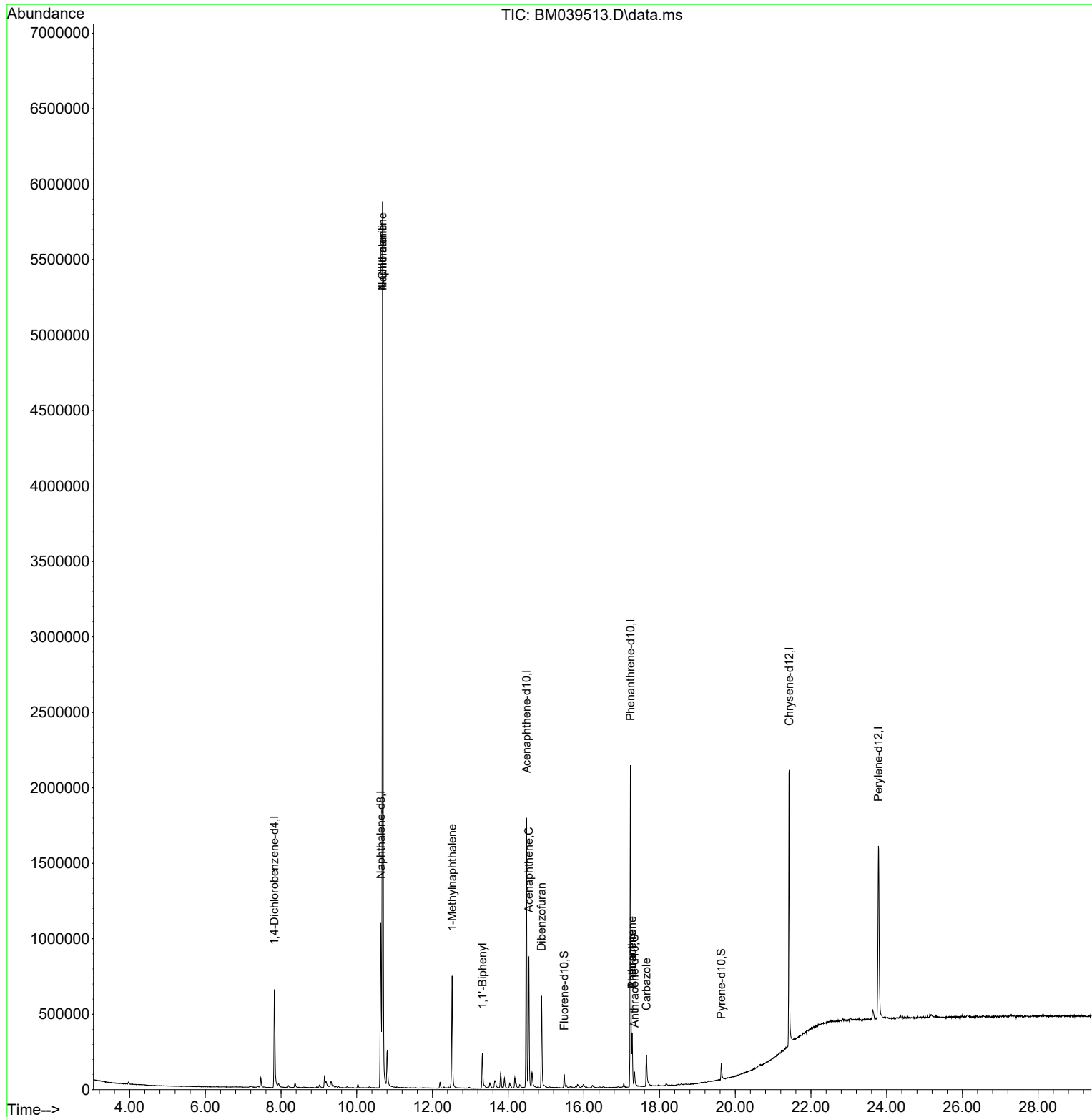
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	203176	20.000	ng/ul	0.00
20) Naphthalene-d8	10.636	136	969113	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	638930	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	1344185	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	960536	20.000	ng/ul	0.00
88) Perylene-d12	23.783	264	928638	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	875	0.165	ng/uL	0.00
4) Pyridine-d5	3.654	84	1258	0.085	ng/ul	0.01
7) Phenol-d5	7.090	99	534	0.029	ng/ul	0.07
9) Bis-(2-Chloroethyl)eth...	7.178	67	3957	0.322	ng/ul	0.01
11) 2-Chlorophenol-d4	7.378	132	4210	0.289	ng/ul	0.01
15) 4-Methylphenol-d8	8.601	113	2165	0.145	ng/ul	0.04
21) Nitrobenzene-d5	9.025	128	3777	0.484	ng/ul	0.03
24) 2-Nitrophenol-d4	9.742	143	3510	0.401	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.319	165	1801	0.120	ng/ul	0.05
31) 4-Chloroaniline-d4	10.778	131	229	0.010	ng/ul	0.00
46) Dimethylphthalate-d6	13.901	166	49956	0.969	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	48066	0.830	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.483	176	42709	1.012	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	426	0.048	ng/ul	0.03
73) Anthracene-d10	17.336	188	67723	1.048	ng/ul	0.00
81) Pyrene-d10	19.630	212	67078	1.051	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.636	264	44891	0.895	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.683	128	4864559	90.723	ng/ul	100
32) 4-Chloroaniline	10.683	127	629605	28.400	ng/ul#	6
37) 1-Methylnaphthalene	12.519	142	378991	10.492	ng/ul	98
43) 1,1'-Biphenyl	13.319	154	147814	2.994	ng/ul	99
52) Acenaphthene	14.548	153	351396	8.242	ng/ul	98
56) Dibenzofuran	14.883	168	439061	7.577	ng/ul	99
72) Phenanthrene	17.277	178	205724	2.757	ng/ul	98
74) Anthracene	17.277	178	205724	2.748	ng/ul	99
77) Carbazole	17.654	167	199705	3.002	ng/ul	99

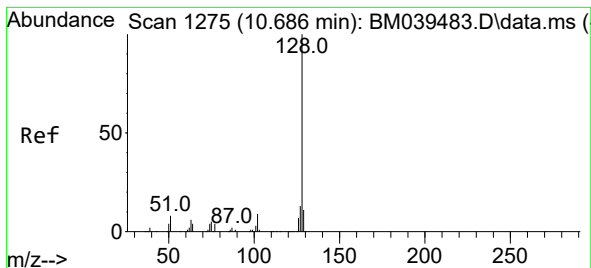
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 90.723 ng/ul

RT: 10.683 min Scan# 11

Delta R.T. -0.003 min

Lab File: BM039513.D

Acq: 20 Apr 2023 02:29

Instrument :

BNA_N

ClientSampleId :

DCBL8DL2

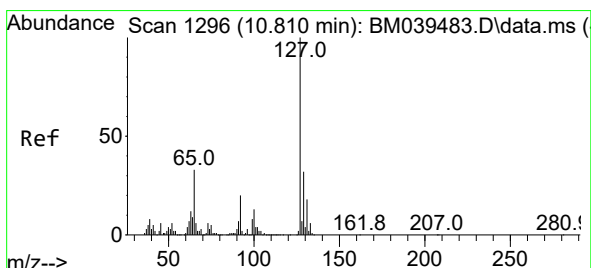
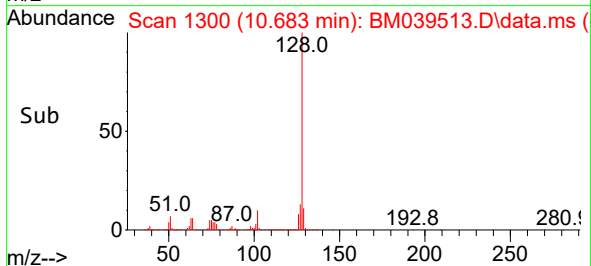
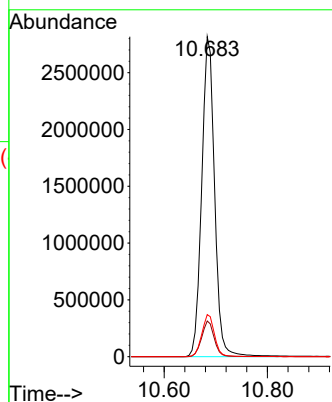
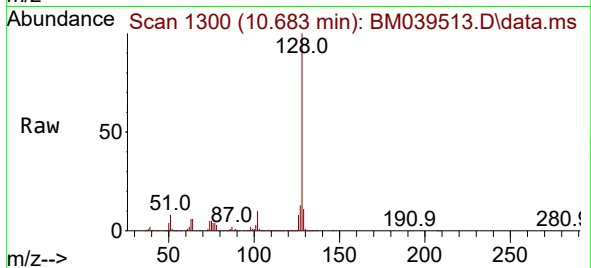
Tgt Ion:128 Resp: 4864559

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.1 10.5 15.7



#32

4-Chloroaniline

Concen: 28.400 ng/ul

RT: 10.683 min Scan# 1300

Delta R.T. -0.126 min

Lab File: BM039513.D

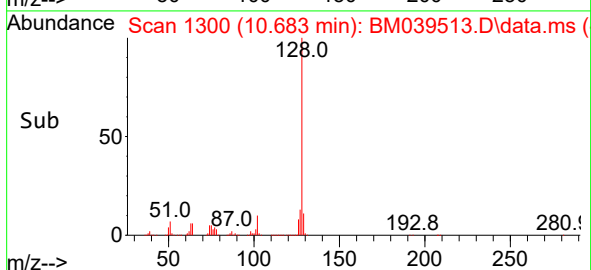
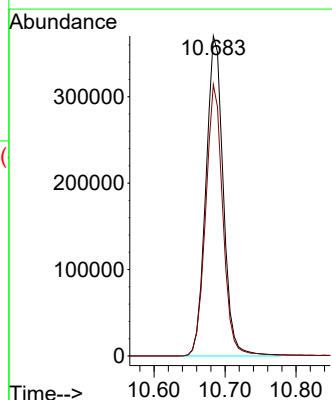
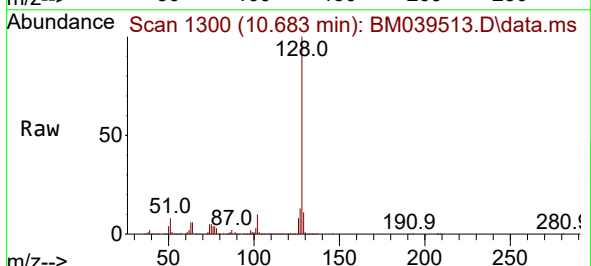
Acq: 20 Apr 2023 02:29

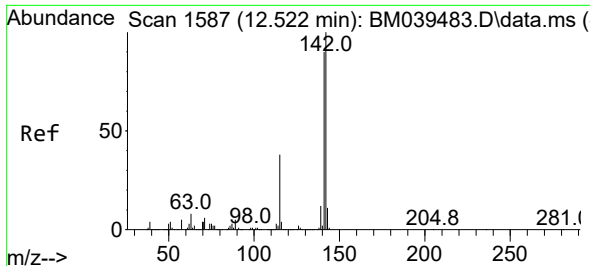
Tgt Ion:127 Resp: 629605

Ion Ratio Lower Upper

127 100

129 84.8 25.8 38.8#





#37

1-Methylnaphthalene

Concen: 10.492 ng/ul

RT: 12.519 min Scan# 1

Delta R.T. -0.003 min

Lab File: BM039513.D

Acq: 20 Apr 2023 02:29

Instrument :

BNA_N

ClientSampleId :

DCBL8DL2

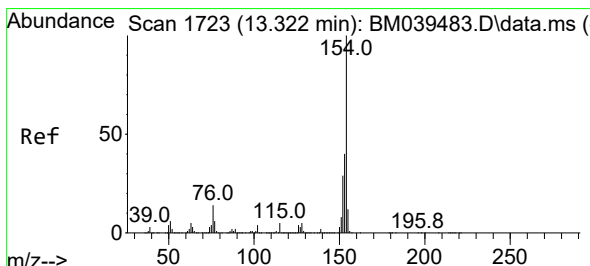
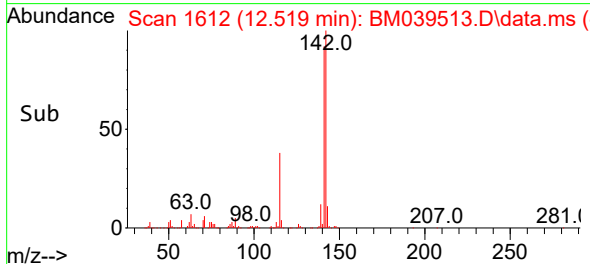
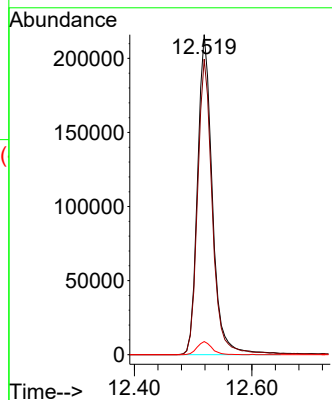
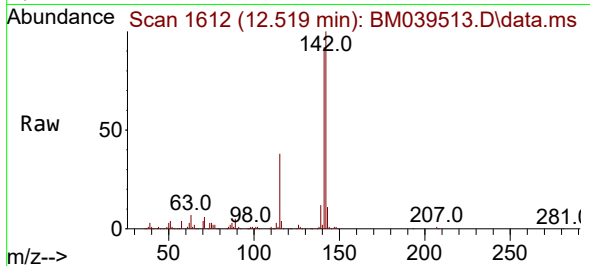
Tgt Ion:142 Resp: 378991

Ion Ratio Lower Upper

142 100

141 92.4 72.0 108.0

116 4.1 3.2 4.8



#43

1,1'-Biphenyl

Concen: 2.994 ng/ul

RT: 13.319 min Scan# 1748

Delta R.T. -0.003 min

Lab File: BM039513.D

Acq: 20 Apr 2023 02:29

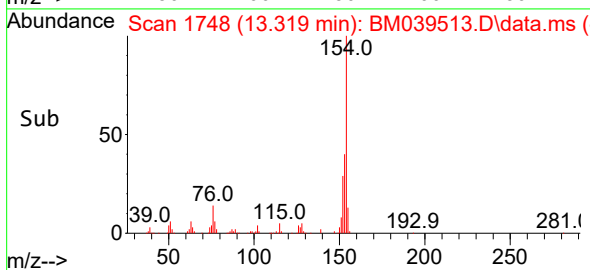
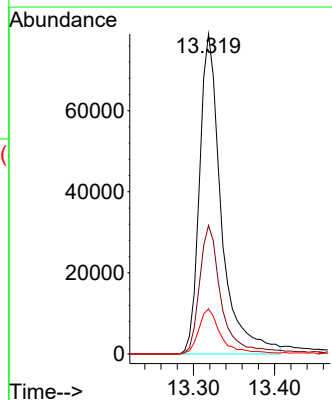
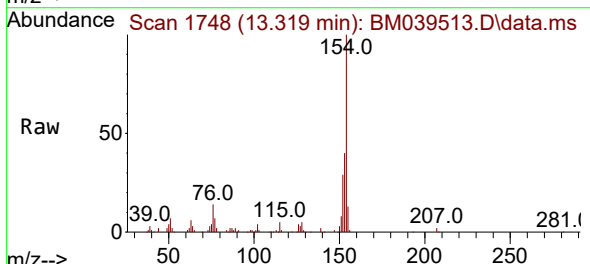
Tgt Ion:154 Resp: 147814

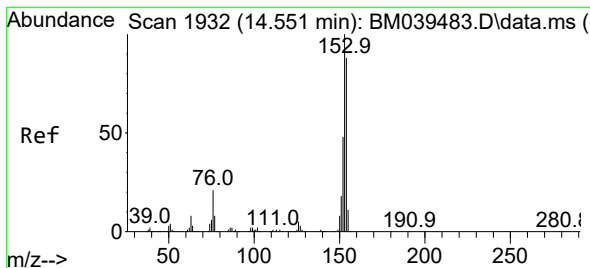
Ion Ratio Lower Upper

154 100

153 40.2 31.9 47.9

76 14.1 11.5 17.3





#52

Acenaphthene

Concen: 8.242 ng/ul

RT: 14.548 min Scan# 1932

Delta R.T. -0.003 min

Lab File: BM039513.D

Acq: 20 Apr 2023 02:29

Instrument :

BNA_N

ClientSampleId :

DCBL8DL2

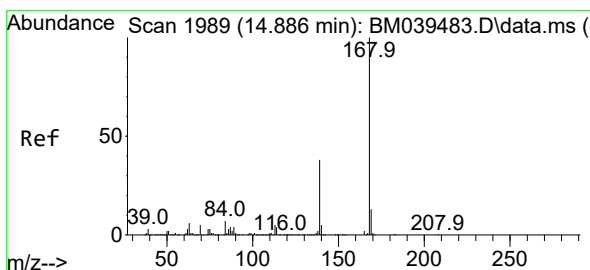
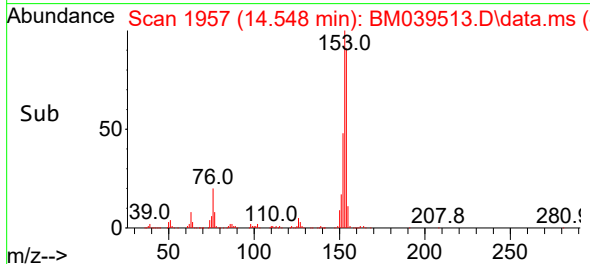
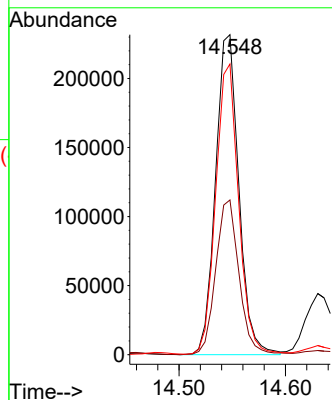
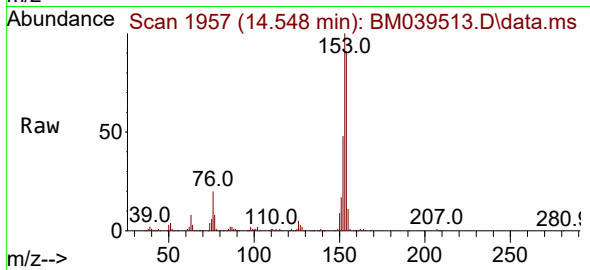
Tgt Ion:153 Resp: 351396

Ion Ratio Lower Upper

153 100

152 48.4 38.2 57.4

154 90.8 71.0 106.4



#56

Dibenzofuran

Concen: 7.577 ng/ul

RT: 14.883 min Scan# 2014

Delta R.T. -0.003 min

Lab File: BM039513.D

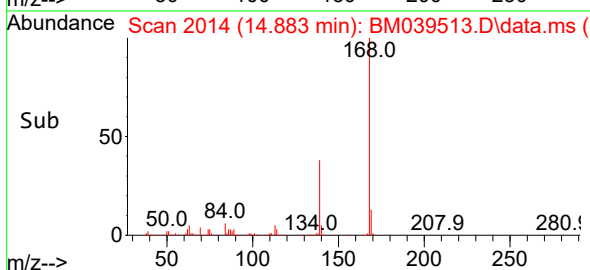
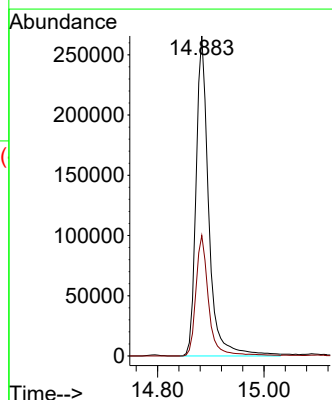
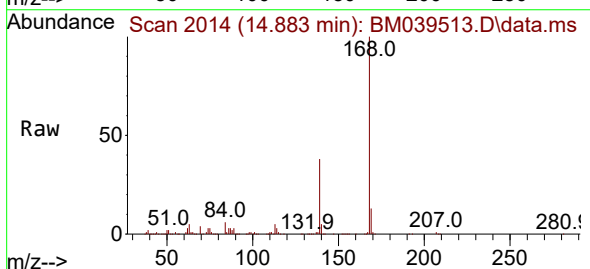
Acq: 20 Apr 2023 02:29

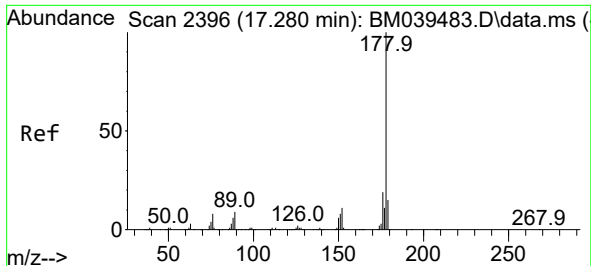
Tgt Ion:168 Resp: 439061

Ion Ratio Lower Upper

168 100

139 37.7 30.7 46.1

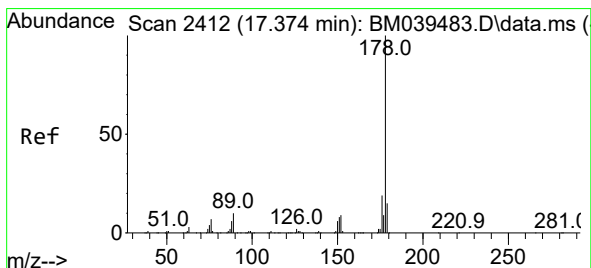
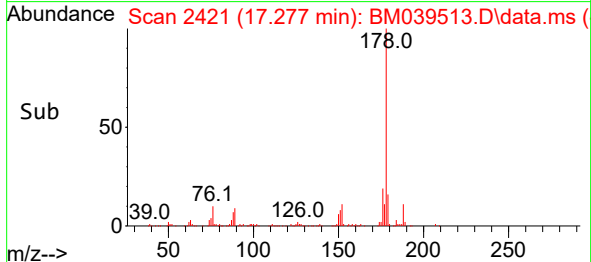
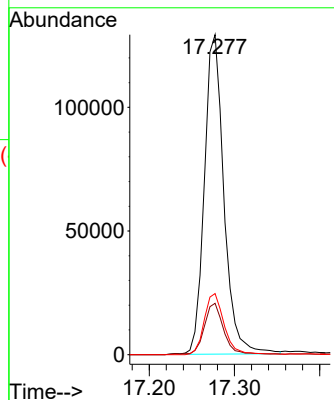
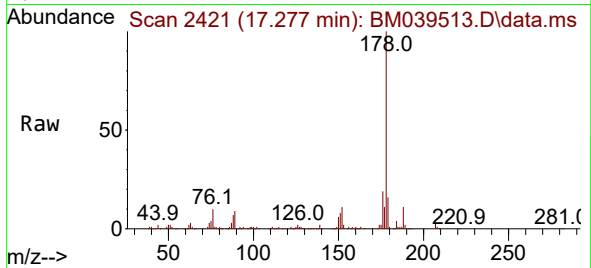




#72
Phenanthrene
Concen: 2.757 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BM039513.D
Acq: 20 Apr 2023 02:29

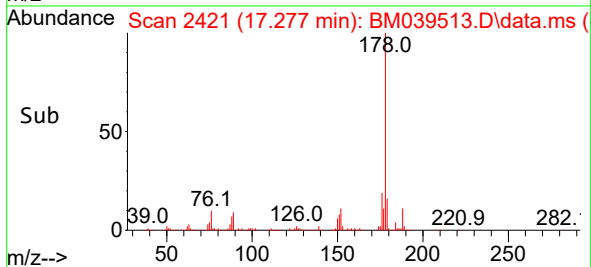
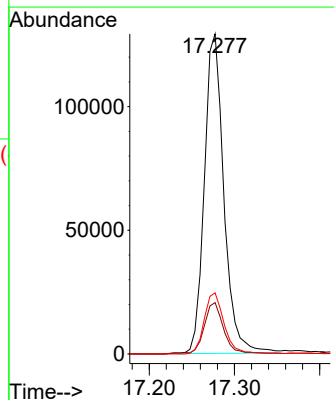
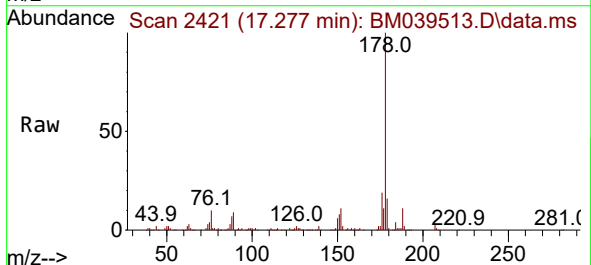
Instrument :
BNA_N
ClientSampleId :
DCBL8DL2

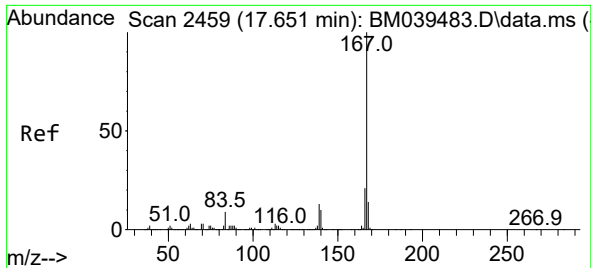
Tgt Ion:178 Resp: 205724
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.4
176 19.1 15.8 23.8



#74
Anthracene
Concen: 2.748 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.097 min
Lab File: BM039513.D
Acq: 20 Apr 2023 02:29

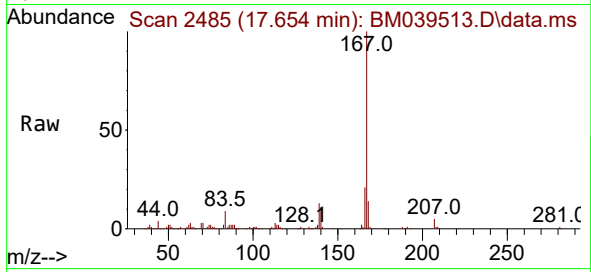
Tgt Ion:178 Resp: 205724
Ion Ratio Lower Upper
178 100
179 16.0 12.1 18.1
176 19.1 15.0 22.6





#77
 Carbazole
 Concen: 3.002 ng/ul
 RT: 17.654 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: BM039513.D
 Acq: 20 Apr 2023 02:29

Instrument :
 BNA_N
 ClientSampleId :
 DCBL8DL2



Tgt Ion:	167	Resp:	199705
Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.0	25.4
139	13.1	10.6	15.8

