

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039512.D
 Acq On : 20 Apr 2023 01:53
 Operator : CG/JU
 Sample : 02296-14DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL8DL

Quant Time: Apr 20 05:31:45 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

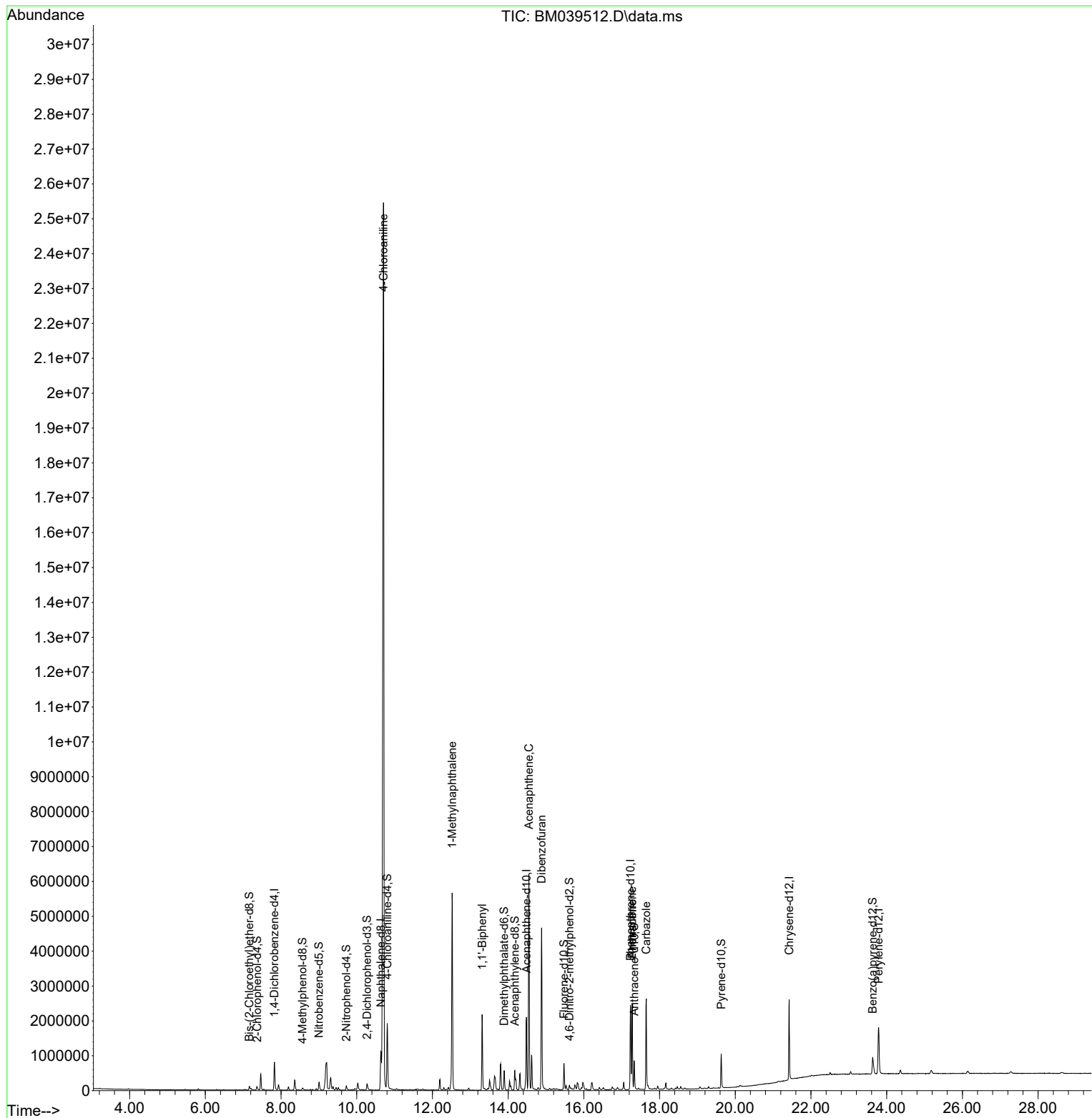
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	231412	20.000	ng/ul	0.00
20) Naphthalene-d8	10.636	136	1101488	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	717232	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	1523564	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	1106564	20.000	ng/ul	0.00
88) Perylene-d12	23.789	264	1041207	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	5689	0.944	ng/uL	0.00
4) Pyridine-d5	3.637	84	330	0.019	ng/ul	0.00
7) Phenol-d5	7.025	99	15100	0.713	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	66251	4.732	ng/ul	0.00
11) 2-Chlorophenol-d4	7.366	132	60808	3.660	ng/ul	0.00
15) 4-Methylphenol-d8	8.566	113	34918	2.047	ng/ul	0.00
21) Nitrobenzene-d5	9.001	128	40833	4.608	ng/ul	0.00
24) 2-Nitrophenol-d4	9.725	143	44005	4.422	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.272	165	79689	4.654	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	46833	1.831	ng/ul	0.02
46) Dimethylphthalate-d6	13.895	166	355880	6.152	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	375047	5.771	ng/ul	0.00
54) 4-Nitrophenol-d4	14.777	143	668	0.076	ng/ul	0.05
60) Fluorene-d10	15.477	176	304931	6.434	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.618	200	26625	2.630	ng/ul	0.00
73) Anthracene-d10	17.330	188	467865	6.385	ng/ul	0.00
81) Pyrene-d10	19.630	212	508460	6.915	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.630	264	351043	6.245	ng/ul	-0.01
Target Compounds						
					Qvalue	
32) 4-Chloroaniline	10.707	127	3805883	151.044	ng/ul#	12
37) 1-Methylnaphthalene	12.519	142	2642309	64.358	ng/ul	99
43) 1,1'-Biphenyl	13.313	154	1137638	20.524	ng/ul	99
52) Acenaphthene	14.548	153	2386040	49.856	ng/ul	99
56) Dibenzofuran	14.883	168	2992688	46.006	ng/ul	99
72) Phenanthrene	17.277	178	1423604	16.831	ng/ul	99
74) Anthracene	17.277	178	1423604	16.777	ng/ul	100
77) Carbazole	17.648	167	1748163	23.184	ng/ul	100

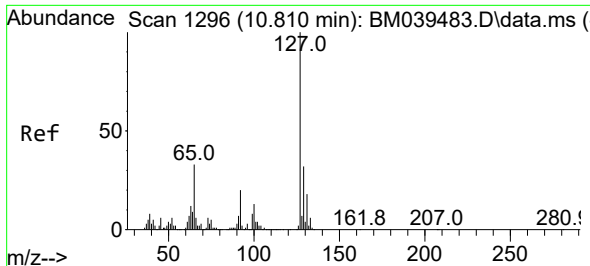
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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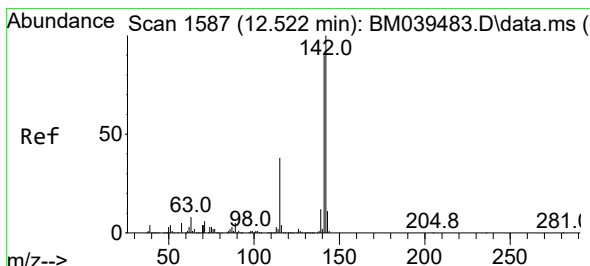
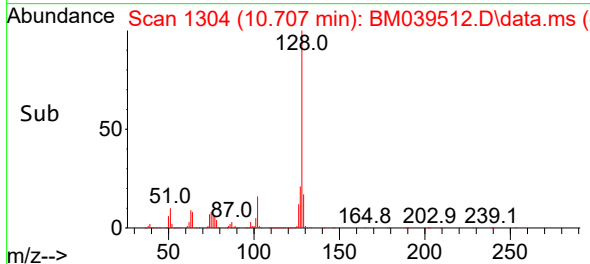
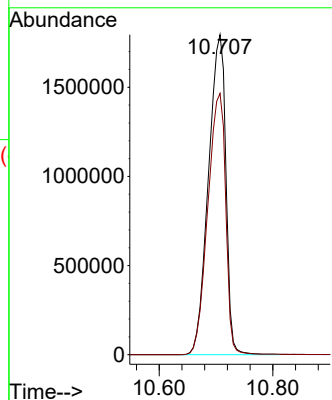
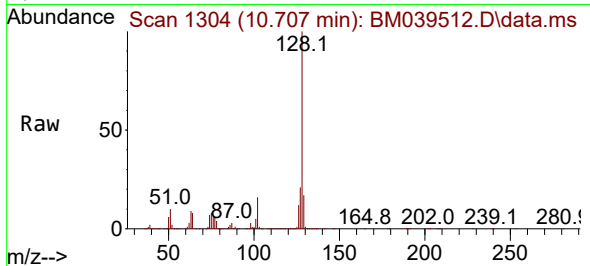




#32
4-Chloroaniline
Concen: 151.044 ng/ul
RT: 10.707 min Scan# 11
Delta R.T. -0.103 min
Lab File: BM039512.D
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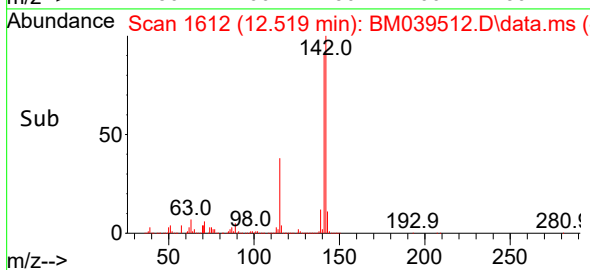
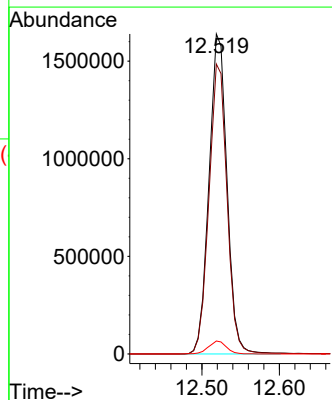
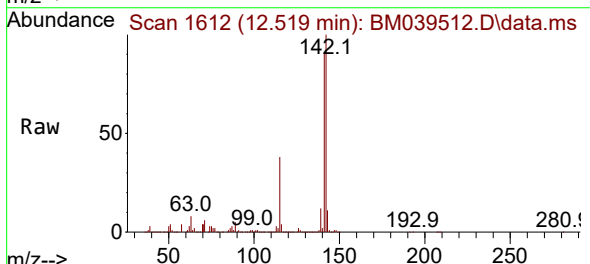
Instrument :
BNA_N
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DCBL8DL

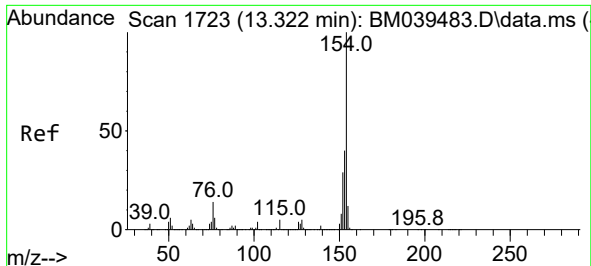
Tgt Ion:127 Resp: 3805883
Ion Ratio Lower Upper
127 100
129 81.7 25.8 38.8#



#37
1-Methylnaphthalene
Concen: 64.358 ng/ul
RT: 12.519 min Scan# 1612
Delta R.T. -0.003 min
Lab File: BM039512.D
Acq: 20 Apr 2023 01:53

Tgt Ion:142 Resp: 2642309
Ion Ratio Lower Upper
142 100
141 90.6 72.0 108.0
116 4.1 3.2 4.8

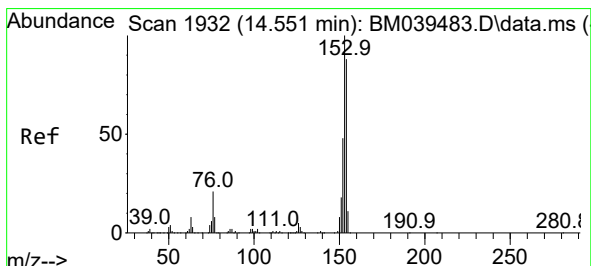
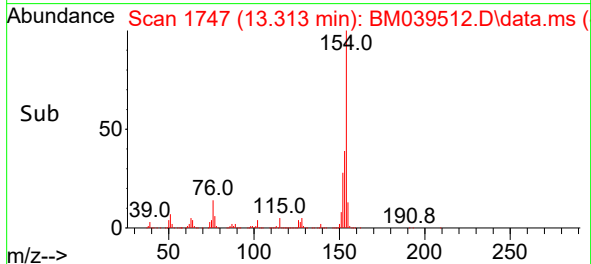
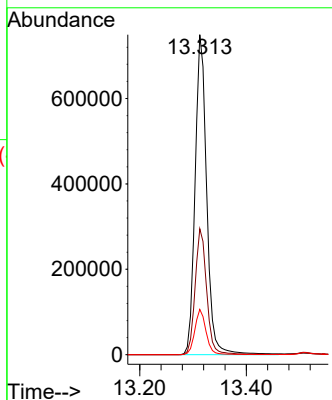
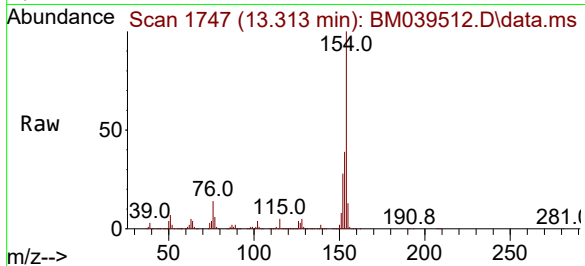




#43
1,1'-Biphenyl
Concen: 20.524 ng/ul
RT: 13.313 min Scan# 11
Delta R.T. -0.009 min
Lab File: BM039512.D
Acq: 20 Apr 2023 01:53

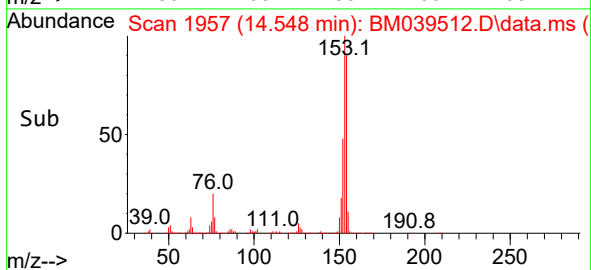
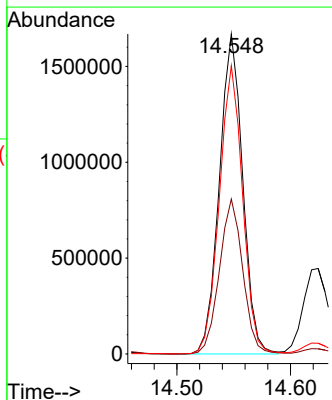
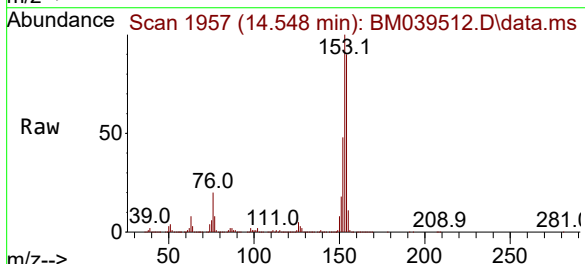
Instrument :
BNA_N
ClientSampleId :
DCBL8DL

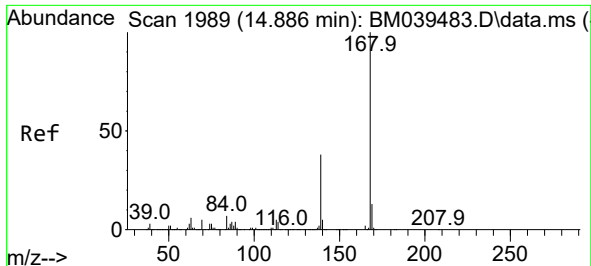
Tgt Ion:154 Resp: 1137638
Ion Ratio Lower Upper
154 100
153 39.3 31.9 47.9
76 14.2 11.5 17.3



#52
Acenaphthene
Concen: 49.856 ng/ul
RT: 14.548 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BM039512.D
Acq: 20 Apr 2023 01:53

Tgt Ion:153 Resp: 2386040
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.4
154 90.1 71.0 106.4

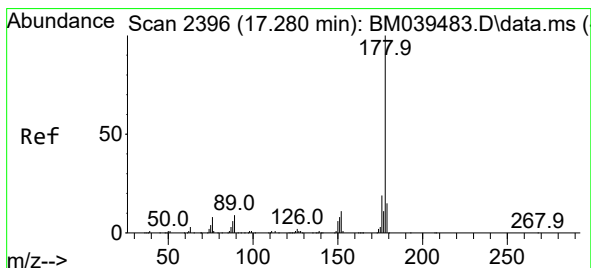
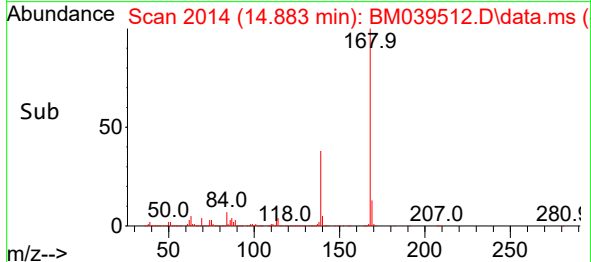
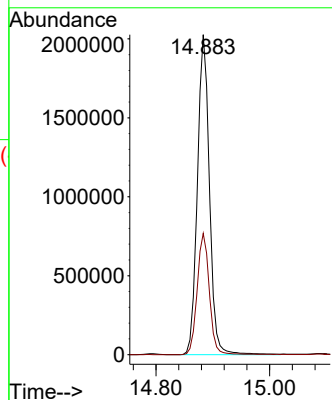
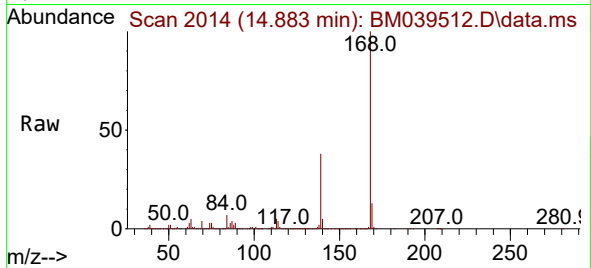




#56
Dibenzenofuran
Concen: 46.006 ng/ul
RT: 14.883 min Scan# 2014
Delta R.T. -0.003 min
Lab File: BM039512.D
Acq: 20 Apr 2023 01:53

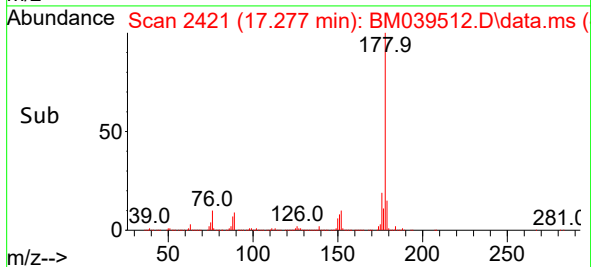
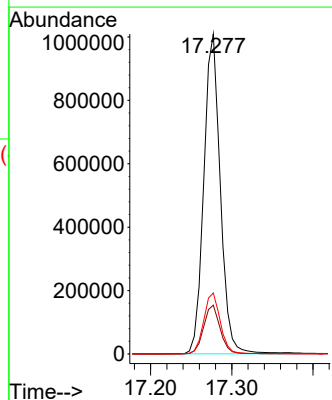
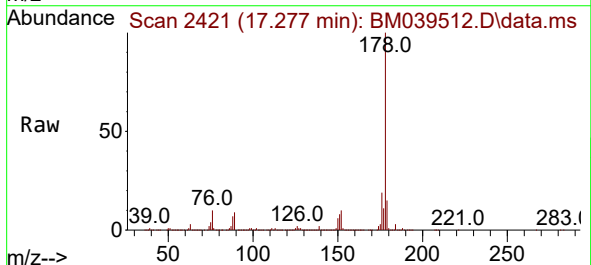
Instrument :
BNA_N
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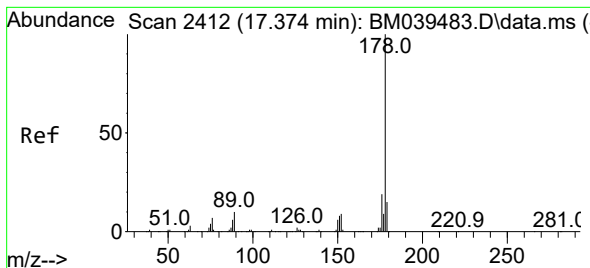
Tgt Ion:168 Resp: 2992688
Ion Ratio Lower Upper
168 100
139 37.9 30.7 46.1



#72
Phenanthrene
Concen: 16.831 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BM039512.D
Acq: 20 Apr 2023 01:53

Tgt Ion:178 Resp: 1423604
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.1 15.8 23.8





#74

Anthracene

Concen: 16.777 ng/ul

RT: 17.277 min Scan# 2412

Delta R.T. -0.097 min

Lab File: BM039512.D

Acq: 20 Apr 2023 01:53

Instrument :

BNA_N

ClientSampleId :

DCBL8DL

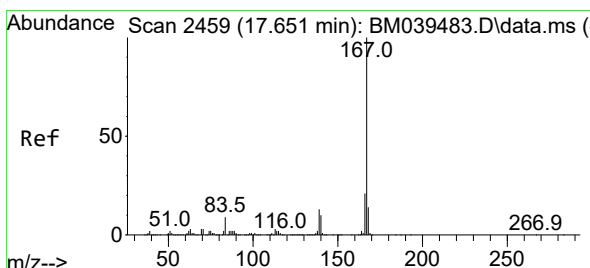
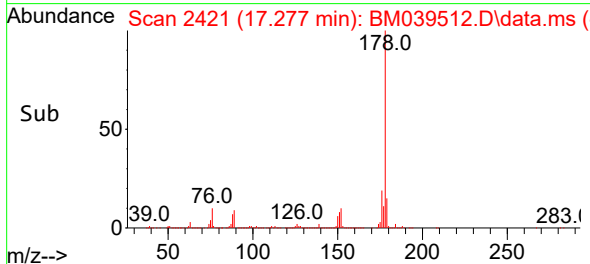
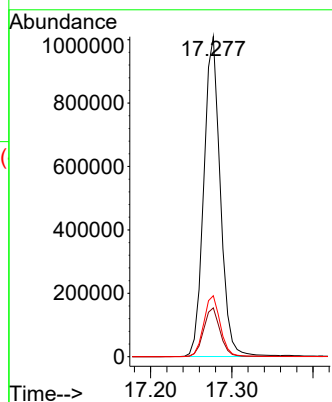
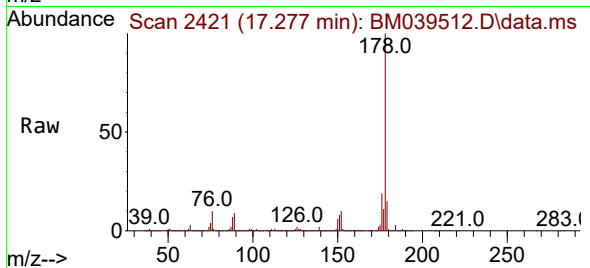
Tgt Ion:178 Resp: 1423604

Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 19.1 15.0 22.6



#77

Carbazole

Concen: 23.184 ng/ul

RT: 17.648 min Scan# 2484

Delta R.T. -0.003 min

Lab File: BM039512.D

Acq: 20 Apr 2023 01:53

Tgt Ion:167 Resp: 1748163

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 13.2 10.6 15.8

