

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039515.D
 Acq On : 20 Apr 2023 03:41
 Operator : CG/JU
 Sample : 02296-16DL2 30X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBM2DL2

Quant Time: Apr 20 05:32:22 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)

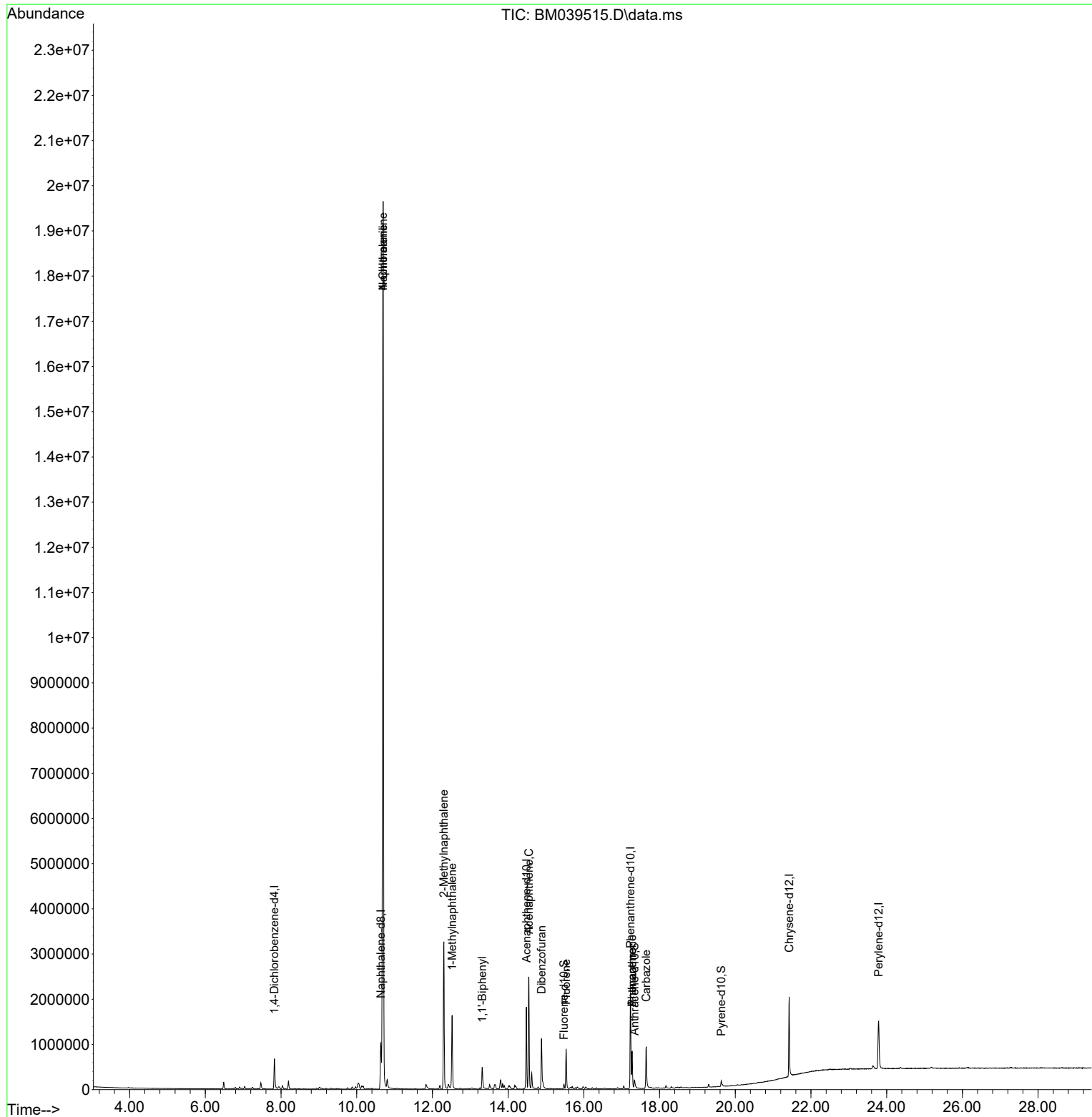
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	202852	20.000	ng/ul	0.00
20) Naphthalene-d8	10.636	136	950892	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	629468	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	1308385	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	915085	20.000	ng/ul	0.00
88) Perylene-d12	23.788	264	875303	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.219	96	950	0.180	ng/uL	0.00
4) Pyridine-d5	3.637	84	339	0.023	ng/ul	0.00
7) Phenol-d5	7.078	99	433	0.023	ng/ul	0.06
9) Bis-(2-Chloroethyl)eth...	7.172	67	5044	0.411	ng/ul	0.00
11) 2-Chlorophenol-d4	7.378	132	4983	0.342	ng/ul	0.01
15) 4-Methylphenol-d8	8.601	113	3273	0.219	ng/ul	0.04
21) Nitrobenzene-d5	9.101	128	160	0.021	ng/ul	0.10
24) 2-Nitrophenol-d4	9.730	143	4285	0.499	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.319	165	7894	0.534	ng/ul	0.05
31) 4-Chloroaniline-d4	10.819	131	10344	0.469	ng/ul	0.03
46) Dimethylphthalate-d6	13.901	166	50580	0.996	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	51525	0.903	ng/ul	0.00
54) 4-Nitrophenol-d4	14.718	143	62	0.008	ng/ul	0.00
60) Fluorene-d10	15.477	176	44577	1.072	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.654	200	795	0.091	ng/ul	0.04
73) Anthracene-d10	17.336	188	72343	1.150	ng/ul	0.00
81) Pyrene-d10	19.630	212	67543	1.111	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.635	264	46688	0.988	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.695	128	17427486	331.246	ng/ul	95
32) 4-Chloroaniline	10.695	127	2437776	112.070	ng/ul#	9
36) 2-Methylnaphthalene	12.301	142	1590215	45.087	ng/ul	98
37) 1-Methylnaphthalene	12.519	142	760639	21.461	ng/ul	98
43) 1,1'-Biphenyl	13.313	154	273203	5.616	ng/ul	98
52) Acenaphthene	14.548	153	1008240	24.004	ng/ul	100
56) Dibenzofuran	14.883	168	769139	13.472	ng/ul	99
61) Fluorene	15.530	166	408508	8.650	ng/ul	99
72) Phenanthrene	17.277	178	499984	6.883	ng/ul	99
74) Anthracene	17.277	178	499984	6.861	ng/ul	99
77) Carbazole	17.648	167	689700	10.651	ng/ul	99

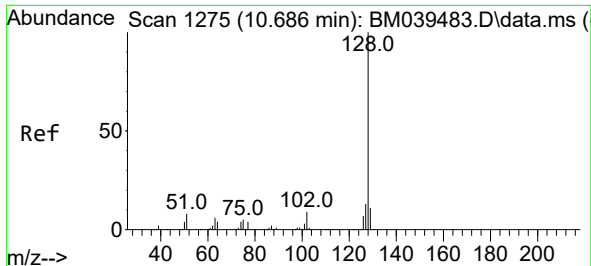
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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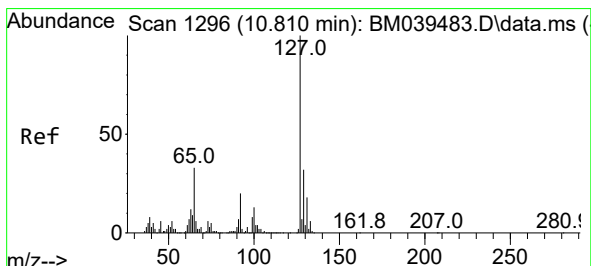
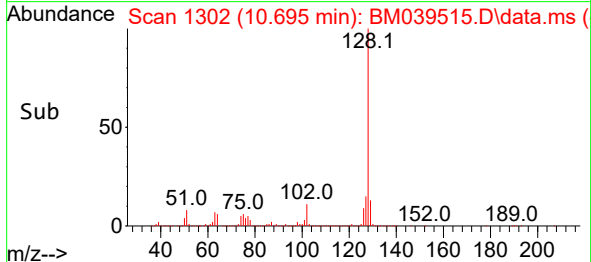
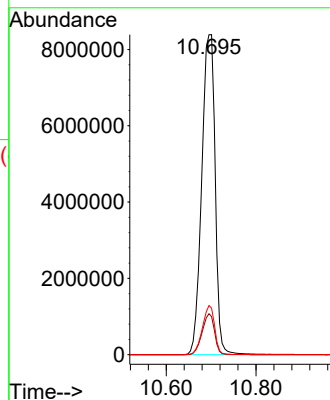
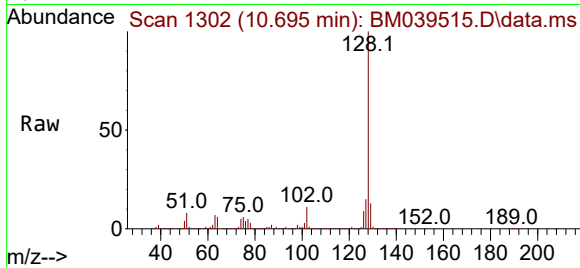




#30
Naphthalene
Concen: 331.246 ng/ul
RT: 10.695 min Scan# 11
Delta R.T. 0.009 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41

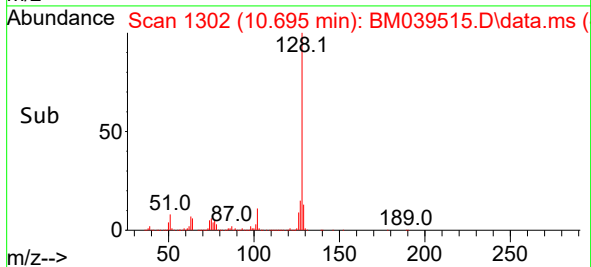
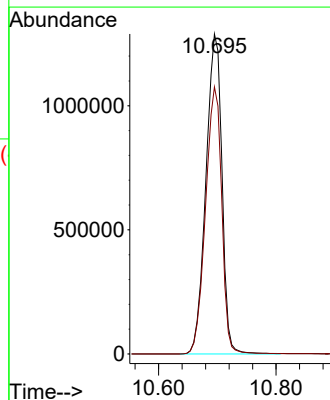
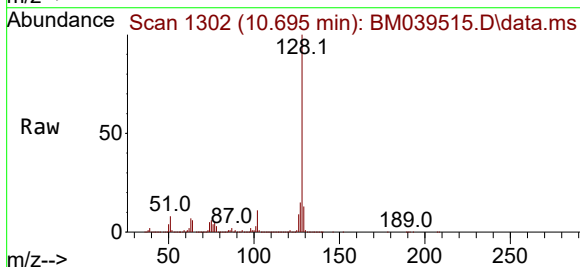
Instrument :
BNA_N
ClientSampleId :
DCBM2DL2

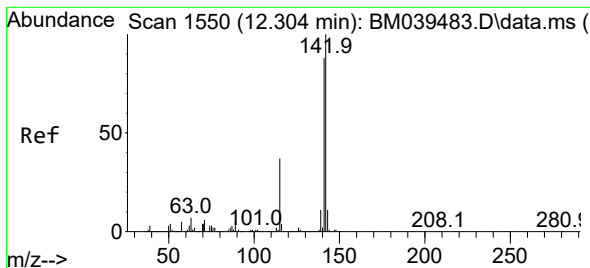
Tgt Ion:128 Resp:17427486
Ion Ratio Lower Upper
128 100
129 12.8 8.9 13.3
127 15.4 10.5 15.7



#32
4-Chloroaniline
Concen: 112.070 ng/ul
RT: 10.695 min Scan# 1302
Delta R.T. -0.115 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41

Tgt Ion:127 Resp: 2437776
Ion Ratio Lower Upper
127 100
129 83.4 25.8 38.8#

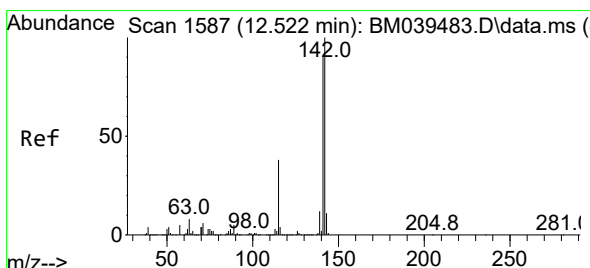
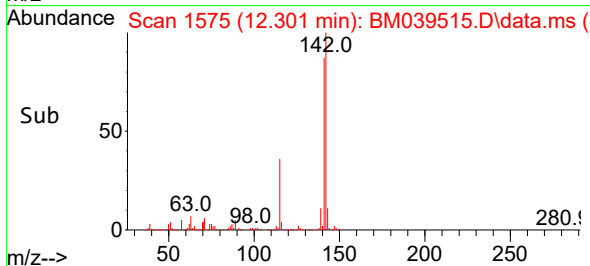
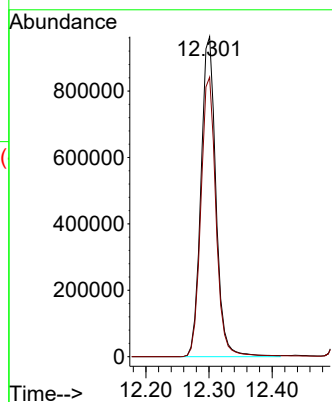
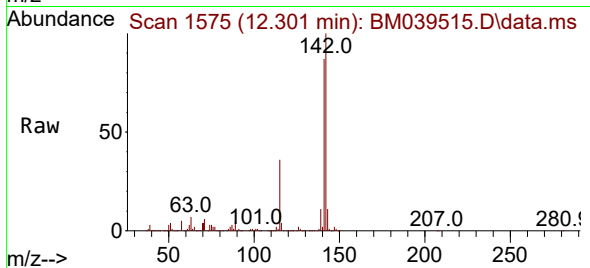




#36
2-Methylnaphthalene
Concen: 45.087 ng/ul
RT: 12.301 min Scan# 1
Delta R.T. -0.003 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41

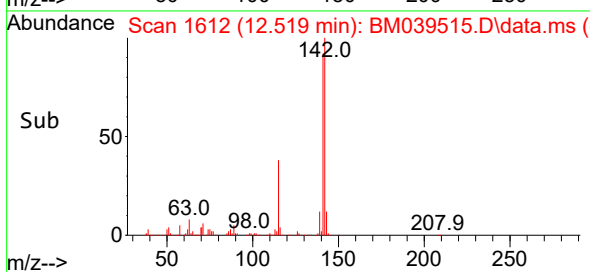
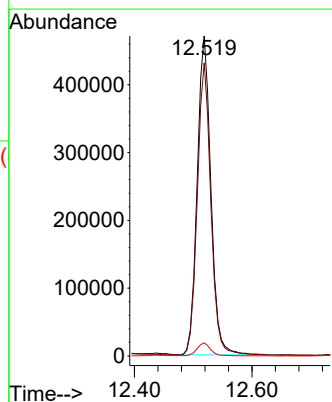
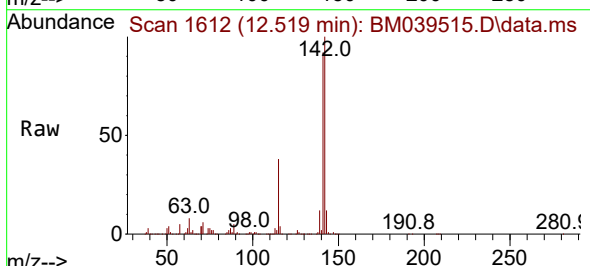
Instrument :
BNA_N
ClientSampleId :
DCBM2DL2

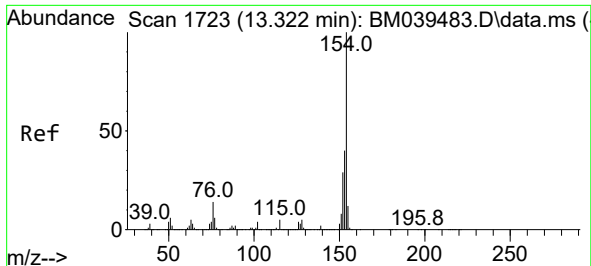
Tgt Ion:142 Resp: 1590215
Ion Ratio Lower Upper
142 100
141 87.3 71.1 106.7



#37
1-Methylnaphthalene
Concen: 21.461 ng/ul
RT: 12.519 min Scan# 1612
Delta R.T. -0.003 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41

Tgt Ion:142 Resp: 760639
Ion Ratio Lower Upper
142 100
141 91.6 72.0 108.0
116 4.1 3.2 4.8





#43

1,1'-Biphenyl

Concen: 5.616 ng/ul

RT: 13.313 min Scan# 1

Delta R.T. -0.009 min

Lab File: BM039515.D

Acq: 20 Apr 2023 03:41

Instrument :

BNA_N

ClientSampleId :

DCBM2DL2

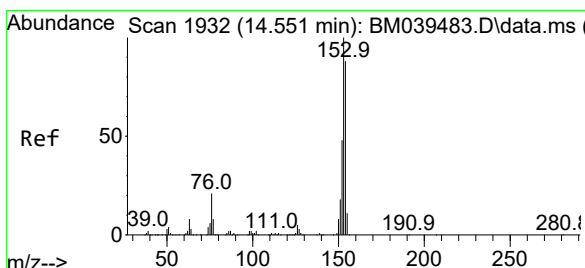
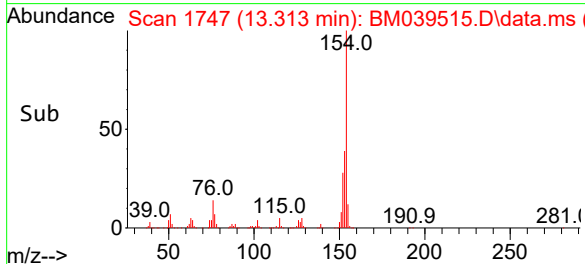
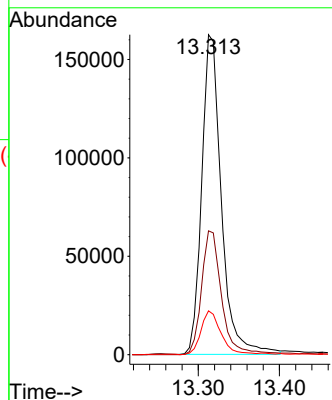
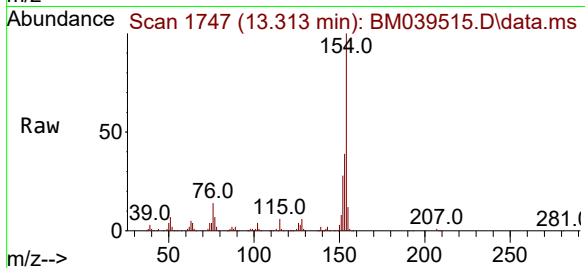
Tgt Ion:154 Resp: 273203

Ion Ratio Lower Upper

154 100

153 38.7 31.9 47.9

76 13.7 11.5 17.3



#52

Acenaphthene

Concen: 24.004 ng/ul

RT: 14.548 min Scan# 1957

Delta R.T. -0.003 min

Lab File: BM039515.D

Acq: 20 Apr 2023 03:41

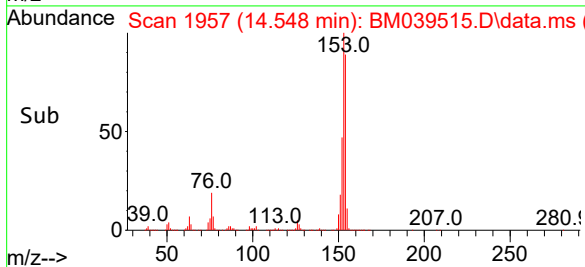
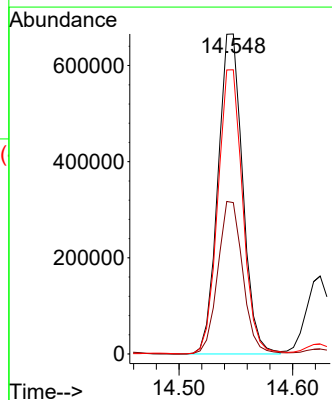
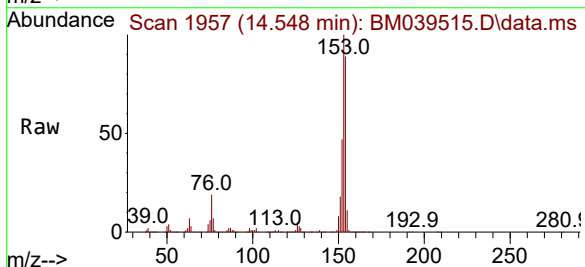
Tgt Ion:153 Resp: 1008240

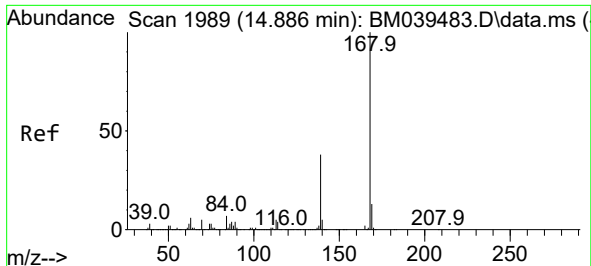
Ion Ratio Lower Upper

153 100

152 47.3 38.2 57.4

154 88.8 71.0 106.4

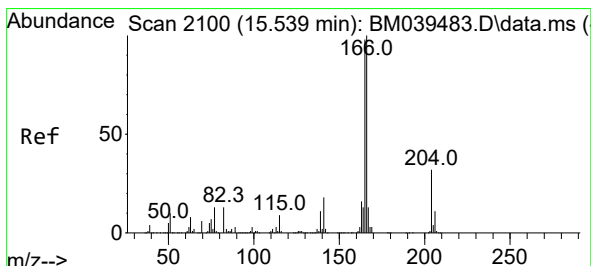
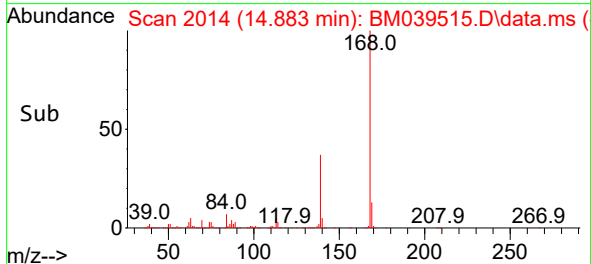
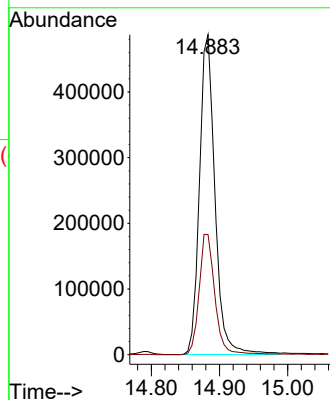
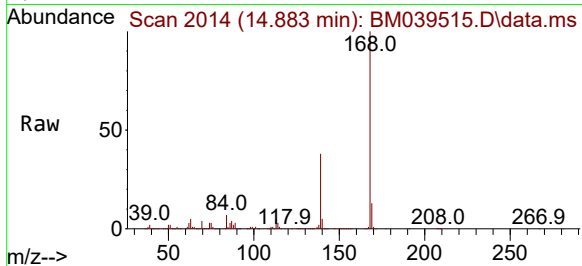




#56
 Dibenzofuran
 Concen: 13.472 ng/ul
 RT: 14.883 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: BM039515.D
 Acq: 20 Apr 2023 03:41

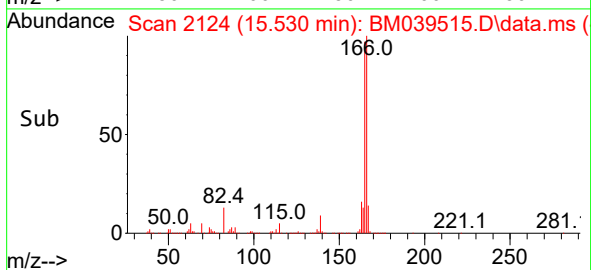
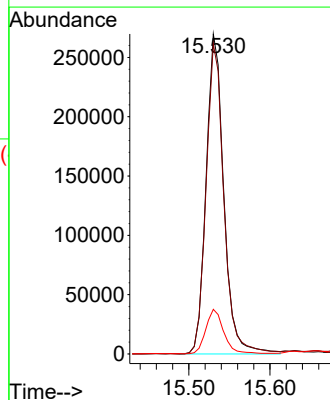
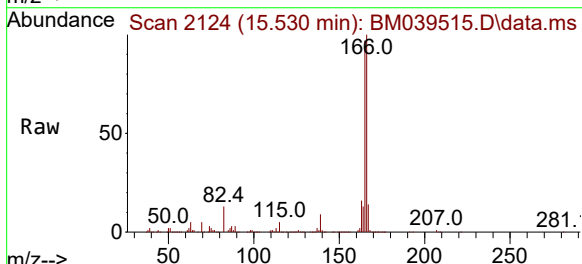
Instrument :
 BNA_N
 ClientSampleId :
 DCBM2DL2

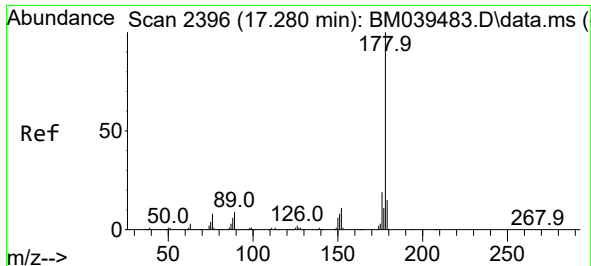
Tgt Ion:168 Resp: 769139
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.7 46.1



#61
 Fluorene
 Concen: 8.650 ng/ul
 RT: 15.530 min Scan# 2124
 Delta R.T. -0.009 min
 Lab File: BM039515.D
 Acq: 20 Apr 2023 03:41

Tgt Ion:166 Resp: 408508
 Ion Ratio Lower Upper
 166 100
 165 96.9 78.2 117.2
 167 14.0 10.7 16.1

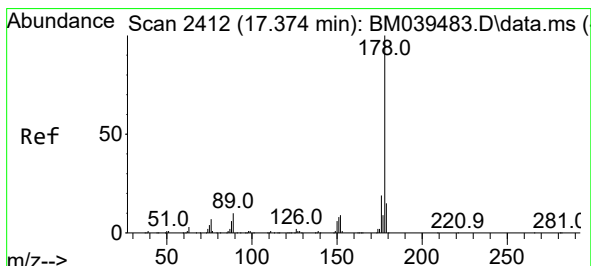
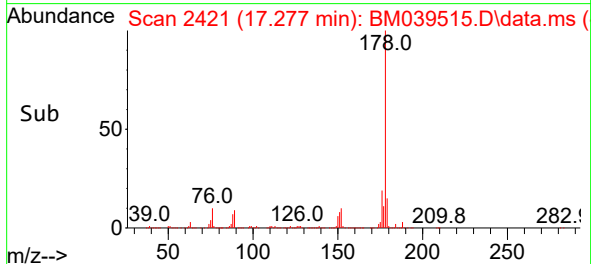
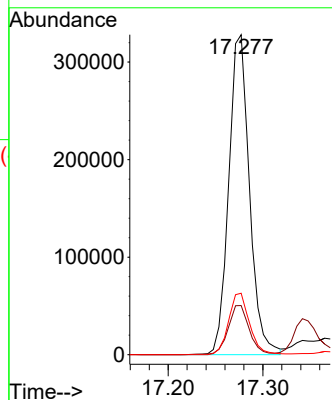
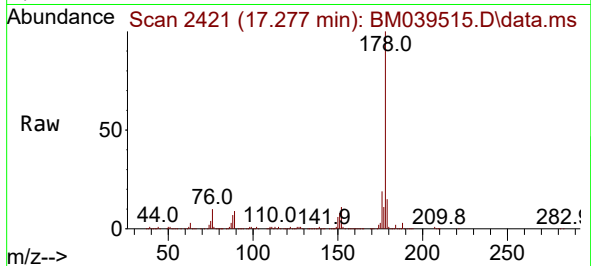




#72
Phenanthrene
Concen: 6.883 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41

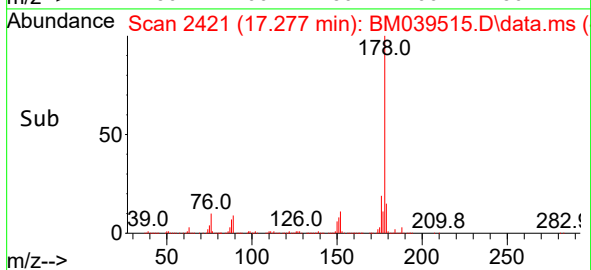
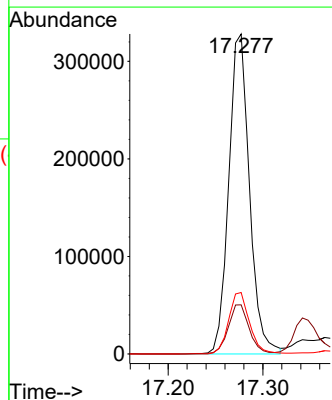
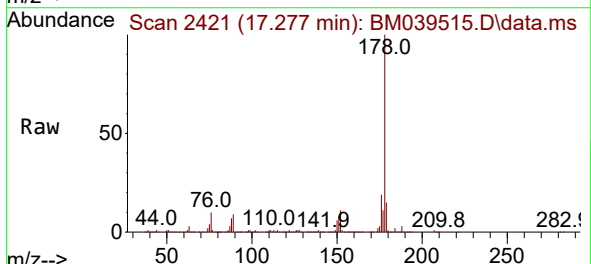
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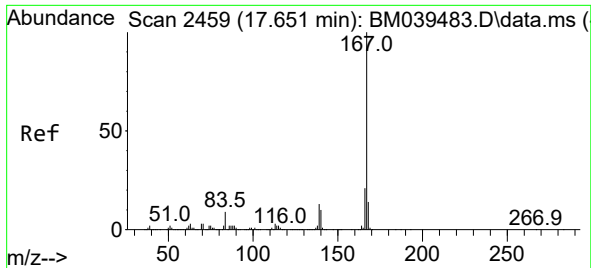
Tgt Ion:178 Resp: 499984
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.2 15.8 23.8



#74
Anthracene
Concen: 6.861 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.097 min
Lab File: BM039515.D
Acq: 20 Apr 2023 03:41

Tgt Ion:178 Resp: 499984
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.2 15.0 22.6





#77

Carbazole

Concen: 10.651 ng/ul

RT: 17.648 min Scan# 24

Delta R.T. -0.003 min

Lab File: BM039515.D

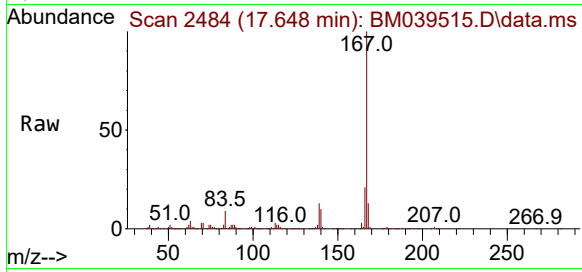
Acq: 20 Apr 2023 03:41

Instrument :

BNA_N

ClientSampleId :

DCBM2DL2



Tgt Ion:167 Resp: 689700

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.4

139 12.8 10.6 15.8

