

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
 Data File : BM039532.D
 Acq On : 20 Apr 2023 19:37
 Operator : CG/JU
 Sample : 02296-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBN6

Quant Time: Apr 21 00:39:03 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

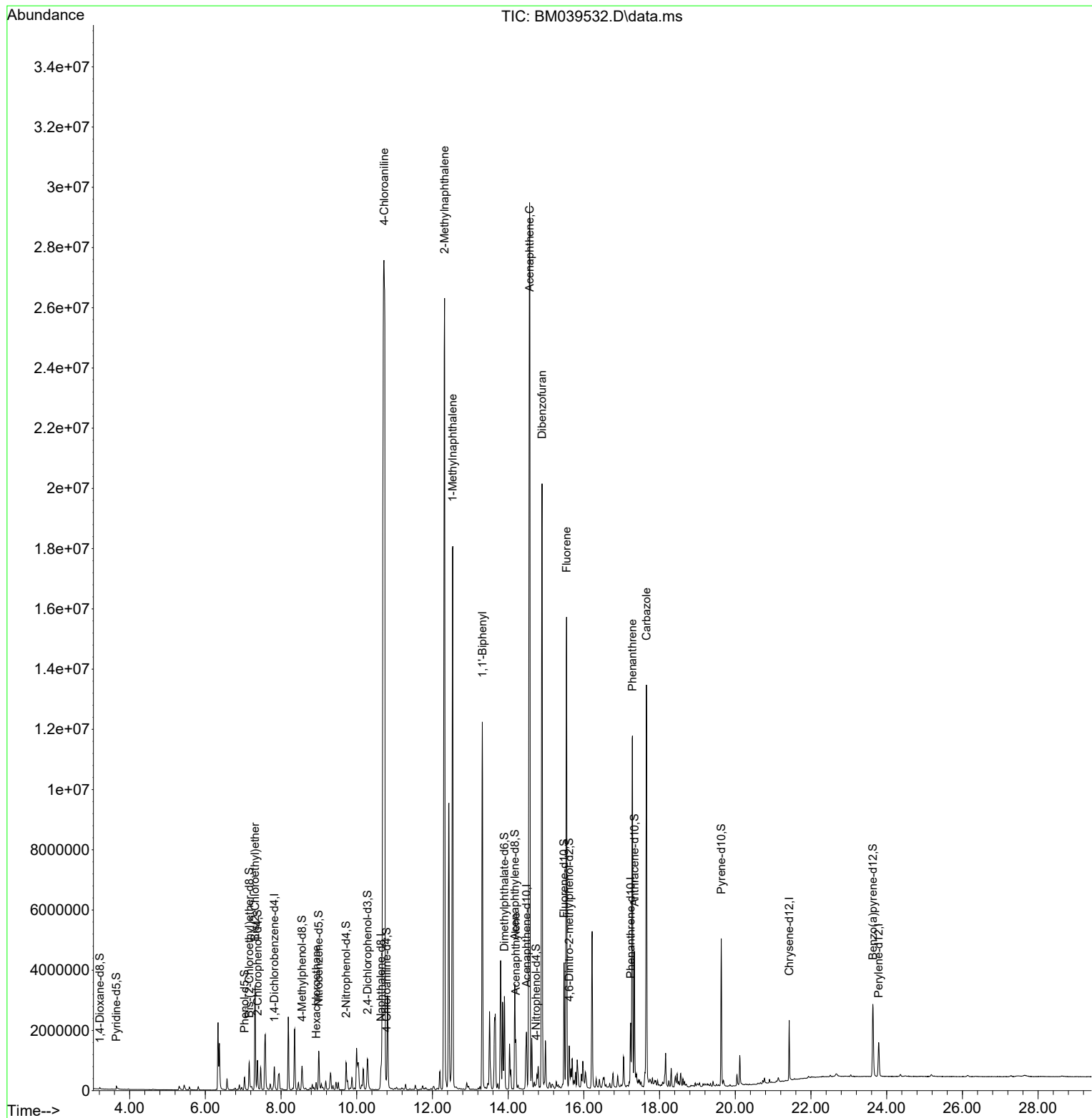
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	206497	20.000	ng/ul	0.00
20) Naphthalene-d8	10.642	136	951344	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	665382	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	1286390	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	875788	20.000	ng/ul	0.00
88) Perylene-d12	23.788	264	850996	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	19688	3.660	ng/uL	0.00
4) Pyridine-d5	3.649	84	65944	4.363	ng/ul	0.00
7) Phenol-d5	7.037	99	148617	7.863	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.160	67	447834	35.850	ng/ul	0.00
11) 2-Chlorophenol-d4	7.378	132	430707	29.052	ng/ul	0.01
15) 4-Methylphenol-d8	8.554	113	289724	19.031	ng/ul	0.00
21) Nitrobenzene-d5	8.995	128	284358	37.153	ng/ul	0.00
24) 2-Nitrophenol-d4	9.719	143	306733	35.690	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.283	165	511598	34.596	ng/ul	0.01
31) 4-Chloroaniline-d4	10.789	131	152462	6.903	ng/ul	0.00
46) Dimethylphthalate-d6	13.901	166	2003971	37.344	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	2262315	37.527	ng/ul	0.00
54) 4-Nitrophenol-d4	14.736	143	44734	5.508	ng/ul	0.00
60) Fluorene-d10	15.477	176	1665339	37.879	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.612	200	260755	30.503	ng/ul	0.00
73) Anthracene-d10	17.336	188	2445014	39.522	ng/ul	0.00
81) Pyrene-d10	19.630	212	2458907	42.252	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.635	264	1767084	38.461	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.313	93	59533	3.629	ng/ul#	55
19) Hexachloroethane	8.931	117	26211	3.868	ng/ul#	9
32) 4-Chloroaniline	10.725	127	6521185	299.651	ng/ul#	11
36) 2-Methylnaphthalene	12.319	142	15712176	445.275	ng/ul	99
37) 1-Methylnaphthalene	12.536	142	9058062	255.445	ng/ul	98
43) 1,1'-Biphenyl	13.318	154	6441648	125.271	ng/ul	99
50) Acenaphthylene	14.201	152	126052	1.955	ng/ul#	63
52) Acenaphthene	14.565	153	15763250	355.040	ng/ul	98
56) Dibenzofuran	14.895	168	13976463	231.602	ng/ul	95
61) Fluorene	15.542	166	7350400	147.244	ng/ul	100
72) Phenanthrene	17.283	178	7125834	99.778	ng/ul	100
77) Carbazole	17.654	167	9040746	142.005	ng/ul	99

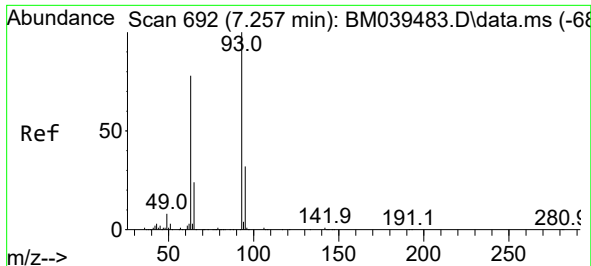
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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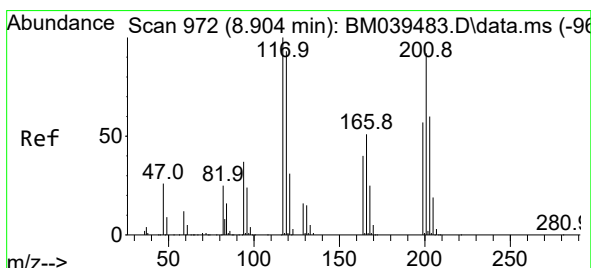
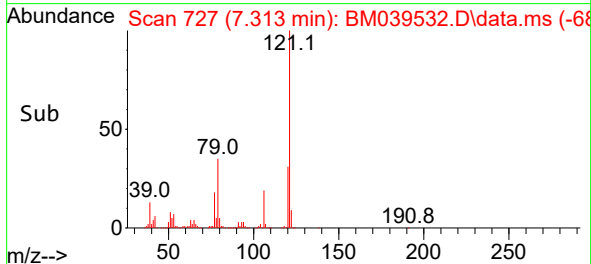
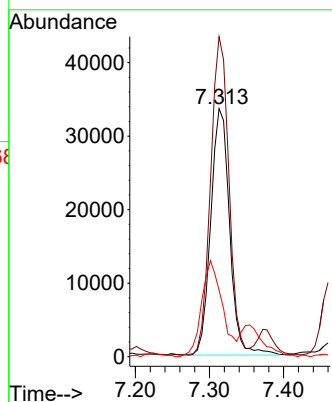
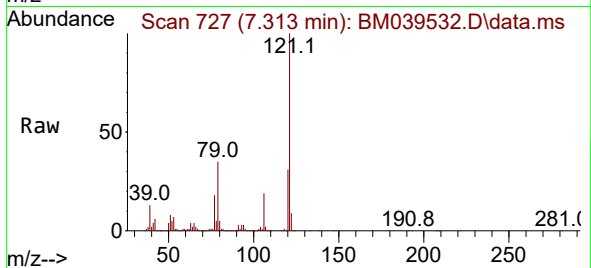




#10
Bis(2-Chloroethyl)ether
Concen: 3.629 ng/ul
RT: 7.313 min Scan# 71
Delta R.T. 0.056 min
Lab File: BM039532.D
Acq: 20 Apr 2023 19:37

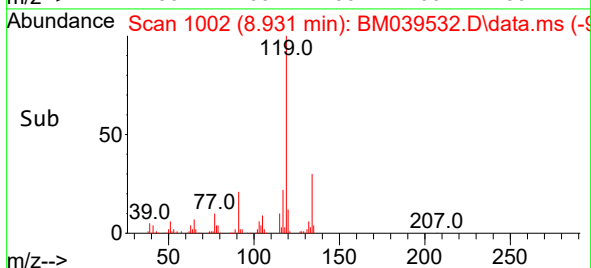
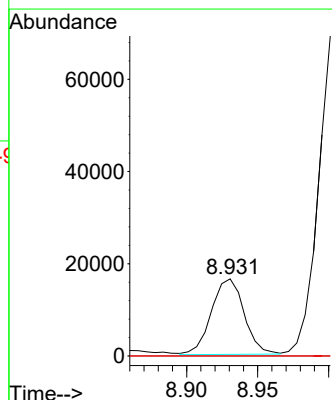
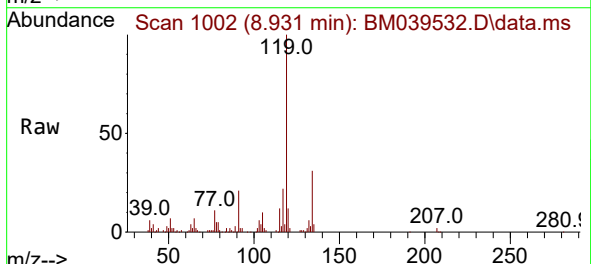
Instrument :
BNA_M
ClientSampleId :
DCBN6

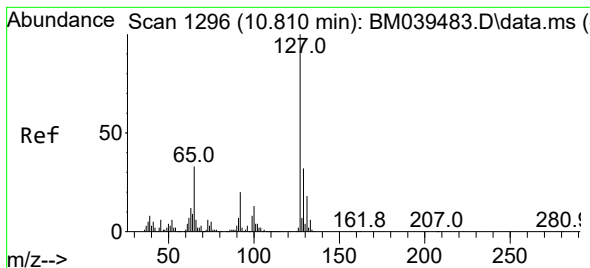
Tgt Ion: 93 Resp: 59533
Ion Ratio Lower Upper
93 100
63 129.0 61.9 92.9#
95 26.8 25.8 38.8



#19
Hexachloroethane
Concen: 3.868 ng/ul
RT: 8.931 min Scan# 1002
Delta R.T. 0.026 min
Lab File: BM039532.D
Acq: 20 Apr 2023 19:37

Tgt Ion: 117 Resp: 26211
Ion Ratio Lower Upper
117 100
201 0.0 78.3 117.5#
199 0.0 47.4 71.0#

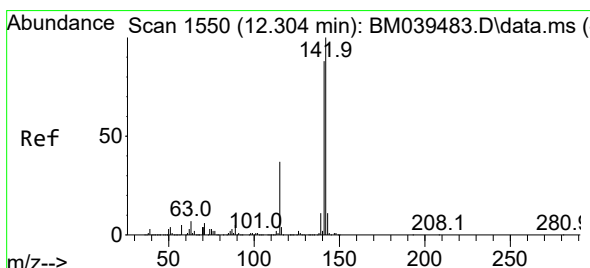
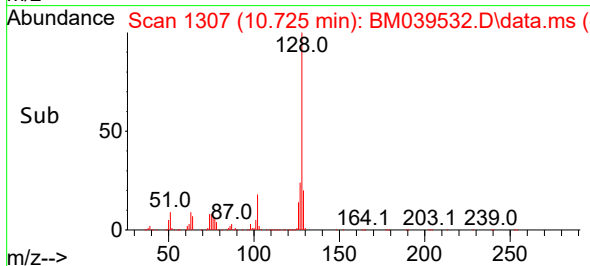
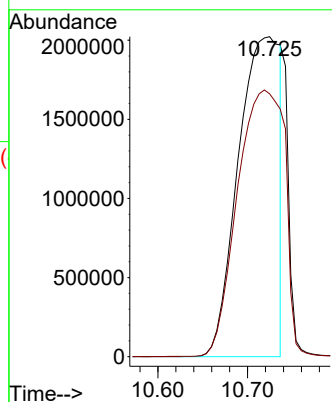
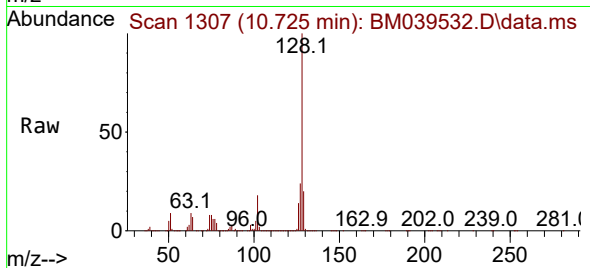




#32
4-Chloroaniline
Concen: 299.651 ng/ul
RT: 10.725 min Scan# 11
Delta R.T. -0.085 min
Lab File: BM039532.D
Acq: 20 Apr 2023 19:37

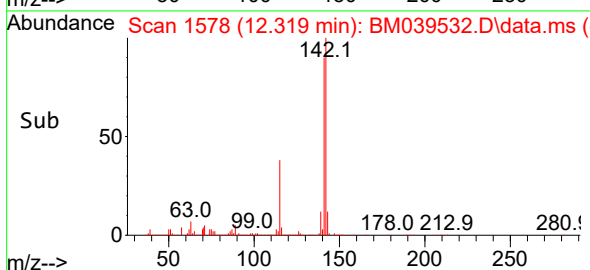
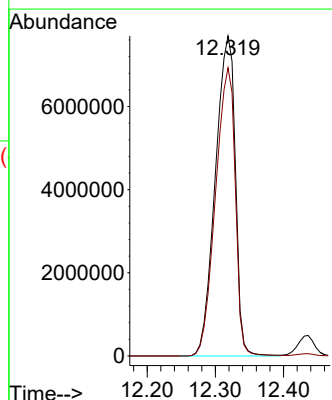
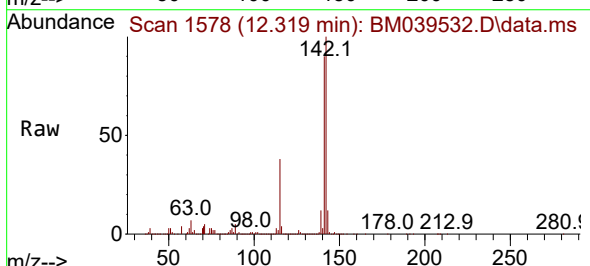
Instrument :
BNA_M
ClientSampleId :
DCBN6

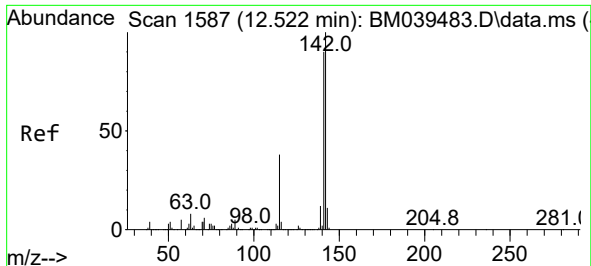
Tgt Ion:127 Resp: 6521185
Ion Ratio Lower Upper
127 100
129 82.2 25.8 38.8#



#36
2-Methylnaphthalene
Concen: 445.275 ng/ul
RT: 12.319 min Scan# 1578
Delta R.T. 0.015 min
Lab File: BM039532.D
Acq: 20 Apr 2023 19:37

Tgt Ion:142 Resp:15712176
Ion Ratio Lower Upper
142 100
141 90.1 71.1 106.7





#37

1-Methylnaphthalene

Concen: 255.445 ng/ul

RT: 12.536 min Scan# 1

Delta R.T. 0.015 min

Lab File: BM039532.D

Acq: 20 Apr 2023 19:37

Instrument :

BNA_M

ClientSampleId :

DCBN6

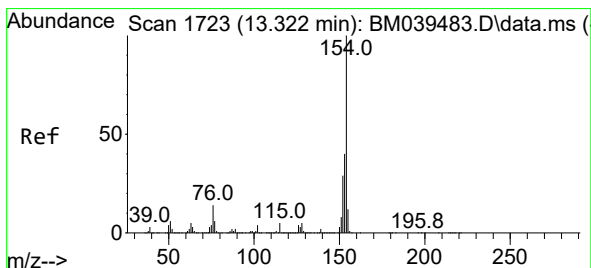
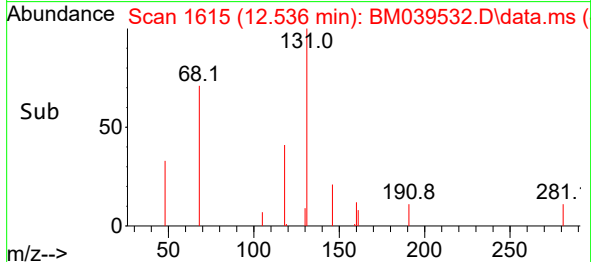
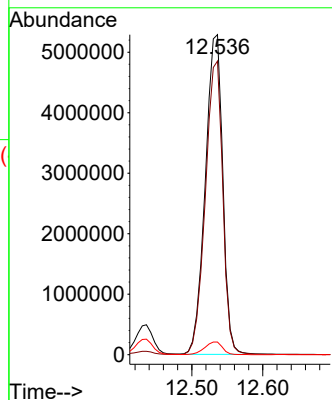
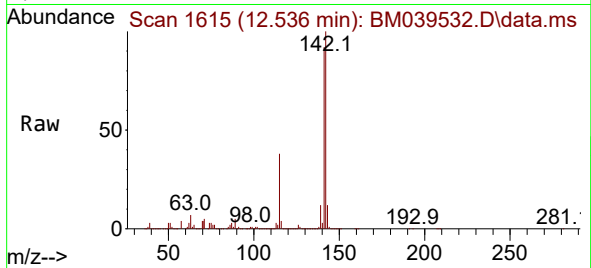
Tgt Ion:142 Resp: 9058062

Ion Ratio Lower Upper

142 100

141 91.8 72.0 108.0

116 3.9 3.2 4.8



#43

1,1'-Biphenyl

Concen: 125.271 ng/ul

RT: 13.318 min Scan# 1748

Delta R.T. -0.003 min

Lab File: BM039532.D

Acq: 20 Apr 2023 19:37

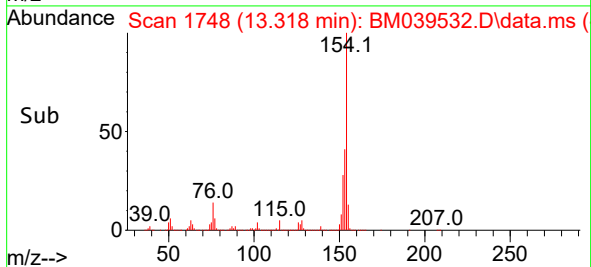
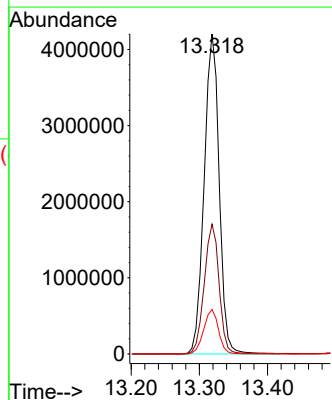
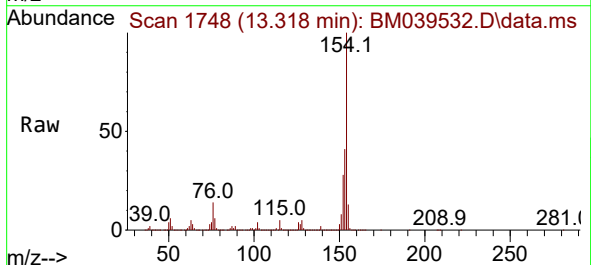
Tgt Ion:154 Resp: 6441648

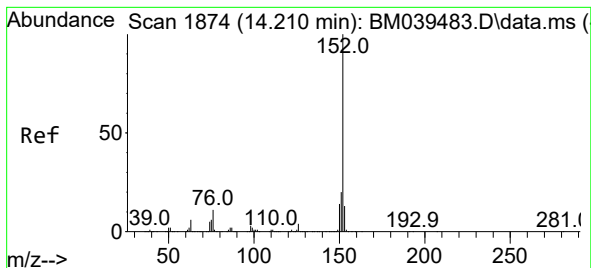
Ion Ratio Lower Upper

154 100

153 40.6 31.9 47.9

76 13.9 11.5 17.3





#50

Acenaphthylene

Concen: 1.955 ng/ul

RT: 14.201 min Scan# 1

Delta R.T. -0.009 min

Lab File: BM039532.D

Acq: 20 Apr 2023 19:37

Instrument :

BNA_M

ClientSampleId :

DCBN6

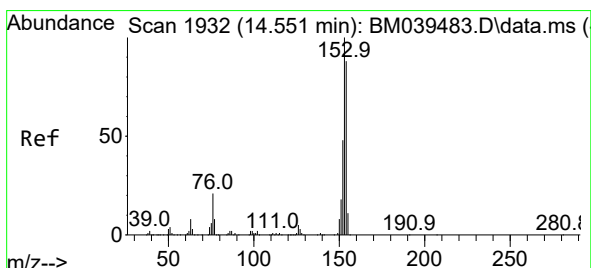
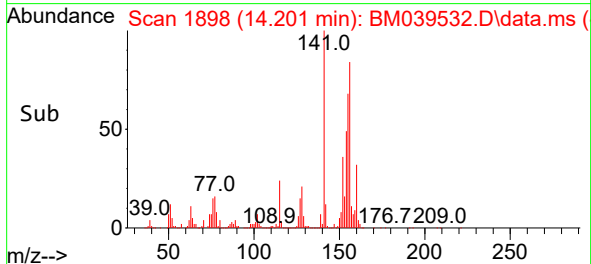
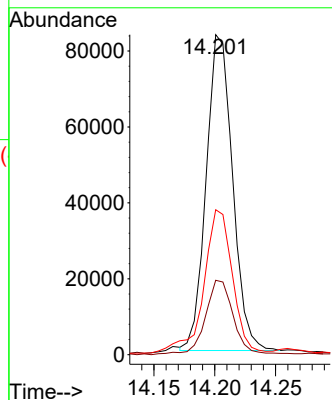
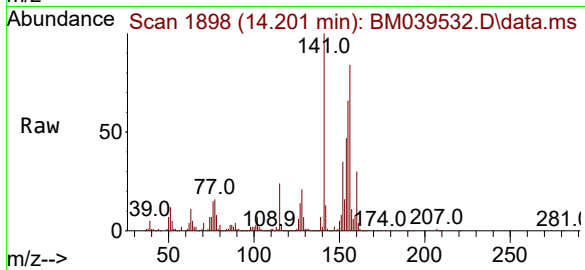
Tgt Ion:152 Resp: 126052

Ion Ratio Lower Upper

152 100

151 23.3 15.8 23.8

153 45.3 10.4 15.6#



#52

Acenaphthene

Concen: 355.040 ng/ul

RT: 14.565 min Scan# 1960

Delta R.T. 0.015 min

Lab File: BM039532.D

Acq: 20 Apr 2023 19:37

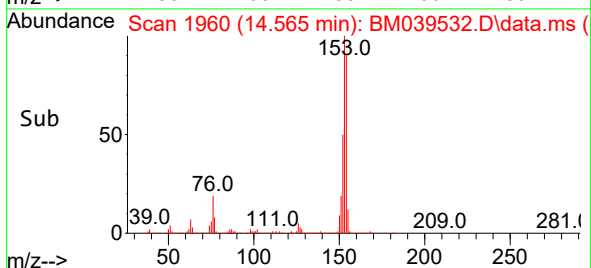
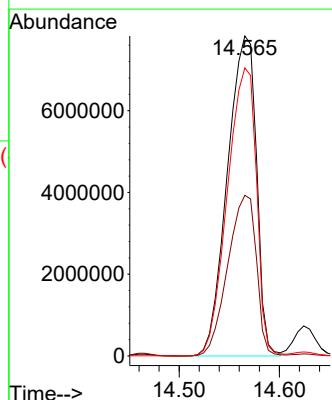
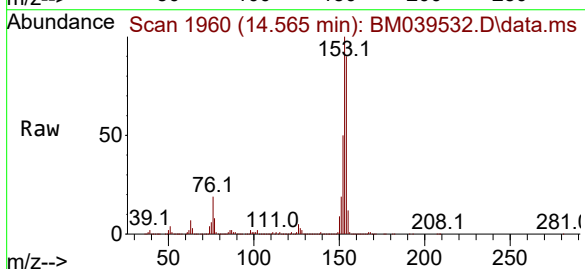
Tgt Ion:153 Resp:15763250

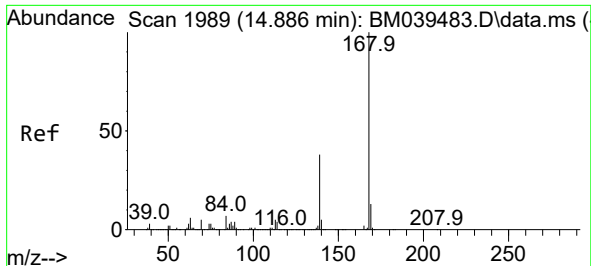
Ion Ratio Lower Upper

153 100

152 50.2 38.2 57.4

154 90.0 71.0 106.4

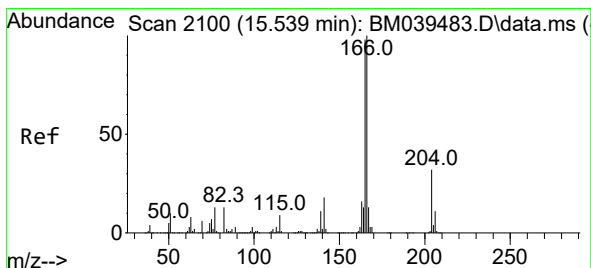
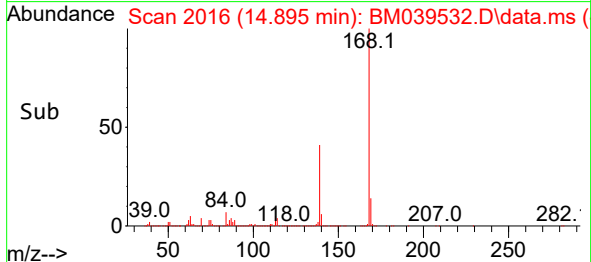
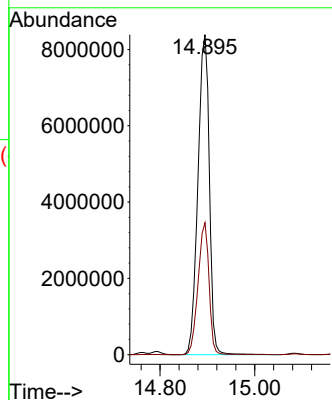
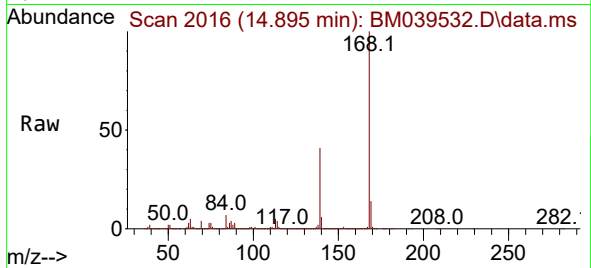




#56
Dibenzenofuran
Concen: 231.602 ng/ul
RT: 14.895 min Scan# 2016
Delta R.T. 0.009 min
Lab File: BM039532.D
Acq: 20 Apr 2023 19:37

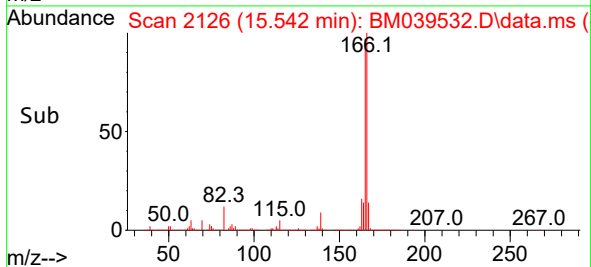
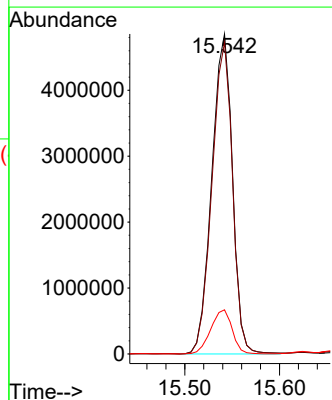
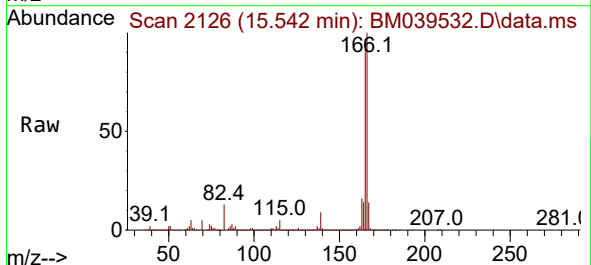
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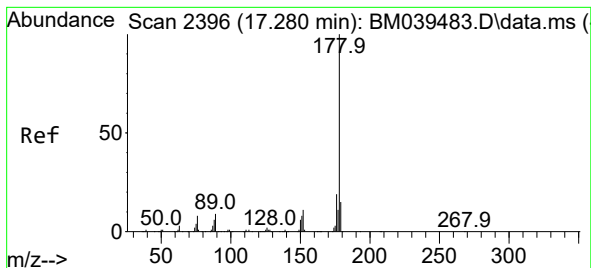
Tgt Ion:168 Resp:13976463
Ion Ratio Lower Upper
168 100
139 41.2 30.7 46.1



#61
Fluorene
Concen: 147.244 ng/ul
RT: 15.542 min Scan# 2126
Delta R.T. 0.003 min
Lab File: BM039532.D
Acq: 20 Apr 2023 19:37

Tgt Ion:166 Resp: 7350400
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.8 10.7 16.1





#72

Phenanthrene

Concen: 99.778 ng/ul

RT: 17.283 min Scan# 2422

Delta R.T. 0.003 min

Lab File: BM039532.D

Acq: 20 Apr 2023 19:37

Instrument :

BNA_M

ClientSampleId :

DCBN6

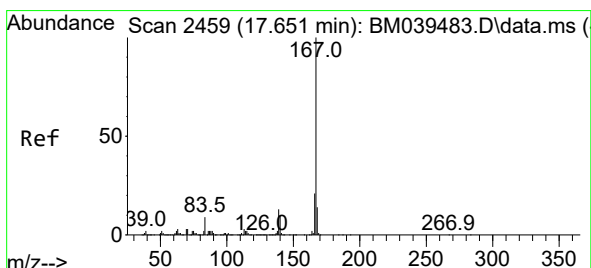
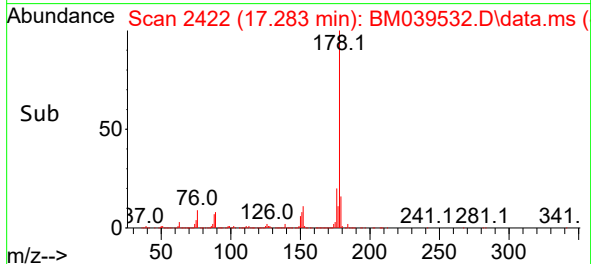
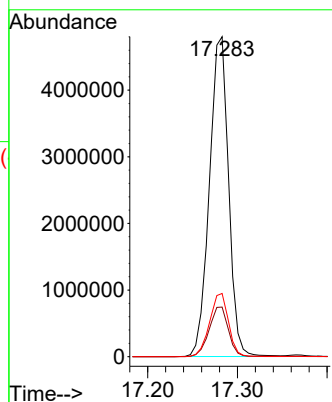
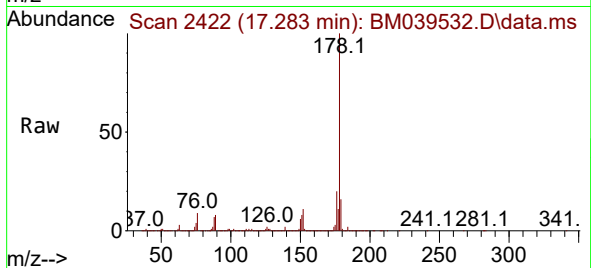
Tgt Ion:178 Resp: 7125834

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.8 15.8 23.8



#77

Carbazole

Concen: 142.005 ng/ul

RT: 17.654 min Scan# 2485

Delta R.T. 0.003 min

Lab File: BM039532.D

Acq: 20 Apr 2023 19:37

Tgt Ion:167 Resp: 9040746

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.4

139 13.6 10.6 15.8

