

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039514.D
 Acq On : 20 Apr 2023 03:05
 Operator : CG/JU
 Sample : 02296-16DL 10X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBM2DL

Quant Time: Apr 20 05:32:07 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)

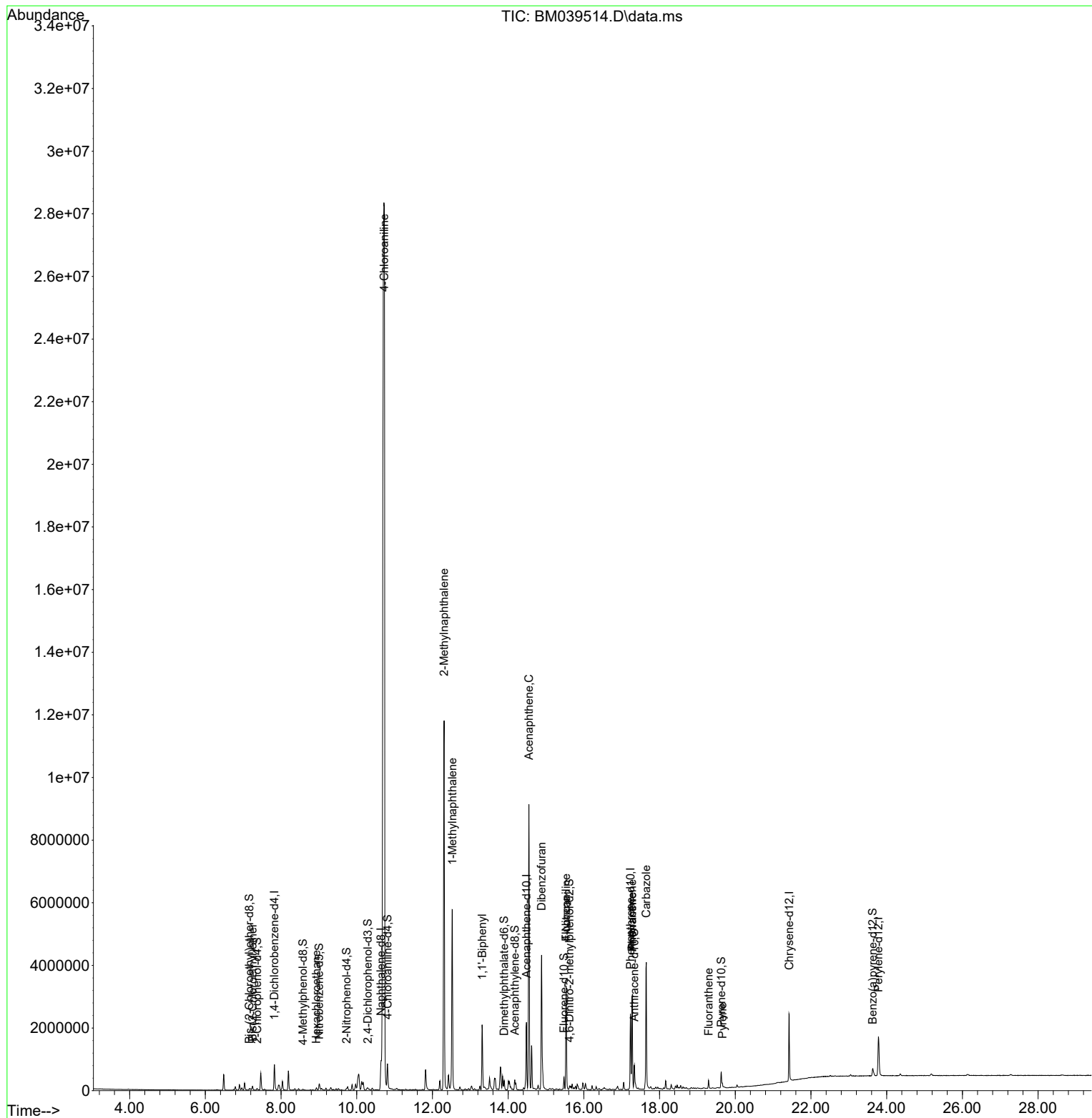
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	230159	20.000	ng/ul	0.00
20) Naphthalene-d8	10.642	136	1111033	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	725511	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	1486736	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	1054156	20.000	ng/ul	0.00
88) Perylene-d12	23.783	264	992901	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	2579	0.430	ng/uL	0.00
4) Pyridine-d5	3.637	84	402	0.024	ng/ul	0.00
7) Phenol-d5	7.037	99	6547	0.311	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.166	67	26805	1.925	ng/ul	0.00
11) 2-Chlorophenol-d4	7.366	132	31821	1.926	ng/ul	0.00
15) 4-Methylphenol-d8	8.578	113	19722	1.162	ng/ul	0.01
21) Nitrobenzene-d5	9.007	128	22225	2.486	ng/ul	0.00
24) 2-Nitrophenol-d4	9.731	143	19918	1.984	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.289	165	40821	2.364	ng/ul	0.02
31) 4-Chloroaniline-d4	10.813	131	50986	1.977	ng/ul	0.03
46) Dimethylphthalate-d6	13.895	166	187672	3.207	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	198496	3.020	ng/ul	0.00
54) 4-Nitrophenol-d4	14.713	143	95	0.011	ng/ul	-0.01
60) Fluorene-d10	15.477	176	160751	3.353	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.619	200	10191	1.031	ng/ul	0.00
73) Anthracene-d10	17.330	188	246238	3.444	ng/ul	0.00
81) Pyrene-d10	19.630	212	255289	3.644	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.630	264	172128	3.211	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.248	93	41269	2.257	ng/ul#	24
19) Hexachloroethane	8.931	117	10333	1.368	ng/ul#	9
32) 4-Chloroaniline	10.725	127	6477810	254.875	ng/ul#	14
36) 2-Methylnaphthalene	12.307	142	5726336	138.957	ng/ul	99
37) 1-Methylnaphthalene	12.525	142	2751656	66.446	ng/ul	100
43) 1,1'-Biphenyl	13.313	154	1035204	18.463	ng/ul	99
52) Acenaphthene	14.548	153	3535344	73.028	ng/ul	100
56) Dibenzofuran	14.883	168	2764856	42.019	ng/ul	98
61) Fluorene	15.530	166	1483549	27.256	ng/ul	99
63) 4-Nitroaniline	15.530	138	17149	2.036	ng/ul#	18
72) Phenanthrene	17.277	178	1801404	21.825	ng/ul	100
74) Anthracene	17.277	178	1801404	21.755	ng/ul	99
77) Carbazole	17.648	167	2689210	36.548	ng/ul	100
80) Fluoranthene	19.295	202	154408	1.881	ng/ul	98
82) Pyrene	19.659	202	88479	1.041	ng/ul	97

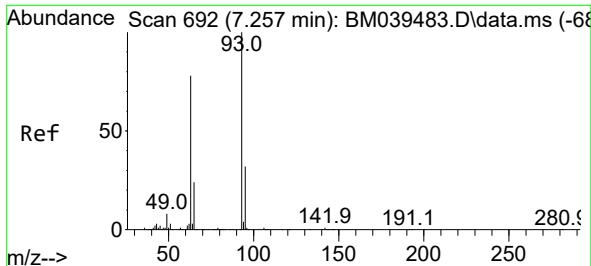
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039514.D
Acq On : 20 Apr 2023 03:05
Operator : CG/JU
Sample : 02296-16DL 10X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCBM2DL

Quant Time: Apr 20 05:32:07 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

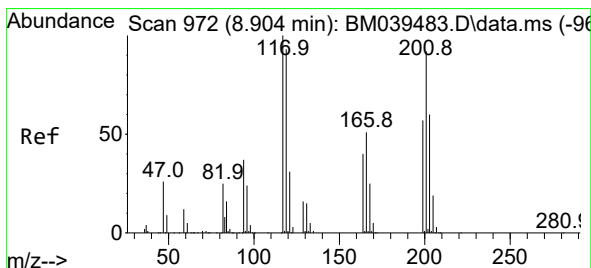
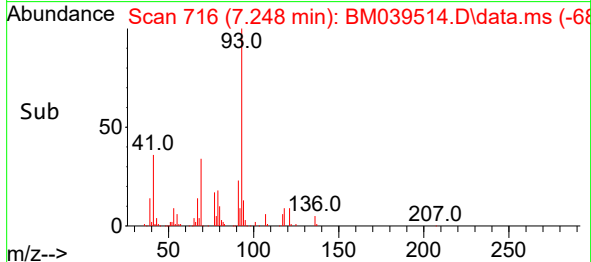
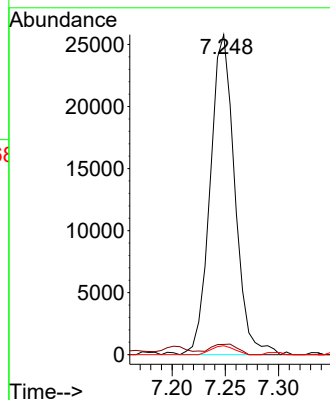
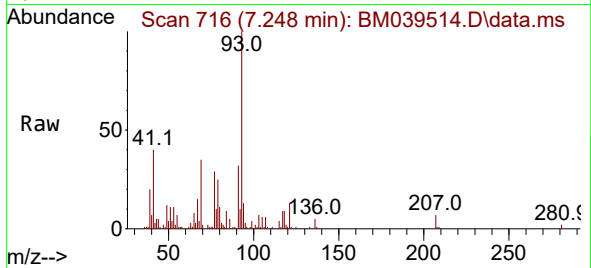




#10
Bis(2-Chloroethyl)ether
Concen: 2.257 ng/ul
RT: 7.248 min Scan# 716
Delta R.T. -0.009 min
Lab File: BM039514.D
Acq: 20 Apr 2023 03:05

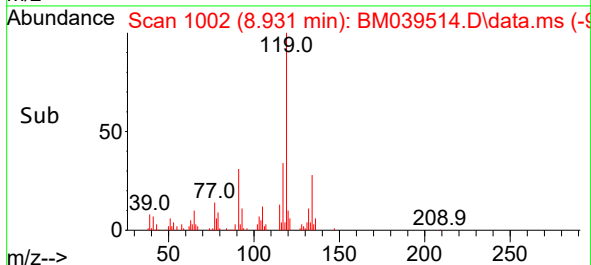
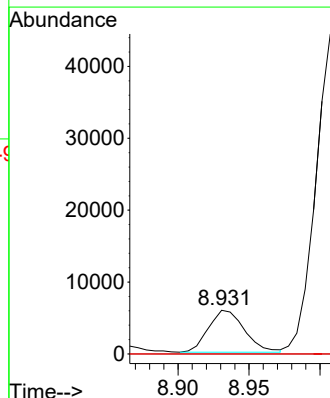
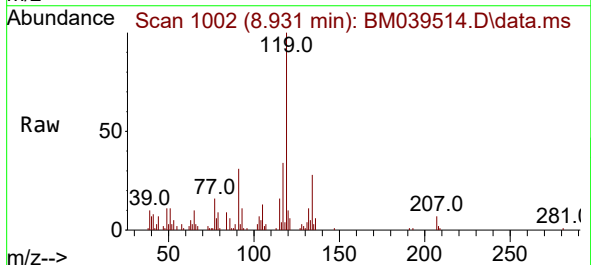
Instrument :
BNA_N
ClientSampleId :
DCBM2DL

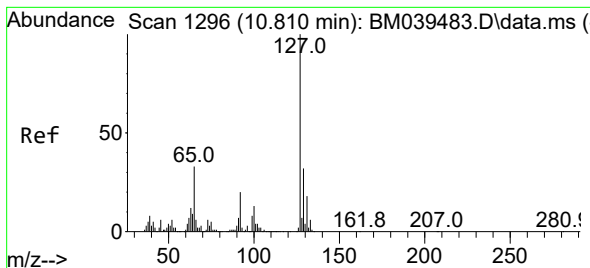
Tgt Ion: 93 Resp: 41269
Ion Ratio Lower Upper
93 100
63 3.2 61.9 92.9#
95 2.8 25.8 38.8#



#19
Hexachloroethane
Concen: 1.368 ng/ul
RT: 8.931 min Scan# 1002
Delta R.T. 0.027 min
Lab File: BM039514.D
Acq: 20 Apr 2023 03:05

Tgt Ion: 117 Resp: 10333
Ion Ratio Lower Upper
117 100
201 0.0 78.3 117.5#
199 0.0 47.4 71.0#

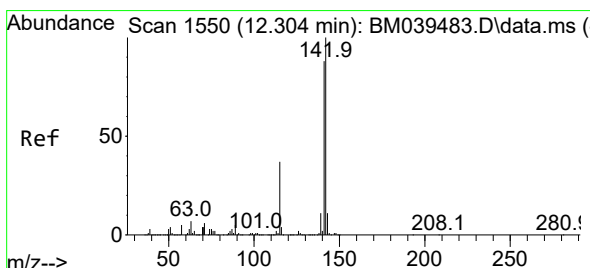
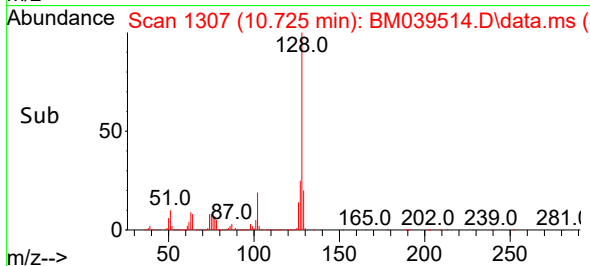
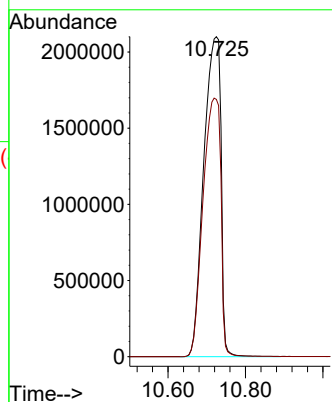
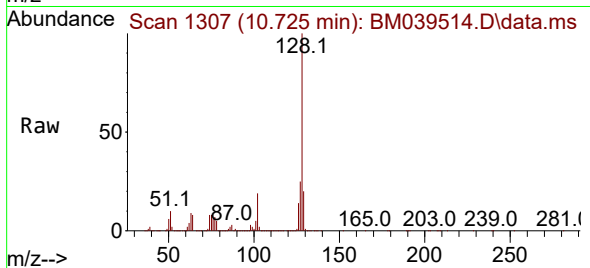




#32
4-Chloroaniline
Concen: 254.875 ng/ul
RT: 10.725 min Scan# 11
Delta R.T. -0.085 min
Lab File: BM039514.D
Acq: 20 Apr 2023 03:05

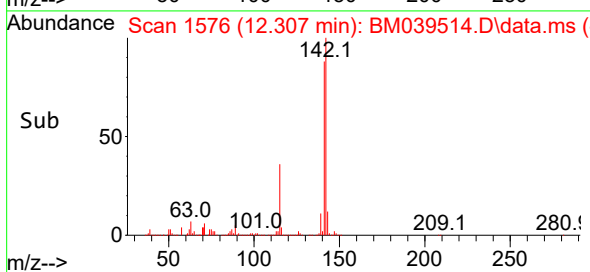
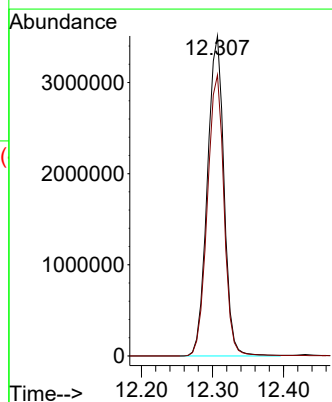
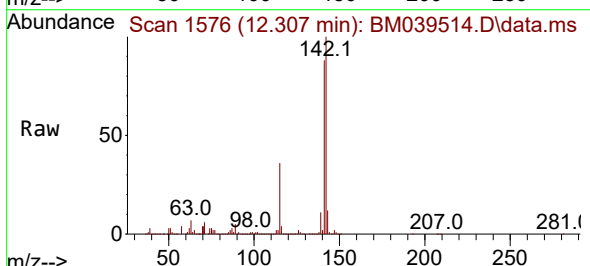
Instrument :
BNA_N
ClientSampleId :
DCBM2DL

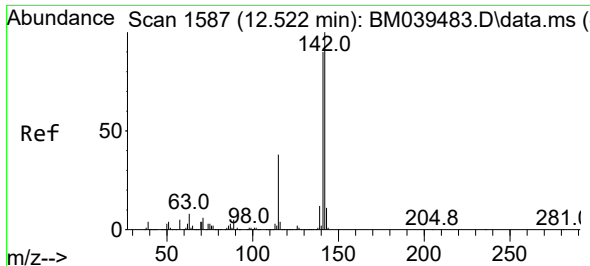
Tgt Ion:127 Resp: 6477810
Ion Ratio Lower Upper
127 100
129 80.4 25.8 38.8#



#36
2-Methylnaphthalene
Concen: 138.957 ng/ul
RT: 12.307 min Scan# 1576
Delta R.T. 0.003 min
Lab File: BM039514.D
Acq: 20 Apr 2023 03:05

Tgt Ion:142 Resp: 5726336
Ion Ratio Lower Upper
142 100
141 87.8 71.1 106.7





#37

1-Methylnaphthalene

Concen: 66.446 ng/ul

RT: 12.525 min Scan# 1

Delta R.T. 0.003 min

Lab File: BM039514.D

Acq: 20 Apr 2023 03:05

Instrument :

BNA_N

ClientSampleId :

DCBM2DL

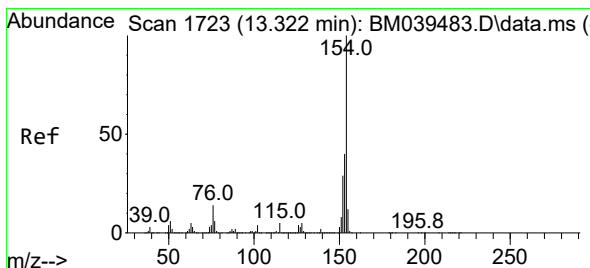
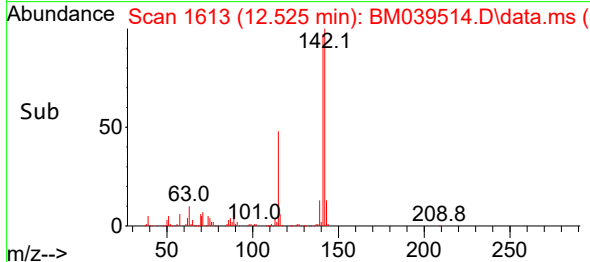
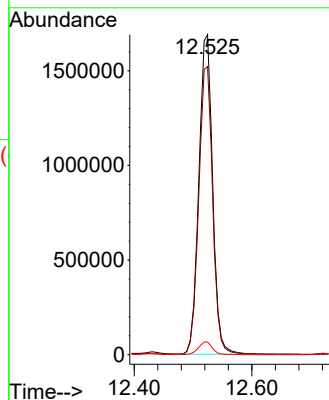
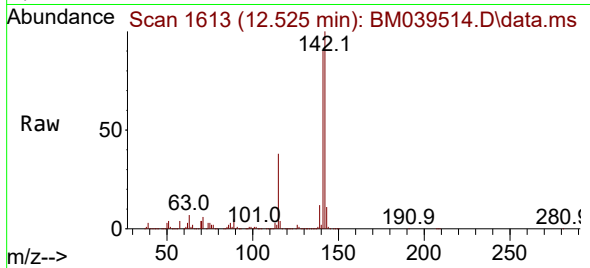
Tgt Ion:142 Resp: 2751656

Ion Ratio Lower Upper

142 100

141 90.0 72.0 108.0

116 4.0 3.2 4.8



#43

1,1'-Biphenyl

Concen: 18.463 ng/ul

RT: 13.313 min Scan# 1747

Delta R.T. -0.009 min

Lab File: BM039514.D

Acq: 20 Apr 2023 03:05

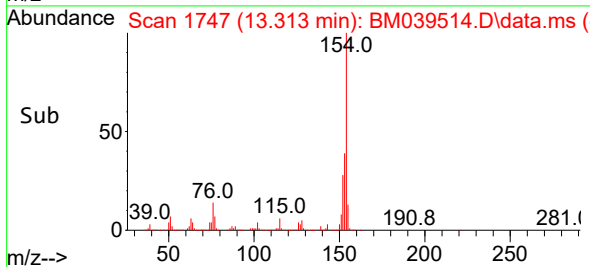
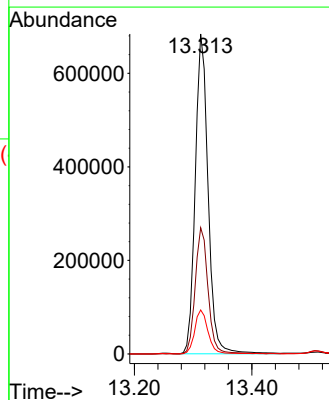
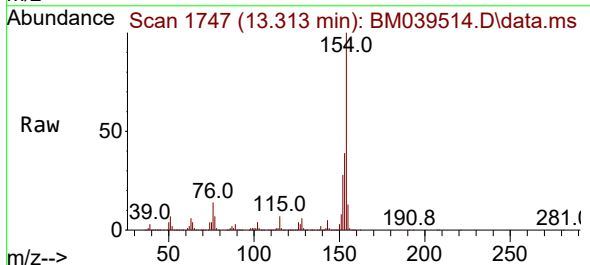
Tgt Ion:154 Resp: 1035204

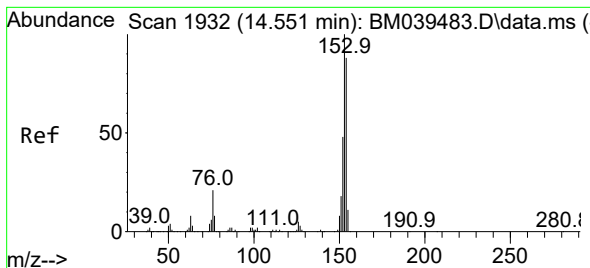
Ion Ratio Lower Upper

154 100

153 39.4 31.9 47.9

76 13.8 11.5 17.3





#52

Acenaphthene

Concen: 73.028 ng/ul

RT: 14.548 min Scan# 1932

Delta R.T. -0.003 min

Lab File: BM039514.D

Acq: 20 Apr 2023 03:05

Instrument :

BNA_N

ClientSampleId :

DCBM2DL

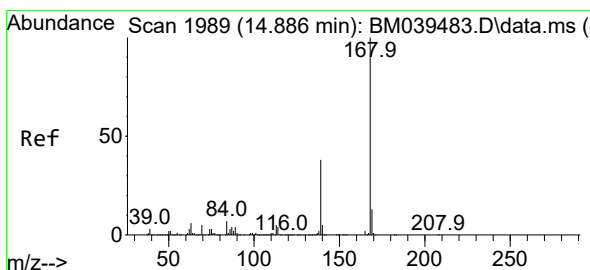
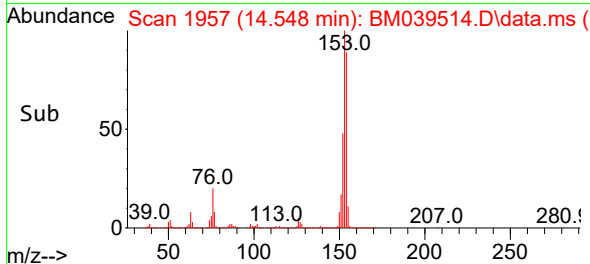
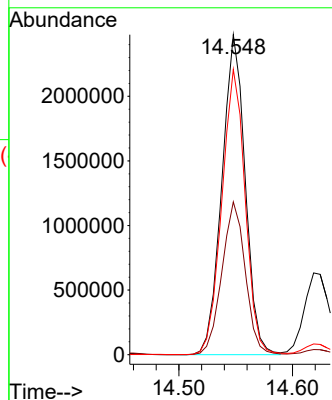
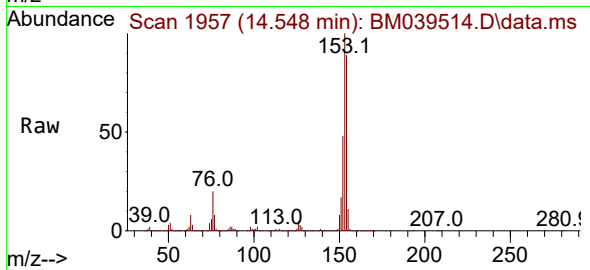
Tgt Ion:153 Resp: 3535344

Ion Ratio Lower Upper

153 100

152 47.7 38.2 57.4

154 89.1 71.0 106.4



#56

Dibenzofuran

Concen: 42.019 ng/ul

RT: 14.883 min Scan# 2014

Delta R.T. -0.003 min

Lab File: BM039514.D

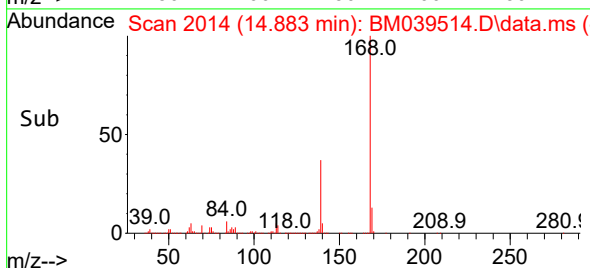
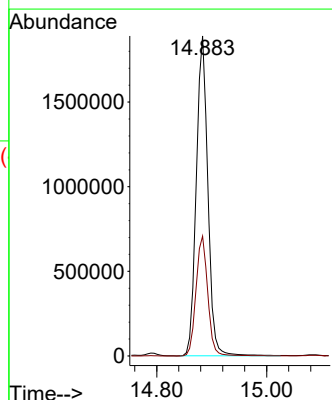
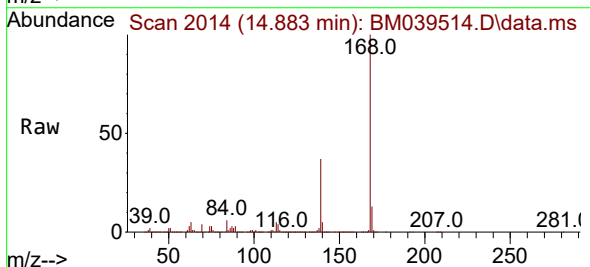
Acq: 20 Apr 2023 03:05

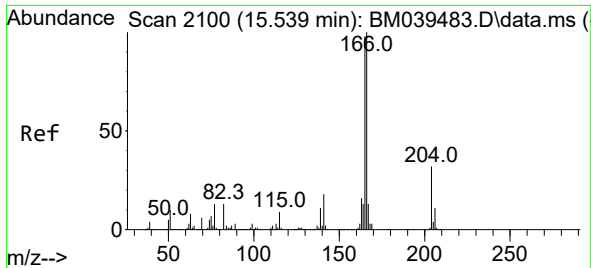
Tgt Ion:168 Resp: 2764856

Ion Ratio Lower Upper

168 100

139 37.4 30.7 46.1

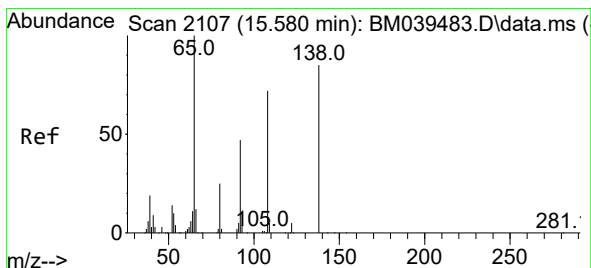
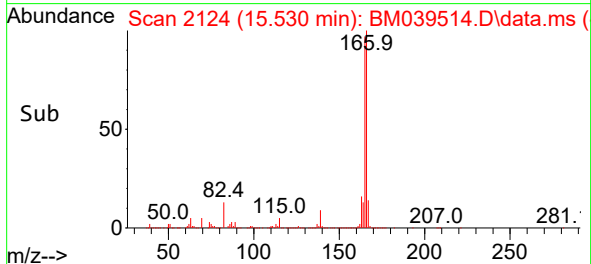
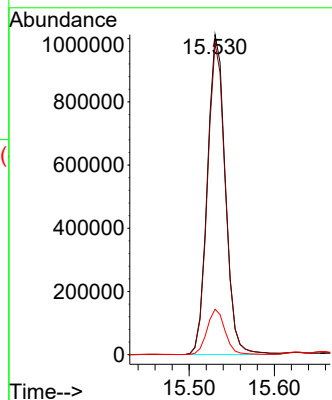
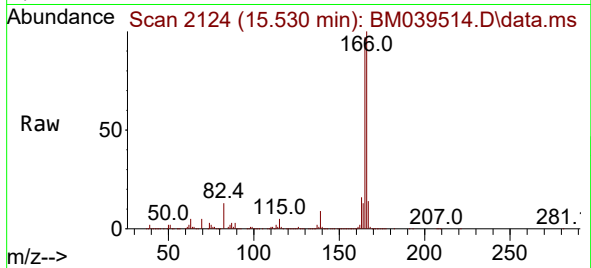




#61
Fluorene
Concen: 27.256 ng/ul
RT: 15.530 min Scan# 2100
Delta R.T. -0.009 min
Lab File: BM039514.D
Acq: 20 Apr 2023 03:05

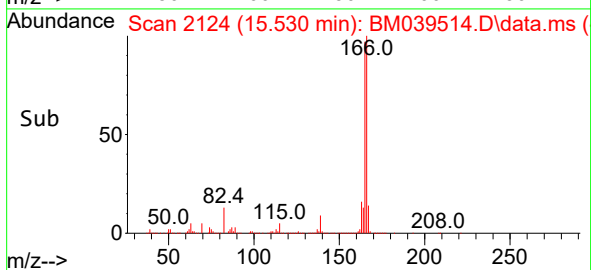
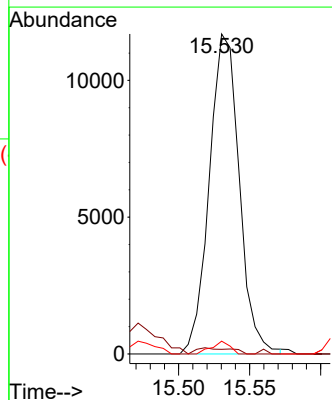
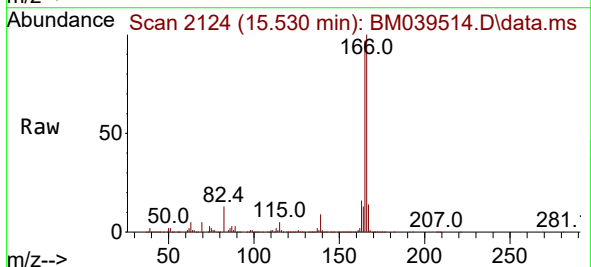
Instrument :
BNA_N
ClientSampleId :
DCBM2DL

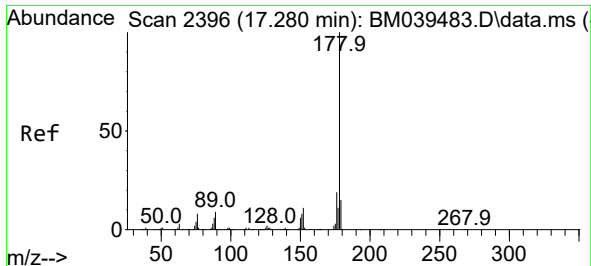
Tgt Ion:166 Resp: 1483549
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 14.2 10.7 16.1



#63
4-Nitroaniline
Concen: 2.036 ng/ul
RT: 15.530 min Scan# 2124
Delta R.T. -0.050 min
Lab File: BM039514.D
Acq: 20 Apr 2023 03:05

Tgt Ion:138 Resp: 17149
Ion Ratio Lower Upper
138 100
92 1.5 44.1 66.1#
108 4.0 64.6 97.0#

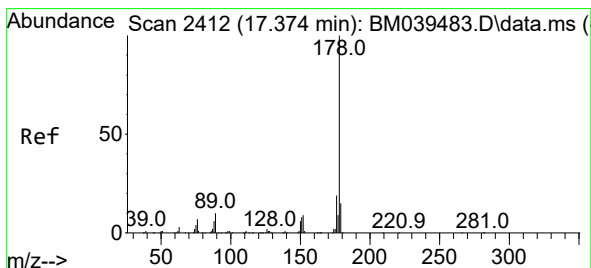
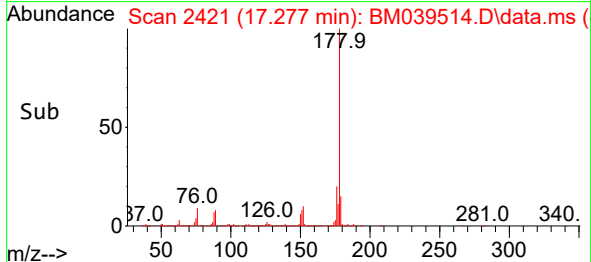
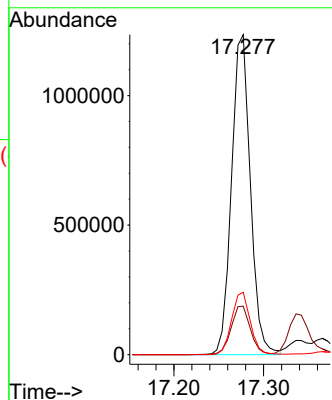
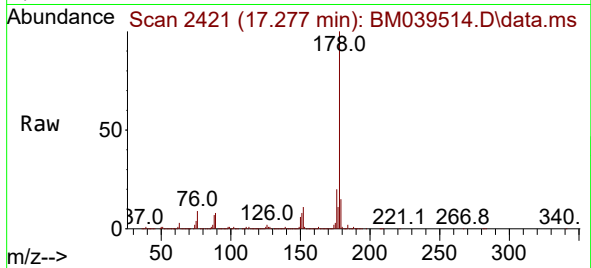




#72
Phenanthrene
Concen: 21.825 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BM039514.D
Acq: 20 Apr 2023 03:05

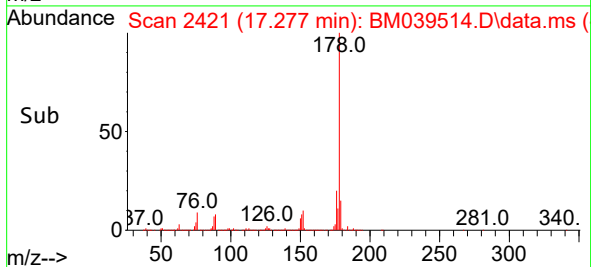
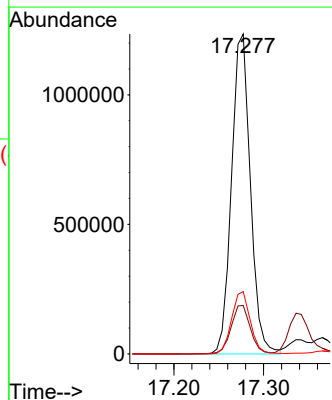
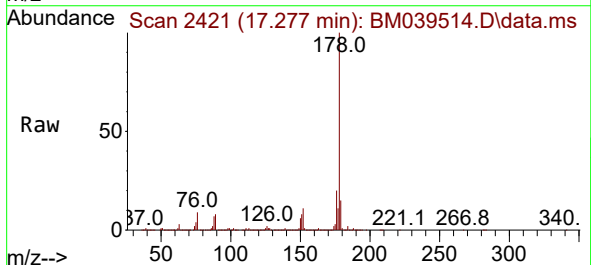
Instrument :
BNA_N
ClientSampleId :
DCBM2DL

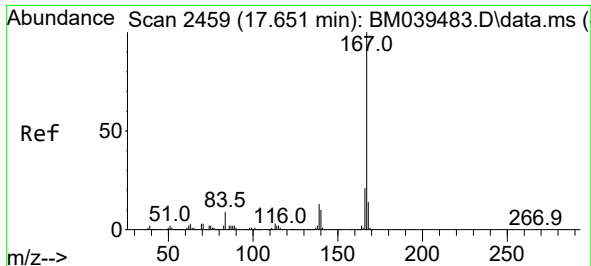
Tgt Ion:178 Resp: 1801404
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.5 15.8 23.8



#74
Anthracene
Concen: 21.755 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.097 min
Lab File: BM039514.D
Acq: 20 Apr 2023 03:05

Tgt Ion:178 Resp: 1801404
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 19.5 15.0 22.6

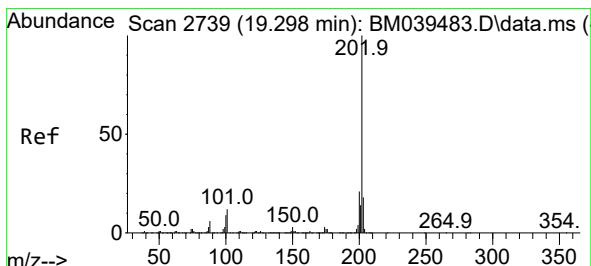
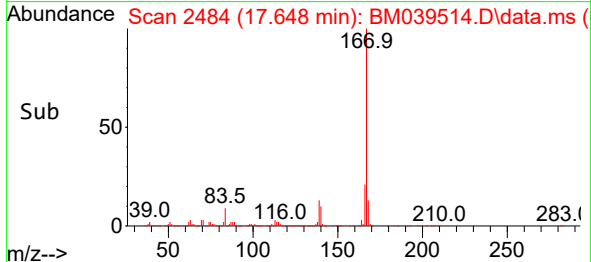
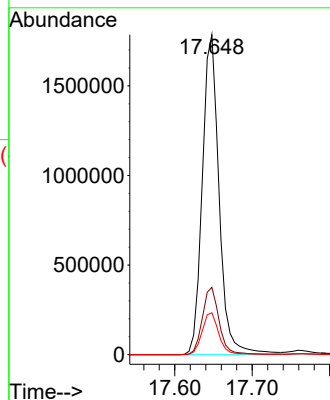
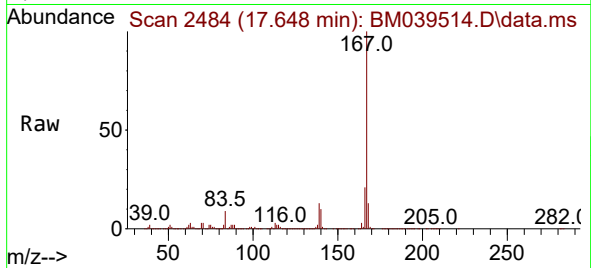




#77
 Carbazole
 Concen: 36.548 ng/ul
 RT: 17.648 min Scan# 2459
 Delta R.T. -0.003 min
 Lab File: BM039514.D
 Acq: 20 Apr 2023 03:05

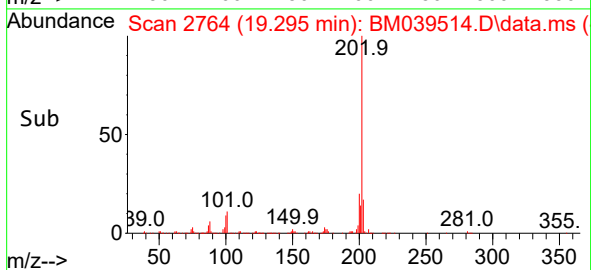
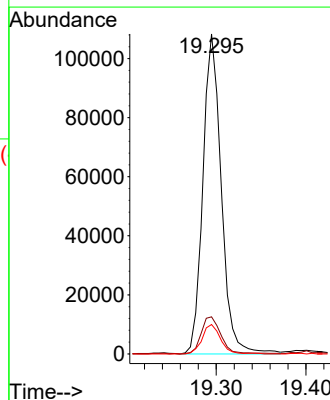
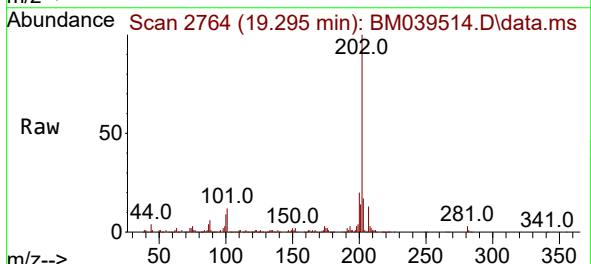
Instrument :
 BNA_N
 ClientSampleId :
 DCBM2DL

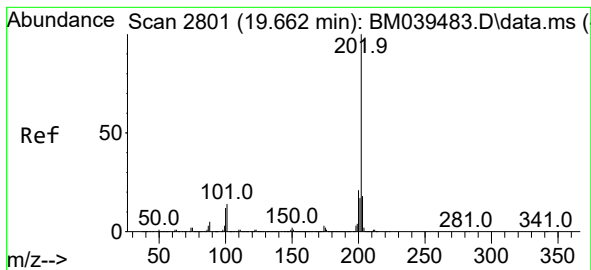
Tgt Ion:167 Resp: 2689210
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 13.1 10.6 15.8



#80
 Fluoranthene
 Concen: 1.881 ng/ul
 RT: 19.295 min Scan# 2764
 Delta R.T. -0.003 min
 Lab File: BM039514.D
 Acq: 20 Apr 2023 03:05

Tgt Ion:202 Resp: 154408
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.4 15.6
 100 9.2 7.7 11.5





#82

Pyrene

Concen: 1.041 ng/ul

RT: 19.659 min Scan# 2

Delta R.T. -0.003 min

Lab File: BM039514.D

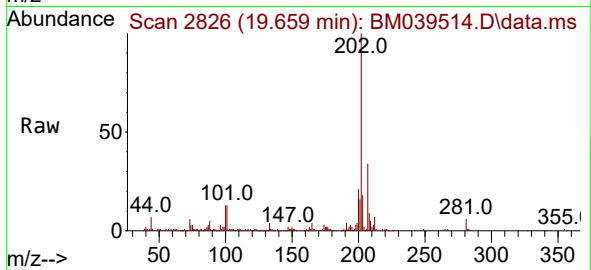
Acq: 20 Apr 2023 03:05

Instrument :

BNA_N

ClientSampleId :

DCBM2DL



Tgt Ion:202 Resp: 88479

Ion Ratio Lower Upper

202 100

101 13.3 12.1 18.1

100 12.8 9.6 14.4

