

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
 Data File : BM005006.D
 Acq On : 21 Apr 2016 00:32
 Operator : UM/SJ
 Sample : H2567-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M2

Quant Time: Apr 21 10:53:26 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 22:59:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	53777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	233161	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	132453	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	287143	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	325105	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	321329	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	2824	2.81	ng/uL	0.00
5) Phenol-d5	6.97	99	51250	13.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	78995	35.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	97958	30.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	75866	23.92	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	53557	34.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	58203	33.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	103366	32.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	9190	2.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	364250	40.43	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	413958	37.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	18142	11.80	ng/ul	0.00
57) Fluorene-d10	15.44	176	310030	39.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	54943	44.24	ng/ul	0.00
70) Anthracene-d10	17.29	188	488574	42.82	ng/ul	0.00
76) Pyrene-d10	19.59	212	552765	40.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	556129	44.94	ng/ul	0.00

Target Compounds

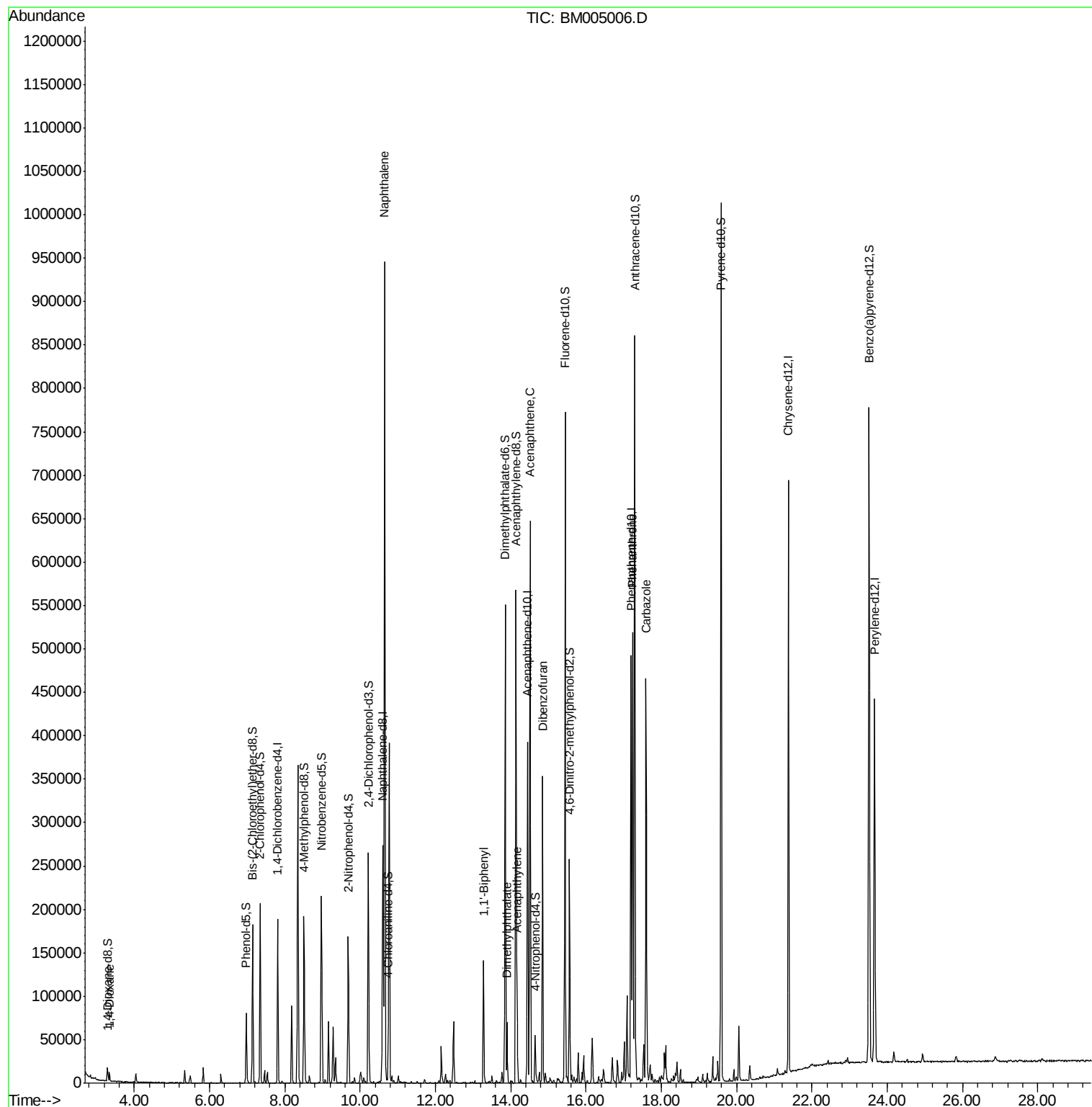
						Qvalue
2) 1,4-Dioxane	3.34	88	5145	2.81	ng/uL	97
28) Naphthalene	10.65	128	817370	78.68	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	77711	8.18	ng/ul	99
44) Dimethylphthalate	13.90	163	44464	4.96	ng/ul	100
47) Acenaphthylene	14.17	152	67942	5.79	ng/ul	99
49) Acenaphthene	14.51	153	266296	34.87	ng/ul	99
53) Dibenzofuran	14.84	168	235558	21.31	ng/ul	99
69) Phenanthrene	17.23	178	299675	22.36	ng/ul	99
72) Carbazole	17.59	167	303230	26.57	ng/ul	99

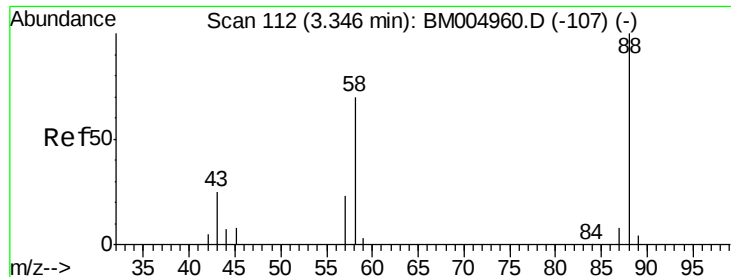
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.81 ng/uL

RT: 3.34 min Scan# 111

Delta R.T. 0.00 min

Lab File: BM005006.D

Acq: 21 Apr 2016 00:32

Instrument :

BNA_M

ClientSampleId :

BC7M2

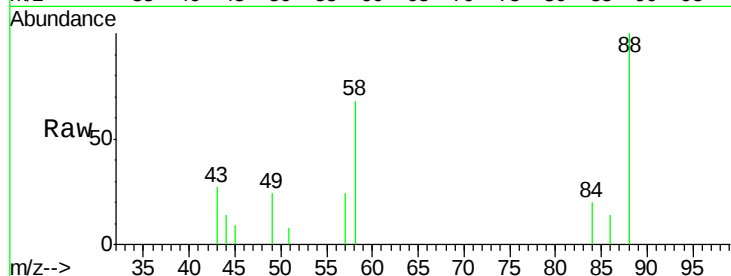
Tgt Ion: 88 Resp: 5145

Ion Ratio Lower Upper

88 100

43 23.8 23.0 34.4

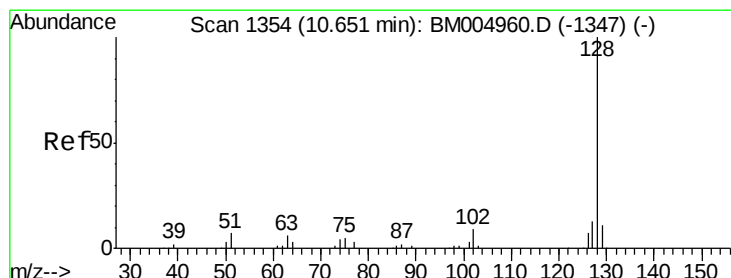
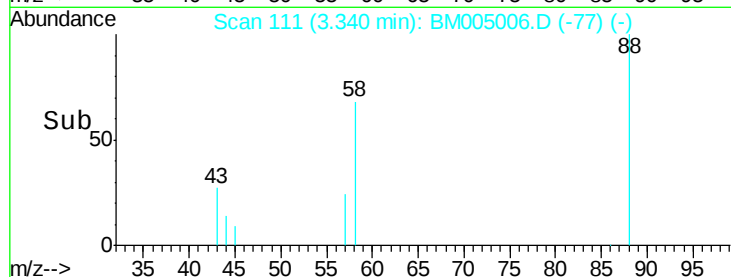
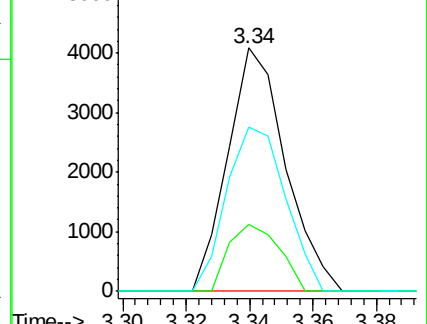
58 69.0 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): BM004960.D (-107) (-)

Ion 43.00 (42.70 to 43.70): BM004960.D (-107) (-)

Ion 58.00 (57.70 to 58.70): BM004960.D (-107) (-)



#28

Naphthalene

Concen: 78.68 ng/uL

RT: 10.65 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BM005006.D

Acq: 21 Apr 2016 00:32

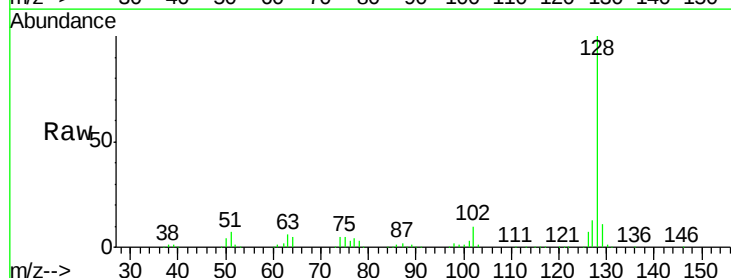
Tgt Ion: 128 Resp: 817370

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

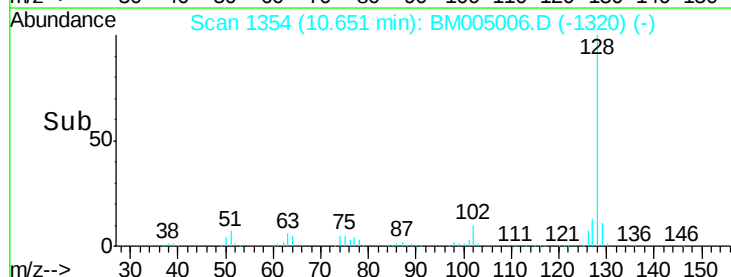
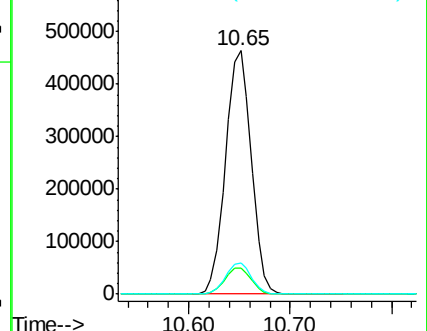
127 12.8 10.6 15.8

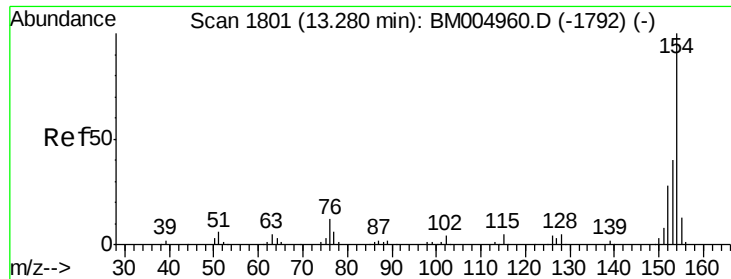


Abundance Ion 128.00 (127.70 to 128.70): BM004960.D (-1347) (-)

Ion 129.00 (128.70 to 129.70): BM004960.D (-1347) (-)

Ion 127.00 (126.70 to 127.70): BM004960.D (-1347) (-)

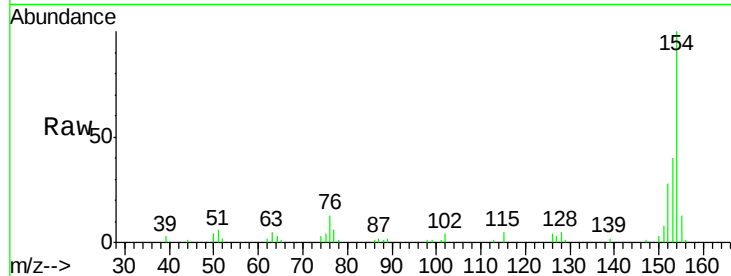




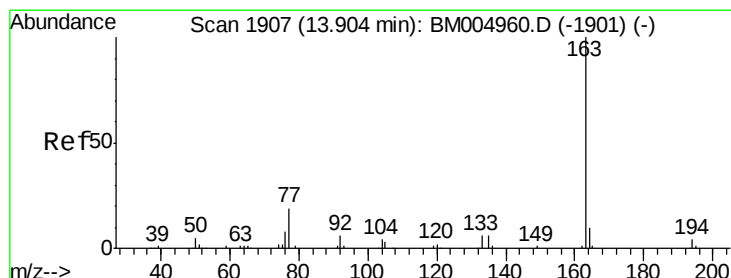
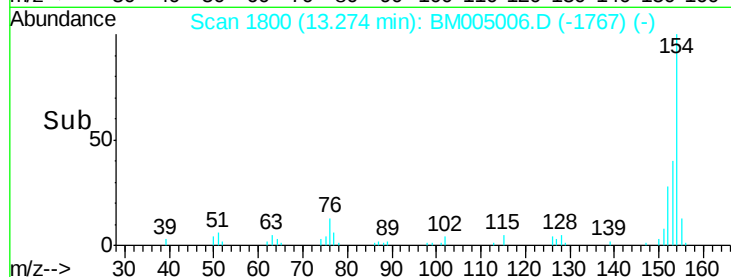
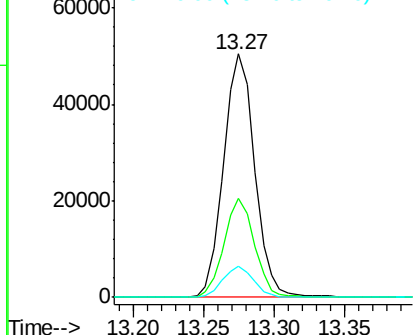
#40
 1,1'-Biphenyl
 Concen: 8.18 ng/ul
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BM005006.D
 Acq: 21 Apr 2016 00:32

Instrument :
 BNA_M
 ClientSampleId :
 BC7M2

Tgt Ion:154 Resp: 77711
 Ion Ratio Lower Upper
 154 100
 153 40.5 31.5 47.3
 76 12.8 10.1 15.1

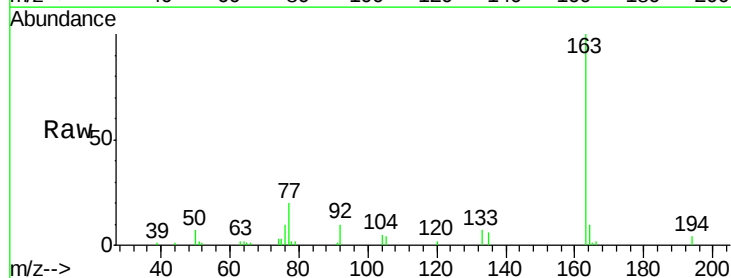


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

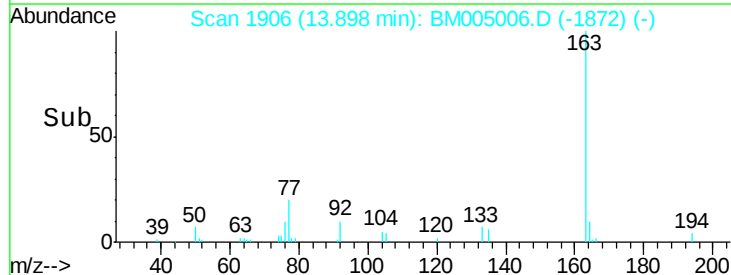
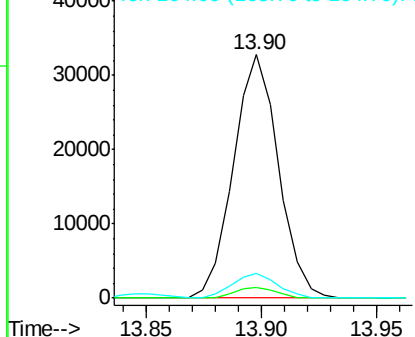


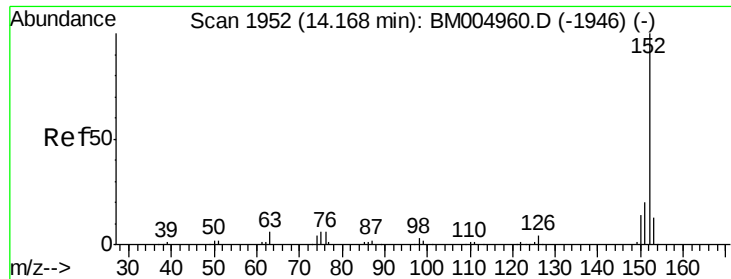
#44
 Dimethylphthalate
 Concen: 4.96 ng/ul
 RT: 13.90 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM005006.D
 Acq: 21 Apr 2016 00:32

Tgt Ion:163 Resp: 44464
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.3 4.9
 164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 5.79 ng/ul

RT: 14.17 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM005006.D

Acq: 21 Apr 2016 00:32

Instrument :

BNA_M

ClientSampleId :

BC7M2

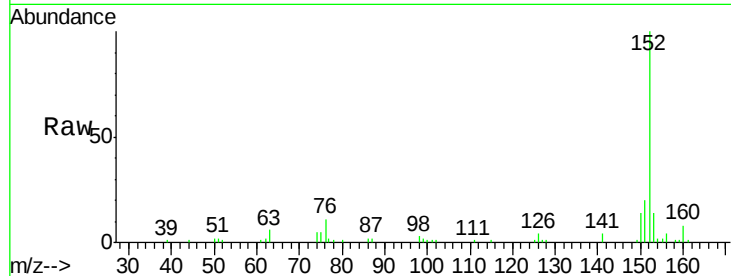
Tgt Ion:152 Resp: 67942

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

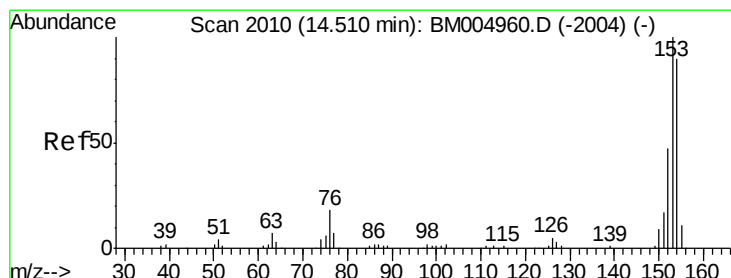
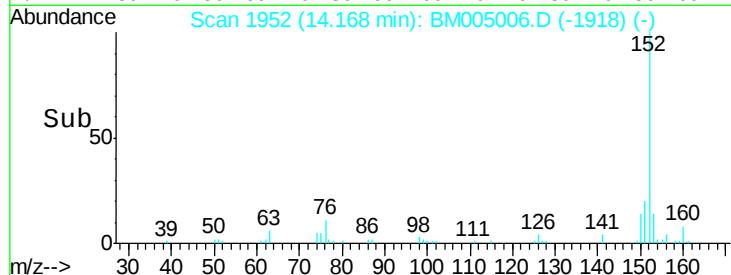
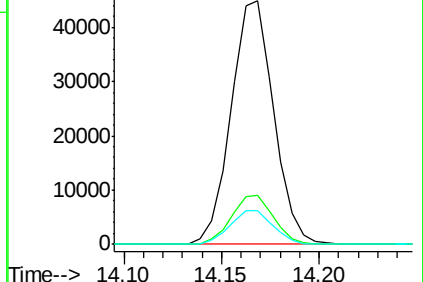
153 13.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 34.87 ng/ul

RT: 14.51 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BM005006.D

Acq: 21 Apr 2016 00:32

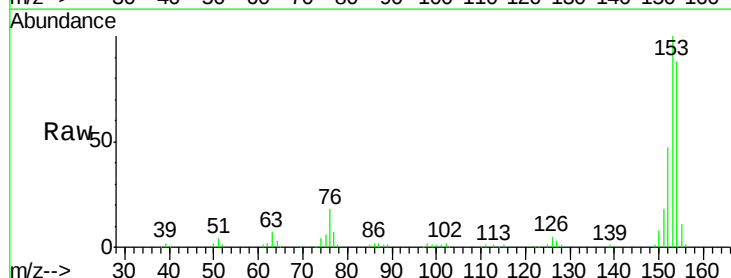
Tgt Ion:153 Resp: 266296

Ion Ratio Lower Upper

153 100

152 47.5 37.7 56.5

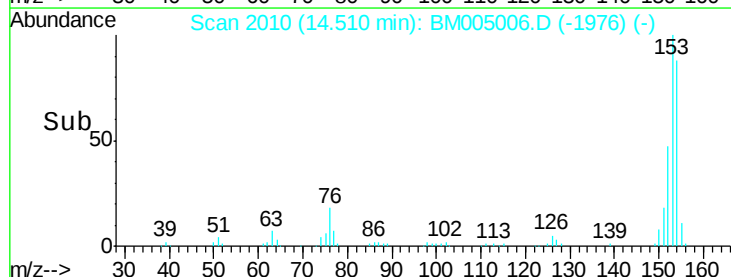
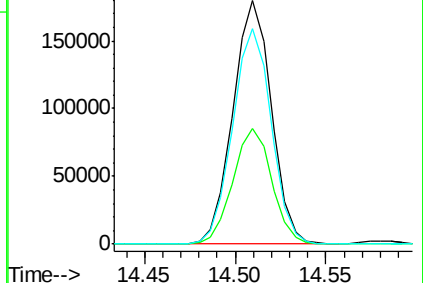
154 88.4 71.4 107.2

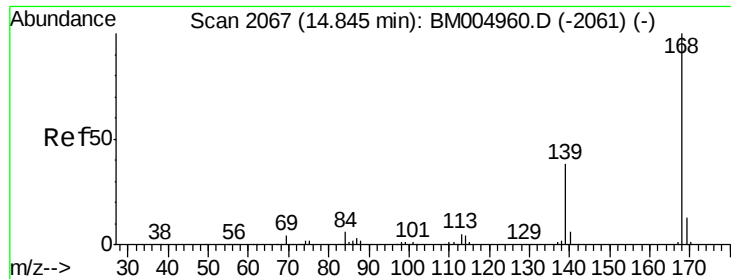


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 21.31 ng/ul

RT: 14.84 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BM005006.D

Acq: 21 Apr 2016 00:32

Instrument :

BNA_M

ClientSampleId :

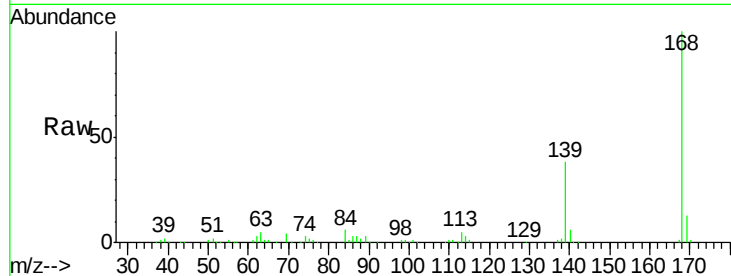
BC7M2

Tgt Ion:168 Resp: 235558

Ion Ratio Lower Upper

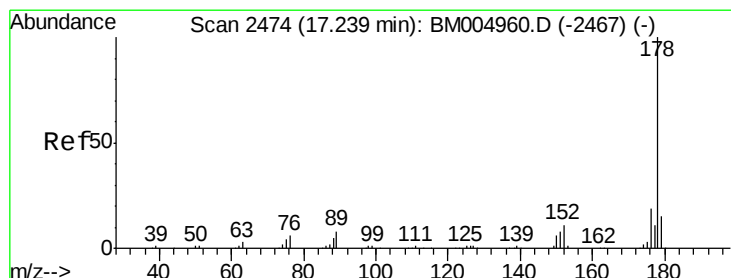
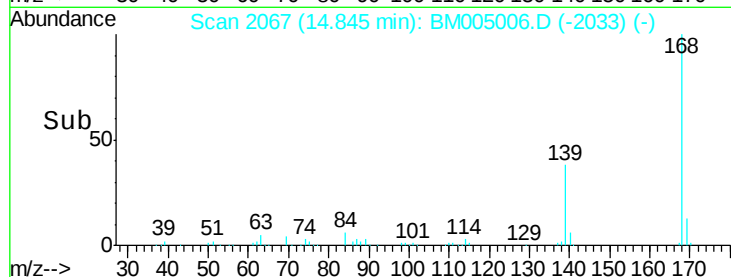
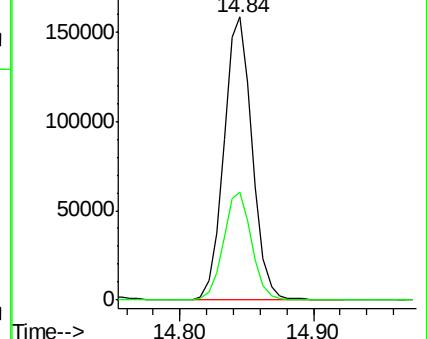
168 100

139 38.1 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#69

Phenanthrene

Concen: 22.36 ng/ul

RT: 17.23 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BM005006.D

Acq: 21 Apr 2016 00:32

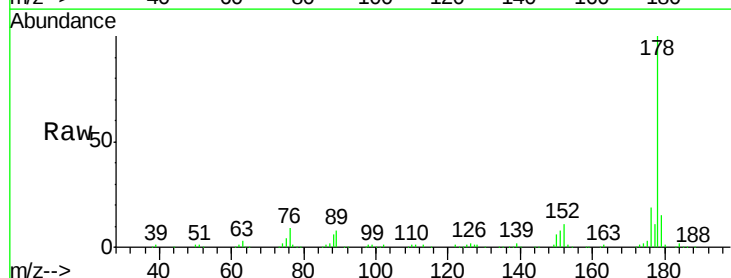
Tgt Ion:178 Resp: 299675

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.8

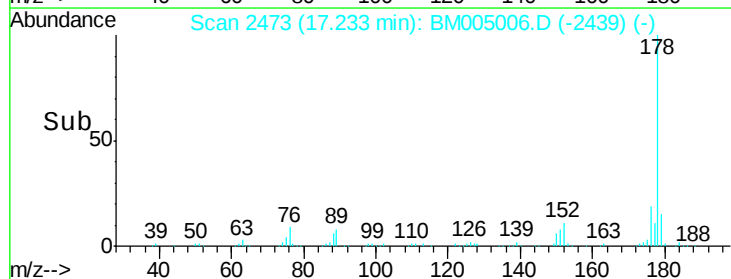
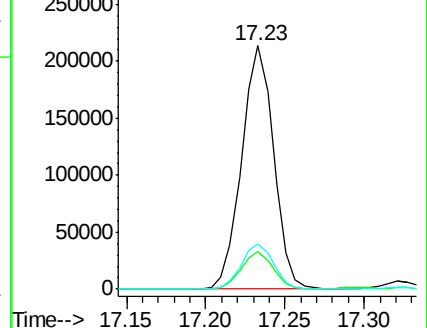
176 18.8 15.2 22.8

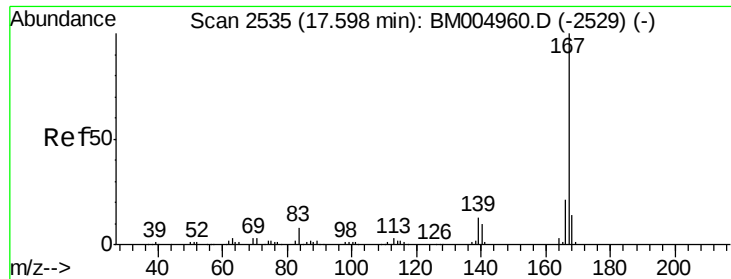


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72
 Carbazole
 Concen: 26.57 ng/ul
 RT: 17.59 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BM005006.D
 Acq: 21 Apr 2016 00:32

Instrument :
 BNA_M
 ClientSampleId :
 BC7M2

Tgt Ion:167 Resp: 303230
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.6 25.0
 139 13.2 10.2 15.4

