

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042716\
 Data File : BM005097.D
 Acq On : 27 Apr 2016 14:36
 Operator : UM/SJ
 Sample : H2584-01DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7MODL

Quant Time: Apr 28 04:17:08 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 28 04:13:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	81106	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	396375	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	264412	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	611417	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	624373	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	472015	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	248	0.16	ng/uL	0.00
5) Phenol-d5	6.97	99	9334	1.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	14468	3.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	17014	3.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	14456	2.54	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	8572	3.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	9485	3.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	20824	3.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	958	0.14	ng/ul	0.01
43) Dimethylphthalate-d6	13.85	166	79494	3.81	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	89164	3.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	2778	0.76	ng/ul	0.01
57) Fluorene-d10	15.43	176	74614	4.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	5997	1.72	ng/ul	0.00
70) Anthracene-d10	17.28	188	111968	4.08	ng/ul	0.00
76) Pyrene-d10	19.58	212	131457	4.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	80935	3.83	ng/ul	0.00

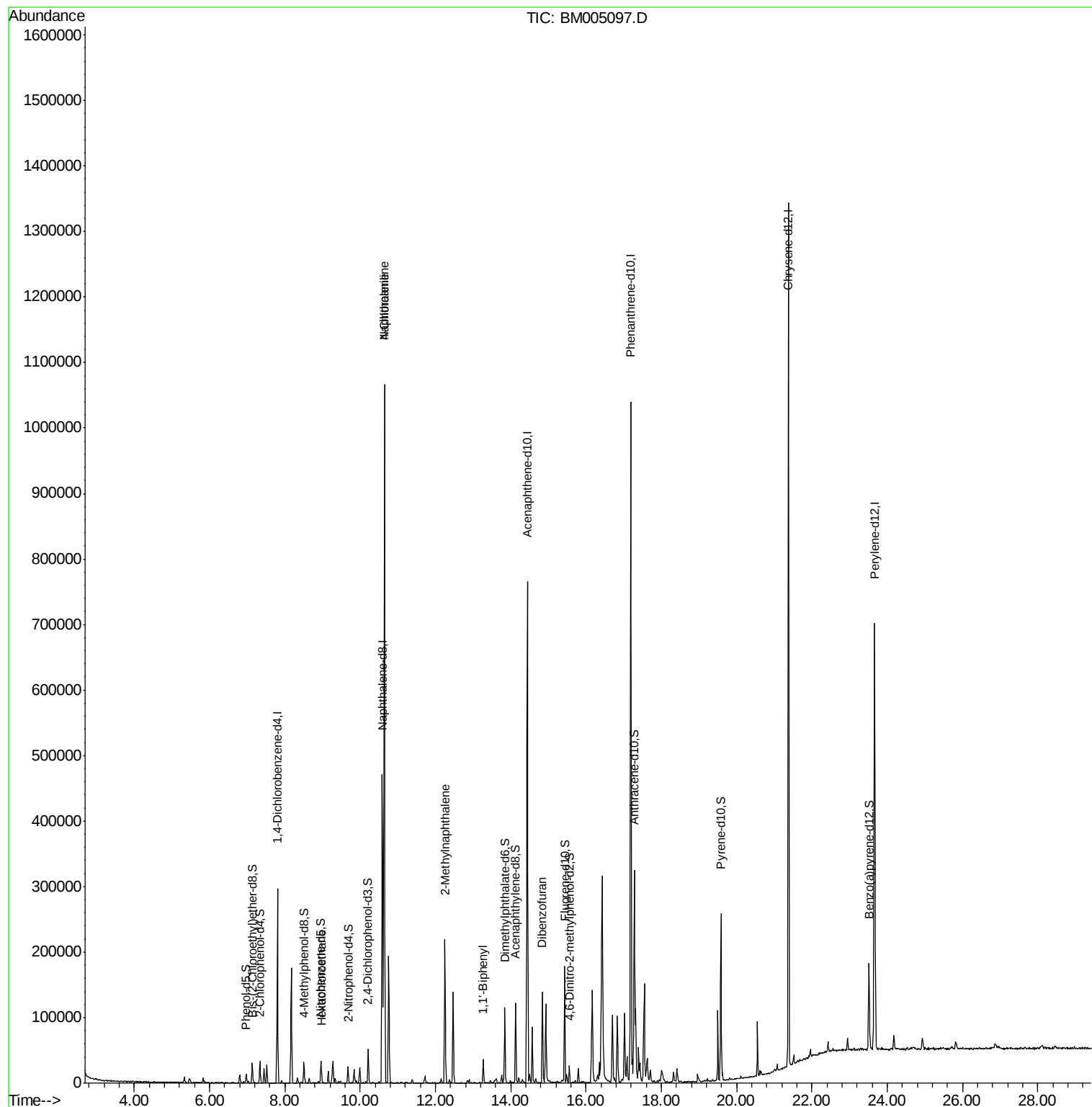
Target Compounds						Ovalue
17) Hexachloroethane	8.97	117	3417	1.57	ng/ul#	3
28) Naphthalene	10.64	128	905148	45.28	ng/ul	100
30) 4-Chloroaniline	10.64	127	119202	17.17	ng/ul#	11
34) 2-Methylnaphthalene	12.25	142	108570	7.34	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	21357	1.02	ng/ul	100
53) Dibenzofuran	14.83	168	89277	3.50	ng/ul	100

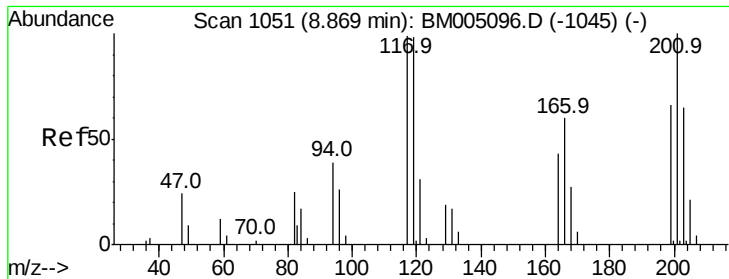
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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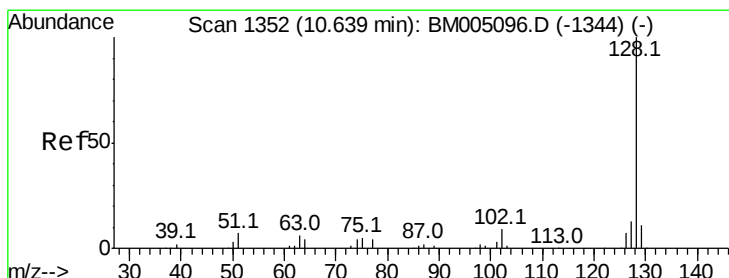
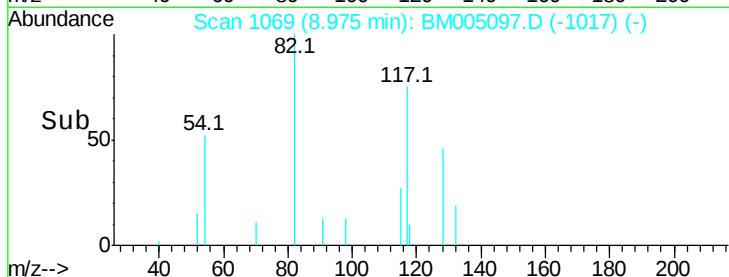
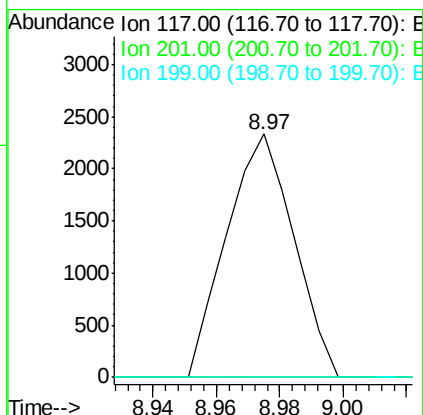
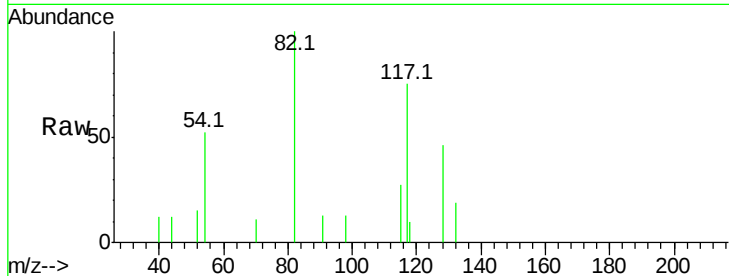




#17
Hexachloroethane
Concen: 1.57 ng/ul
RT: 8.97 min Scan# 1069
Delta R.T. 0.11 min
Lab File: BM005097.D
Acq: 27 Apr 2016 14:36

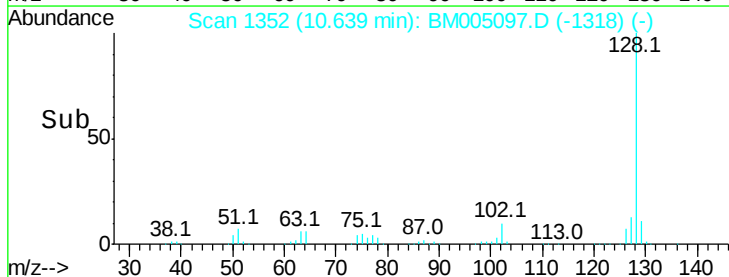
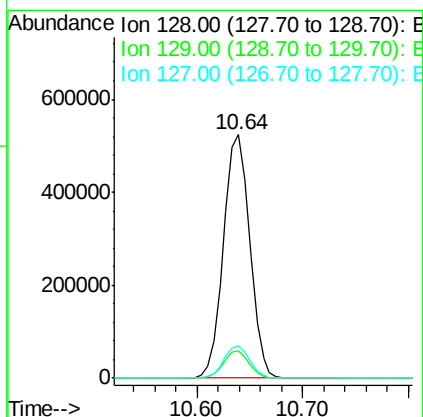
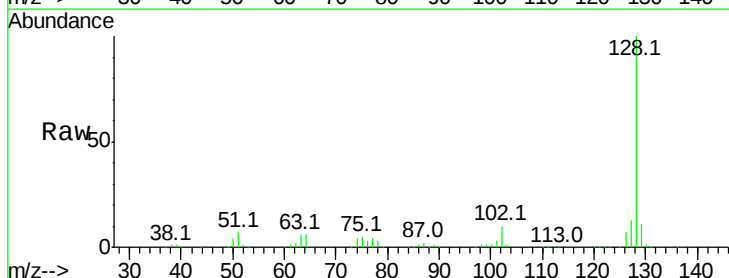
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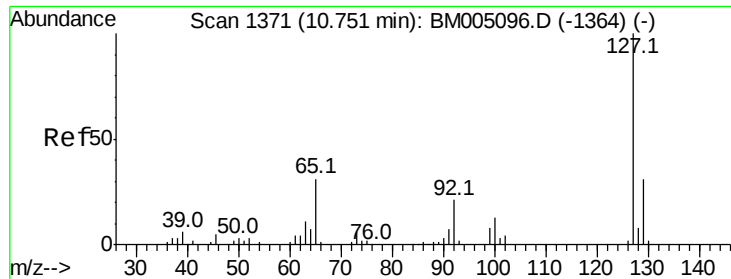
Tot Ion:117 Resp: 3417
Ion Ratio Lower Upper
117 100
201 0.0 88.5 132.7#
199 0.0 55.4 83.2#



#28
Naphthalene
Concen: 45.28 ng/ul
RT: 10.64 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM005097.D
Acq: 27 Apr 2016 14:36

Tgt Ion:128 Resp: 905148
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.6 15.8

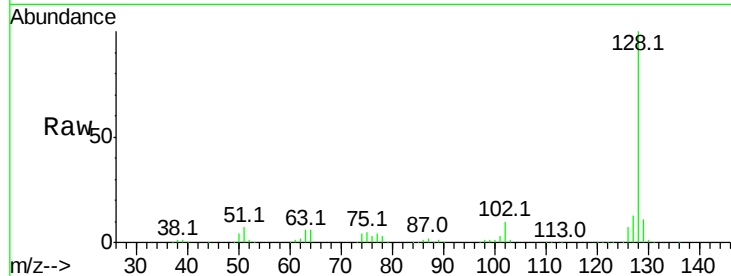




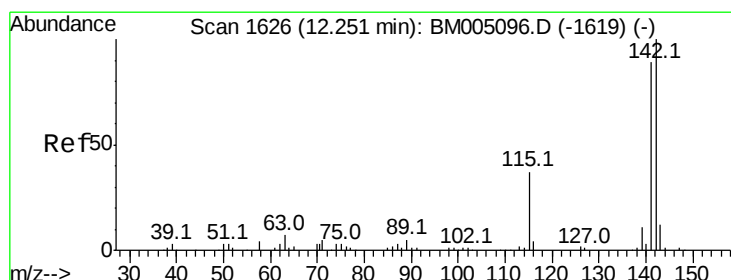
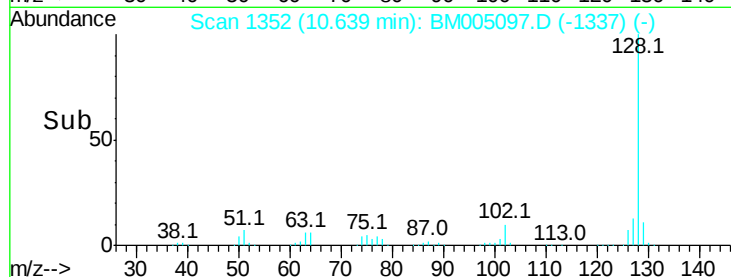
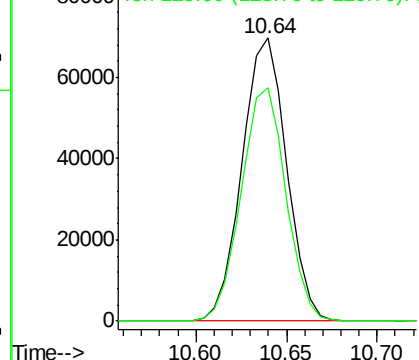
#30
4-Chloroaniline
Concen: 17.17 ng/ul
RT: 10.64 min Scan# 1352
Delta R.T. -0.11 min
Lab File: BM005097.D
Acq: 27 Apr 2016 14:36

Instrument :
BNA_M
ClientSampleId :
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Tot Ion:127 Resp: 119202
Ion Ratio Lower Upper
127 100
129 82.6 26.0 39.0#

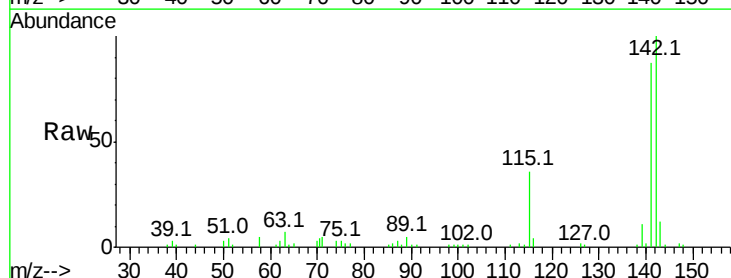


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

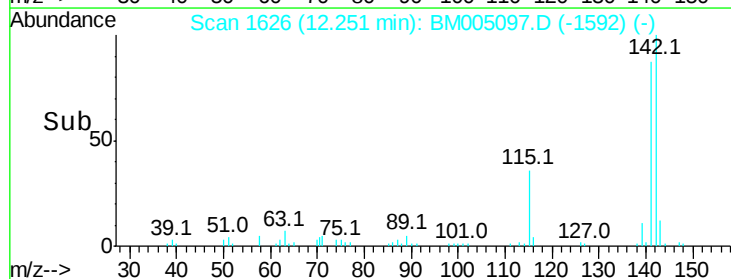
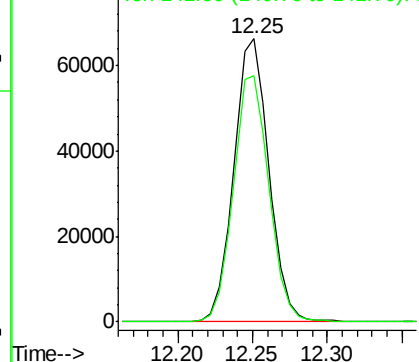


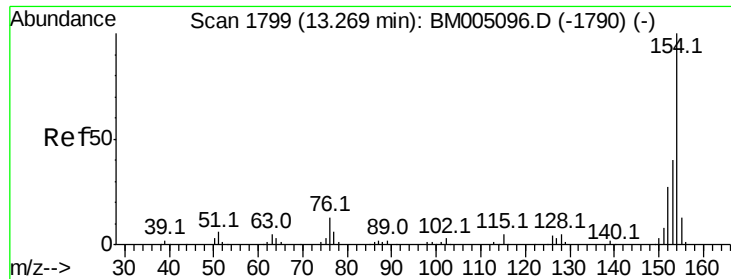
#34
2-Methylnaphthalene
Concen: 7.34 ng/ul
RT: 12.25 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BM005097.D
Acq: 27 Apr 2016 14:36

Tgt Ion:142 Resp: 108570
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

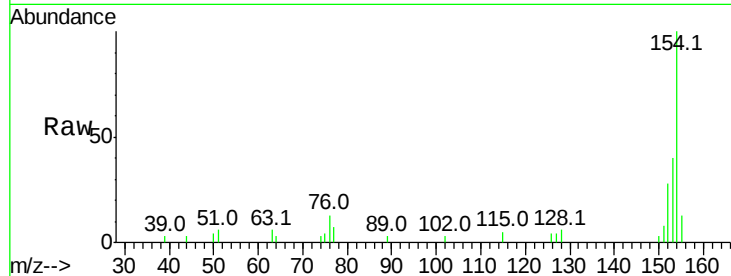




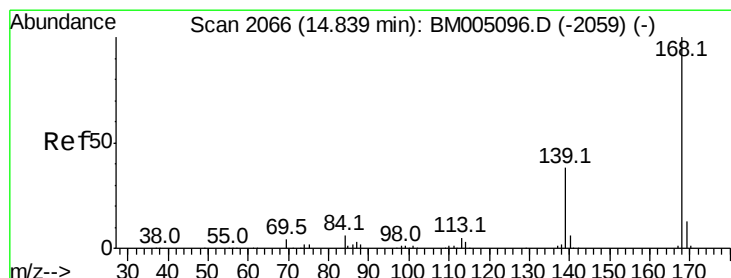
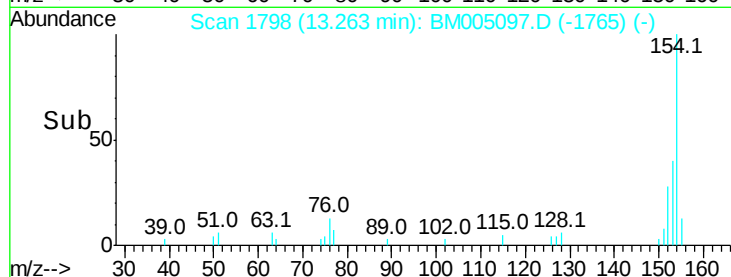
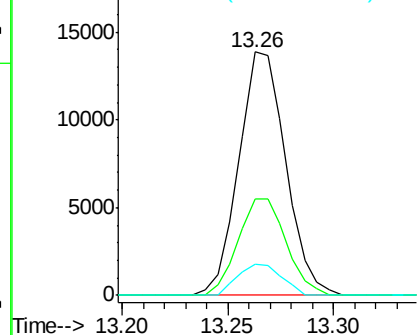
#40
 1,1'-Biphenyl
 Concen: 1.02 ng/ul
 RT: 13.26 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BM005097.D
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Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	31.5	47.3
76	12.7	10.1	15.1

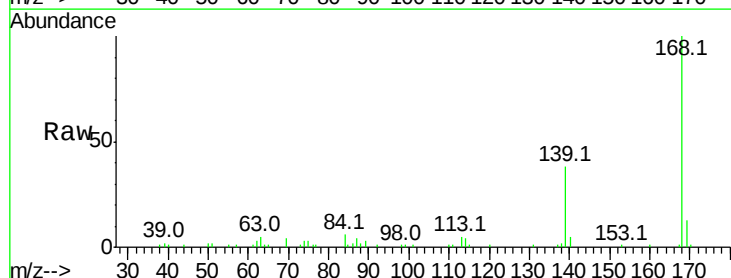


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM



#53
 Dibenzofuran
 Concen: 3.50 ng/ul
 RT: 14.83 min Scan# 2065
 Delta R.T. -0.01 min
 Lab File: BM005097.D
 Acq: 27 Apr 2016 14:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.9	44.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E

