

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042816\
 Data File : BM005112.D
 Acq On : 28 Apr 2016 13:36
 Operator : UM/SJ
 Sample : H2584-09DL2 30X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q1DL2

Quant Time: Apr 29 02:21:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 29 02:20:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	31027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	142726	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	93676	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	225493	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	242600	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	193965	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.97	99	393	0.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	1582	1.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	1621	0.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	938	0.43	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	654	0.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	749	0.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	1754	0.84	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.83	166	9541	1.29	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	9897	1.12	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.42	176	9071	1.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.27	188	14205	1.40	ng/ul	0.00
76) Pyrene-d10	19.57	212	15860	1.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	10338	1.19	ng/ul	0.00

Target Compounds

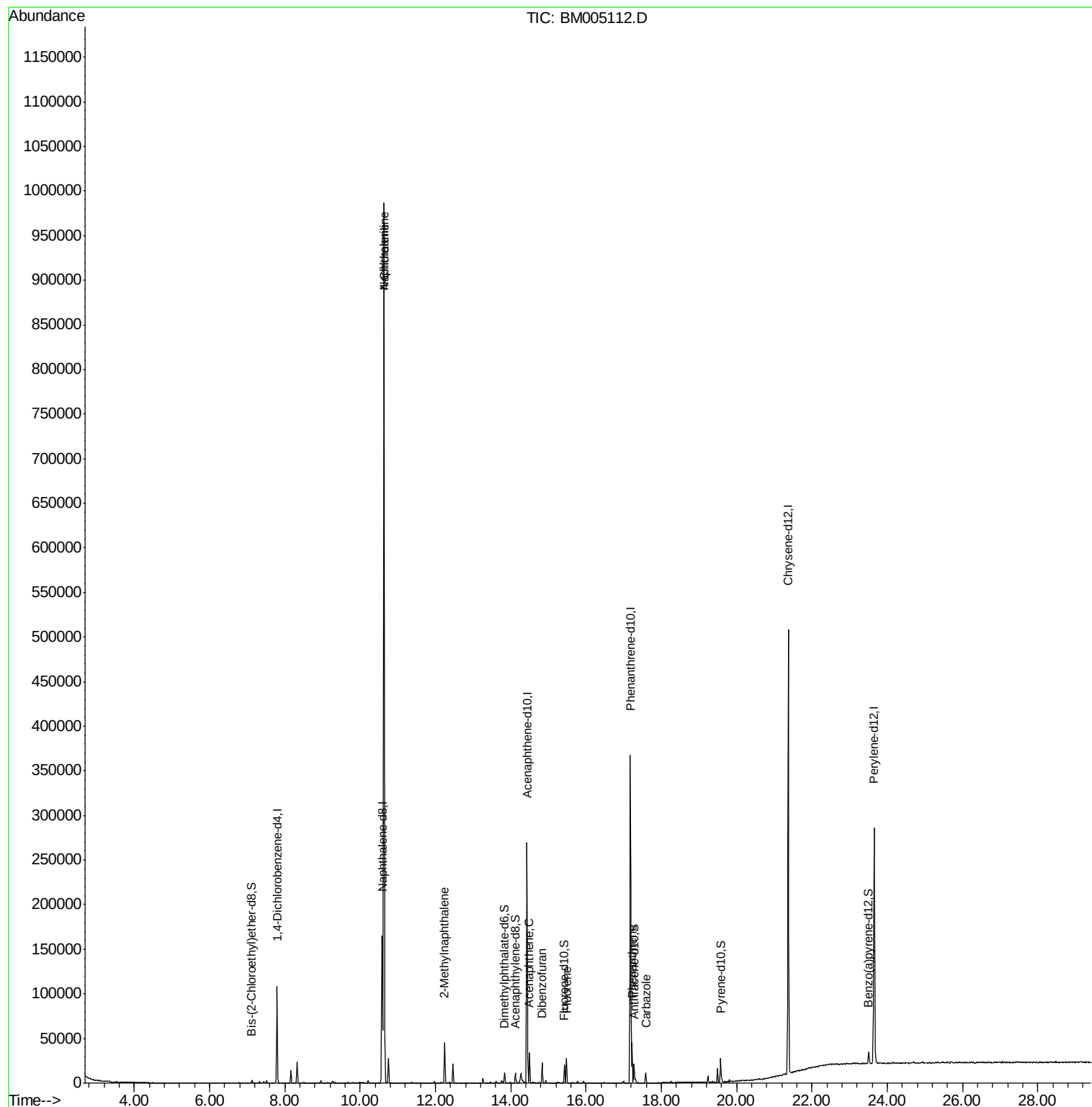
						Qvalue
28) Naphthalene	10.63	128	856823	119.03	ng/ul	100
30) 4-Chloroaniline	10.63	127	112437	44.97	ng/ul#	10
34) 2-Methylnaphthalene	12.24	142	24198	4.54	ng/ul	97
49) Acenaphthene	14.49	153	14976	2.44	ng/ul	99
53) Dibenzofuran	14.83	168	15436	1.71	ng/ul	94
58) Fluorene	15.48	166	14285	2.03	ng/ul	97
69) Phenanthrene	17.22	178	28807	2.40	ng/ul	99
72) Carbazole	17.59	167	10821	1.04	ng/ul	98

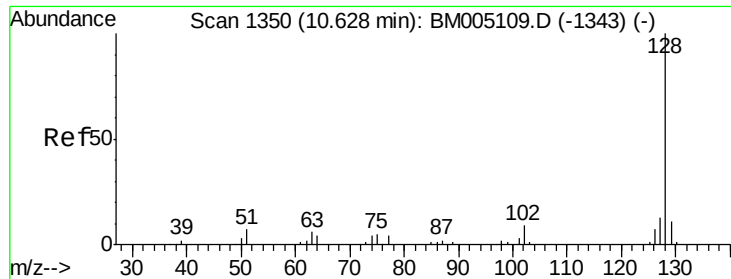
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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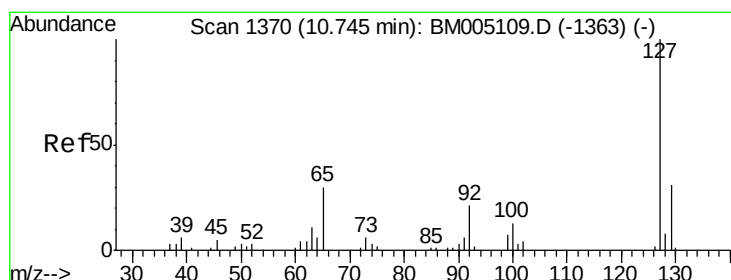
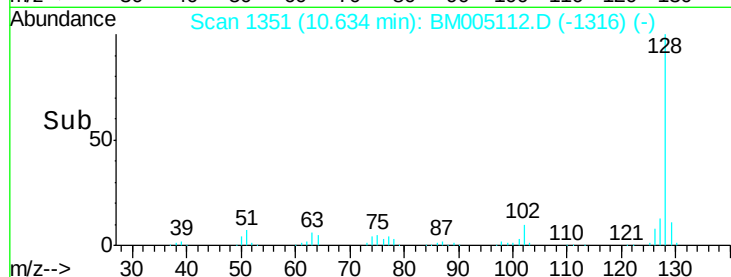
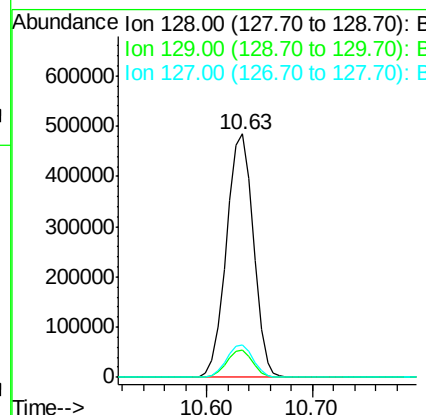
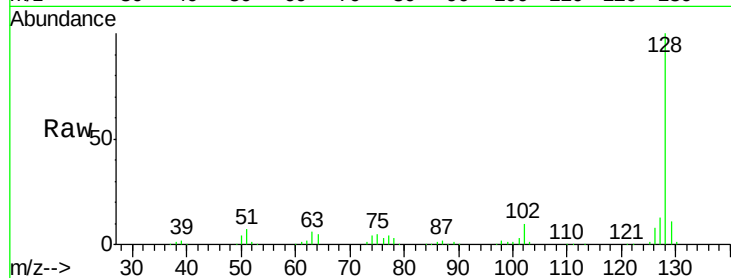




#28
Naphthalene
Concen: 119.03 ng/ul
RT: 10.63 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BM005112.D
Acq: 28 Apr 2016 13:36

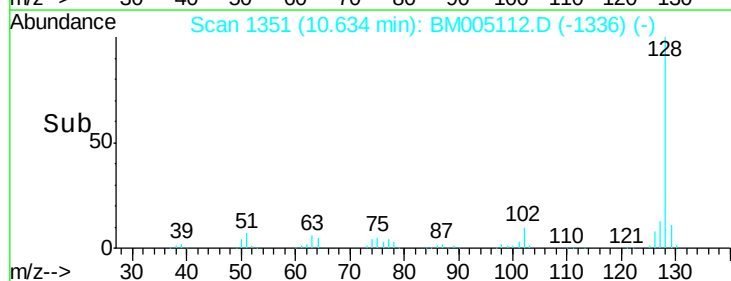
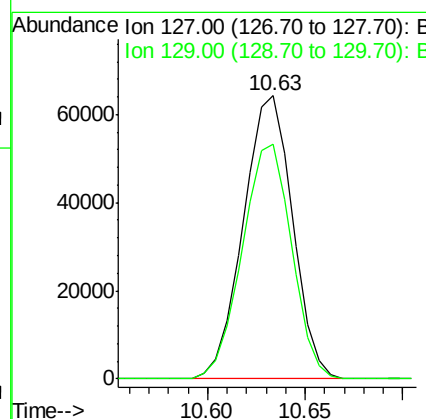
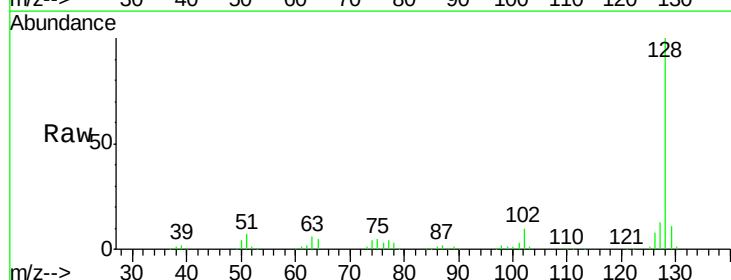
Instrument :
BNA_M
ClientSampleId :
BC7Q1DL2

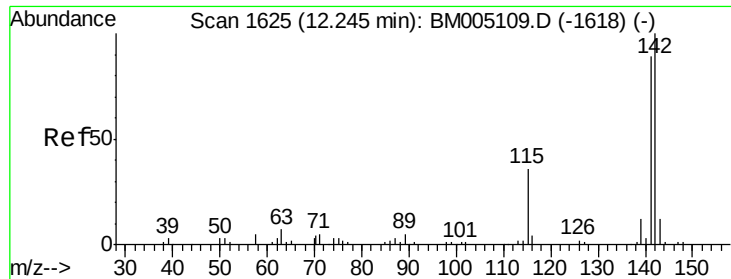
Tgt Ion:128 Resp: 856823
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.6 15.8



#30
4-Chloroaniline
Concen: 44.97 ng/ul
RT: 10.63 min Scan# 1351
Delta R.T. -0.11 min
Lab File: BM005112.D
Acq: 28 Apr 2016 13:36

Tgt Ion:127 Resp: 112437
Ion Ratio Lower Upper
127 100
129 82.8 26.0 39.0#

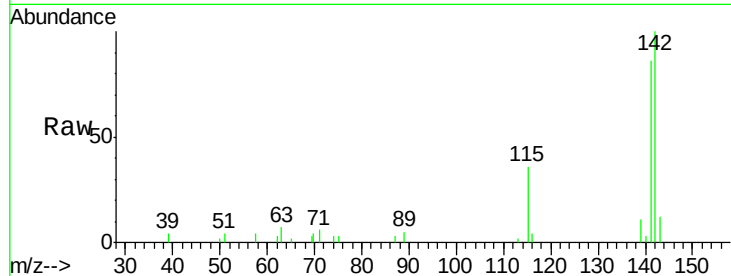




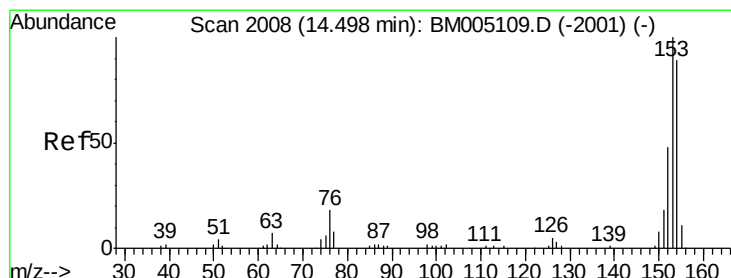
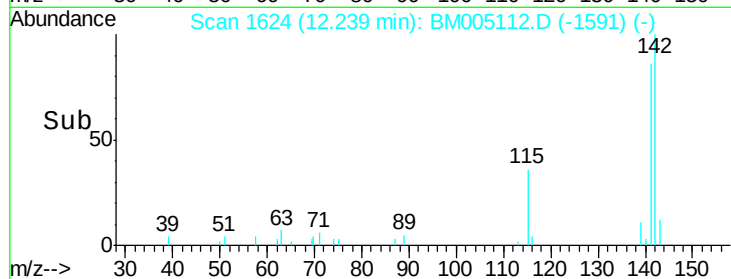
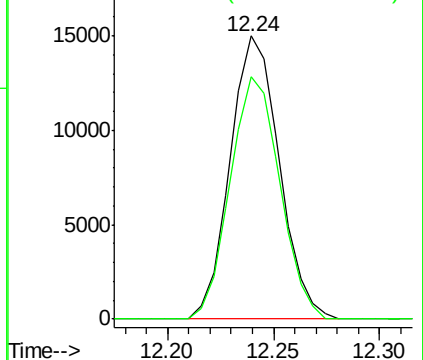
#34
 2-Methylnaphthalene
 Concen: 4.54 ng/ul
 RT: 12.24 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BM005112.D
 Acq: 28 Apr 2016 13:36

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q1DL2

Tgt Ion:142 Resp: 24198
 Ion Ratio Lower Upper
 142 100
 141 85.5 70.3 105.5

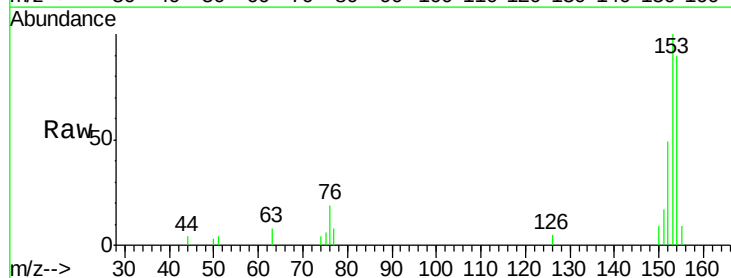


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

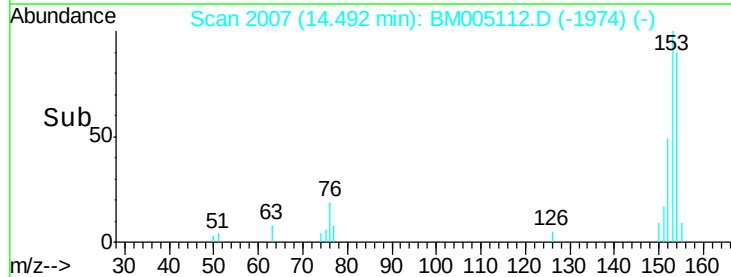
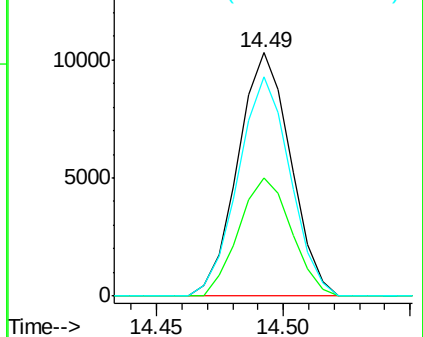


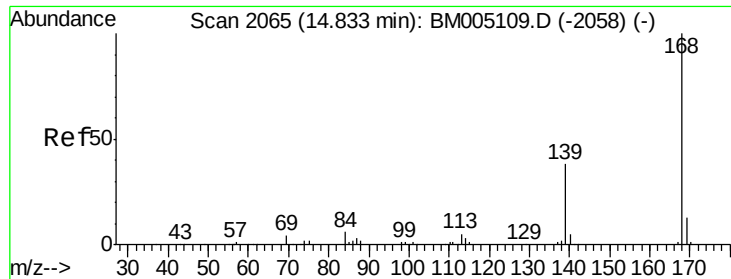
#49
 Acenaphthene
 Concen: 2.44 ng/ul
 RT: 14.49 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BM005112.D
 Acq: 28 Apr 2016 13:36

Tgt Ion:153 Resp: 14976
 Ion Ratio Lower Upper
 153 100
 152 48.6 37.7 56.5
 154 90.1 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: 1.71 ng/ul

RT: 14.83 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BM005112.D

Acq: 28 Apr 2016 13:36

Instrument :

BNA_M

ClientSampleId :

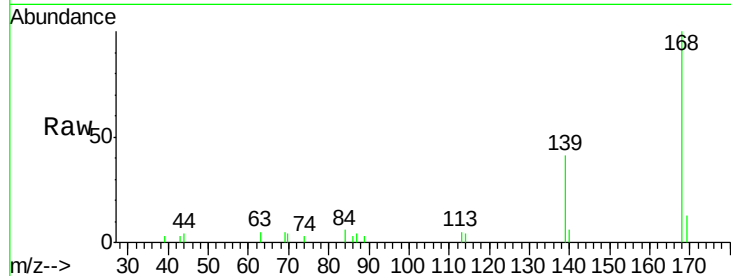
BC7Q1DL2

Tgt Ion:168 Resp: 15436

Ion Ratio Lower Upper

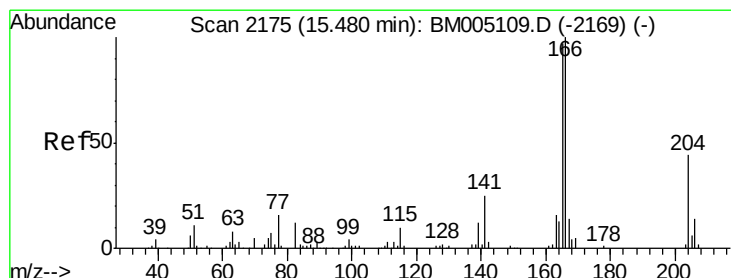
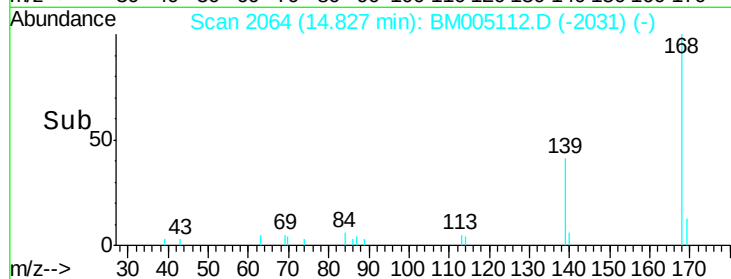
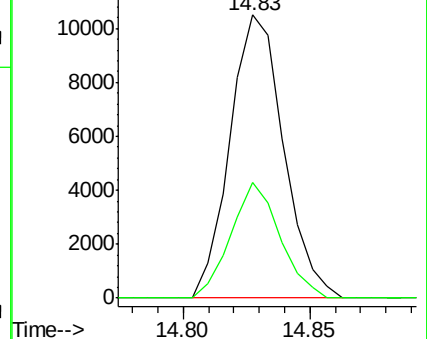
168 100

139 41.1 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 2.03 ng/ul

RT: 15.48 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BM005112.D

Acq: 28 Apr 2016 13:36

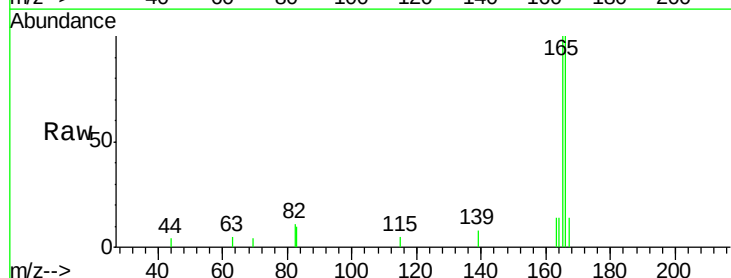
Tgt Ion:166 Resp: 14285

Ion Ratio Lower Upper

166 100

165 100.4 77.7 116.5

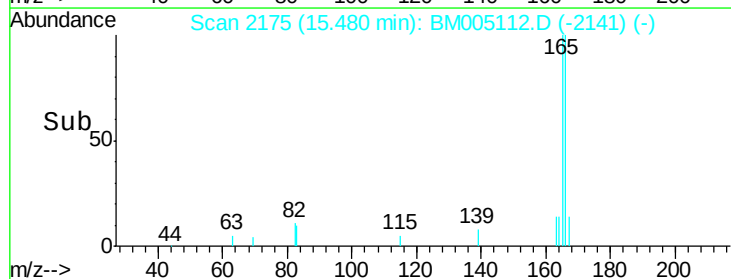
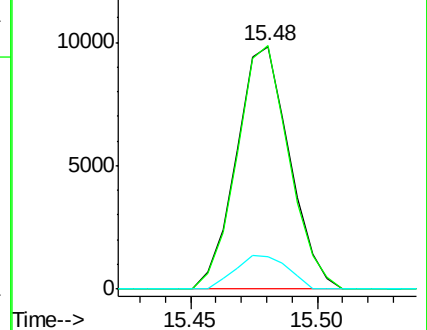
167 13.6 10.9 16.3

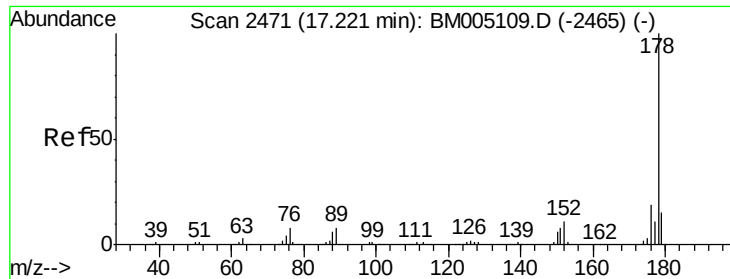


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 2.40 ng/ul

RT: 17.22 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BM005112.D

Acq: 28 Apr 2016 13:36

Instrument :

BNA_M

ClientSampleId :

BC7Q1DL2

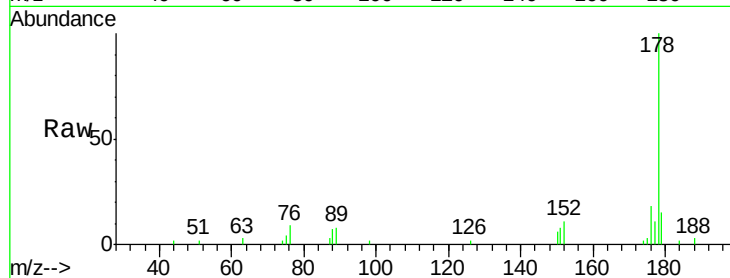
Tgt Ion:178 Resp: 28807

Ion Ratio Lower Upper

178 100

179 14.7 11.8 17.8

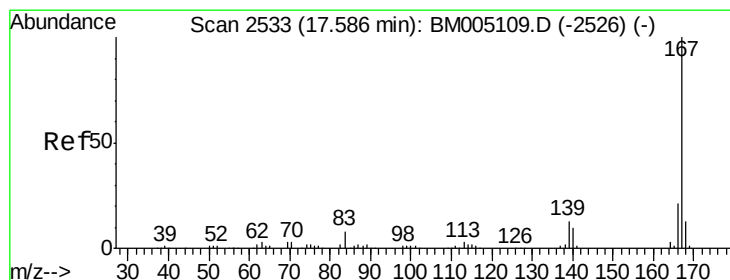
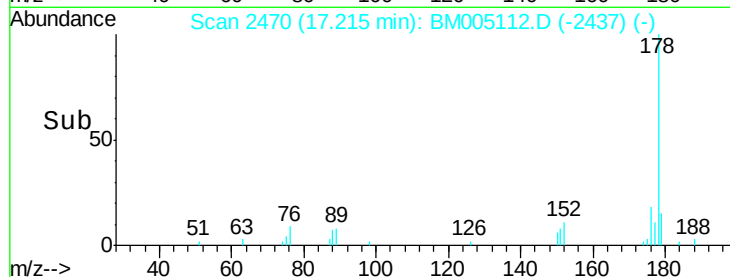
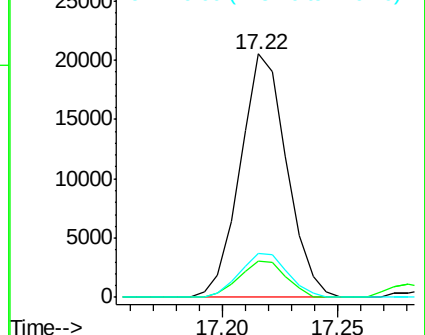
176 18.3 15.2 22.8



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: 1.04 ng/ul

RT: 17.59 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BM005112.D

Acq: 28 Apr 2016 13:36

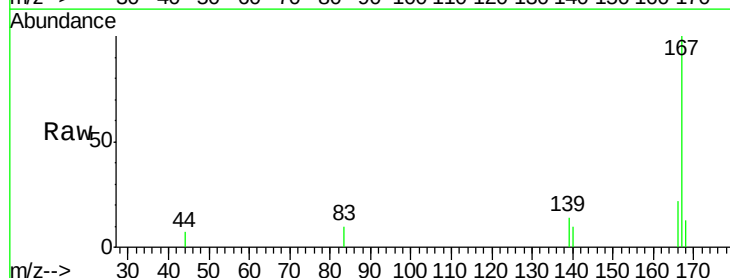
Tgt Ion:167 Resp: 10821

Ion Ratio Lower Upper

167 100

166 22.1 16.6 25.0

139 13.6 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

