

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042516\
 Data File : BM005058.D
 Acq On : 25 Apr 2016 22:52
 Operator : UM/SJ
 Sample : H2584-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M0

Quant Time: Apr 29 06:36:35 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 26 00:45:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	27626	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	152242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	114952	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	247916	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	307459	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	247789	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	2922	5.37	ng/uL	0.00
5) Phenol-d5	6.97	99	78905	34.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	102154	78.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	136206	75.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	119721	61.79	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	76082	72.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	89541	76.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	160769	71.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	8420	3.21	ng/ul	0.01
43) Dimethylphthalate-d6	13.85	166	514709	56.70	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	600356	55.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	38628	24.34	ng/ul	0.00
57) Fluorene-d10	15.43	176	423584	53.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	96858	68.69	ng/ul	0.00
70) Anthracene-d10	17.29	188	646110	58.12	ng/ul	0.00
76) Pyrene-d10	19.59	212	740640	52.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	602158	54.24	ng/ul	0.00

Target Compounds

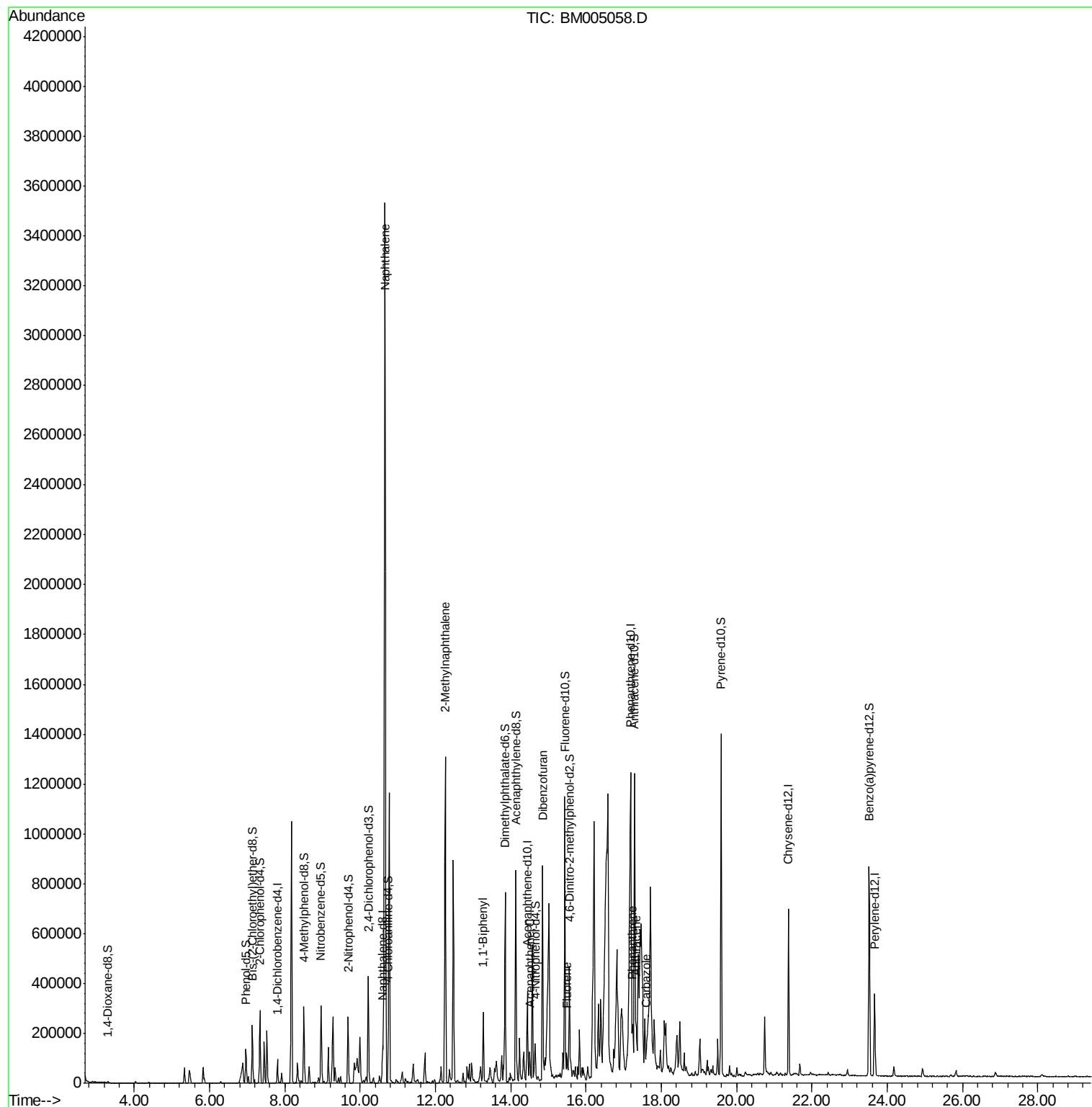
						Qvalue
28) Naphthalene	10.66	128	3909240	509.12	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	651749	114.67	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	144318	15.87	ng/ul	98
49) Acenaphthene	14.50	153	41211	5.48	ng/ul	99
53) Dibenzofuran	14.84	168	534703	48.17	ng/ul	98
58) Fluorene	15.49	166	41081	4.77	ng/ul#	91
69) Phenanthrene	17.23	178	64687	4.90	ng/ul	96
71) Anthracene	17.32	178	29953	2.25	ng/ul	96
72) Carbazole	17.59	167	19640	1.72	ng/ul	98

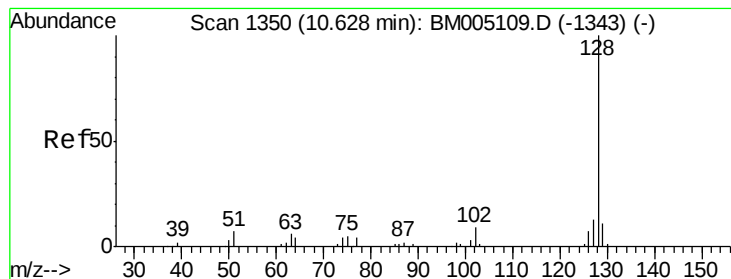
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 509.12 ng/ul

RT: 10.66 min Scan# 1356

Delta R.T. 0.02 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

Instrument :

BNA_M

ClientSampleId :

BC7M0

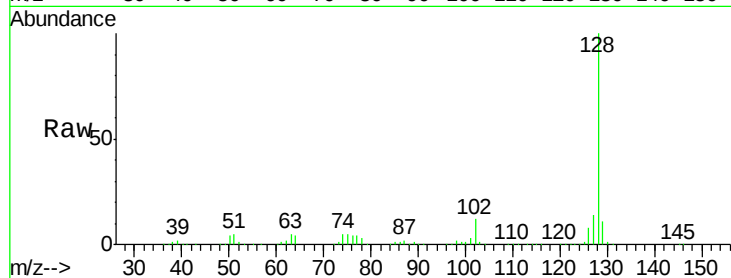
Tgt Ion:128 Resp: 3909240

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

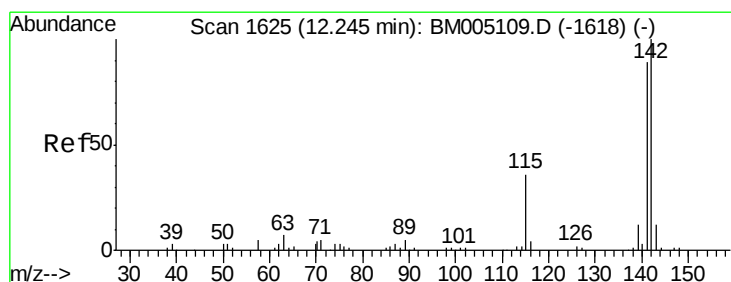
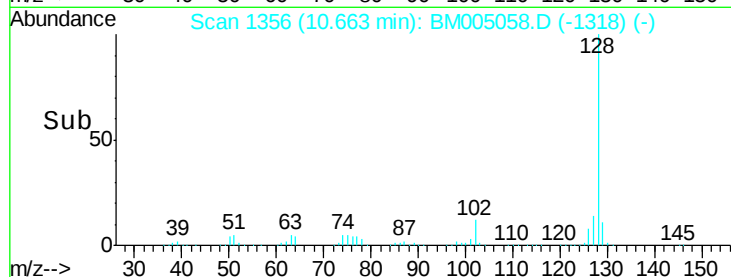
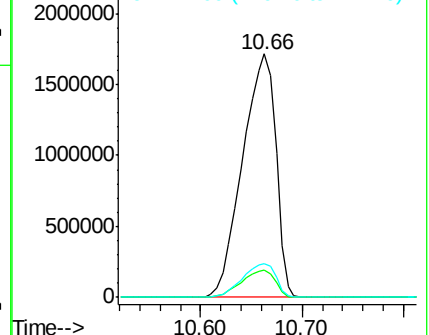
127 13.8 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 114.67 ng/ul

RT: 12.26 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BM005058.D

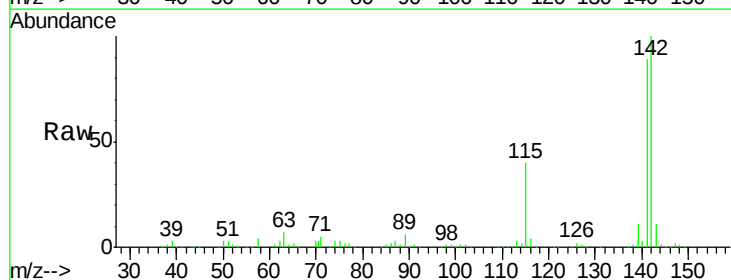
Acq: 25 Apr 2016 22:52

Tgt Ion:142 Resp: 651749

Ion Ratio Lower Upper

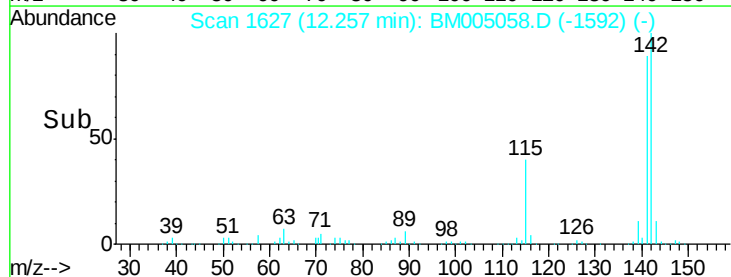
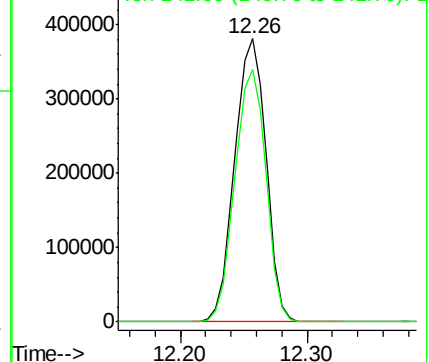
142 100

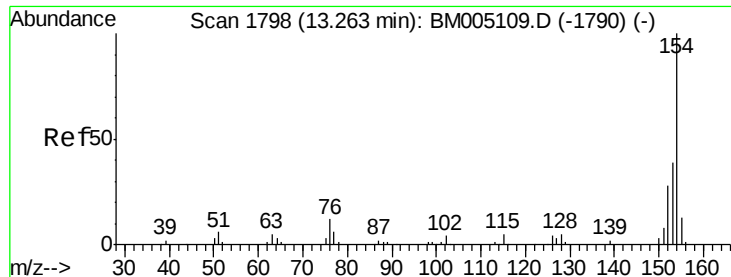
141 89.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

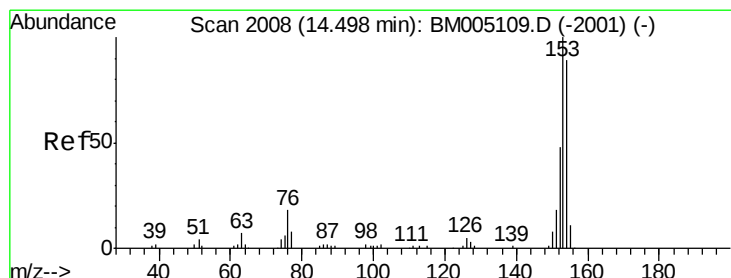
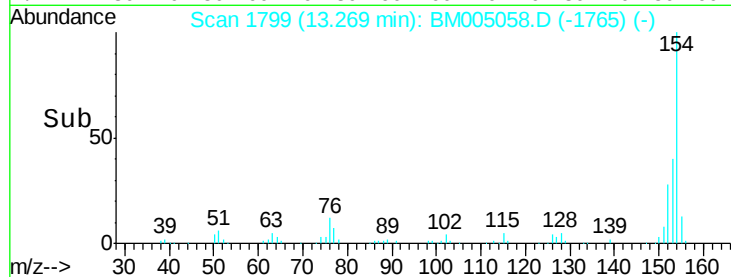
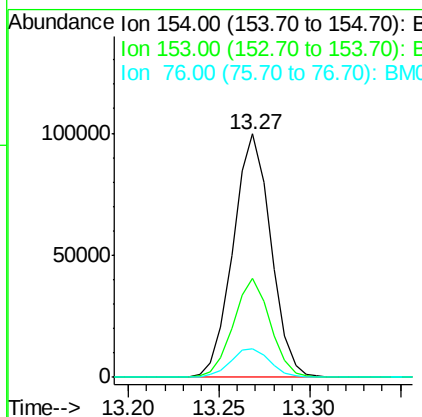
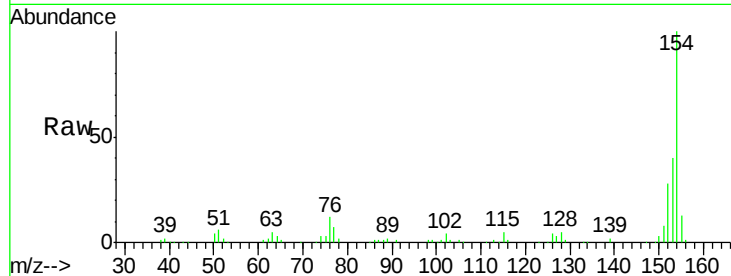




#40
 1,1'-Biphenyl
 Concen: 15.87 ng/ul
 RT: 13.27 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: BM005058.D
 Acq: 25 Apr 2016 22:52

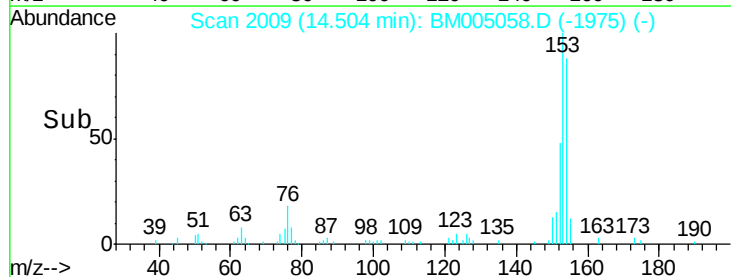
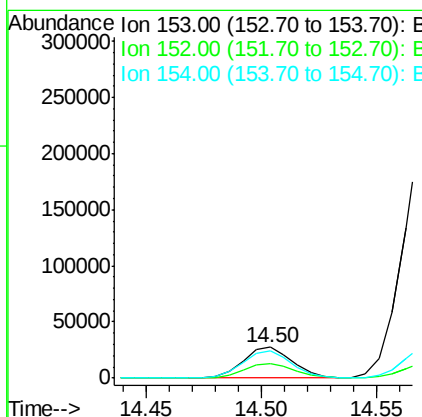
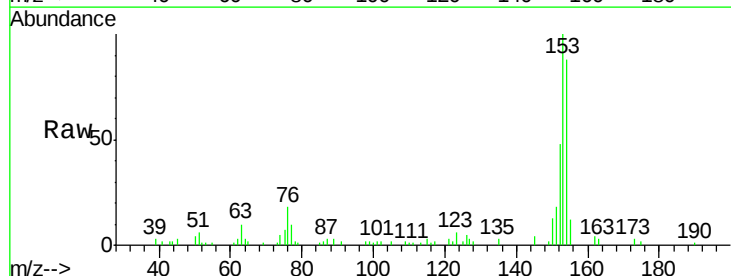
Instrument :
 BNA_M
 ClientSampleId :
 BC7M0

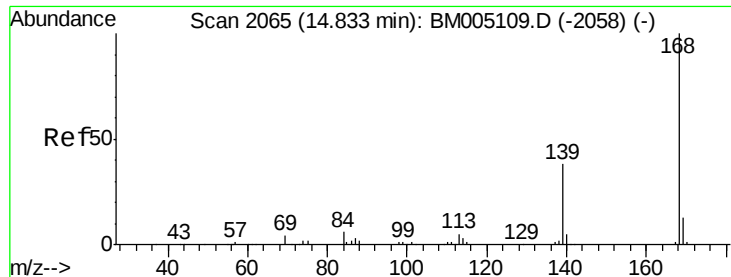
Tgt Ion:154 Resp: 144318
 Ion Ratio Lower Upper
 154 100
 153 40.4 31.5 47.3
 76 11.9 10.1 15.1



#49
 Acenaphthene
 Concen: 5.48 ng/ul
 RT: 14.50 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BM005058.D
 Acq: 25 Apr 2016 22:52

Tgt Ion:153 Resp: 41211
 Ion Ratio Lower Upper
 153 100
 152 47.8 37.7 56.5
 154 88.2 71.4 107.2

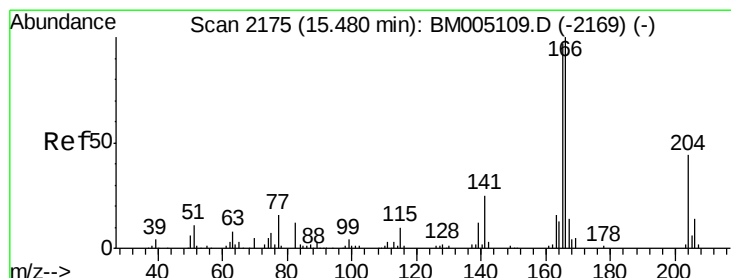
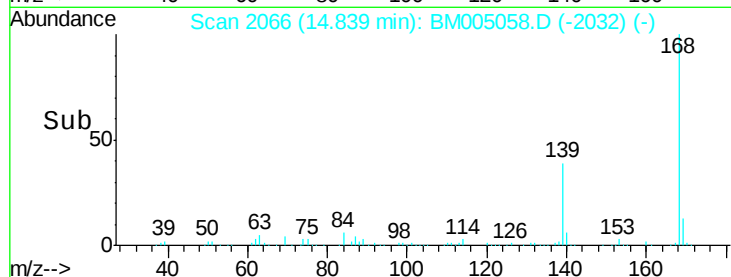
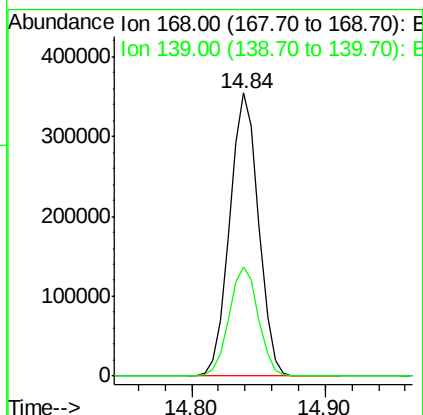
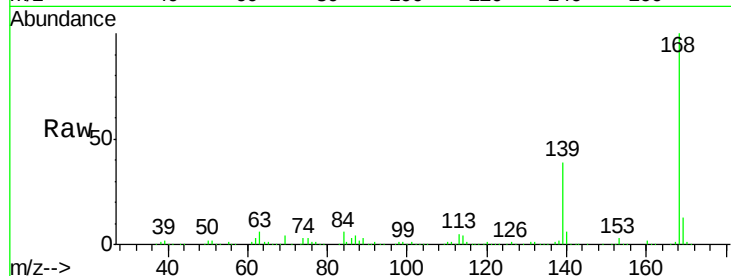




#53
Dibenzenofuran
Concen: 48.17 ng/ul
RT: 14.84 min Scan# 2066
Delta R.T. 0.00 min
Lab File: BM005058.D
Acq: 25 Apr 2016 22:52

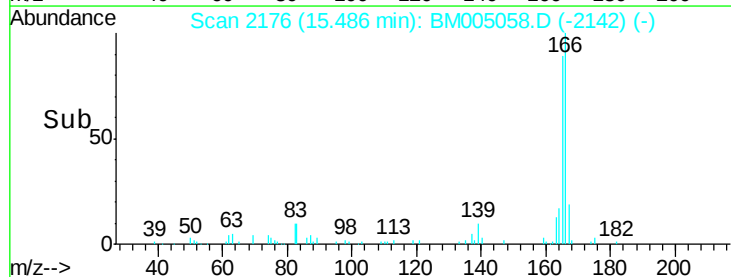
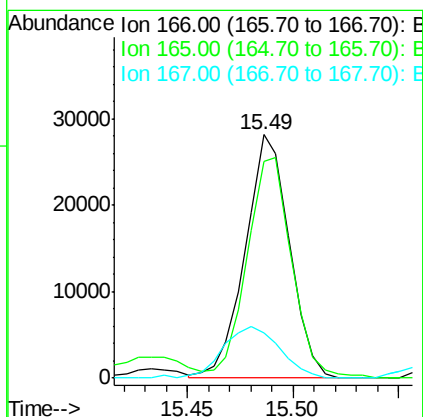
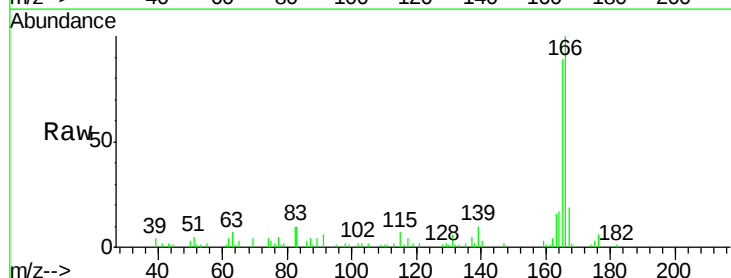
Instrument :
BNA_M
ClientSampleId :
BC7M0

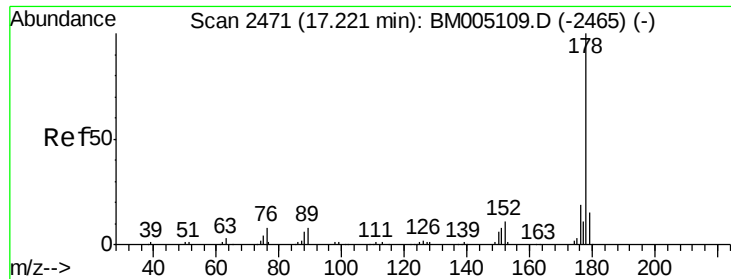
Tgt Ion:168 Resp: 534703
Ion Ratio Lower Upper
168 100
139 38.8 29.9 44.9



#58
Fluorene
Concen: 4.77 ng/ul
RT: 15.49 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BM005058.D
Acq: 25 Apr 2016 22:52

Tgt Ion:166 Resp: 41081
Ion Ratio Lower Upper
166 100
165 89.2 77.7 116.5
167 18.8 10.9 16.3#





#69

Phenanthrene

Concen: 4.90 ng/ul

RT: 17.23 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

Instrument :

BNA_M

ClientSampleId :

BC7M0

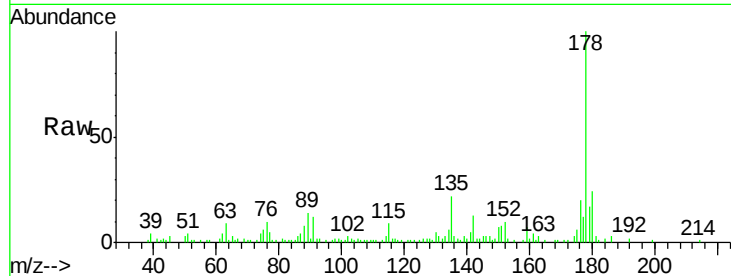
Tgt Ion:178 Resp: 64687

Ion Ratio Lower Upper

178 100

179 17.5 11.8 17.8

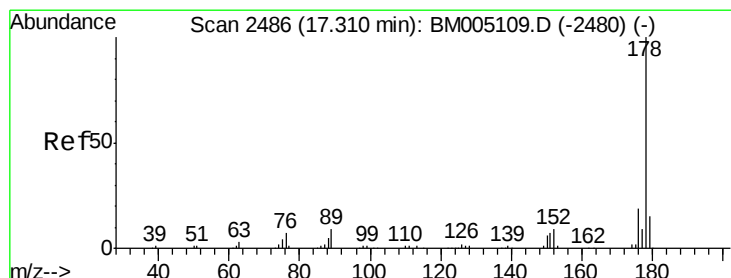
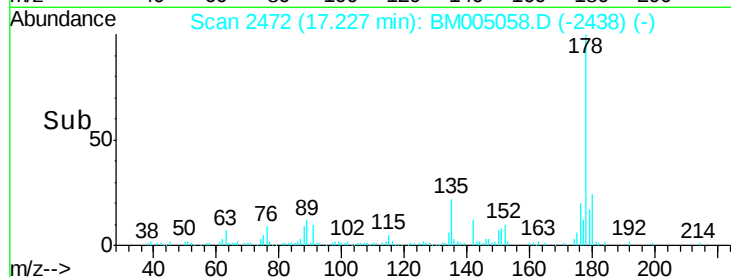
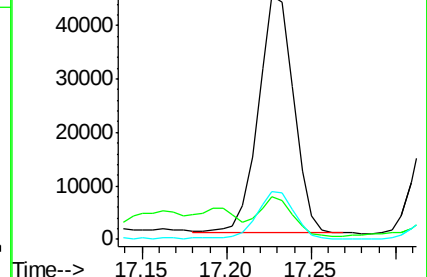
176 19.5 15.2 22.8



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



#71

Anthracene

Concen: 2.25 ng/ul

RT: 17.32 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

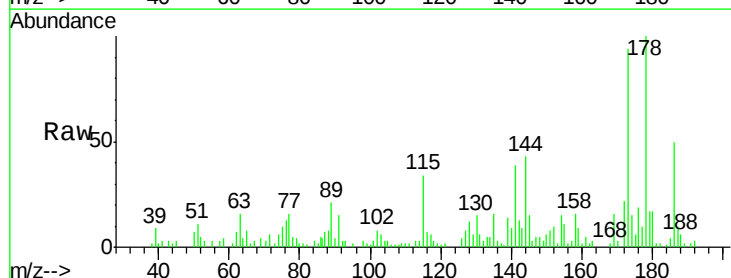
Tgt Ion:178 Resp: 29953

Ion Ratio Lower Upper

178 100

179 17.3 12.1 18.1

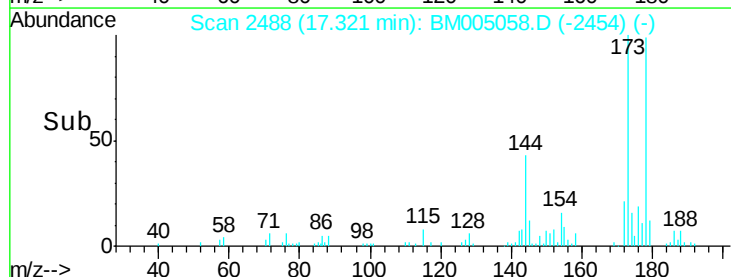
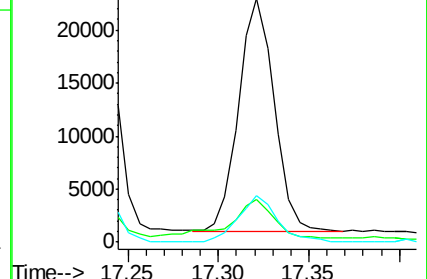
176 19.3 14.6 22.0

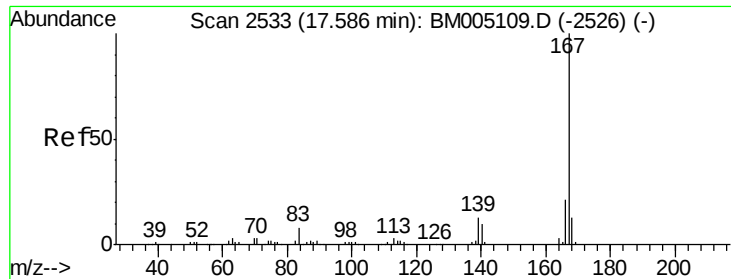


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

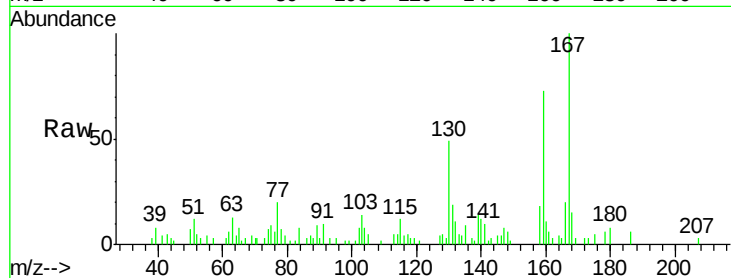




#72
 Carbazole
 Concen: 1.72 ng/ul
 RT: 17.59 min Scan# 2534
 Delta R.T. 0.00 min
 Lab File: BM005058.D
 Acq: 25 Apr 2016 22:52

Instrument :
 BNA_M
 ClientSampleId :
 BC7M0

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.4	16.6	25.0
139	14.2	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

