

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005269.D
 Acq On : 06 May 2016 14:41
 Operator : UM/SJ
 Sample : H2813-07DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7R9DL

Quant Time: May 06 15:38:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 04:26:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	83394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	408060	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	283464	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	696409	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	814320	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	759131	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	6.95	99	2296	0.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	10041	2.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	9070	1.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	5339	0.85	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	5283	1.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	5535	1.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	10893	1.78	ng/ul	0.01
29) 4-Chloroaniline-d4	10.73	131	1133	0.15	ng/ul	0.03
43) Dimethylphthalate-d6	13.82	166	54198	2.39	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	61902	2.32	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.40	176	54074	2.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	2866	0.73	ng/ul	0.00
70) Anthracene-d10	17.26	188	85116	2.76	ng/ul	0.00
76) Pyrene-d10	19.56	212	100489	2.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	87523	2.60	ng/ul	-0.01

Target Compounds

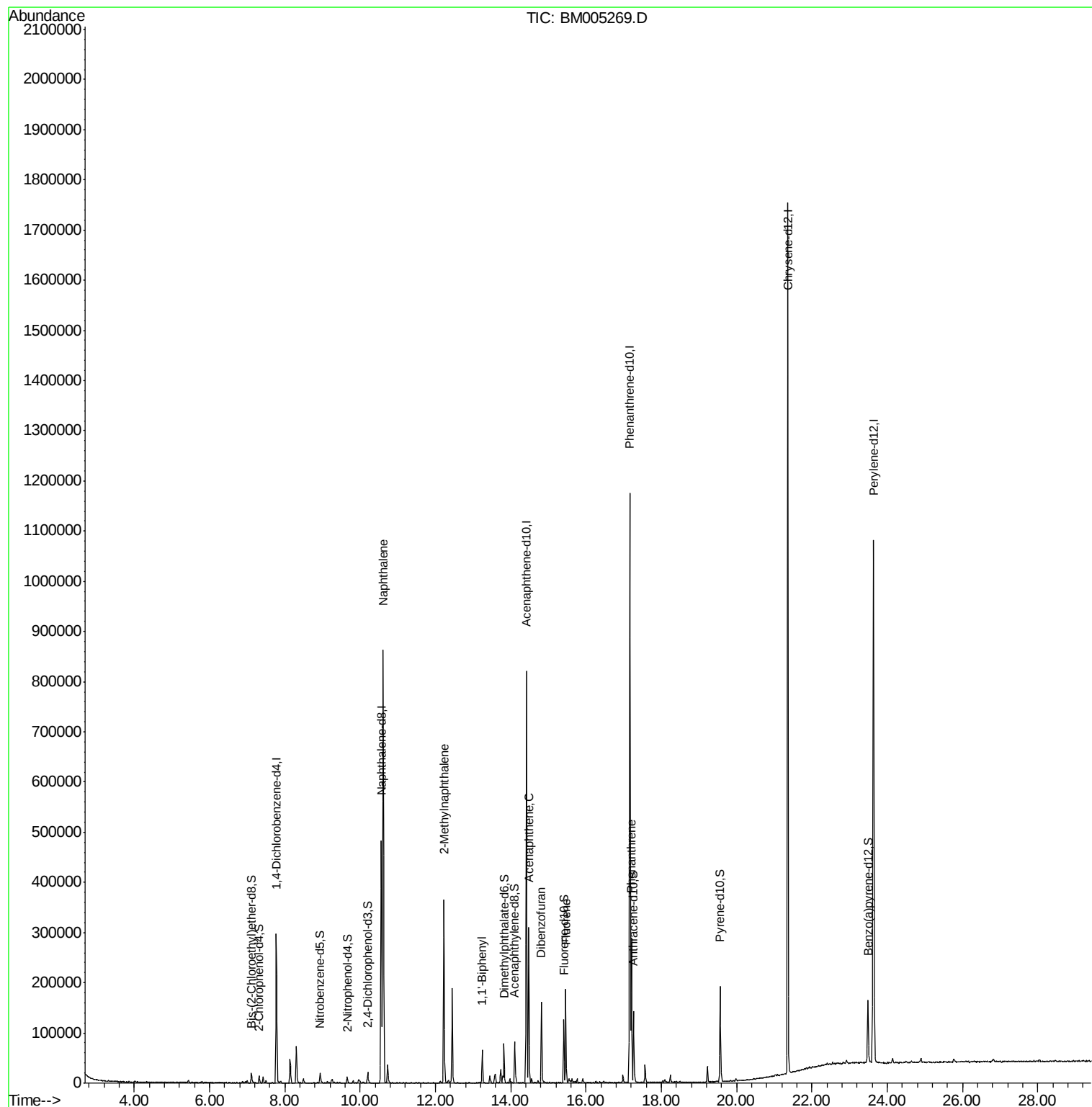
						Qvalue
28) Naphthalene	10.61	128	718826	35.01	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	176796	11.51	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	38061	1.69	ng/ul	100
49) Acenaphthene	14.47	153	125698	6.77	ng/ul	100
53) Dibenzofuran	14.81	168	110481	4.10	ng/ul	99
58) Fluorene	15.46	166	79850	3.79	ng/ul	99
69) Phenanthrene	17.20	178	175070	4.78	ng/ul	100

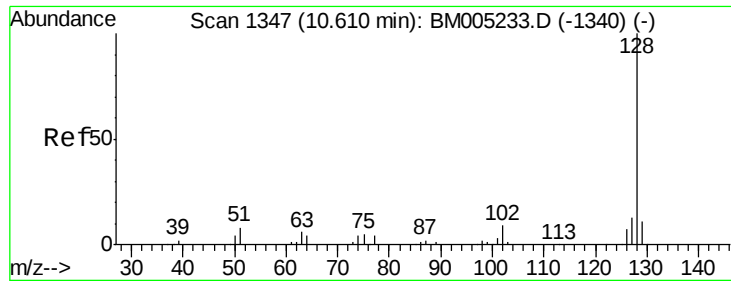
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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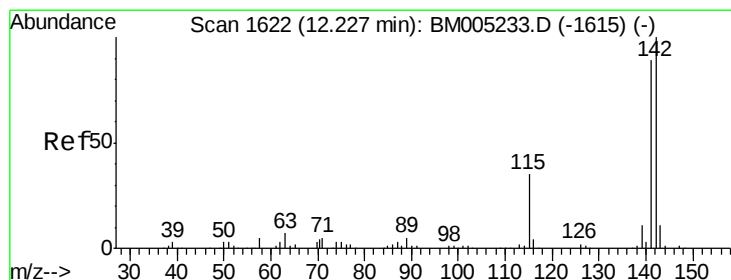
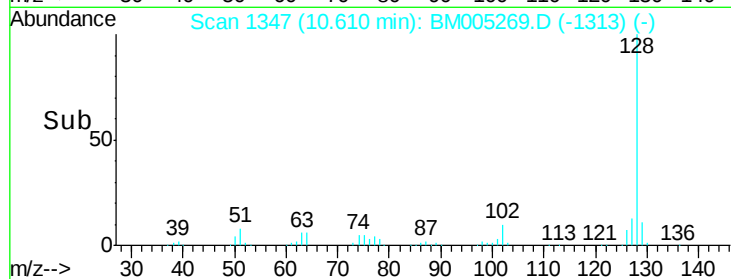
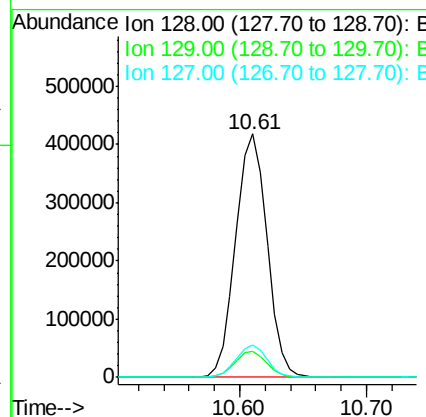
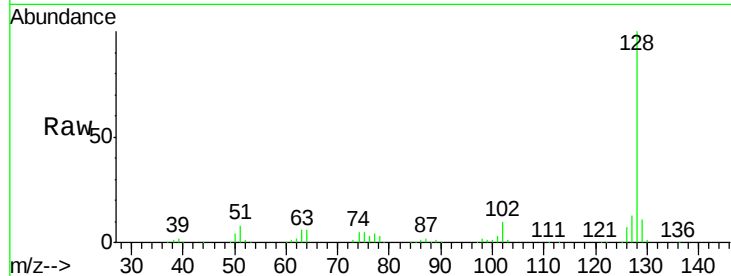




#28
Naphthalene
Concen: 35.01 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BM005269.D
Acq: 06 May 2016 14:41

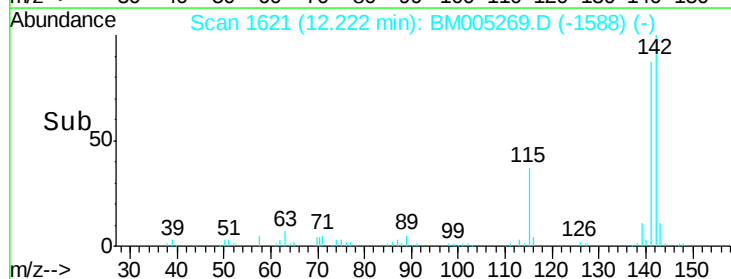
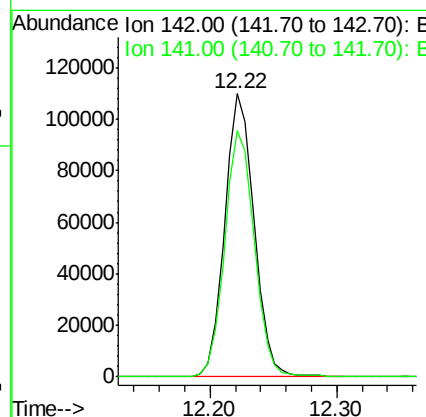
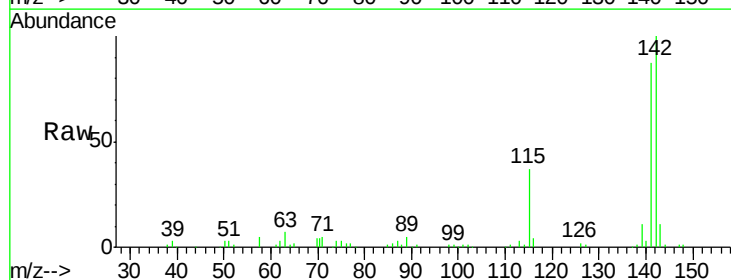
Instrument :
BNA_M
ClientSampleId :
BC7R9DL

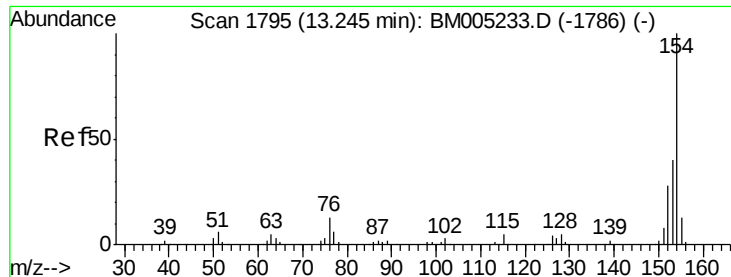
Tgt Ion:128 Resp: 718826
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.2 10.8 16.2



#34
2-Methylnaphthalene
Concen: 11.51 ng/ul
RT: 12.22 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BM005269.D
Acq: 06 May 2016 14:41

Tgt Ion:142 Resp: 176796
Ion Ratio Lower Upper
142 100
141 87.1 71.3 106.9

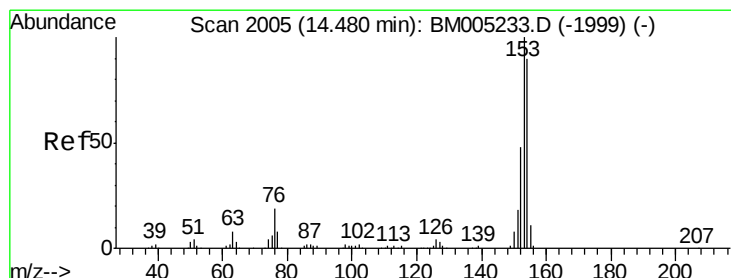
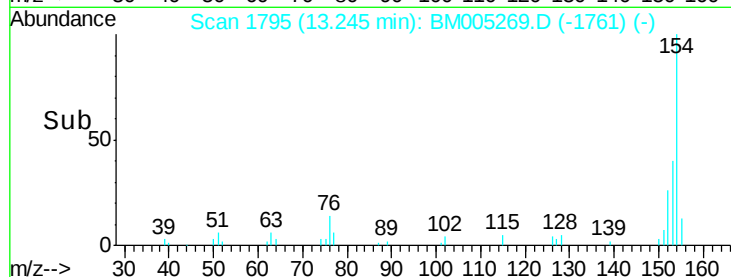
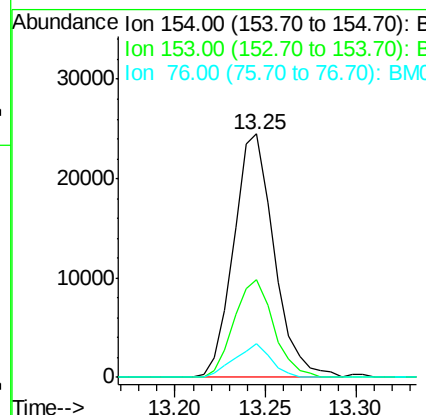
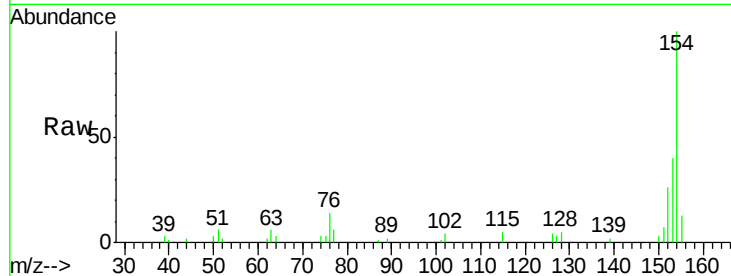




#40
1,1'-Biphenyl
Concen: 1.69 ng/ul
RT: 13.25 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BM005269.D
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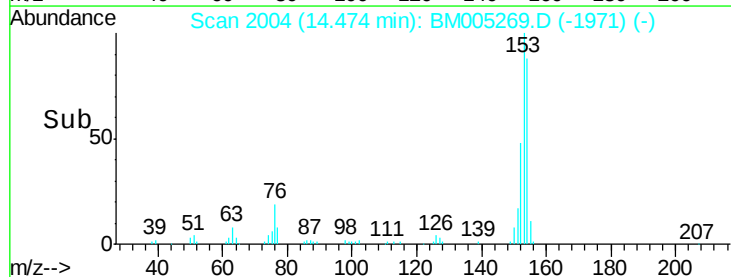
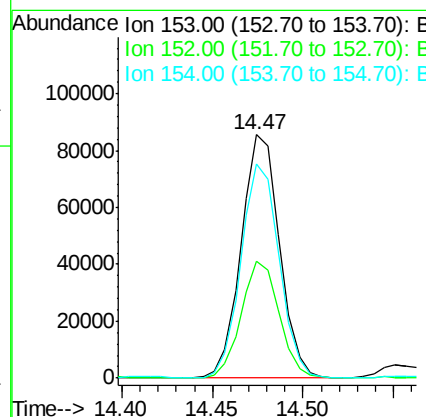
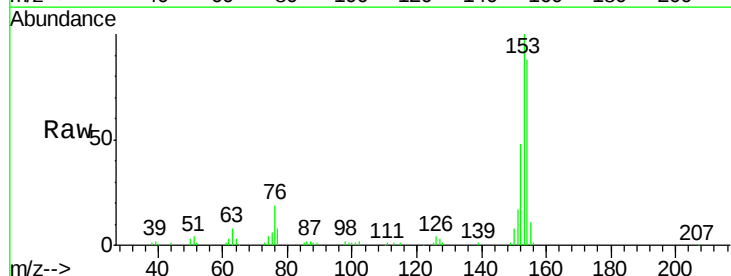
Instrument :
BNA_M
ClientSampleId :
BC7R9DL

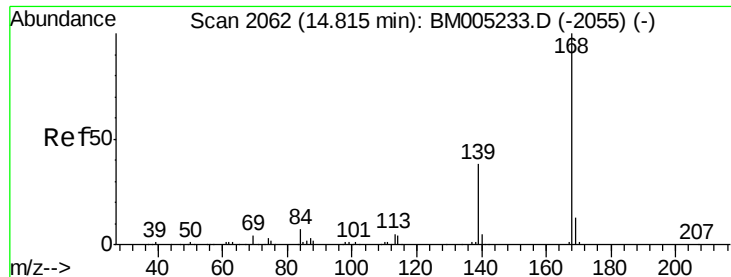
Tgt Ion:154 Resp: 38061
Ion Ratio Lower Upper
154 100
153 39.9 32.1 48.1
76 13.6 10.6 15.8



#49
Acenaphthene
Concen: 6.77 ng/ul
RT: 14.47 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BM005269.D
Acq: 06 May 2016 14:41

Tgt Ion:153 Resp: 125698
Ion Ratio Lower Upper
153 100
152 48.2 38.9 58.3
154 88.1 70.3 105.5

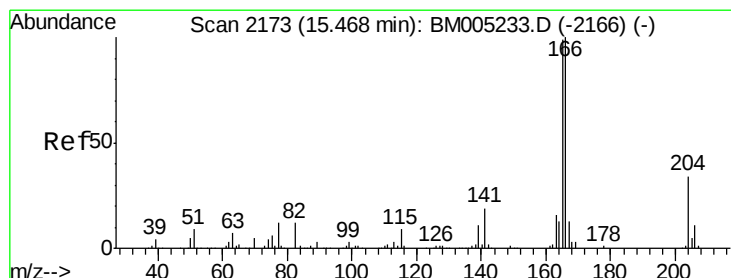
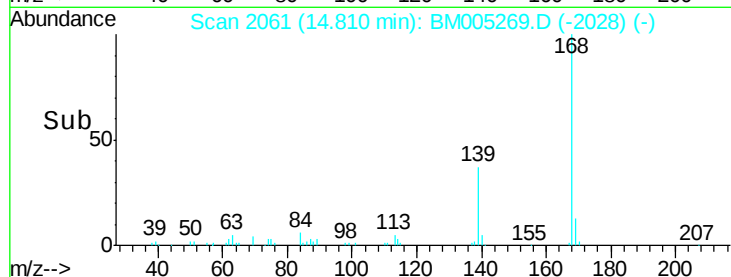
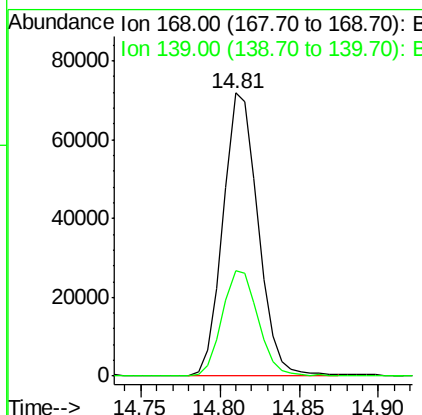
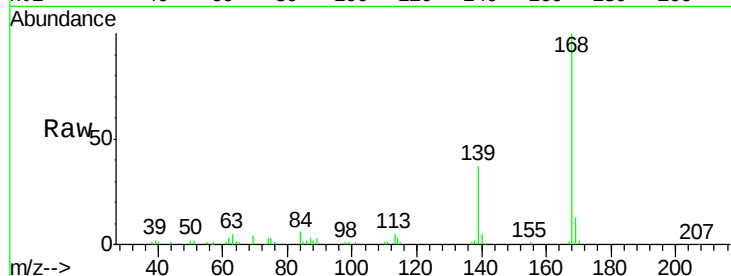




#53
Dibenzenofuran
Concen: 4.10 ng/ul
RT: 14.81 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM005269.D
Acq: 06 May 2016 14:41

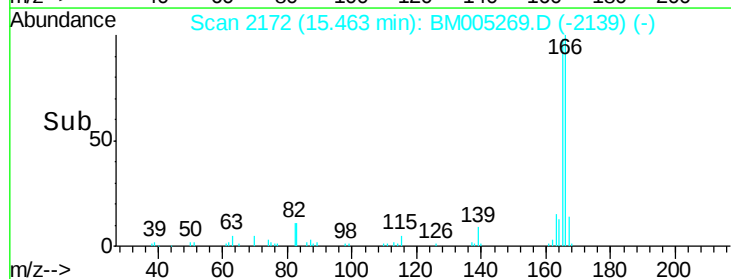
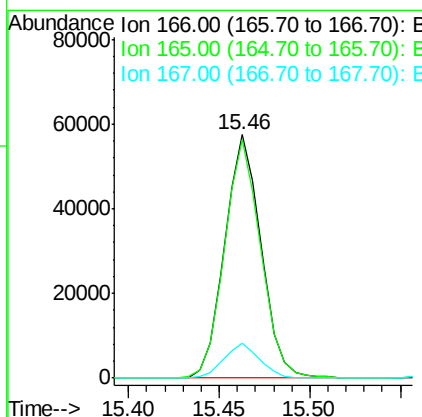
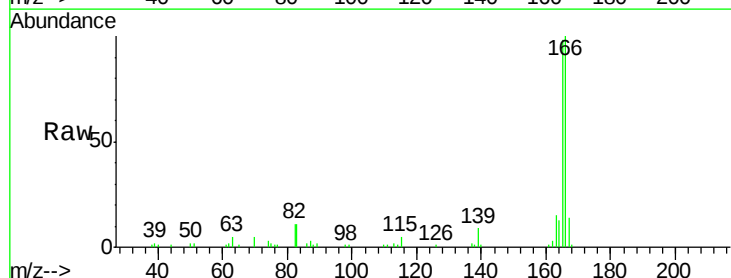
Instrument :
BNA_M
ClientSampleId :
BC7R9DL

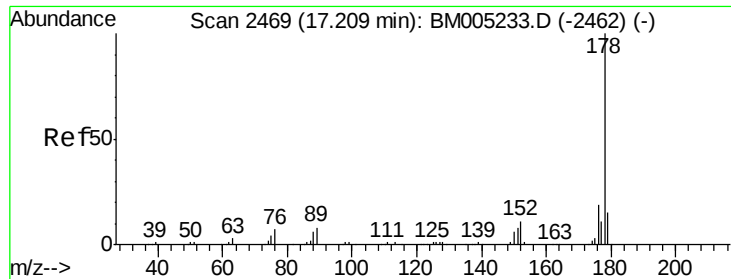
Tgt Ion:168 Resp: 110481
Ion Ratio Lower Upper
168 100
139 37.3 30.3 45.5



#58
Fluorene
Concen: 3.79 ng/ul
RT: 15.46 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM005269.D
Acq: 06 May 2016 14:41

Tgt Ion:166 Resp: 79850
Ion Ratio Lower Upper
166 100
165 98.2 77.9 116.9
167 14.3 10.6 16.0





#69

Phenanthrene

Concen: 4.78 ng/ul

RT: 17.20 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BM005269.D

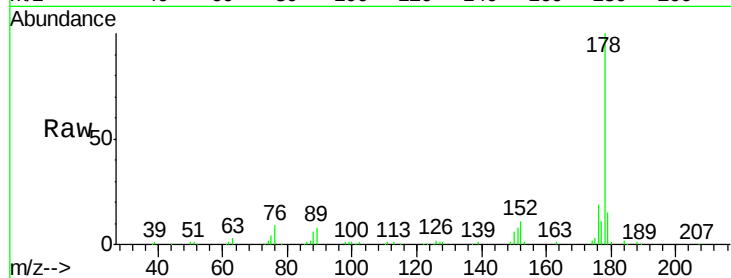
Acq: 06 May 2016 14:41

Instrument :

BNA_M

ClientSampleId :

BC7R9DL



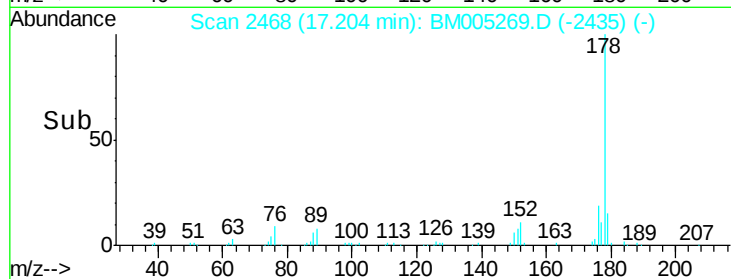
Tgt Ion:178 Resp: 175070

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.7 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

