

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
 Data File : BM005310.D
 Acq On : 07 May 2016 15:32
 Operator : UM/SJ
 Sample : H2813-02DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M7DL

Quant Time: May 08 01:36:35 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 07 07:05:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	68711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	344695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	239187	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	590904	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	698704	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	648488	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	6.96	99	1497	0.24	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	7916	2.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	7365	1.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	3996	0.78	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	4251	1.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	4402	1.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	9184	1.77	ng/ul	0.01
29) 4-Chloroaniline-d4	10.71	131	354	0.06	ng/ul	0.01
43) Dimethylphthalate-d6	13.82	166	46354	2.42	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	53114	2.36	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.40	176	47546	2.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	2960	0.89	ng/ul	0.00
70) Anthracene-d10	17.26	188	75523	2.89	ng/ul	0.00
76) Pyrene-d10	19.56	212	89997	2.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	77874	2.71	ng/ul	0.00

Target Compounds

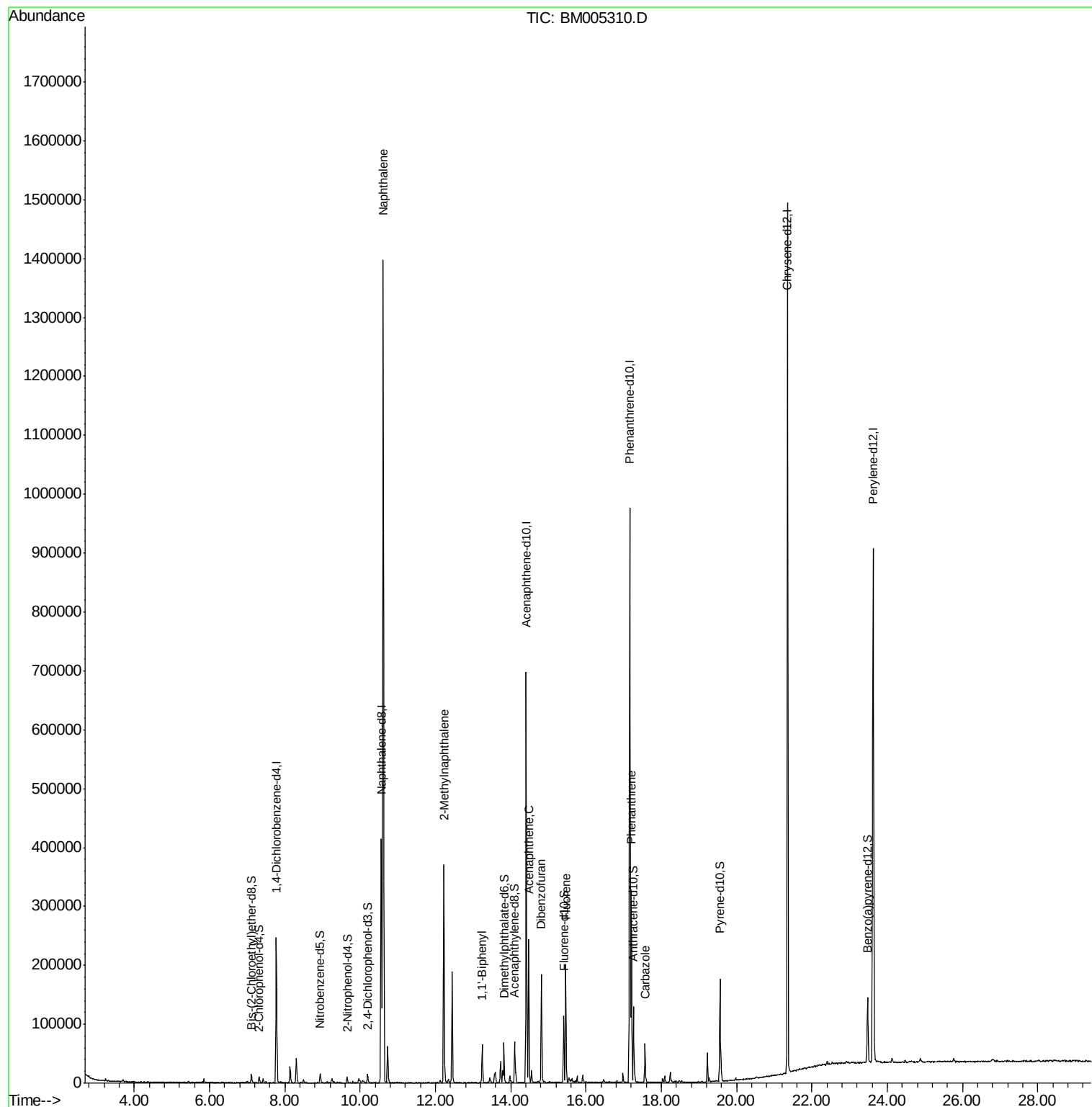
						Ovalue
28) Naphthalene	10.61	128	1180164	68.05	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	180000	13.88	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	37648	1.99	ng/ul	98
49) Acenaphthene	14.47	153	98140	6.26	ng/ul	100
53) Dibenzofuran	14.81	168	121386	5.34	ng/ul	100
58) Fluorene	15.46	166	91798	5.16	ng/ul	98
69) Phenanthrene	17.20	178	203996	6.57	ng/ul	99
72) Carbazole	17.57	167	46417	1.70	ng/ul	98

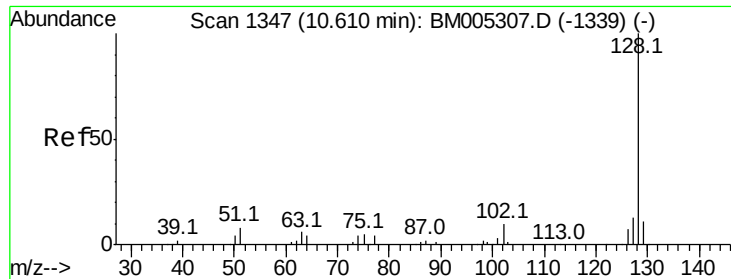
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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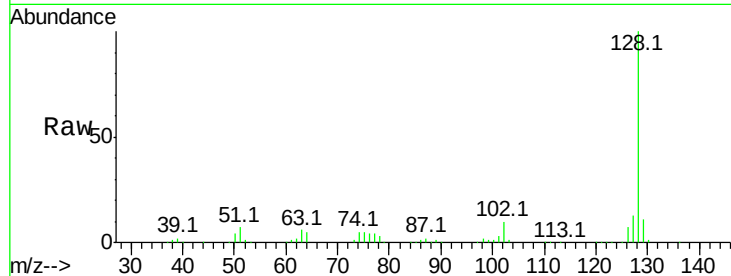




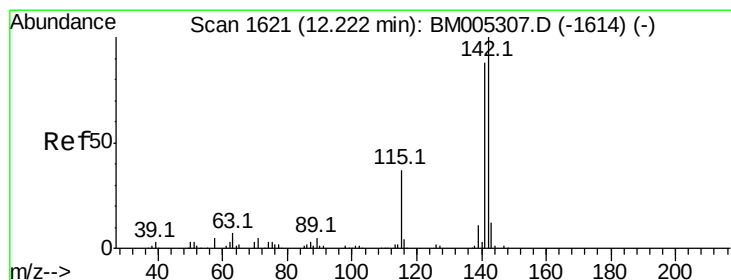
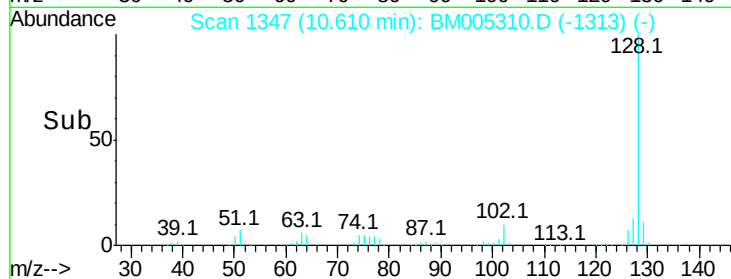
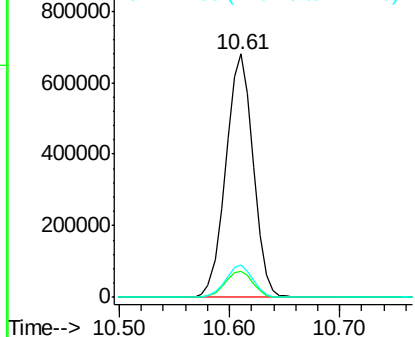
#28
Naphthalene
Concen: 68.05 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BM005310.D
Acq: 07 May 2016 15:32

Instrument :
BNA_M
ClientSampleId :
BC7M7DL

Tot Ion:128 Resp: 1180164
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.1 10.8 16.2

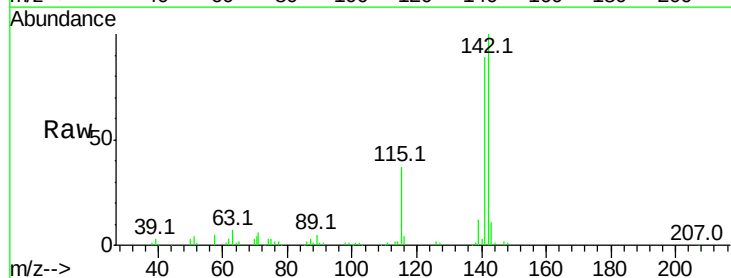


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

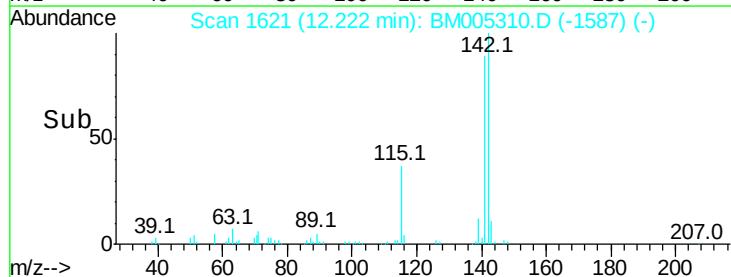
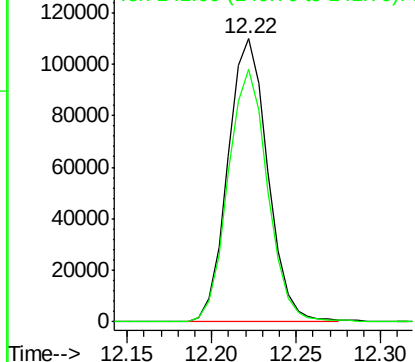


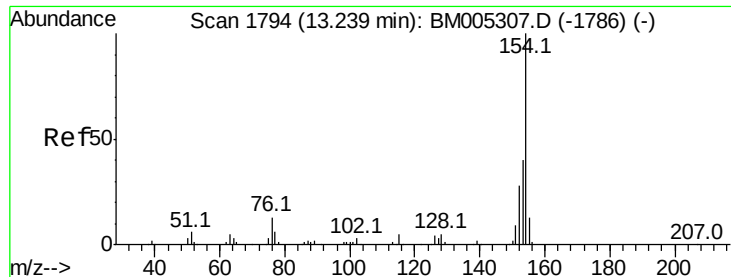
#34
2-Methylnaphthalene
Concen: 13.88 ng/ul
RT: 12.22 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BM005310.D
Acq: 07 May 2016 15:32

Tgt Ion:142 Resp: 180000
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9



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

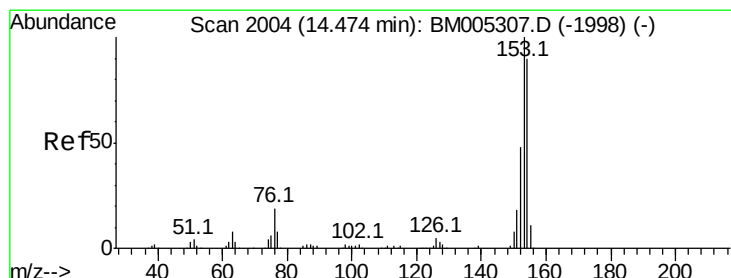
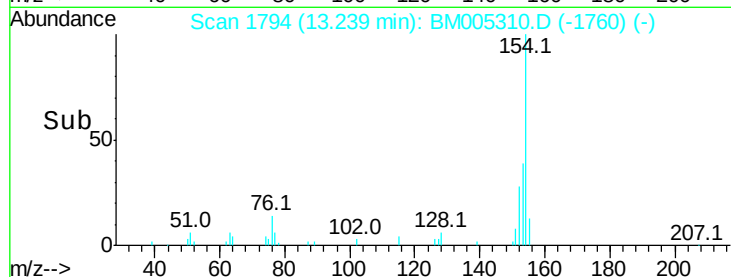
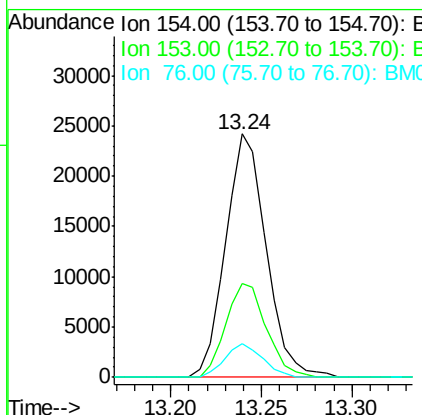
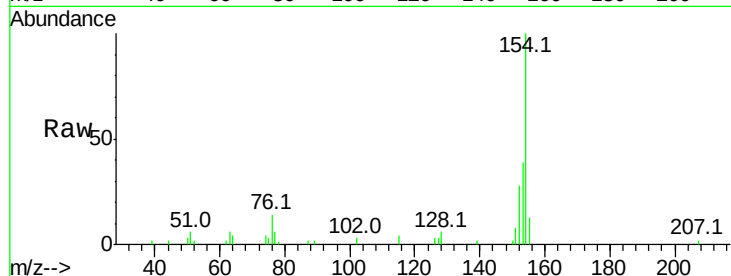




#40
 1,1'-Biphenyl
 Concen: 1.99 ng/ul
 RT: 13.24 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BM005310.D
 Acq: 07 May 2016 15:32

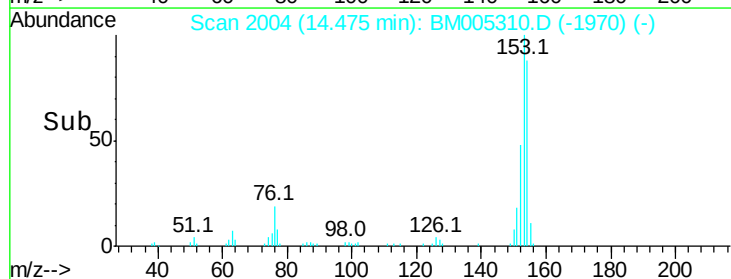
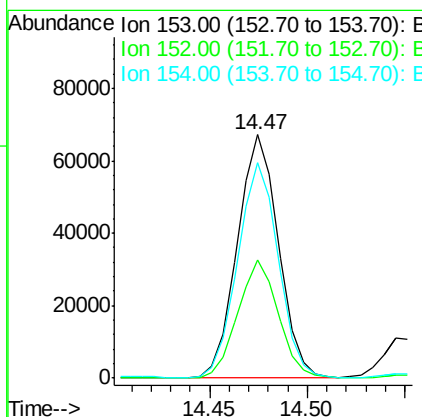
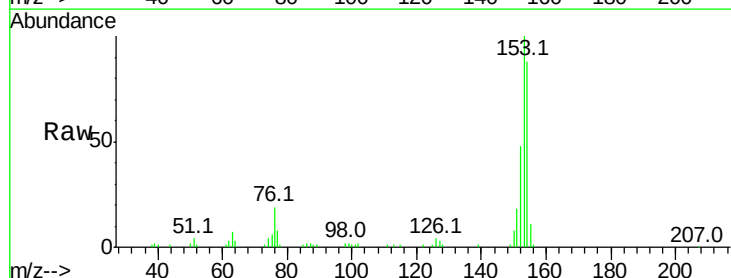
Instrument :
 BNA_M
 ClientSampleId :
 BC7M7DL

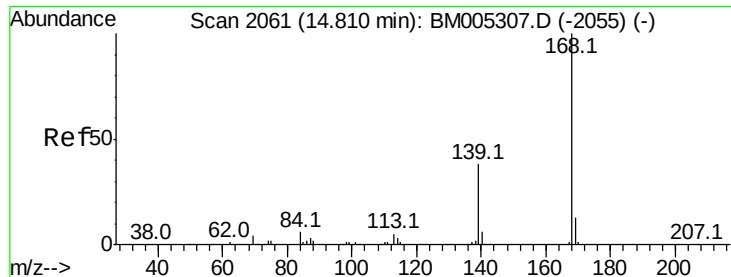
Tot Ion	Ratio	Lower	Upper
154	100		
153	38.7	32.1	48.1
76	14.0	10.6	15.8



#49
 Acenaphthene
 Concen: 6.26 ng/ul
 RT: 14.47 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BM005310.D
 Acq: 07 May 2016 15:32

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.9	58.3
154	88.4	70.3	105.5

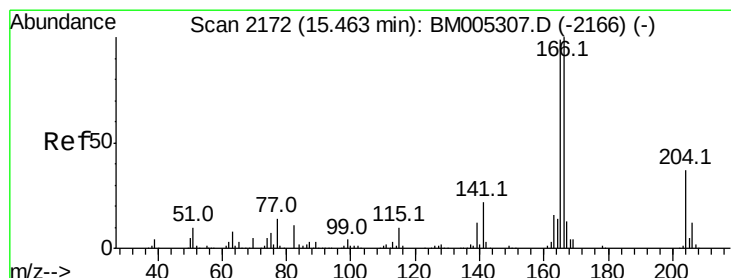
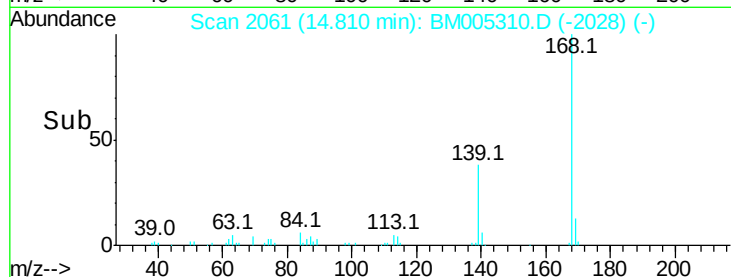
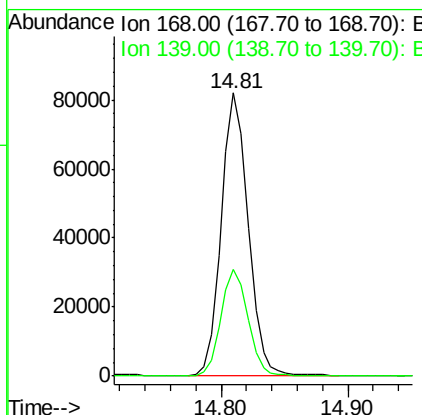
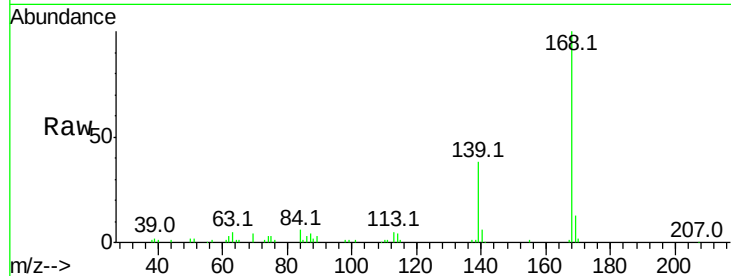




#53
Dibenzenofuran
Concen: 5.34 ng/ul
RT: 14.81 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM005310.D
Acq: 07 May 2016 15:32

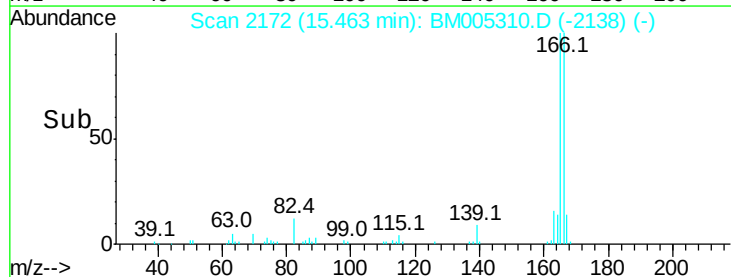
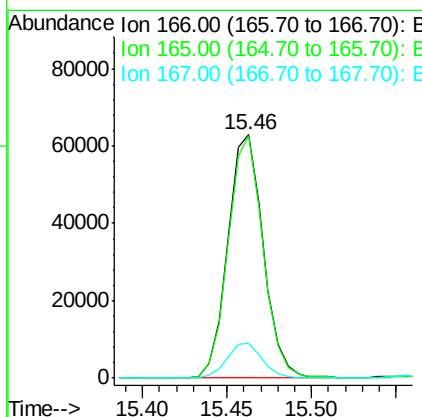
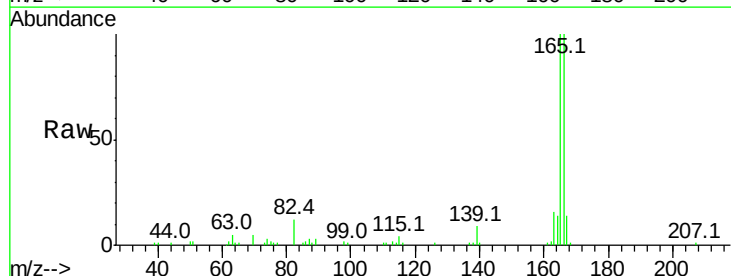
Instrument :
BNA_M
ClientSampleId :
BC7M7DL

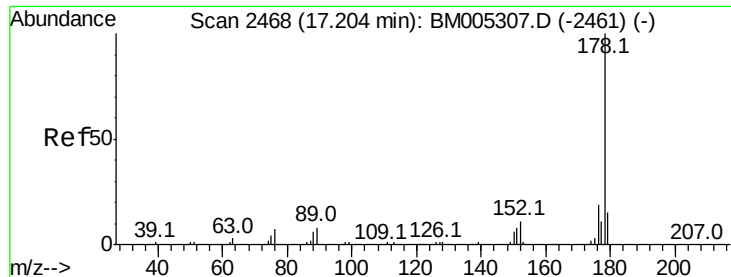
Tot Ion:168 Resp: 121386
Ion Ratio Lower Upper
168 100
139 37.8 30.3 45.5



#58
Fluorene
Concen: 5.16 ng/ul
RT: 15.46 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM005310.D
Acq: 07 May 2016 15:32

Tgt Ion:166 Resp: 91798
Ion Ratio Lower Upper
166 100
165 99.8 77.9 116.9
167 14.2 10.6 16.0





#69

Phenanthrene

Concen: 6.57 ng/ul

RT: 17.20 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BM005310.D

Acq: 07 May 2016 15:32

Instrument :

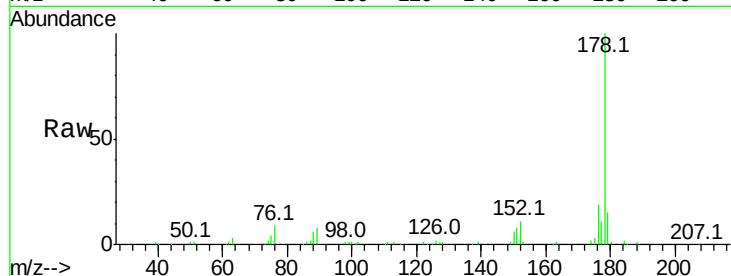
BNA_M

ClientSampleId :

BC7M7DL

Tot Ion:178 Resp: 203996

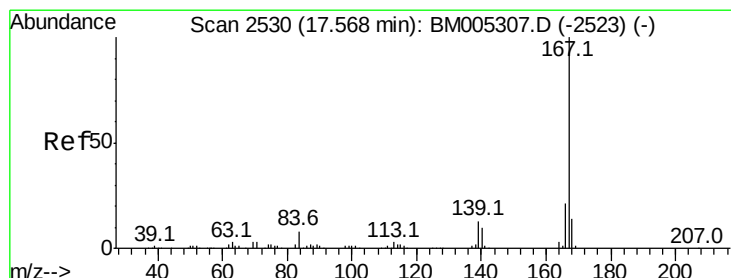
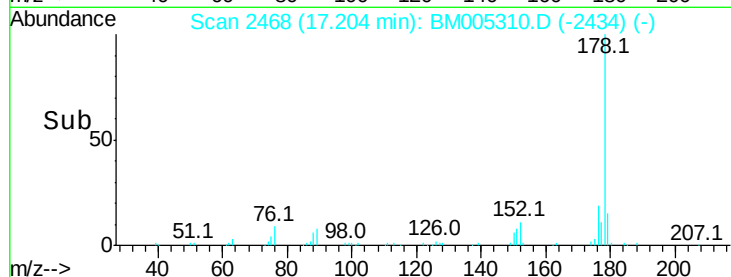
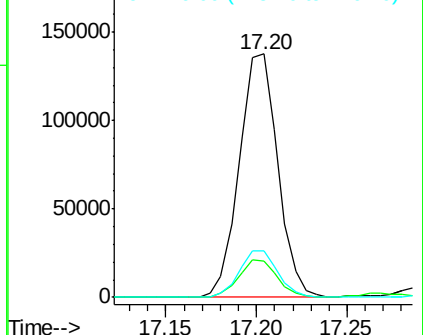
Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	19.3	15.2	22.8



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: 1.70 ng/ul

RT: 17.57 min Scan# 2530

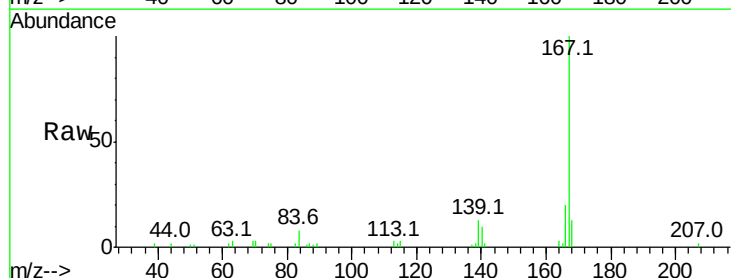
Delta R.T. 0.00 min

Lab File: BM005310.D

Acq: 07 May 2016 15:32

Tgt Ion:167 Resp: 46417

Ion	Ratio	Lower	Upper
167	100		
166	20.0	17.1	25.7
139	13.3	10.2	15.2



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

