

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
 Data File : BM005312.D
 Acq On : 07 May 2016 16:44
 Operator : UM/SJ
 Sample : H2813-01DL 20X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M6DL

Quant Time: May 08 01:45:09 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	70717	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	349116	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	243672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	601050	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	700407	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	634852	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	959	0.15	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.11	67	5190	1.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	4864	1.00	ng/ul	0.01
13) 4-Methylphenol-d8	8.49	113	2512	0.47	ng/ul	0.01
19) Nitrobenzene-d5	8.94	128	2606	1.05	ng/ul	0.01
22) 2-Nitrophenol-d4	9.65	143	2747	0.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	5515	1.05	ng/ul	0.02
29) 4-Chloroaniline-d4	10.73	131	230	0.04	ng/ul	0.04
43) Dimethylphthalate-d6	13.82	166	29698	1.52	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	34839	1.52	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.40	176	31194	1.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	1456	0.43	ng/ul	0.00
70) Anthracene-d10	17.26	188	49323	1.86	ng/ul	0.00
76) Pyrene-d10	19.56	212	57472	1.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	47766	1.70	ng/ul	0.00

Target Compounds

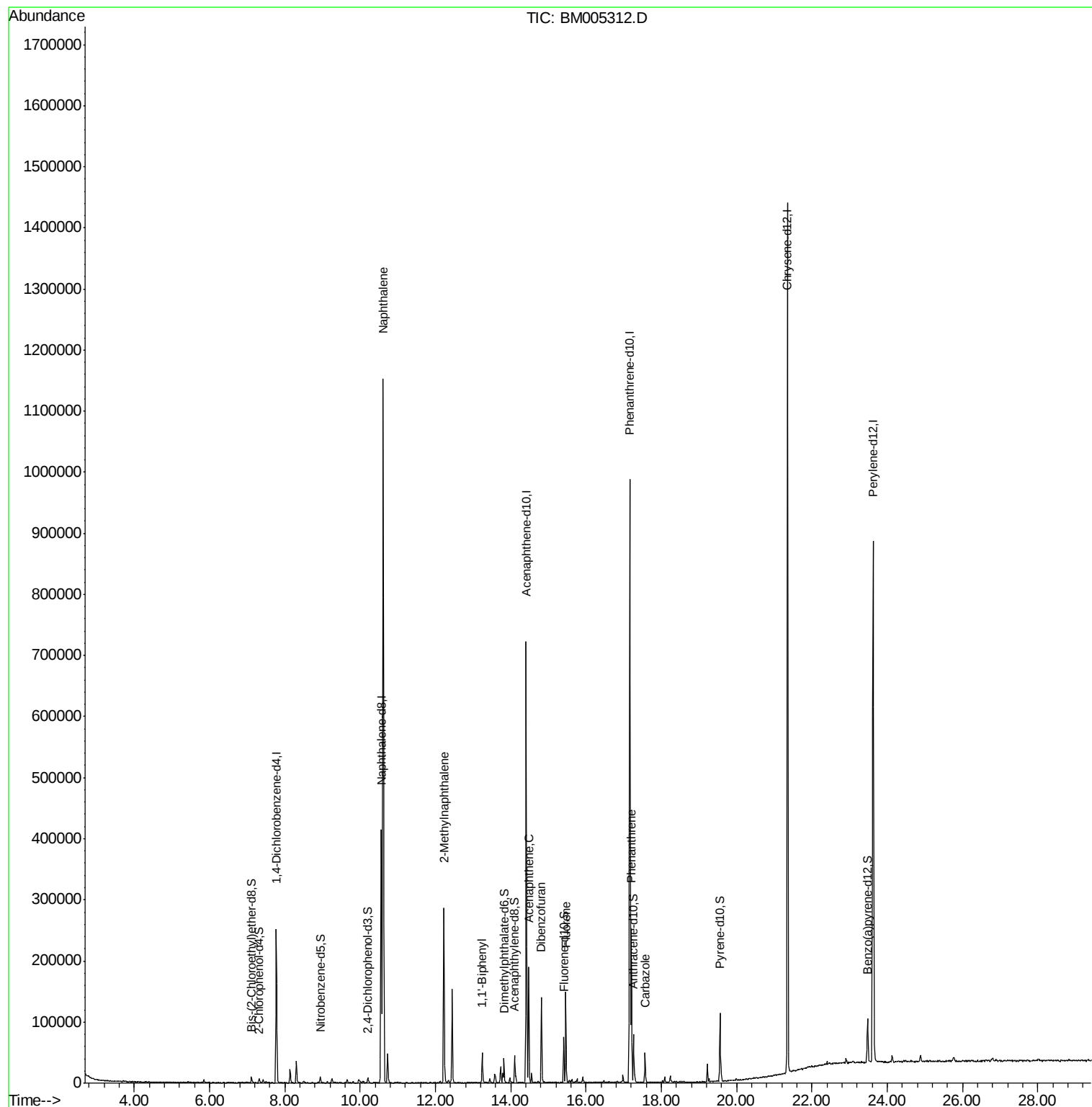
						Ovalue
28) Naphthalene	10.61	128	967960	55.11	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	142105	10.82	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	28801	1.49	ng/ul	98
49) Acenaphthene	14.47	153	75403	4.72	ng/ul	99
53) Dibenzofuran	14.81	168	93344	4.03	ng/ul	99
58) Fluorene	15.46	166	69674	3.85	ng/ul	98
69) Phenanthrene	17.20	178	150348	4.76	ng/ul	99
72) Carbazole	17.57	167	35288	1.27	ng/ul	99

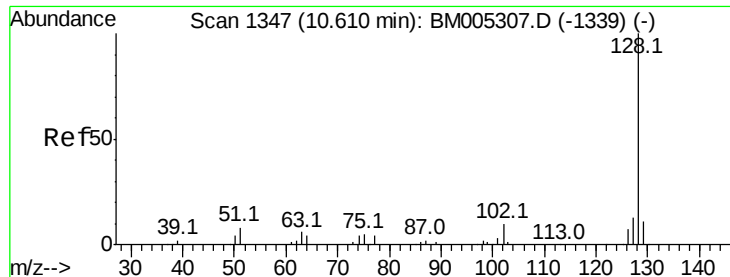
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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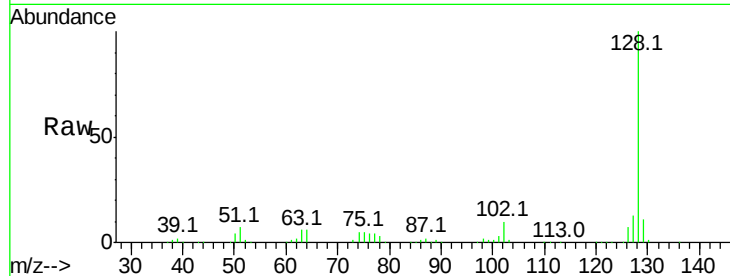




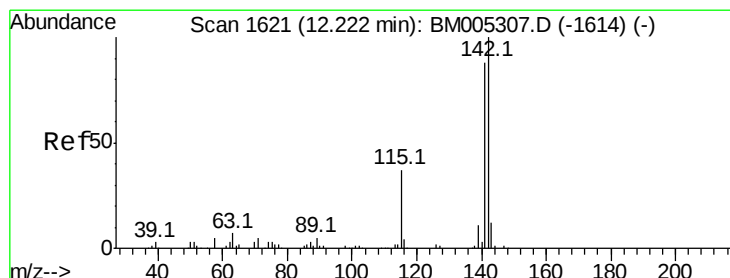
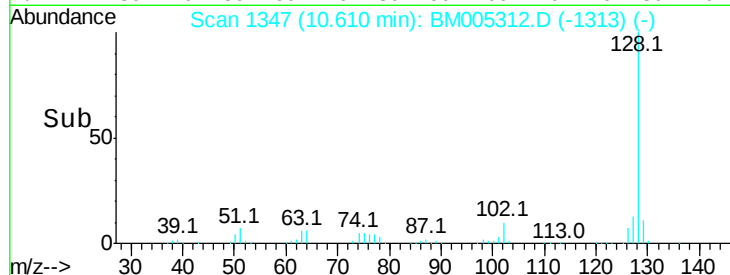
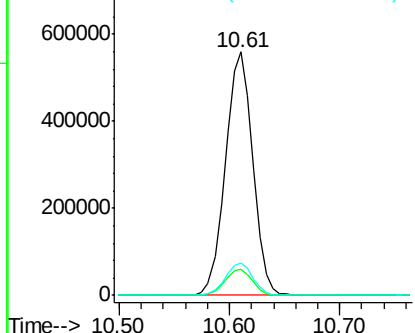
#28
Naphthalene
Concen: 55.11 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BM005312.D
Acq: 07 May 2016 16:44

Instrument :
BNA_M
ClientSampleId :
BC7M6DL

Tot Ion:128 Resp: 967960
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.2 10.8 16.2

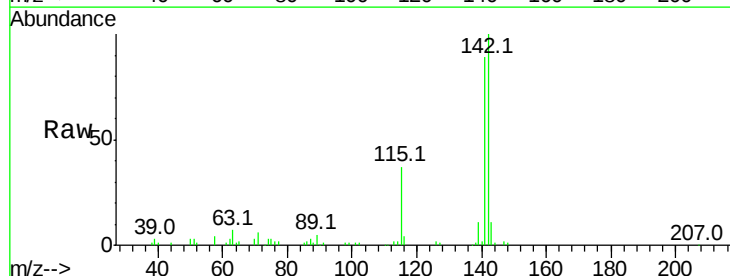


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

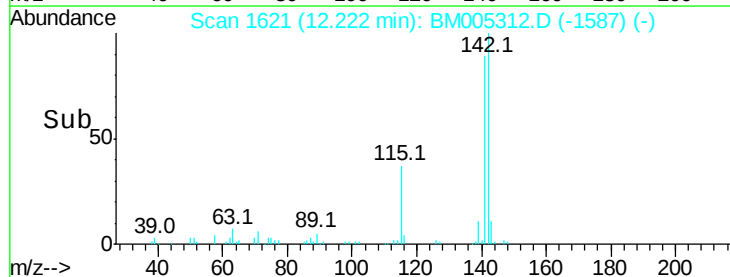
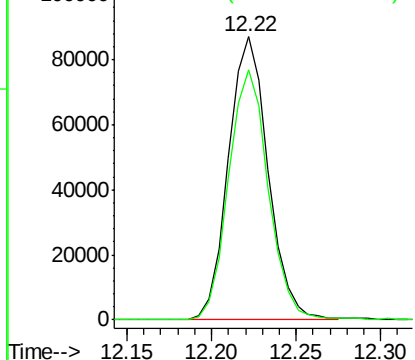


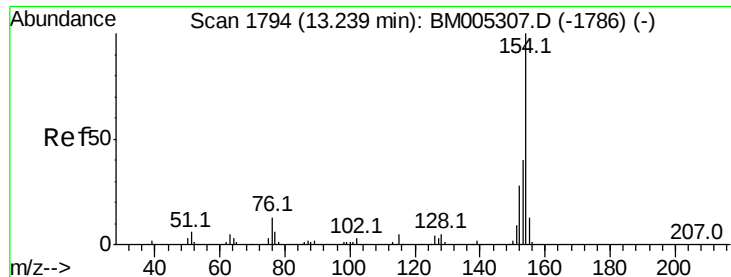
#34
2-Methylnaphthalene
Concen: 10.82 ng/ul
RT: 12.22 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BM005312.D
Acq: 07 May 2016 16:44

Tgt Ion:142 Resp: 142105
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9



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

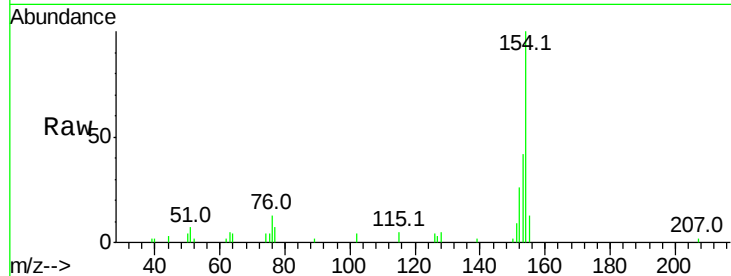




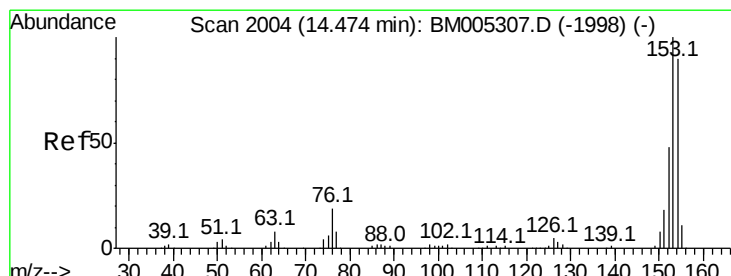
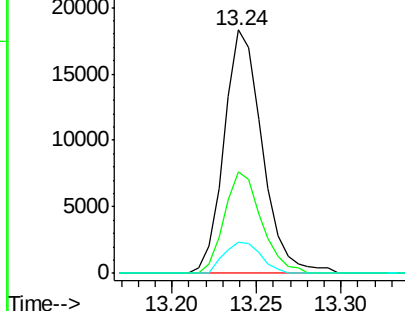
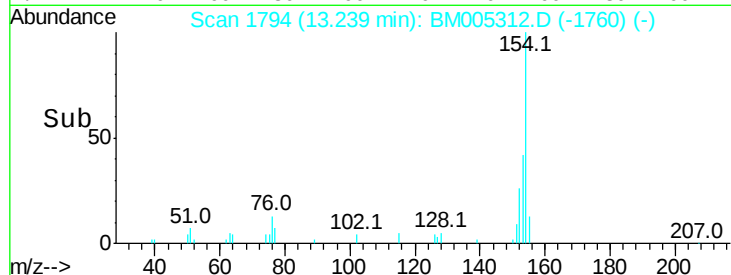
#40
 1,1'-Biphenyl
 Concen: 1.49 ng/ul
 RT: 13.24 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BM005312.D
 Acq: 07 May 2016 16:44

Instrument :
 BNA_M
 ClientSampleId :
 BC7M6DL

Tot Ion:154	Resp:	28801
Ion Ratio	Lower	Upper
154	100	
153	41.8	32.1 48.1
76	12.9	10.6 15.8

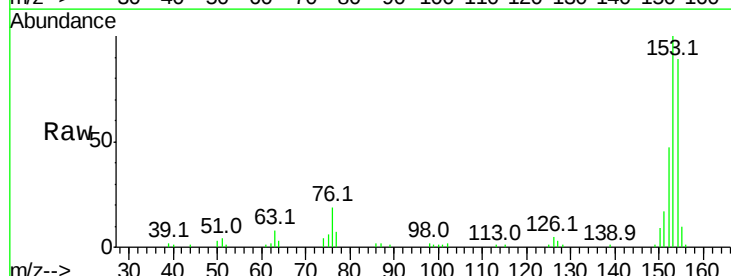


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

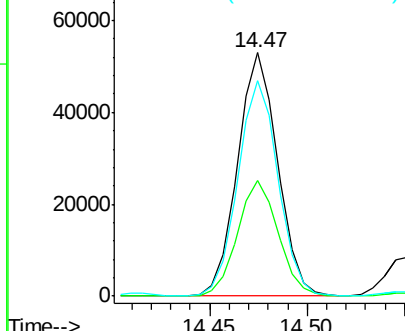
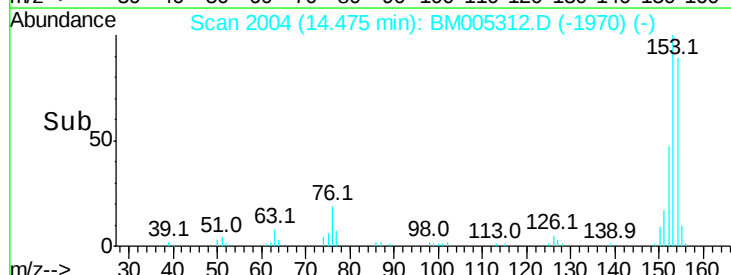


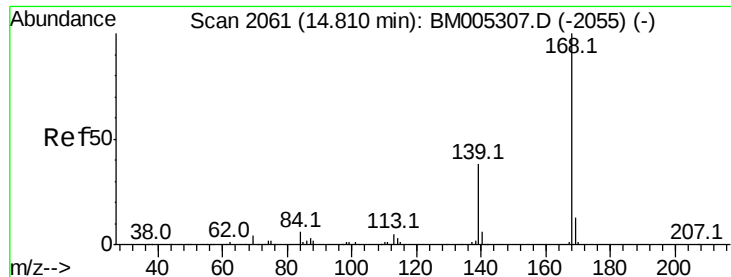
#49
 Acenaphthene
 Concen: 4.72 ng/ul
 RT: 14.47 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BM005312.D
 Acq: 07 May 2016 16:44

Tgt Ion:153	Resp:	75403
Ion Ratio	Lower	Upper
153	100	
152	47.4	38.9 58.3
154	88.7	70.3 105.5



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

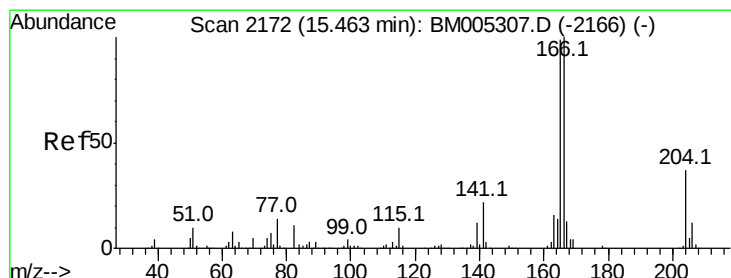
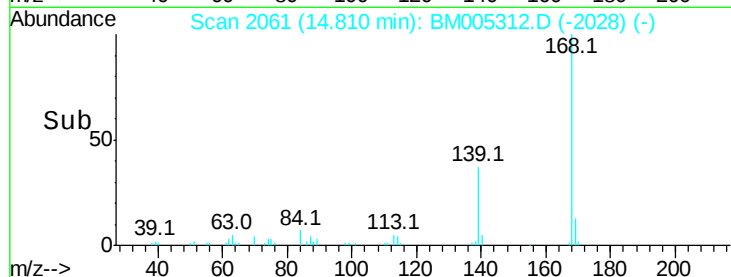
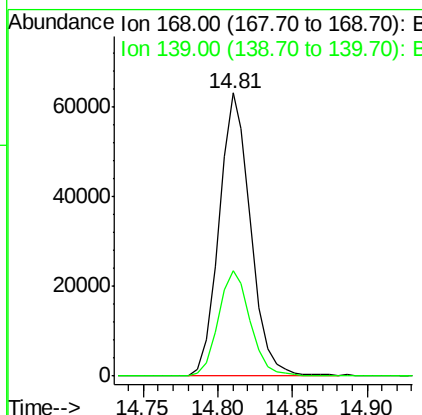
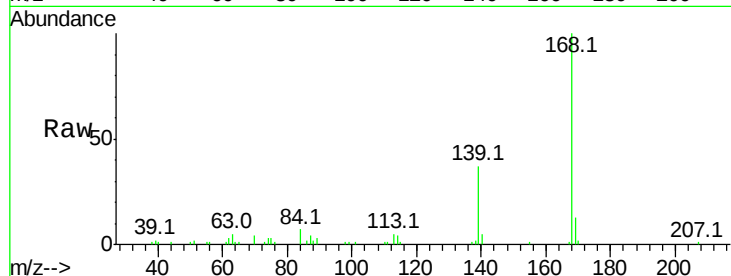




#53
Dibenzenofuran
Concen: 4.03 ng/ul
RT: 14.81 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM005312.D
Acq: 07 May 2016 16:44

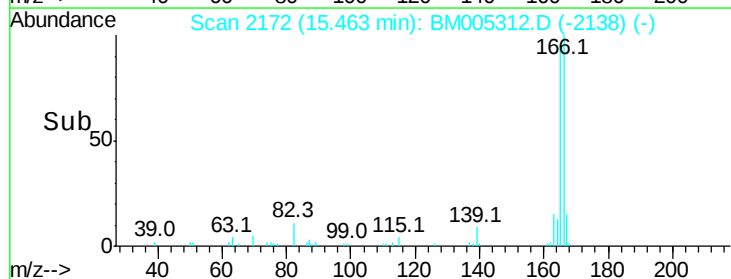
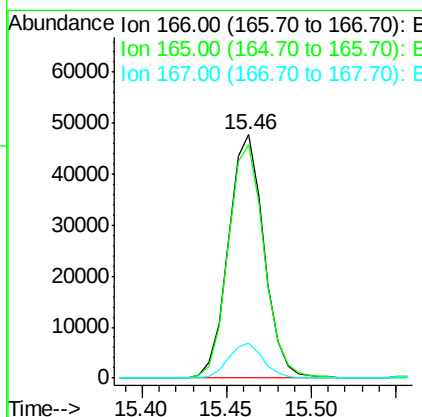
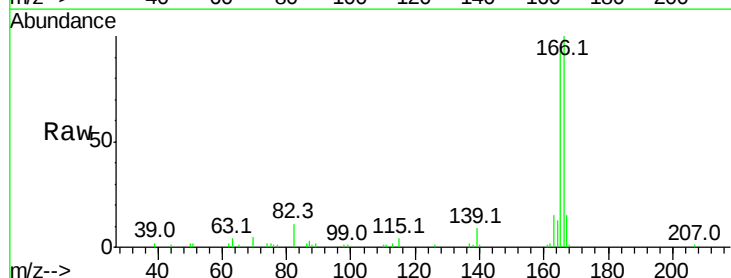
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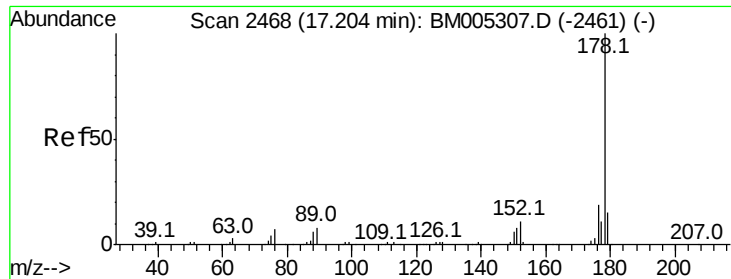
Tot Ion:168 Resp: 93344
Ion Ratio Lower Upper
168 100
139 37.5 30.3 45.5



#58
Fluorene
Concen: 3.85 ng/ul
RT: 15.46 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM005312.D
Acq: 07 May 2016 16:44

Tgt Ion:166 Resp: 69674
Ion Ratio Lower Upper
166 100
165 96.1 77.9 116.9
167 14.6 10.6 16.0





#69

Phenanthrene

Concen: 4.76 ng/ul

RT: 17.20 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BM005312.D

Acq: 07 May 2016 16:44

Instrument :

BNA_M

ClientSampleId :

BC7M6DL

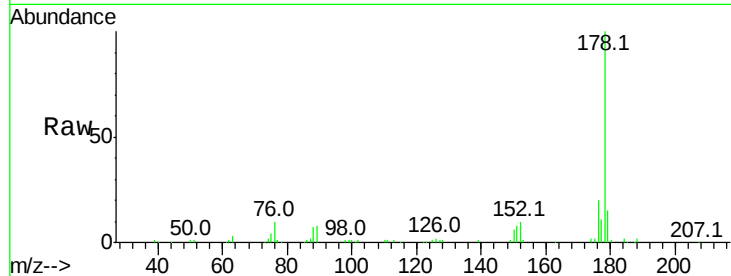
Tot Ion:178 Resp: 150348

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

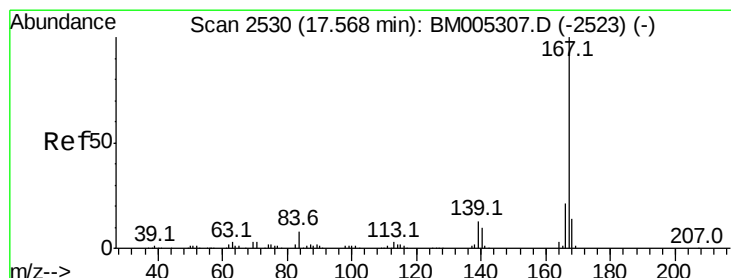
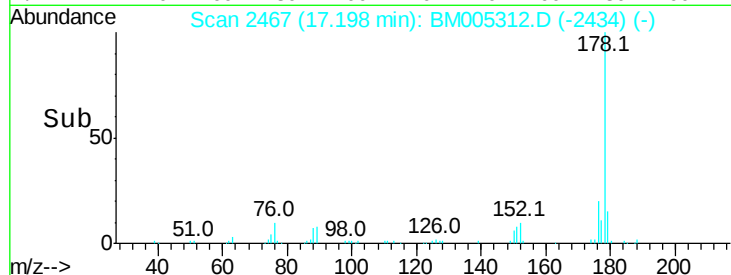
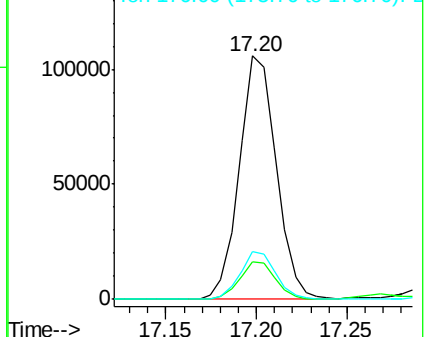
176 19.6 15.2 22.8



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: 1.27 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. 0.00 min

Lab File: BM005312.D

Acq: 07 May 2016 16:44

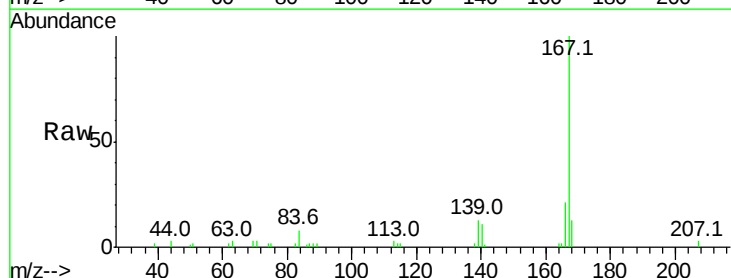
Tgt Ion:167 Resp: 35288

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.2 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

