

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
 Data File : BM005273.D
 Acq On : 06 May 2016 17:06
 Operator : UM/SJ
 Sample : H2813-12DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7T2DL

Quant Time: May 06 18:16:22 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	77920	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	389376	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	268333	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	656784	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	761066	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	718704	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	1366	0.19	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.11	67	8095	2.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	7389	1.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	4201	0.72	ng/ul	0.01
19) Nitrobenzene-d5	8.94	128	4367	1.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	4380	1.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	9206	1.57	ng/ul	0.01
29) 4-Chloroaniline-d4	10.71	131	543	0.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	46809	2.18	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	52823	2.09	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.41	176	47815	2.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	3266	0.88	ng/ul	0.00
70) Anthracene-d10	17.26	188	76824	2.65	ng/ul	0.00
76) Pyrene-d10	19.56	212	87959	2.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	76971	2.42	ng/ul	-0.01

Target Compounds

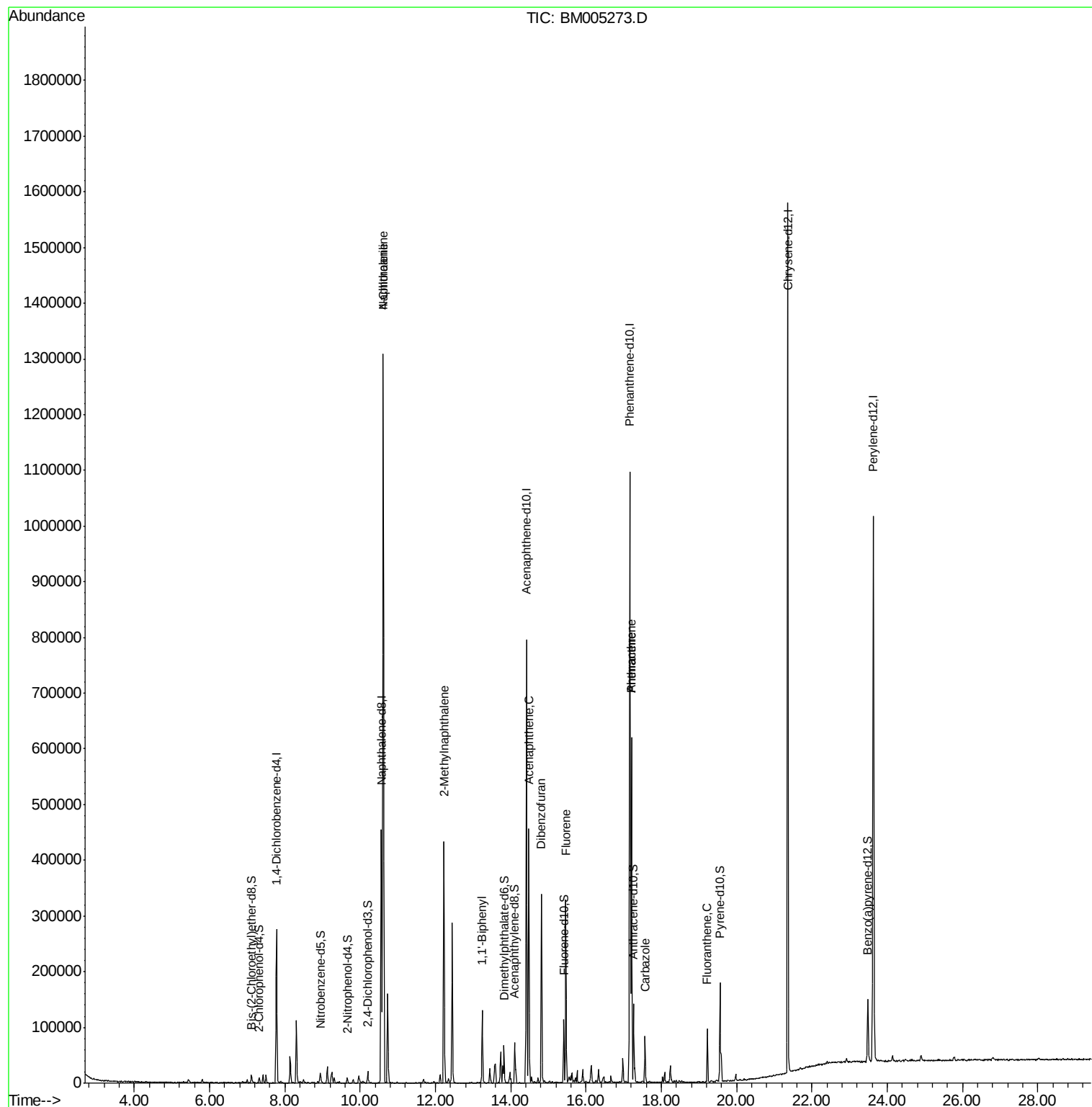
						Qvalue
28) Naphthalene	10.61	128	1097158	56.00	ng/ul	99
30) 4-Chloroaniline	10.61	127	144585	20.14	ng/ul#	13
34) 2-Methylnaphthalene	12.22	142	213988	14.60	ng/ul	98
40) 1,1'-Biphenyl	13.24	154	74931	3.52	ng/ul	98
49) Acenaphthene	14.47	153	188051	10.69	ng/ul	98
53) Dibenzofuran	14.81	168	226661	8.88	ng/ul	99
58) Fluorene	15.46	166	144566	7.25	ng/ul	99
69) Phenanthrene	17.20	178	357550	10.35	ng/ul	100
71) Anthracene	17.20	178	357550	10.38	ng/ul	100
72) Carbazole	17.57	167	55325	1.83	ng/ul	99
74) Fluoranthene	19.22	202	58975	1.54	ng/ul	100

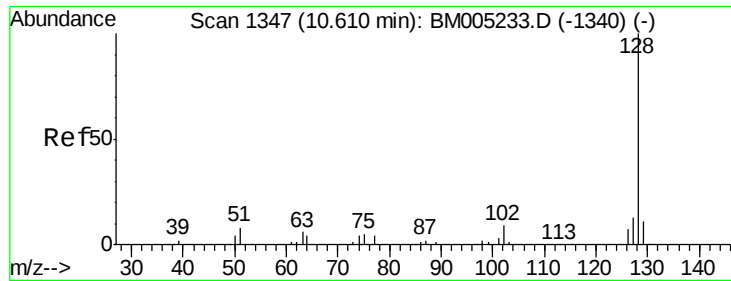
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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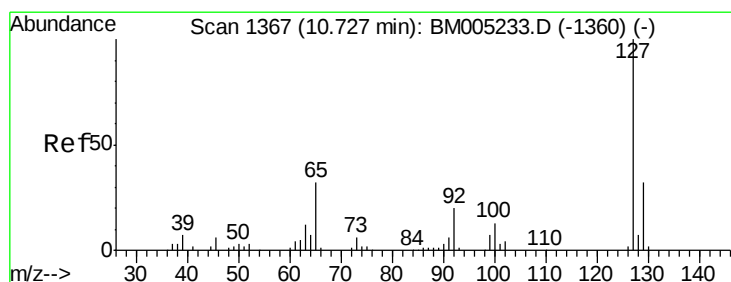
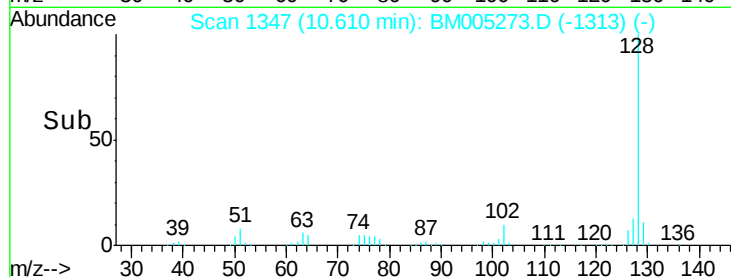
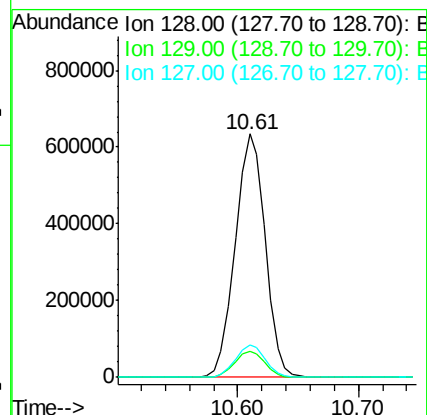
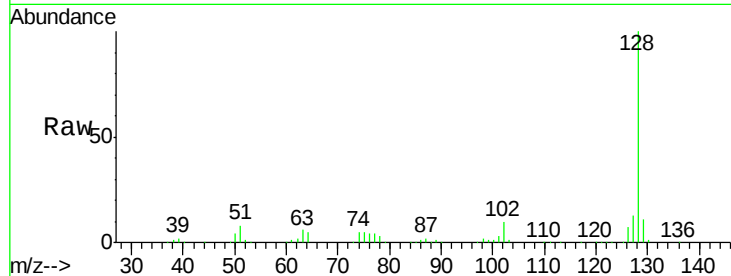




#28
Naphthalene
Concen: 56.00 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BM005273.D
Acq: 06 May 2016 17:06

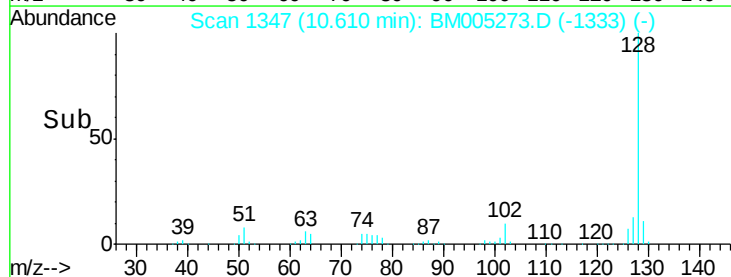
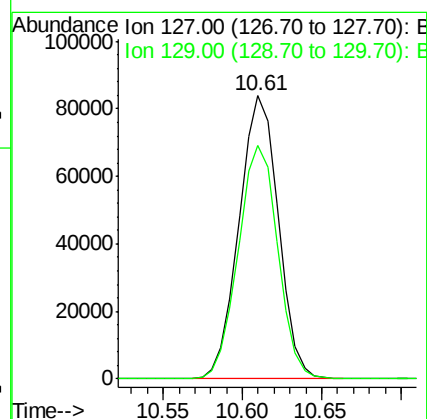
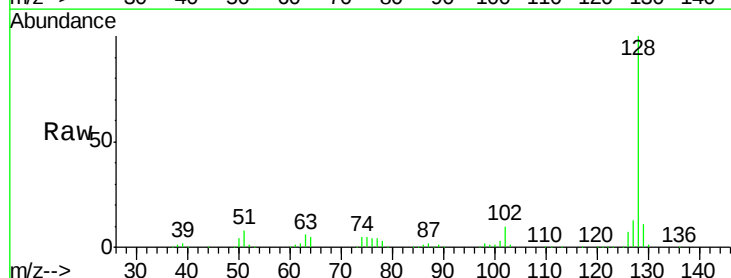
Instrument :
BNA_M
ClientSampleId :
BC7T2DL

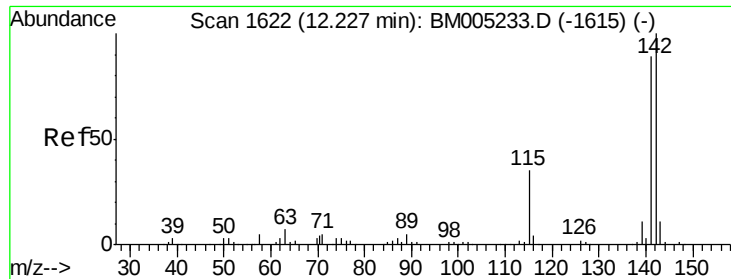
Tgt Ion:128 Resp: 1097158
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.2 10.8 16.2



#30
4-Chloroaniline
Concen: 20.14 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. -0.12 min
Lab File: BM005273.D
Acq: 06 May 2016 17:06

Tgt Ion:127 Resp: 144585
Ion Ratio Lower Upper
127 100
129 82.3 26.5 39.7#

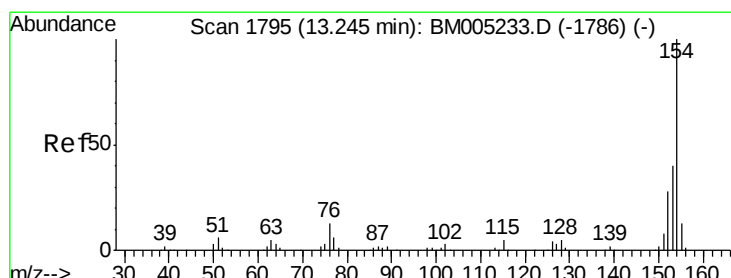
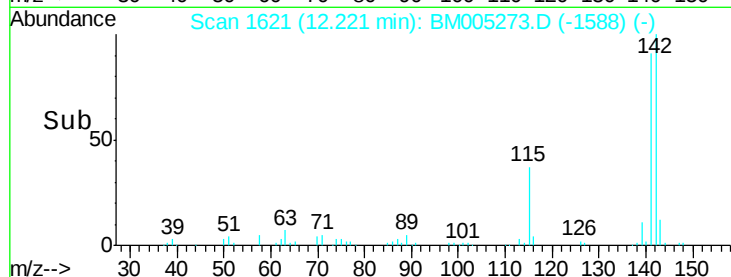
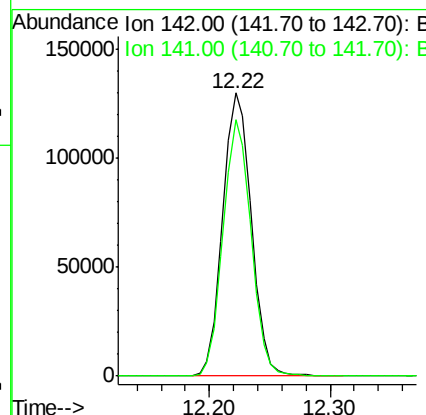
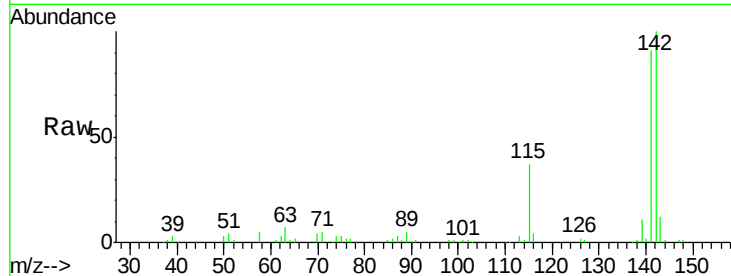




#34
 2-Methylnaphthalene
 Concen: 14.60 ng/ul
 RT: 12.22 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BM005273.D
 Acq: 06 May 2016 17:06

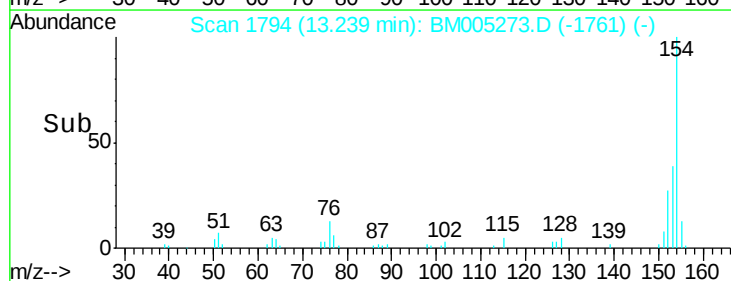
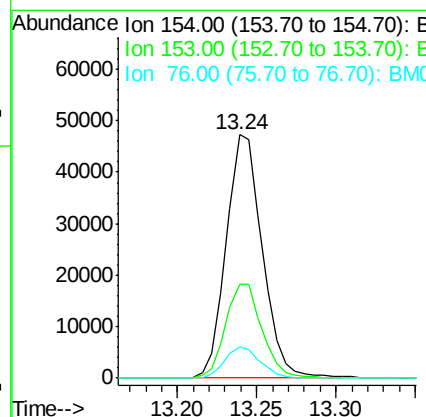
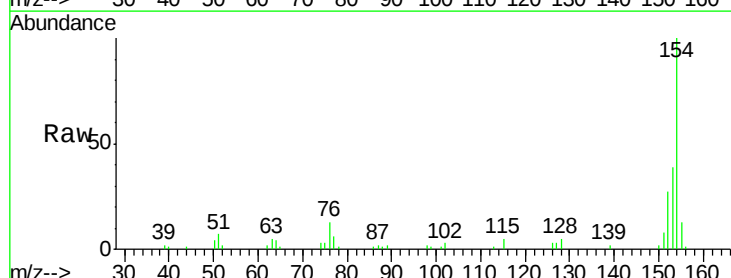
Instrument :
 BNA_M
 ClientSampleId :
 BC7T2DL

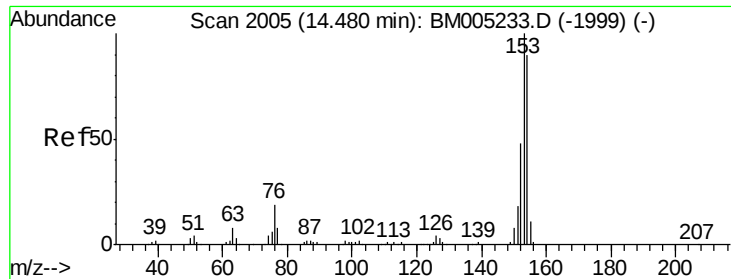
Tgt Ion:142 Resp: 213988
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.3 106.9



#40
 1,1'-Biphenyl
 Concen: 3.52 ng/ul
 RT: 13.24 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BM005273.D
 Acq: 06 May 2016 17:06

Tgt Ion:154 Resp: 74931
 Ion Ratio Lower Upper
 154 100
 153 38.7 32.1 48.1
 76 13.0 10.6 15.8





#49

Acenaphthene

Concen: 10.69 ng/ul

RT: 14.47 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM005273.D

Acq: 06 May 2016 17:06

Instrument :

BNA_M

ClientSampleId :

BC7T2DL

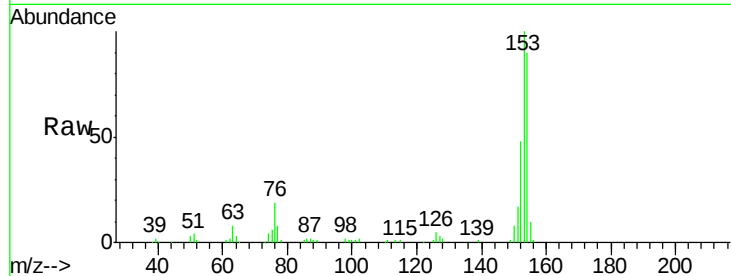
Tgt Ion:153 Resp: 188051

Ion Ratio Lower Upper

153 100

152 47.6 38.9 58.3

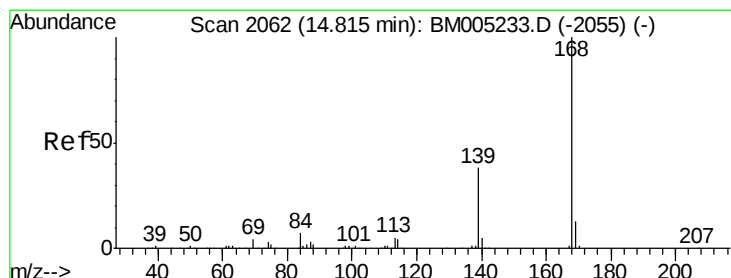
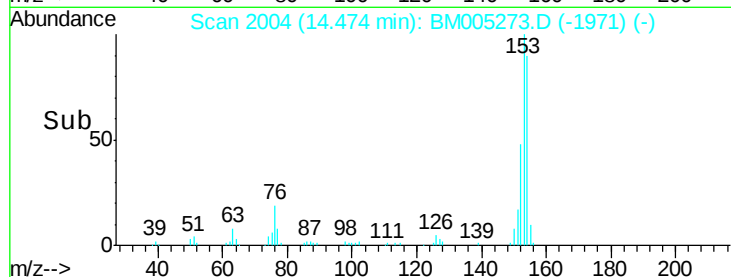
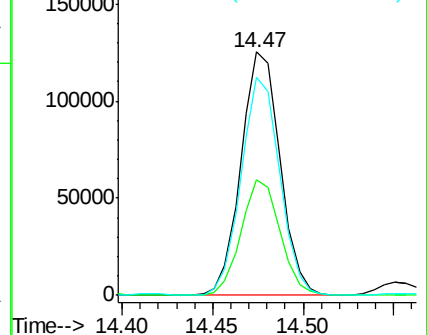
154 89.8 70.3 105.5



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

Dibenzofuran

Concen: 8.88 ng/ul

RT: 14.81 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BM005273.D

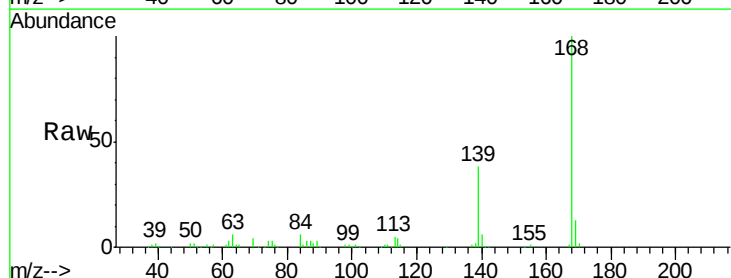
Acq: 06 May 2016 17:06

Tgt Ion:168 Resp: 226661

Ion Ratio Lower Upper

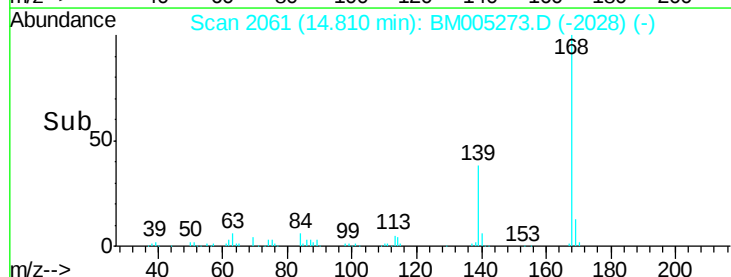
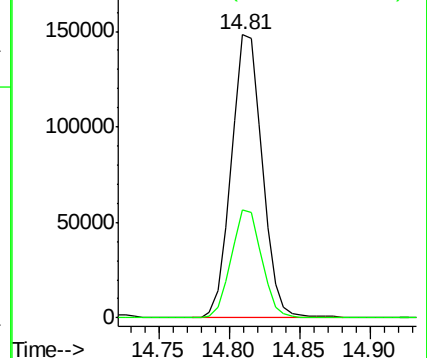
168 100

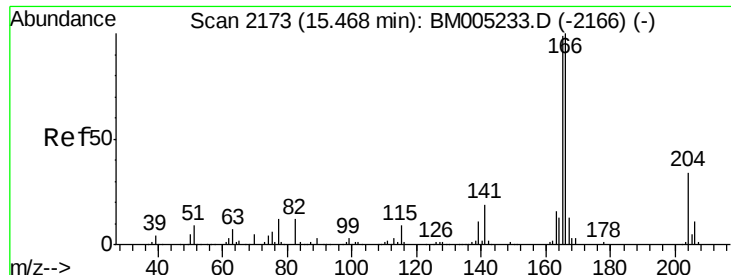
139 38.4 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

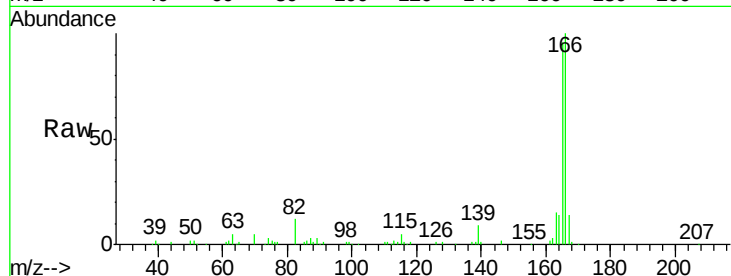




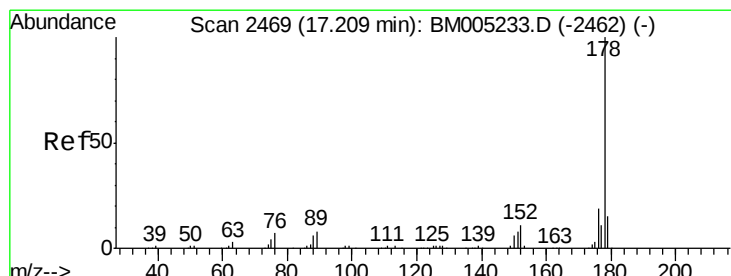
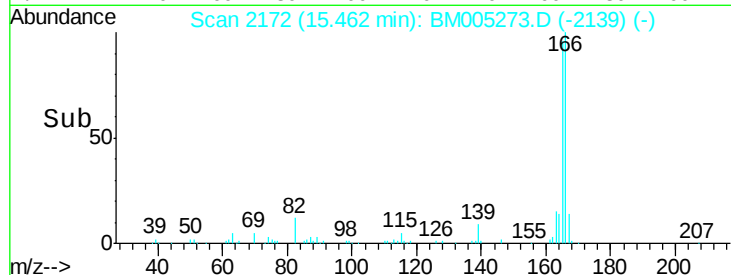
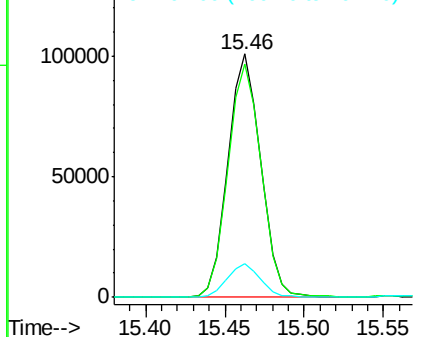
#58
Fluorene
 Concen: 7.25 ng/ul
 RT: 15.46 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM005273.D
 Acq: 06 May 2016 17:06

Instrument :
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Tgt Ion:166 Resp: 144566
 Ion Ratio Lower Upper
 166 100
 165 96.0 77.9 116.9
 167 13.6 10.6 16.0

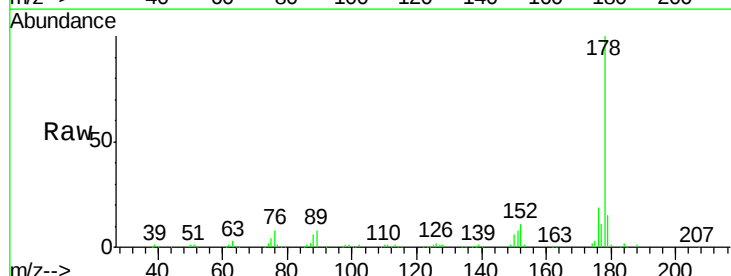


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

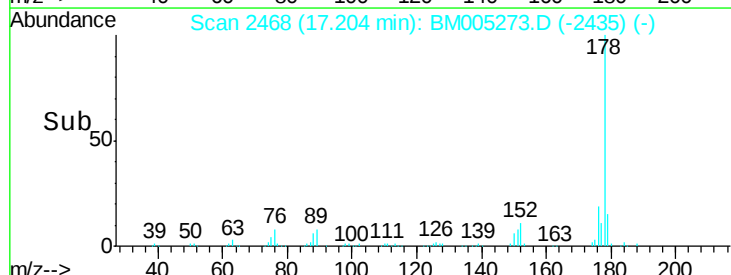
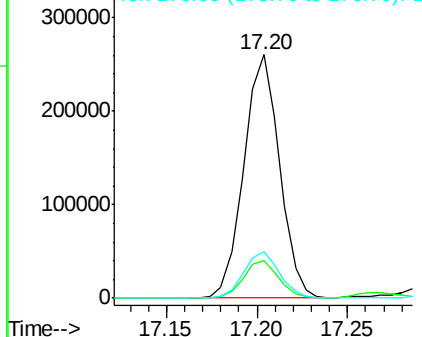


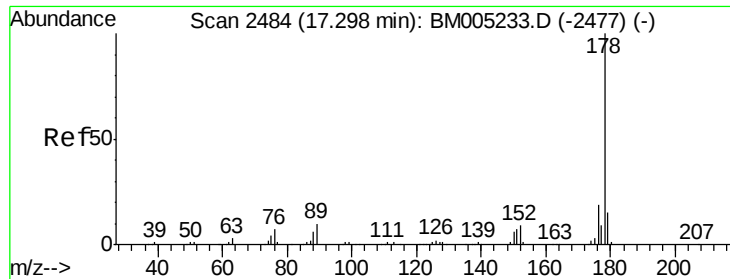
#69
Phenanthrene
 Concen: 10.35 ng/ul
 RT: 17.20 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BM005273.D
 Acq: 06 May 2016 17:06

Tgt Ion:178 Resp: 357550
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 19.1 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

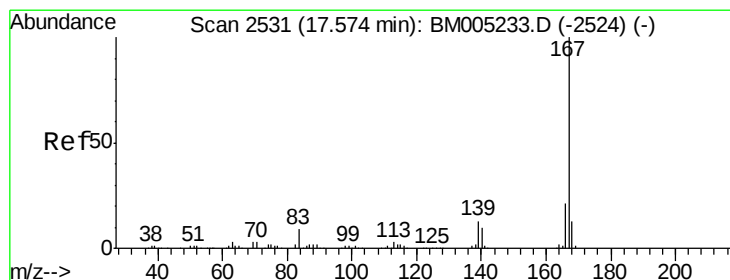
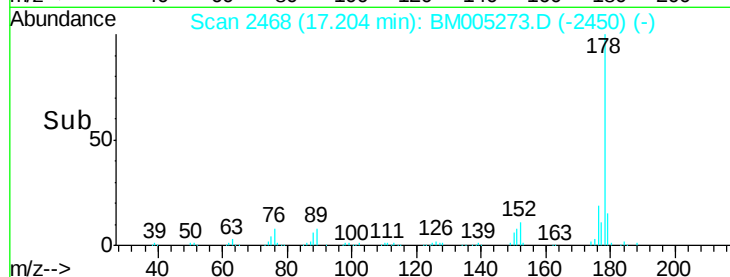
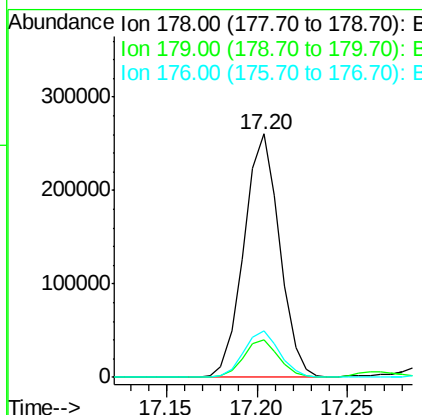
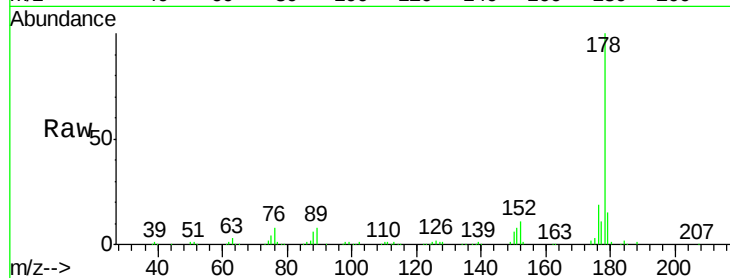




#71
 Anthracene
 Concen: 10.38 ng/ul
 RT: 17.20 min Scan# 2468
 Delta R.T. -0.09 min
 Lab File: BM005273.D
 Acq: 06 May 2016 17:06

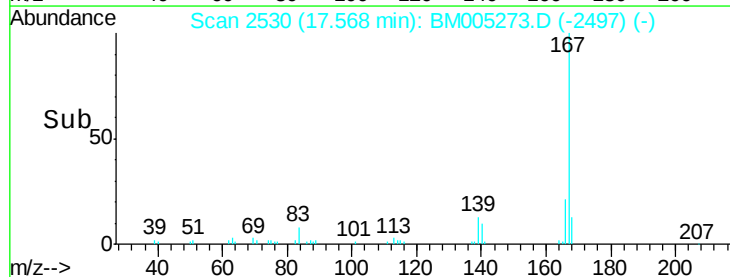
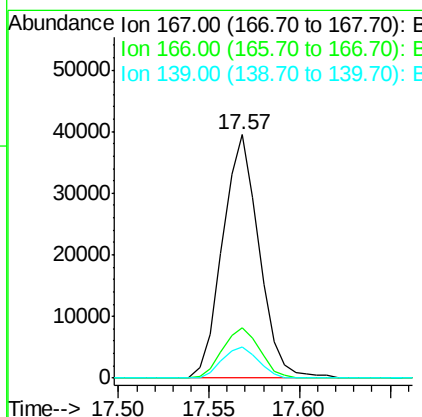
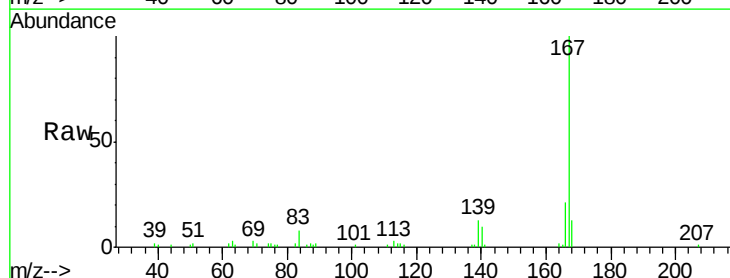
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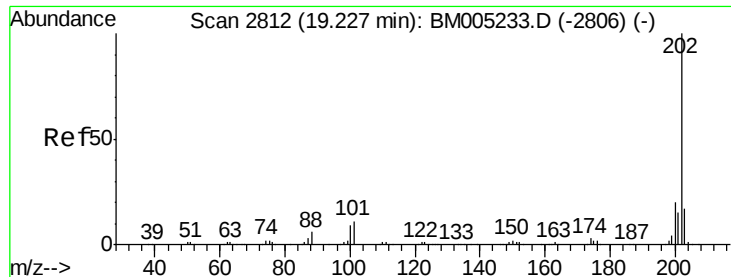
Tgt Ion:178 Resp: 357550
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.4 18.6
 176 19.1 15.1 22.7



#72
 Carbazole
 Concen: 1.83 ng/ul
 RT: 17.57 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BM005273.D
 Acq: 06 May 2016 17:06

Tgt Ion:167 Resp: 55325
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.1 25.7
 139 12.8 10.2 15.2

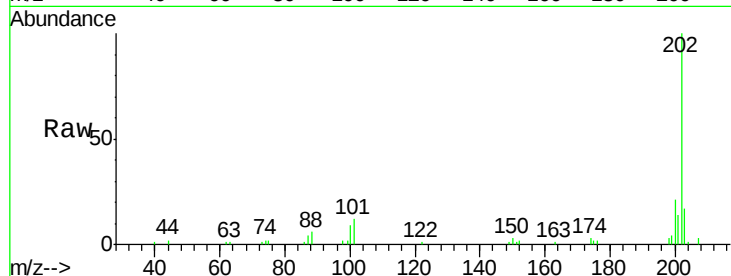




#74
 Fluoranthene
 Concen: 1.54 ng/ul
 RT: 19.22 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BM005273.D
 Acq: 06 May 2016 17:06

Instrument :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
100	8.8	7.1	10.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

