

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
 Data File : BM005264.D
 Acq On : 06 May 2016 11:00
 Operator : UM/SJ
 Sample : H2813-01DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M6DL

Quant Time: May 06 13:18:33 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	70019	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	344061	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	232308	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	582427	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	708756	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	680302	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	3280	0.52	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	11861	3.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	11558	2.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	7457	1.42	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	6565	2.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	7402	2.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	14238	2.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	499	0.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	65032	3.49	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	73489	3.36	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.41	176	61042	3.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	4844	1.48	ng/ul	0.00
70) Anthracene-d10	17.26	188	97821	3.80	ng/ul	0.00
76) Pyrene-d10	19.56	212	121852	3.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	113722	3.78	ng/ul	-0.01

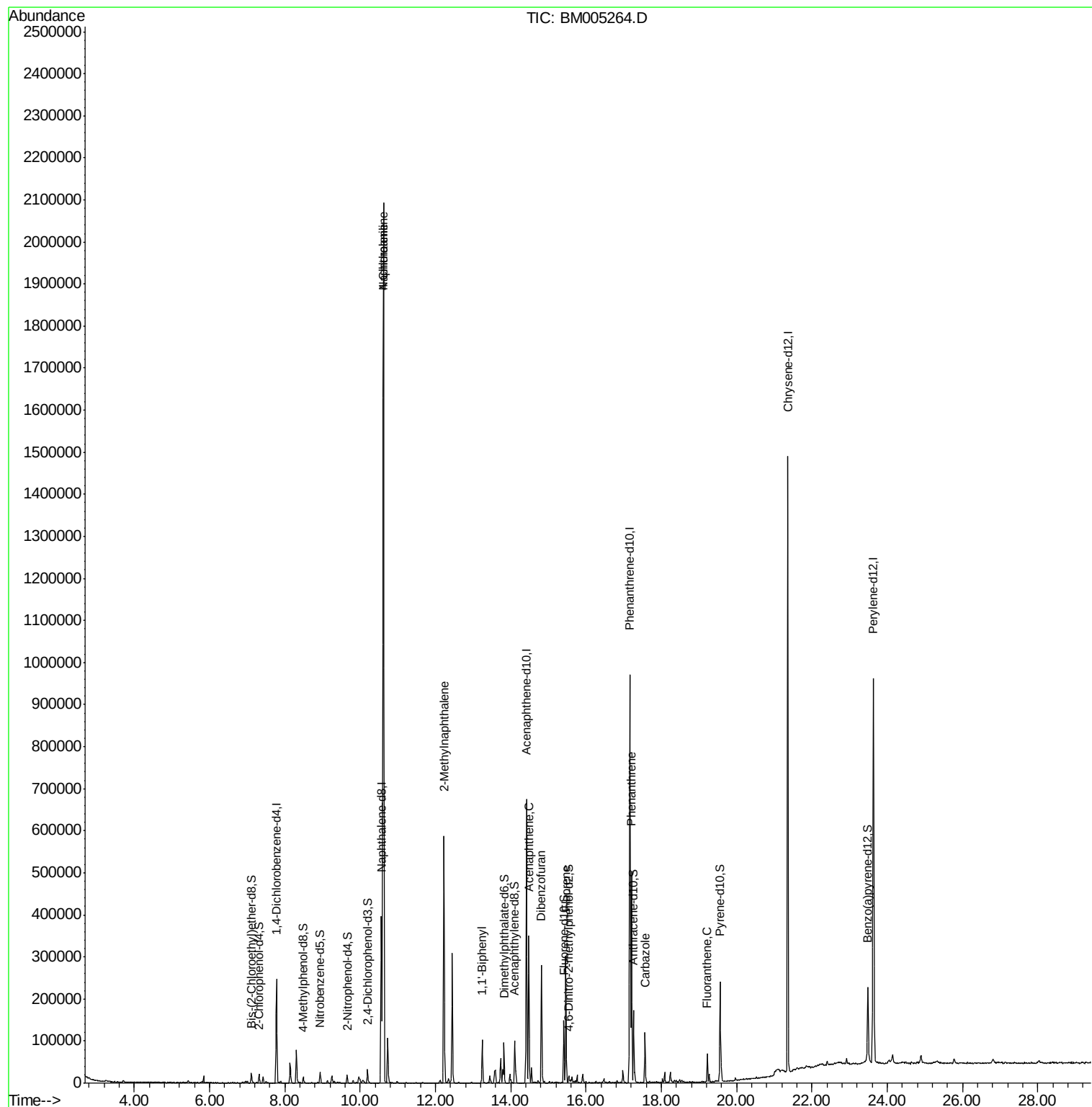
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.62	128	1855036	107.16	ng/ul	99
30) 4-Chloroaniline	10.62	127	245412	38.68	ng/ul#	15
34) 2-Methylnaphthalene	12.22	142	280720	21.68	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	57966	3.15	ng/ul	99
49) Acenaphthene	14.47	153	147343	9.68	ng/ul	99
53) Dibenzofuran	14.81	168	183371	8.30	ng/ul	99
58) Fluorene	15.46	166	138422	8.01	ng/ul	98
69) Phenanthrene	17.20	178	294540	9.62	ng/ul	100
72) Carbazole	17.57	167	80579	3.00	ng/ul	98
74) Fluoranthene	19.22	202	43393	1.28	ng/ul	99

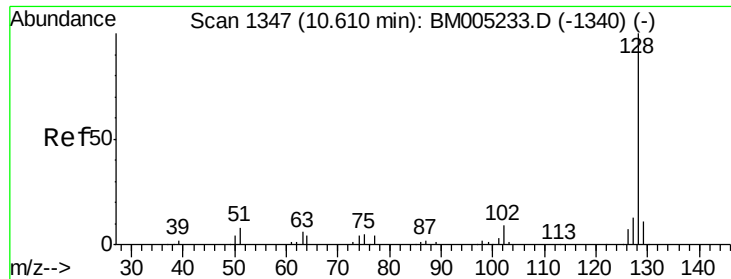
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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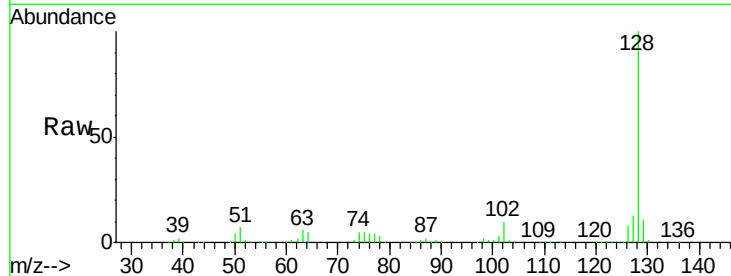




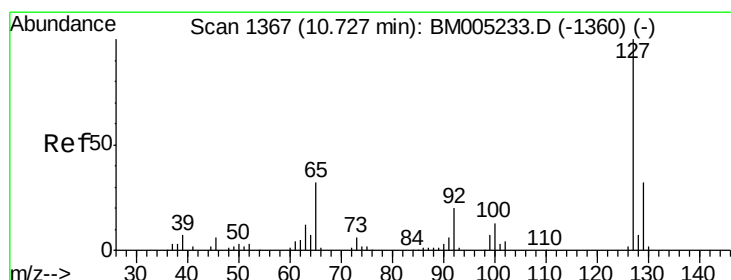
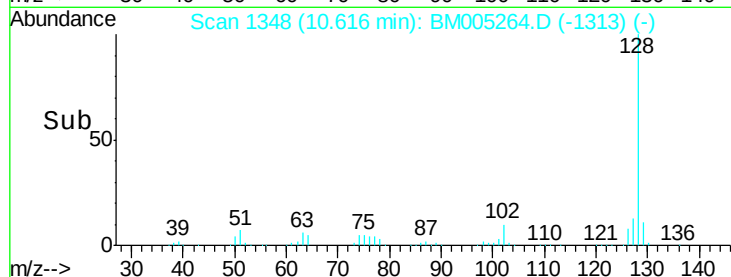
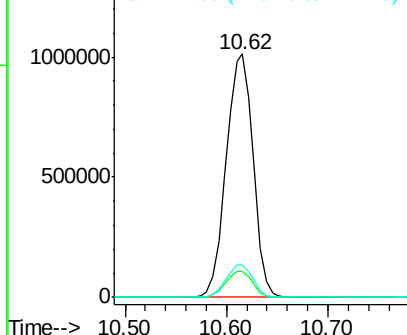
#28
Naphthalene
Concen: 107.16 ng/ul
RT: 10.62 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BM005264.D
Acq: 06 May 2016 11:00

Instrument :
BNA_M
ClientSampleId :
BC7M6DL

Tgt Ion:128 Resp: 1855036
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.4 10.8 16.2

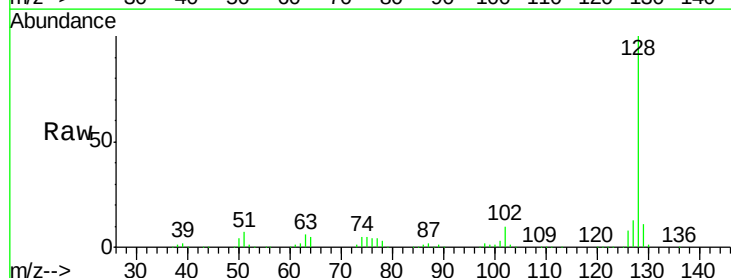


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

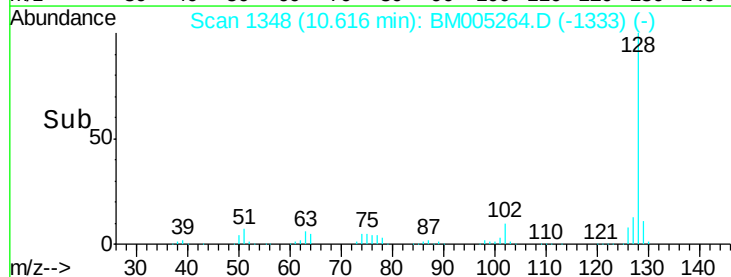
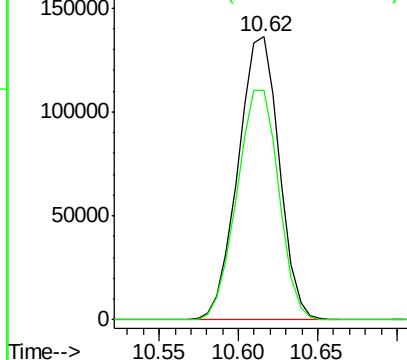


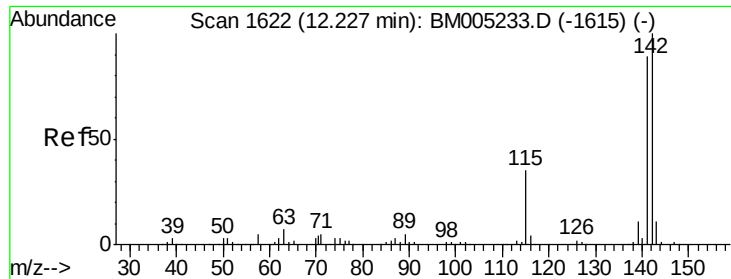
#30
4-Chloroaniline
Concen: 38.68 ng/ul
RT: 10.62 min Scan# 1348
Delta R.T. -0.11 min
Lab File: BM005264.D
Acq: 06 May 2016 11:00

Tgt Ion:127 Resp: 245412
Ion Ratio Lower Upper
127 100
129 81.0 26.5 39.7#



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

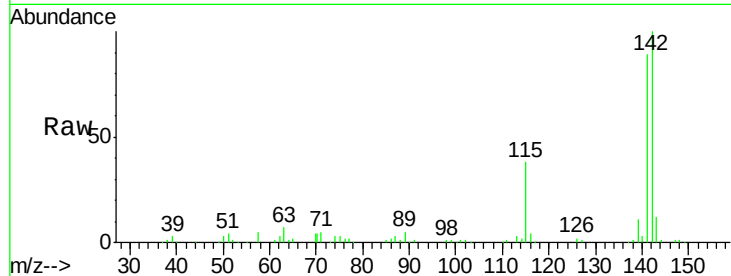




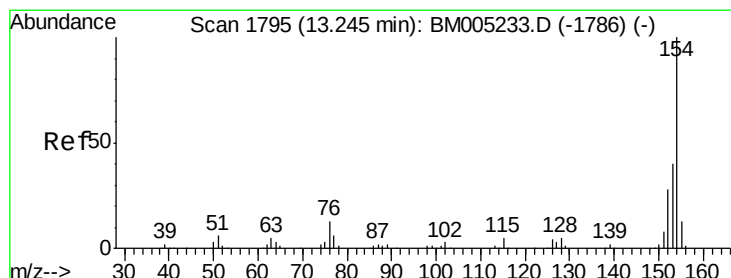
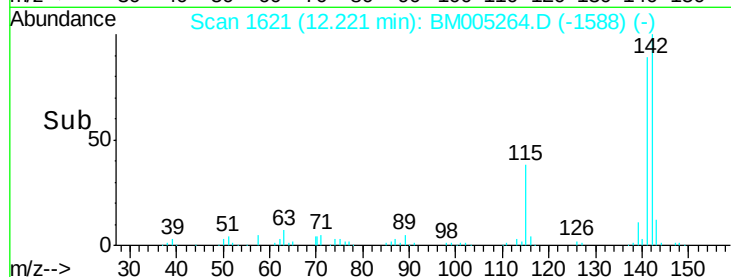
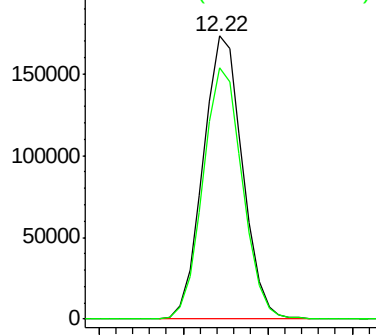
#34
 2-Methylnaphthalene
 Concen: 21.68 ng/ul
 RT: 12.22 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BM005264.D
 Acq: 06 May 2016 11:00

Instrument :
 BNA_M
 ClientSampleId :
 BC7M6DL

Tgt Ion:142 Resp: 280720
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.3 106.9

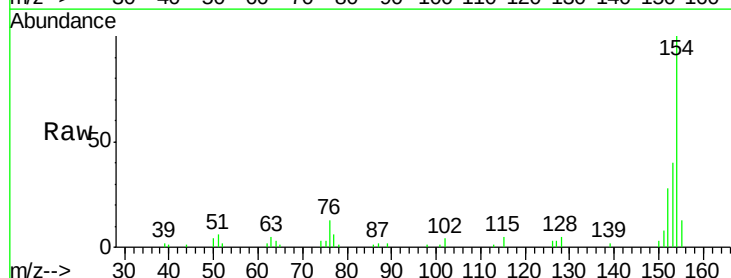


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

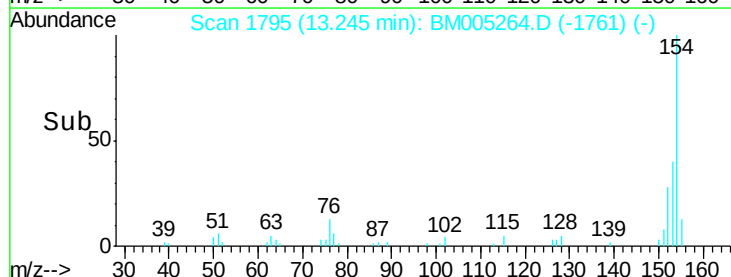
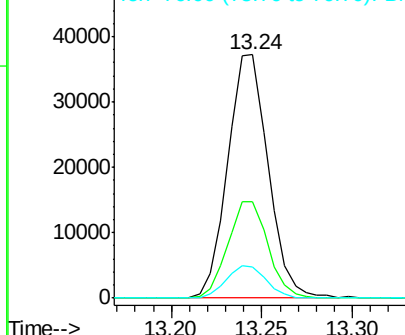


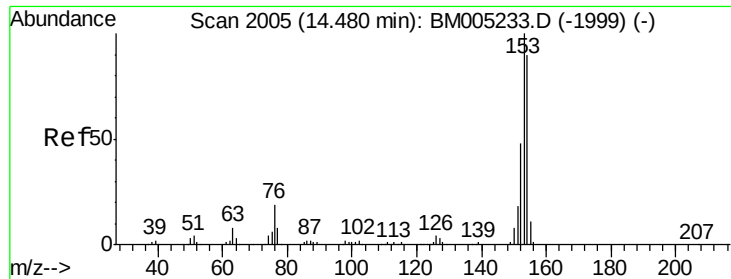
#40
 1,1'-Biphenyl
 Concen: 3.15 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BM005264.D
 Acq: 06 May 2016 11:00

Tgt Ion:154 Resp: 57966
 Ion Ratio Lower Upper
 154 100
 153 39.7 32.1 48.1
 76 12.7 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: 9.68 ng/ul

RT: 14.47 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM005264.D

Acq: 06 May 2016 11:00

Instrument :

BNA_M

ClientSampleId :

BC7M6DL

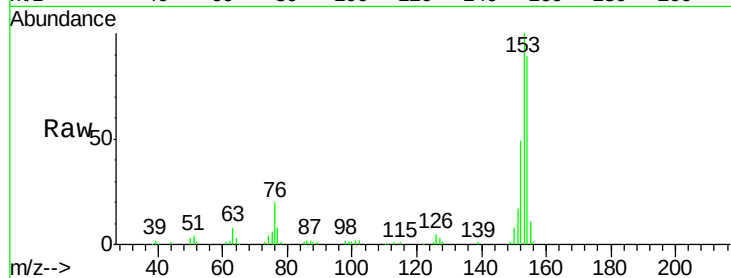
Tgt Ion:153 Resp: 147343

Ion Ratio Lower Upper

153 100

152 48.7 38.9 58.3

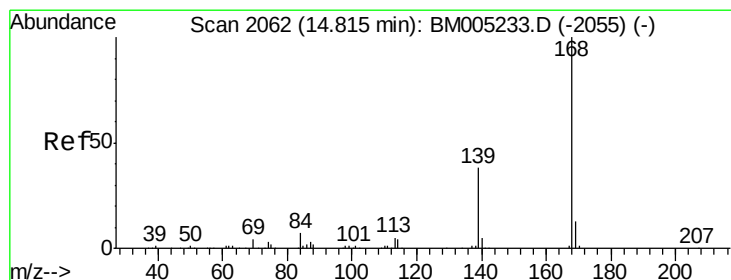
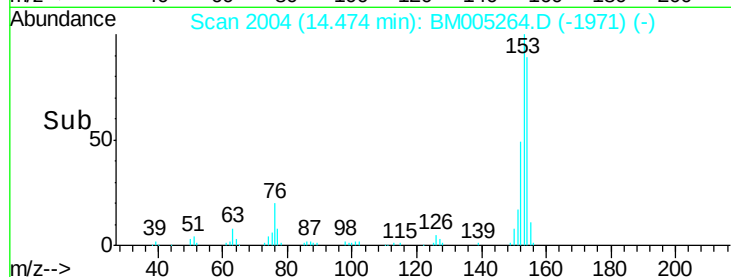
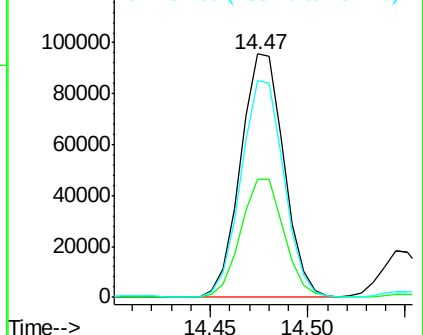
154 89.2 70.3 105.5



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: 8.30 ng/ul

RT: 14.81 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BM005264.D

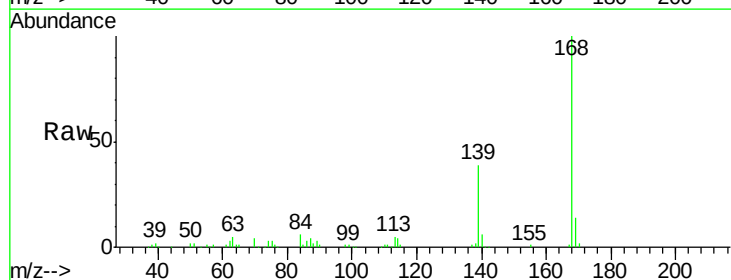
Acq: 06 May 2016 11:00

Tgt Ion:168 Resp: 183371

Ion Ratio Lower Upper

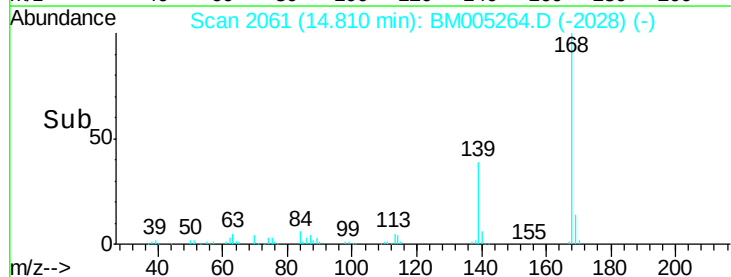
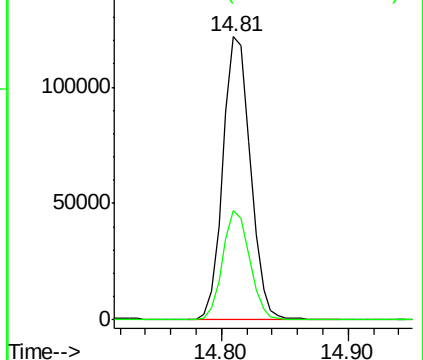
168 100

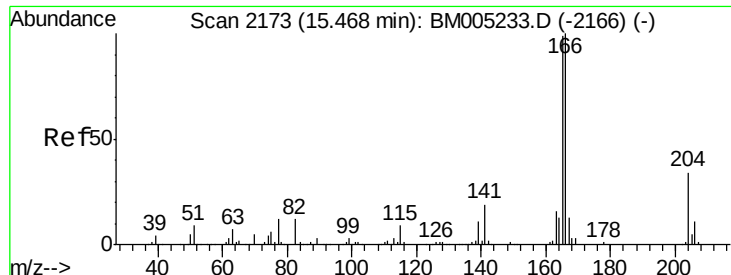
139 38.8 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

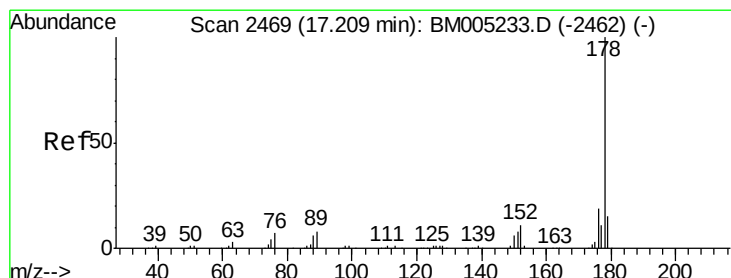
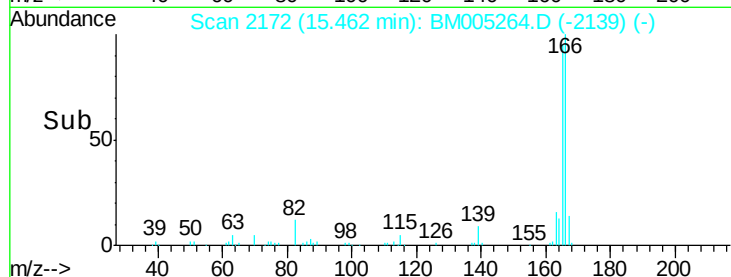
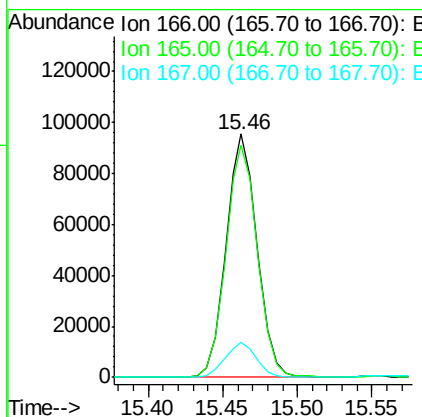
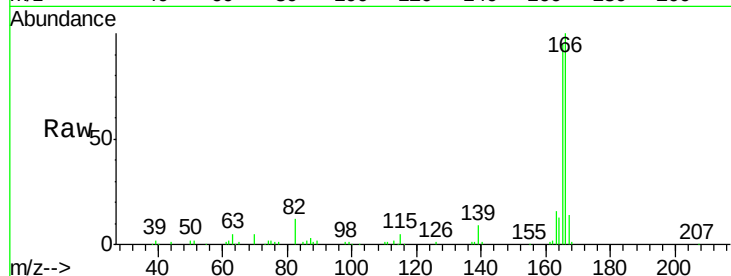




#58
 Fluorene
 Concen: 8.01 ng/ul
 RT: 15.46 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM005264.D
 Acq: 06 May 2016 11:00

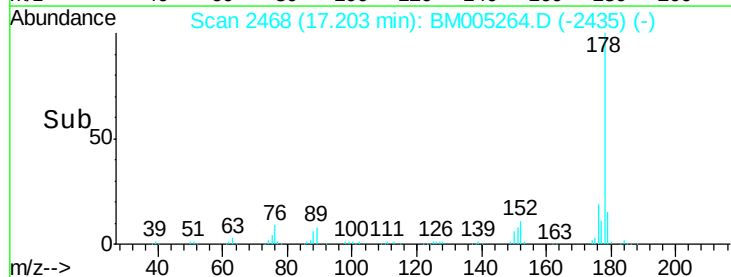
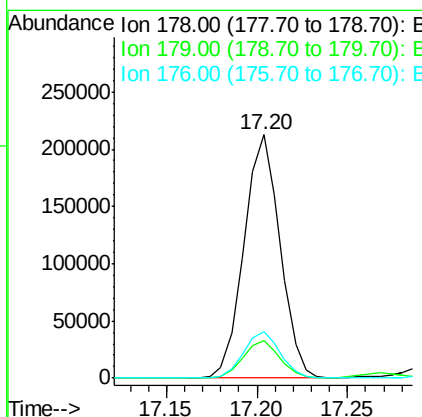
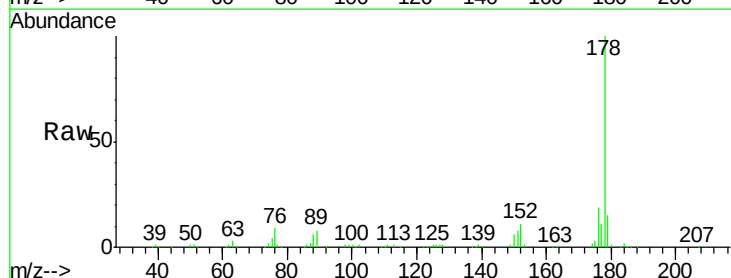
Instrument :
 BNA_M
 ClientSampleId :
 BC7M6DL

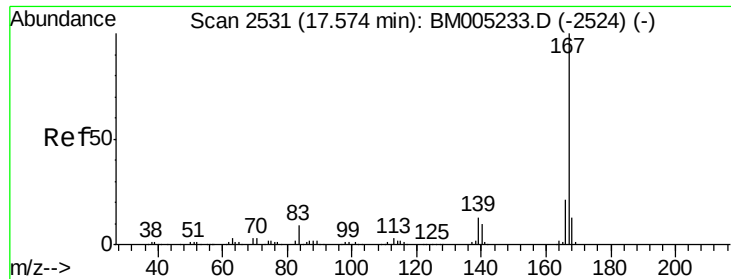
Tgt Ion:166 Resp: 138422
 Ion Ratio Lower Upper
 166 100
 165 95.5 77.9 116.9
 167 14.2 10.6 16.0



#69
 Phenanthrene
 Concen: 9.62 ng/ul
 RT: 17.20 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BM005264.D
 Acq: 06 May 2016 11:00

Tgt Ion:178 Resp: 294540
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.3 18.5
 176 19.1 15.2 22.8





#72

Carbazole

Concen: 3.00 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BM005264.D

Acq: 06 May 2016 11:00

Instrument :

BNA_M

ClientSampleId :

BC7M6DL

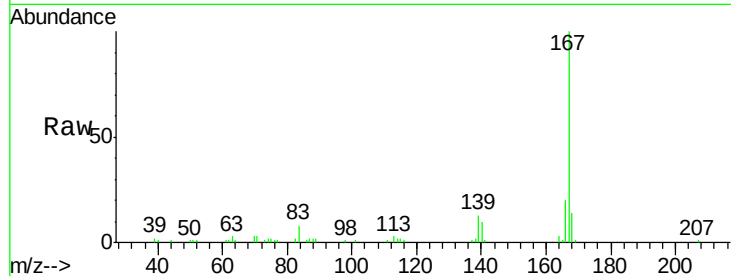
Tgt Ion:167 Resp: 80579

Ion Ratio Lower Upper

167 100

166 19.7 17.1 25.7

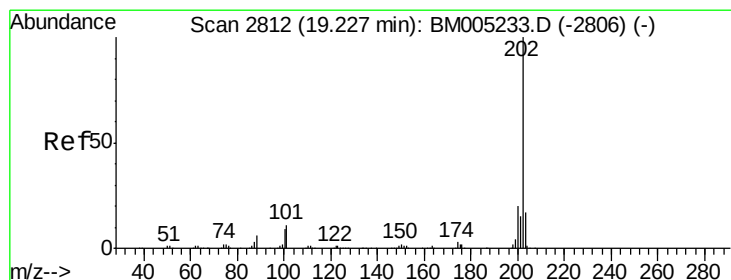
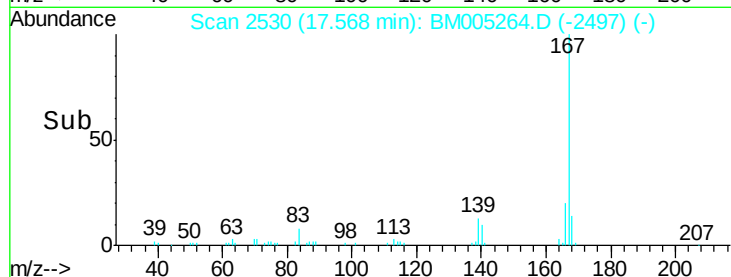
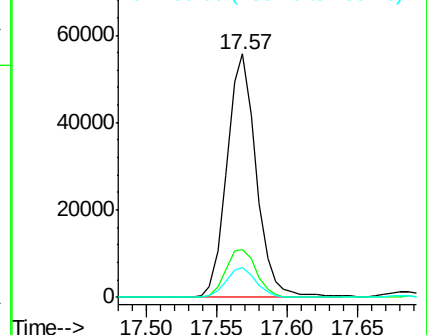
139 12.5 10.2 15.2



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



#74

Fluoranthene

Concen: 1.28 ng/ul

RT: 19.22 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM005264.D

Acq: 06 May 2016 11:00

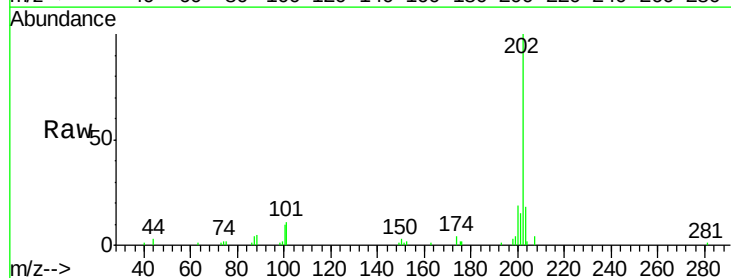
Tgt Ion:202 Resp: 43393

Ion Ratio Lower Upper

202 100

101 11.1 9.2 13.8

100 9.5 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

