

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005257.D
 Acq On : 06 May 2016 04:47
 Operator : UM/SJ
 Sample : H2813-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7T5

Quant Time: May 06 05:58:41 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	96436	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	464591	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	299866	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	705161	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	852913	20.00	ng/ul	-0.01
83) Perylene-d12	23.63	264	833381	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2553	1.24	ng/uL	0.00
5) Phenol-d5	6.95	99	53920	6.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	132084	26.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	146295	22.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	106376	14.71	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	98076	29.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	112995	30.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	186222	26.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	18170	2.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	678378	28.22	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	809850	28.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	27409	6.25	ng/ul	0.00
57) Fluorene-d10	15.41	176	599571	28.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	120993	30.50	ng/ul	0.00
70) Anthracene-d10	17.27	188	927100	29.74	ng/ul	0.00
76) Pyrene-d10	19.56	212	1109201	28.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1120940	30.39	ng/ul	0.00

Target Compounds

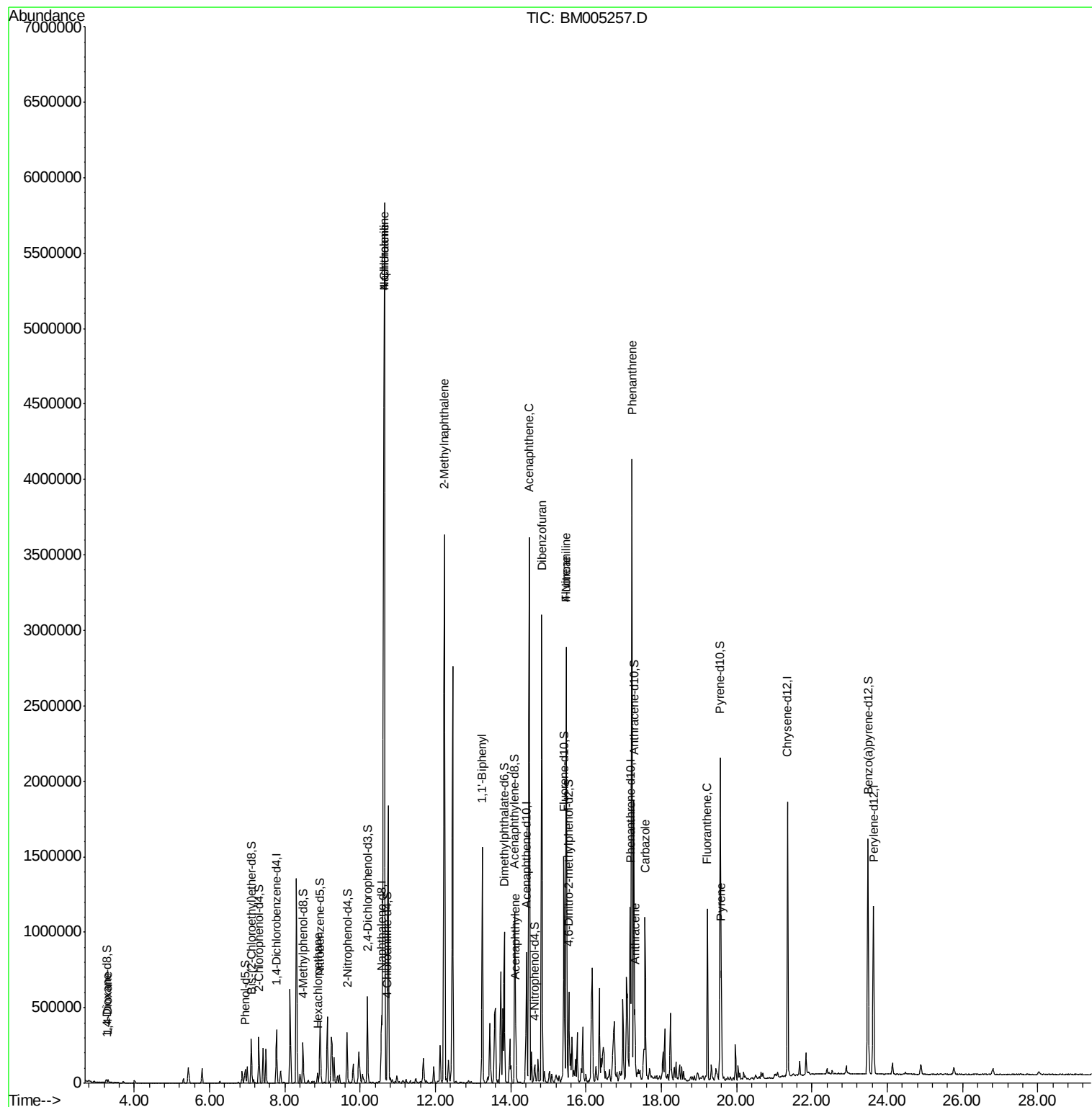
						Qvalue
2) 1,4-Dioxane	3.30	88	11095	2.97	ng/uL	98
17) Hexachloroethane	8.87	117	9848	3.87	ng/ul#	8
28) Naphthalene	10.64	128	7399204	316.54	ng/ul	98
30) 4-Chloroaniline	10.64	127	1031149	120.35	ng/ul#	19
34) 2-Methylnaphthalene	12.23	142	2003592	114.60	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	853325	35.92	ng/ul	99
47) Acenaphthylene	14.13	152	139751	4.69	ng/ul#	94
49) Acenaphthene	14.49	153	1688987	85.93	ng/ul	99
53) Dibenzofuran	14.82	168	2132917	74.79	ng/ul	96
58) Fluorene	15.47	166	1385186	62.12	ng/ul	100
60) 4-Nitroaniline	15.47	138	16297	3.05	ng/ul#	19
69) Phenanthrene	17.22	178	2874130	77.52	ng/ul	99
71) Anthracene	17.30	178	230033	6.22	ng/ul	99
72) Carbazole	17.57	167	683844	21.03	ng/ul	99
74) Fluoranthene	19.23	202	703823	17.13	ng/ul	97
77) Pyrene	19.59	202	441614	8.93	ng/ul	97

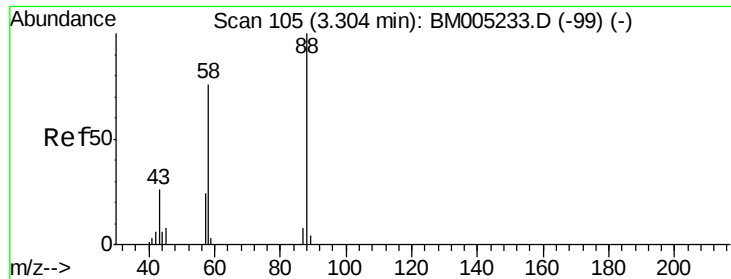
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 2.97 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. -0.00 min

Lab File: BM005257.D

Acq: 06 May 2016 04:47

Instrument :

BNA_M

ClientSampleId :

BC7T5

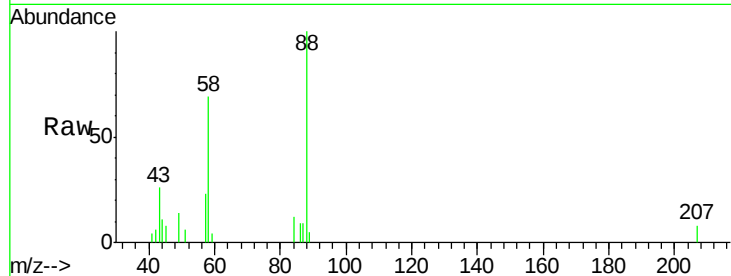
Tgt Ion: 88 Resp: 11095

Ion Ratio Lower Upper

88 100

43 24.8 19.3 28.9

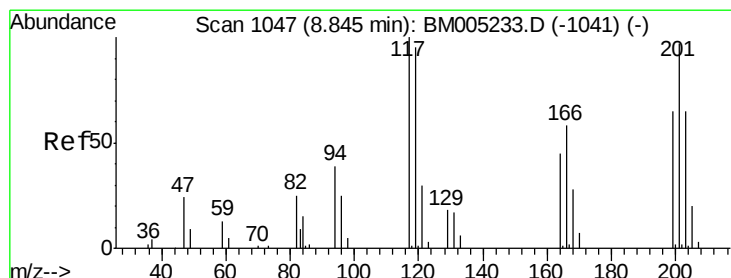
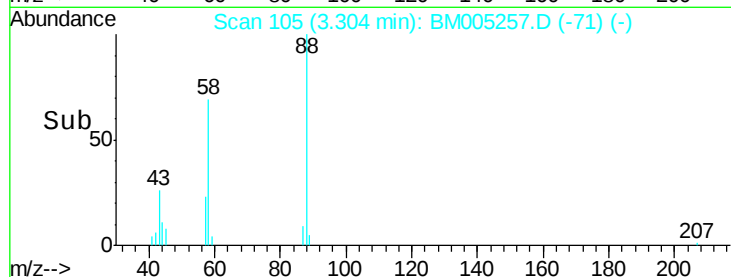
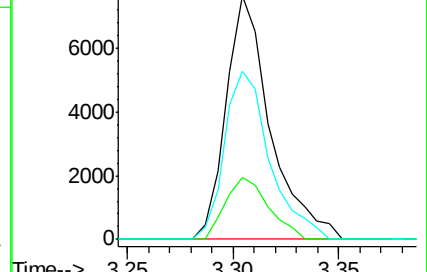
58 70.5 57.9 86.9



Abundance Ion 88.00 (87.70 to 88.70): BM005233.D (-99) (-)

Ion 43.00 (42.70 to 43.70): BM005233.D (-99) (-)

Ion 58.00 (57.70 to 58.70): BM005233.D (-99) (-)



#17

Hexachloroethane

Concen: 3.87 ng/uL

RT: 8.87 min Scan# 1052

Delta R.T. 0.03 min

Lab File: BM005257.D

Acq: 06 May 2016 04:47

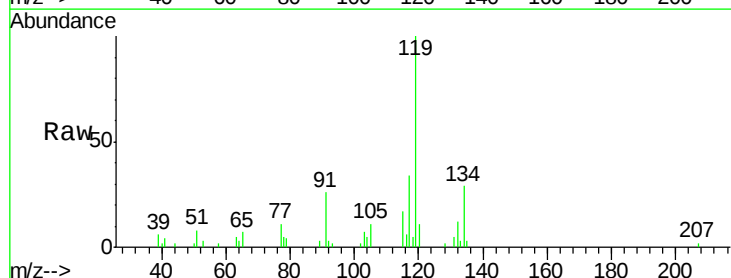
Tgt Ion: 117 Resp: 9848

Ion Ratio Lower Upper

117 100

201 0.0 78.1 117.1#

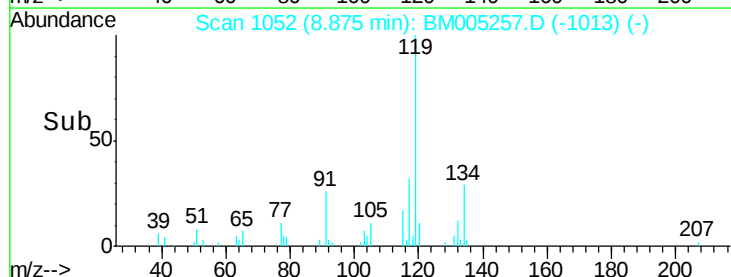
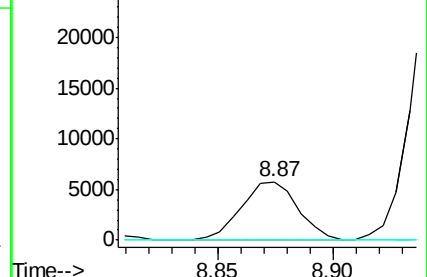
199 0.0 50.2 75.2#

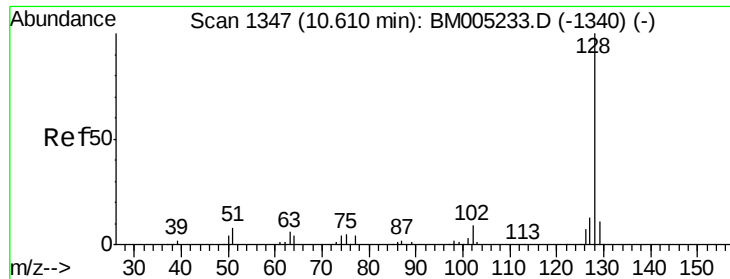


Abundance Ion 117.00 (116.70 to 117.70): BM005233.D (-1041) (-)

Ion 201.00 (200.70 to 201.70): BM005233.D (-1041) (-)

Ion 199.00 (198.70 to 199.70): BM005233.D (-1041) (-)





#28

Naphthalene

Concen: 316.54 ng/ul

RT: 10.64 min Scan# 1352

Delta R.T. 0.03 min

Lab File: BM005257.D

Acq: 06 May 2016 04:47

Instrument :

BNA_M

ClientSampleId :

BC7T5

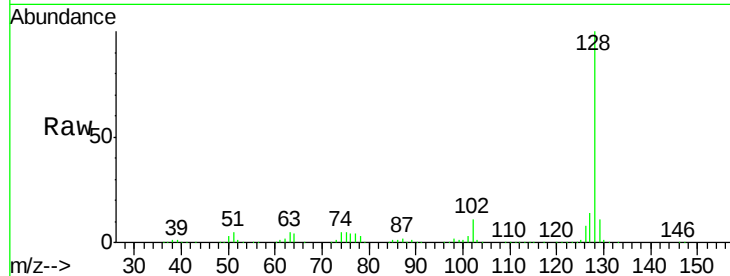
Tgt Ion:128 Resp: 7399204

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

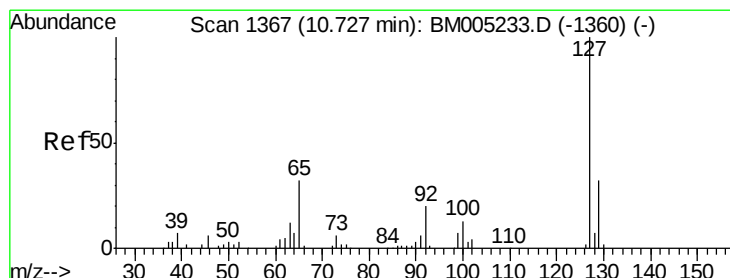
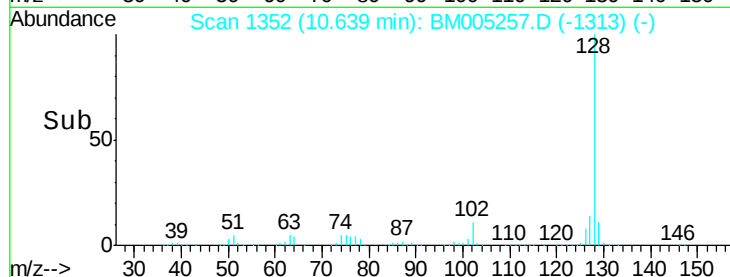
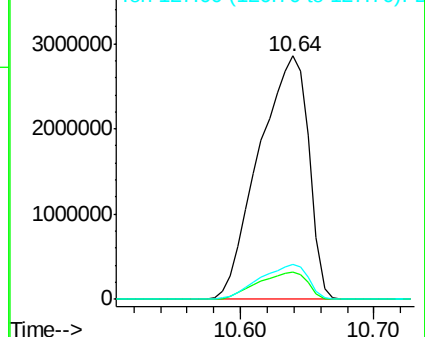
127 14.2 10.8 16.2



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



#30

4-Chloroaniline

Concen: 120.35 ng/ul

RT: 10.64 min Scan# 1352

Delta R.T. -0.09 min

Lab File: BM005257.D

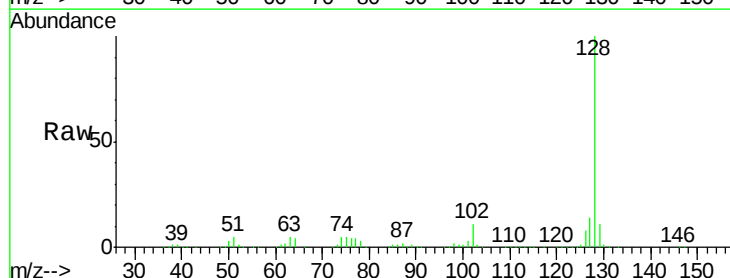
Acq: 06 May 2016 04:47

Tgt Ion:127 Resp: 1031149

Ion Ratio Lower Upper

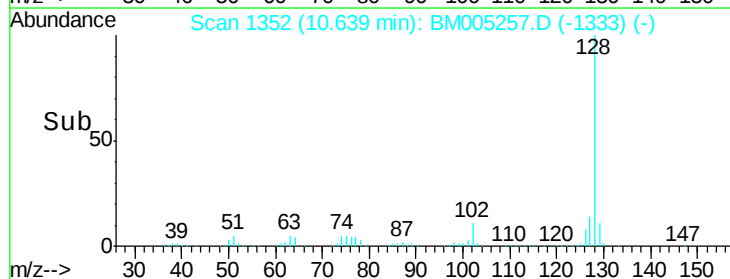
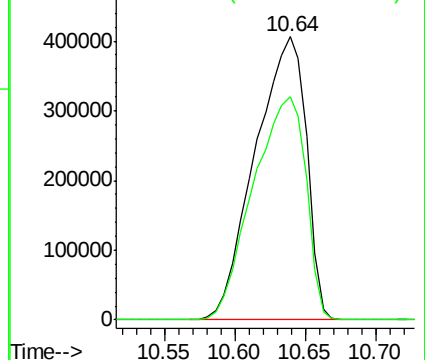
127 100

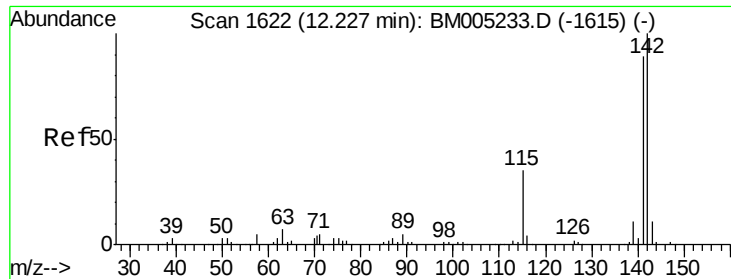
129 78.8 26.5 39.7#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

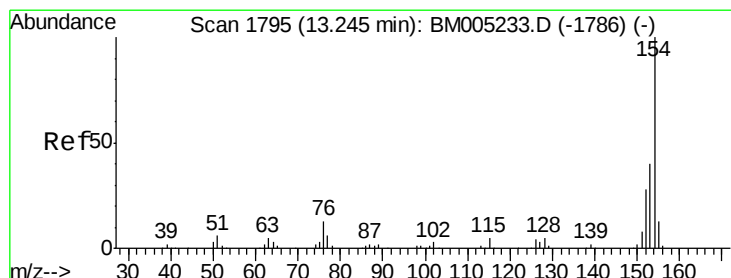
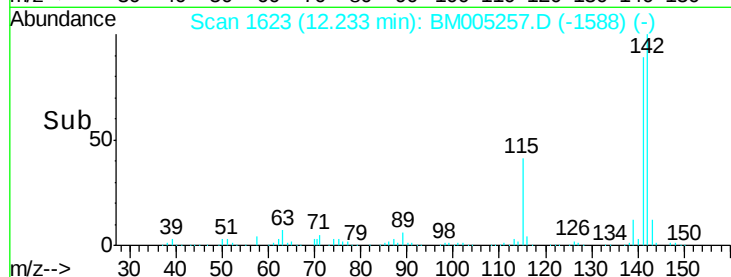
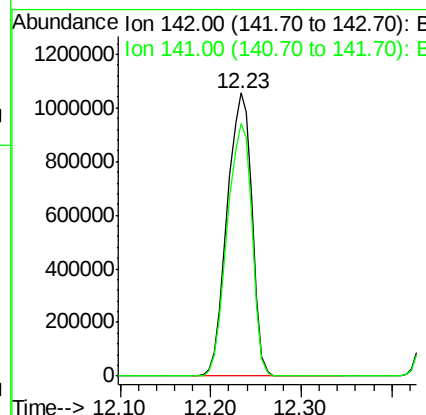
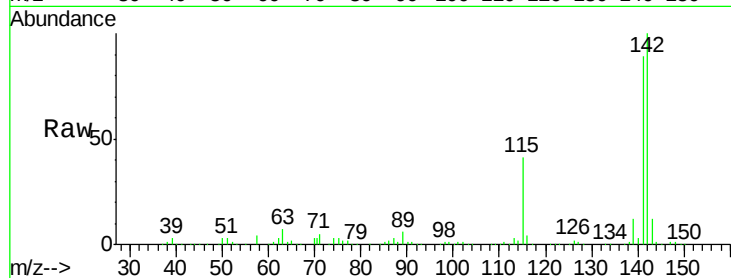




#34
 2-Methylnaphthalene
 Concen: 114.60 ng/ul
 RT: 12.23 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BM005257.D
 Acq: 06 May 2016 04:47

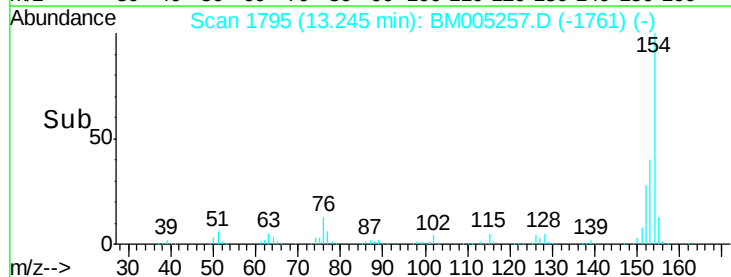
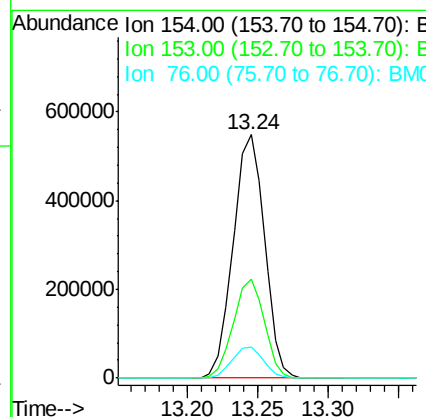
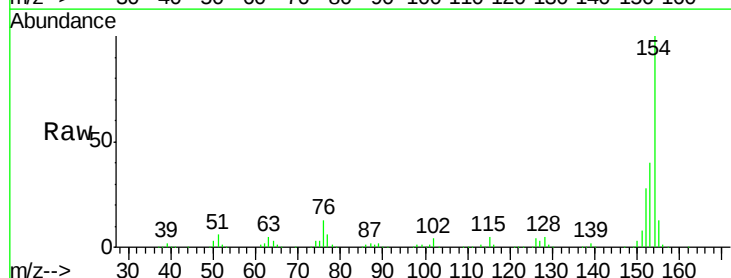
Instrument :
 BNA_M
 ClientSampleId :
 BC7T5

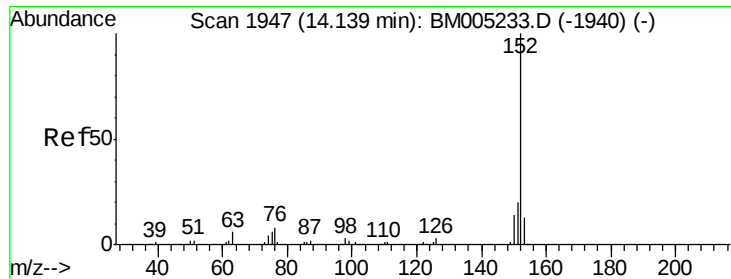
Tgt Ion:142 Resp: 2003592
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.3 106.9



#40
 1,1'-Biphenyl
 Concen: 35.92 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BM005257.D
 Acq: 06 May 2016 04:47

Tgt Ion:154 Resp: 853325
 Ion Ratio Lower Upper
 154 100
 153 40.5 32.1 48.1
 76 13.0 10.6 15.8





#47

Acenaphthylene

Concen: 4.69 ng/ul

RT: 14.13 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM005257.D

Acq: 06 May 2016 04:47

Instrument :

BNA_M

ClientSampleId :

BC7T5

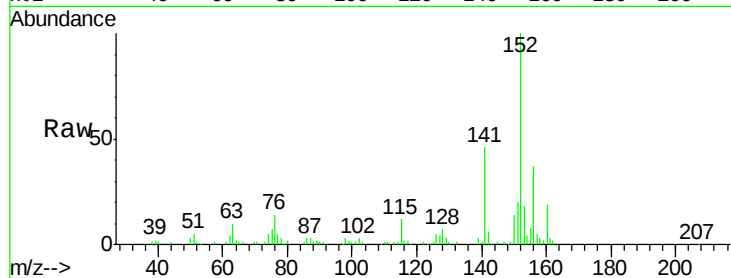
Tgt Ion:152 Resp: 139751

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

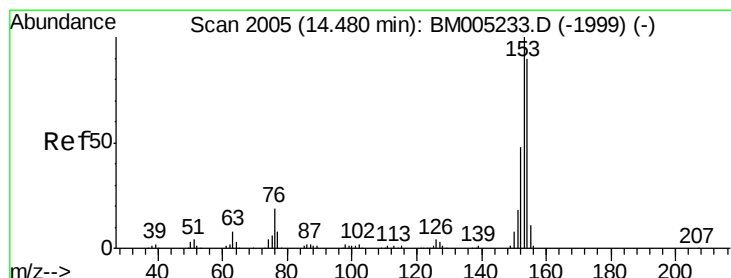
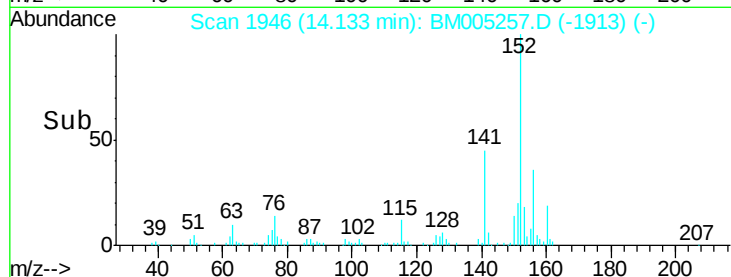
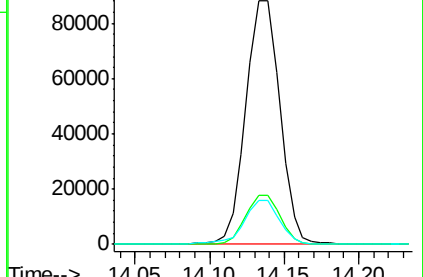
153 18.1 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 85.93 ng/ul

RT: 14.49 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BM005257.D

Acq: 06 May 2016 04:47

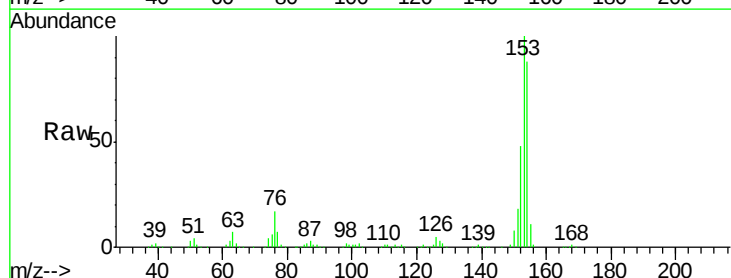
Tgt Ion:153 Resp: 1688987

Ion Ratio Lower Upper

153 100

152 48.1 38.9 58.3

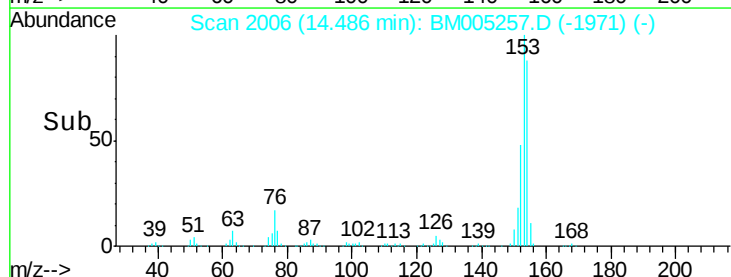
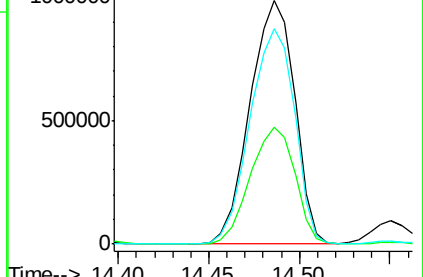
154 88.3 70.3 105.5

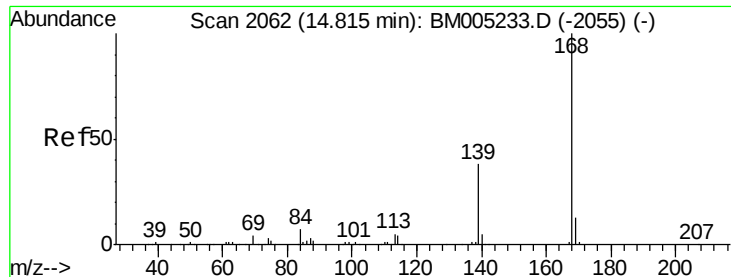


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

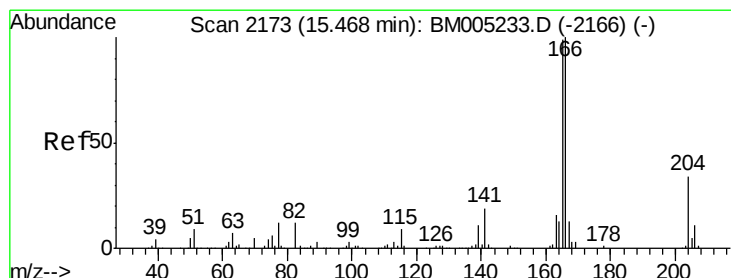
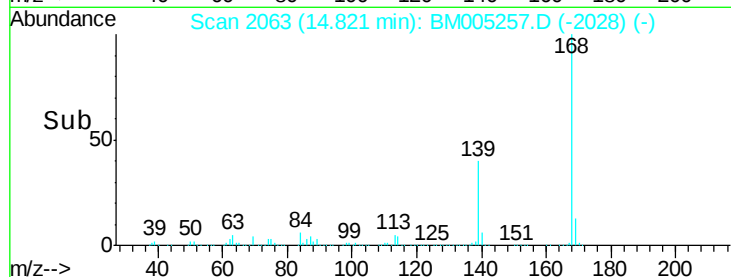
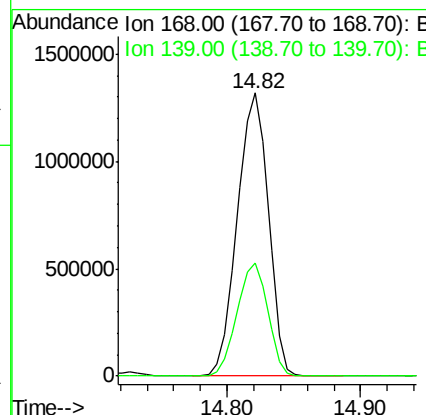
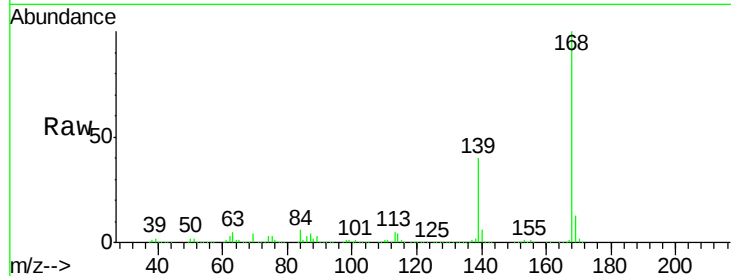




#53
Dibenzenofuran
Concen: 74.79 ng/ul
RT: 14.82 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BM005257.D
Acq: 06 May 2016 04:47

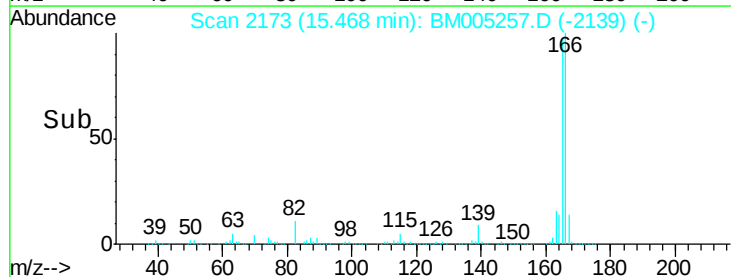
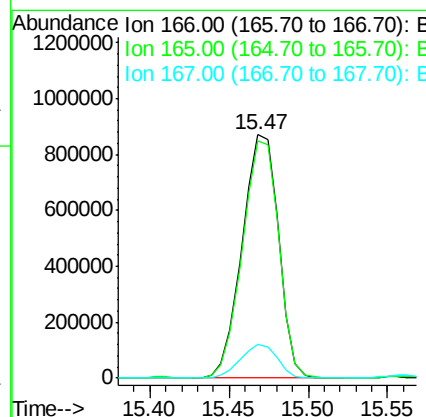
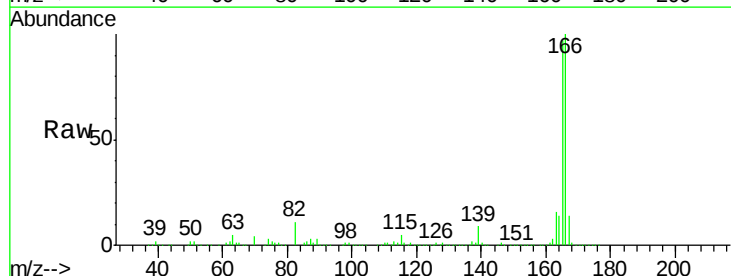
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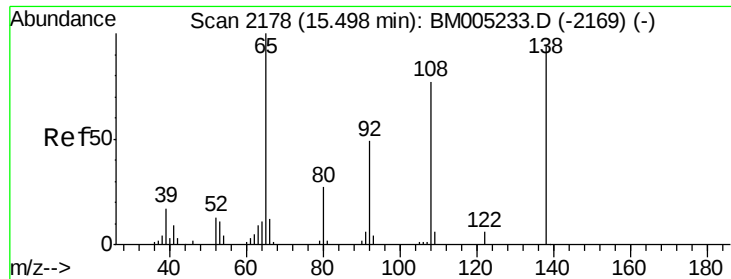
Tgt Ion:168 Resp: 2132917
Ion Ratio Lower Upper
168 100
139 40.2 30.3 45.5



#58
Fluorene
Concen: 62.12 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BM005257.D
Acq: 06 May 2016 04:47

Tgt Ion:166 Resp: 1385186
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 13.6 10.6 16.0

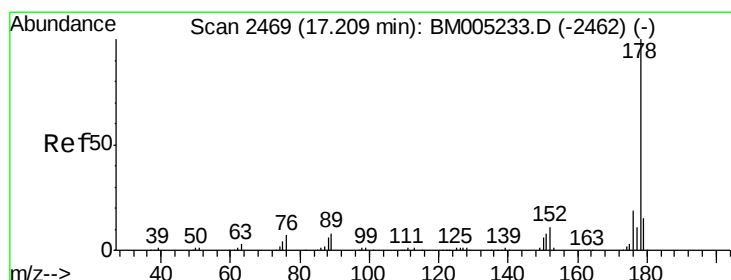
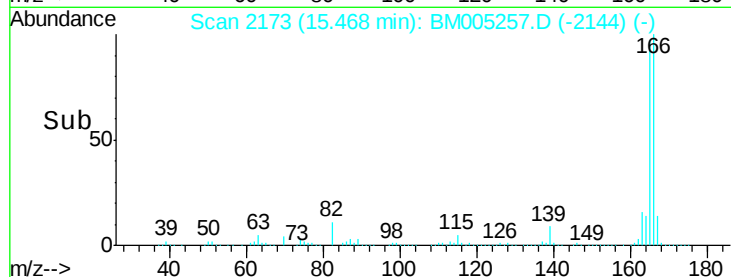
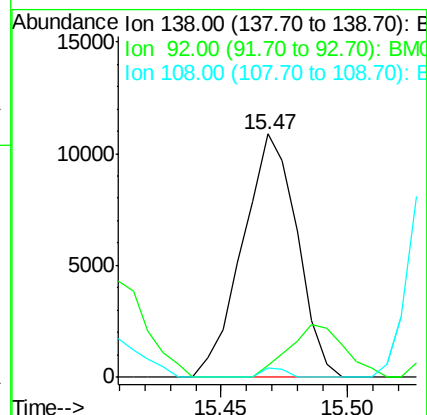
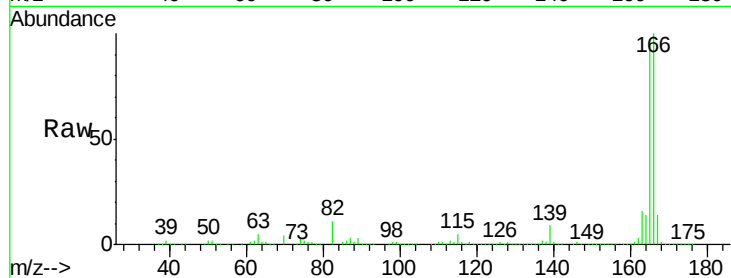




#60
4-Nitroaniline
Concen: 3.05 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BM005257.D
Acq: 06 May 2016 04:47

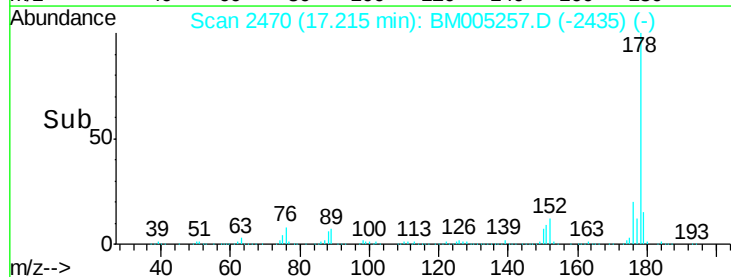
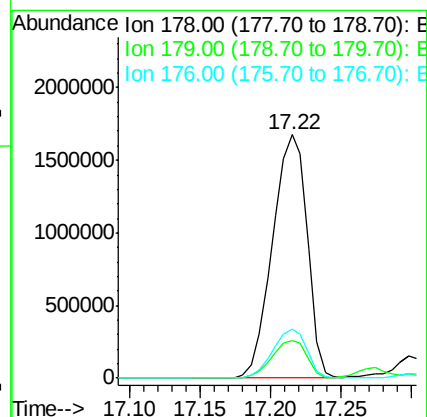
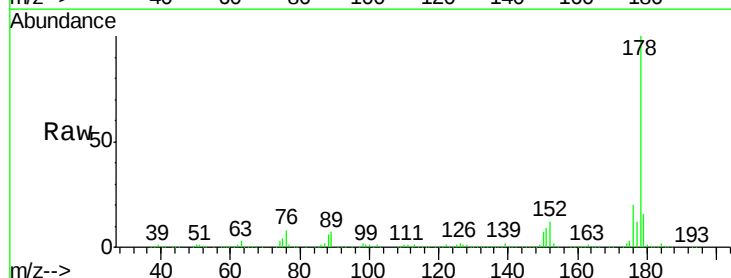
Instrument :
BNA_M
ClientSampled :
BC7T5

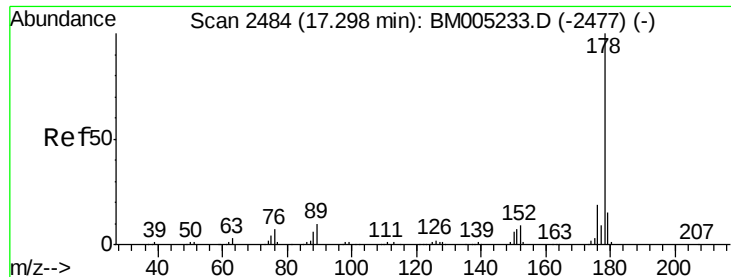
Tgt Ion:138 Resp: 16297
Ion Ratio Lower Upper
138 100
92 4.7 44.3 66.5#
108 3.7 66.3 99.5#



#69
Phenanthrene
Concen: 77.52 ng/ul
RT: 17.22 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BM005257.D
Acq: 06 May 2016 04:47

Tgt Ion:178 Resp: 2874130
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 20.0 15.2 22.8

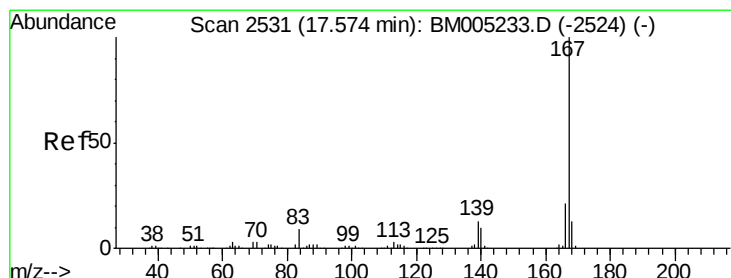
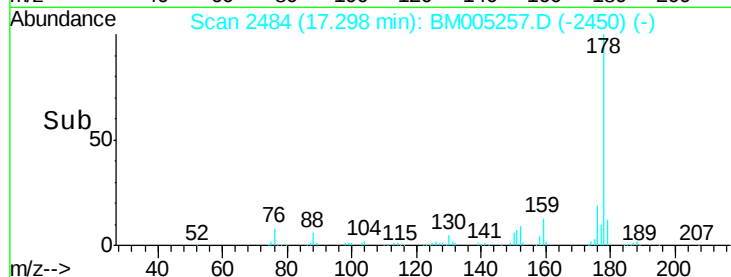
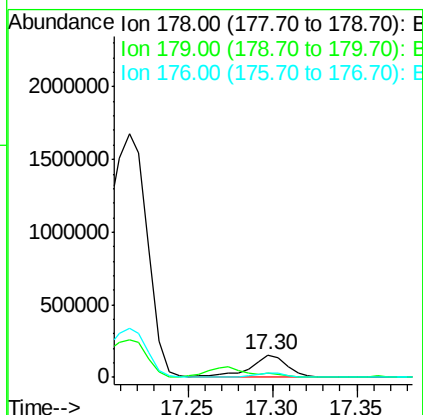
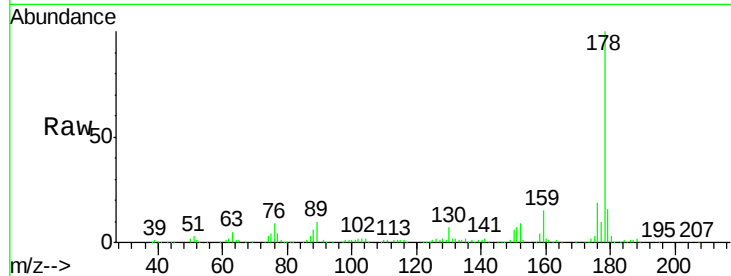




#71
 Anthracene
 Concen: 6.22 ng/ul
 RT: 17.30 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BM005257.D
 Acq: 06 May 2016 04:47

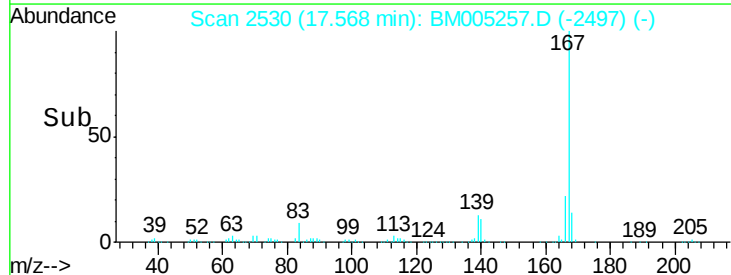
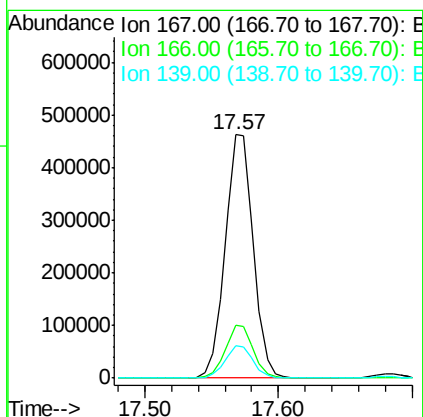
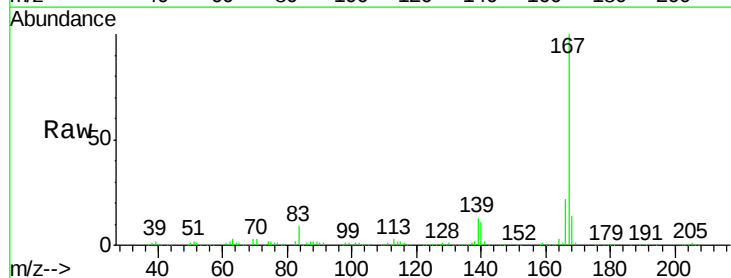
Instrument :
 BNA_M
 ClientSampled :
 BC7T5

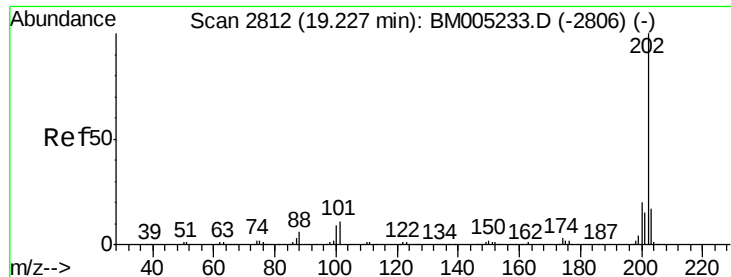
Tgt Ion:178 Resp: 230033
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.4 18.6
 176 19.1 15.1 22.7



#72
 Carbazole
 Concen: 21.03 ng/ul
 RT: 17.57 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BM005257.D
 Acq: 06 May 2016 04:47

Tgt Ion:167 Resp: 683844
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 13.5 10.2 15.2





#74

Fluoranthene

Concen: 17.13 ng/ul

RT: 19.23 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BM005257.D

Acq: 06 May 2016 04:47

Instrument :

BNA_M

ClientSampleId :

BC7T5

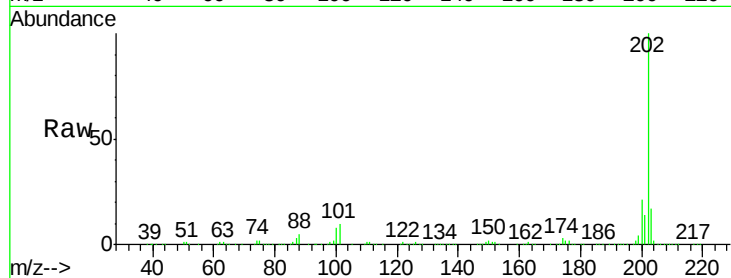
Tgt Ion:202 Resp: 703823

Ion Ratio Lower Upper

202 100

101 10.4 9.2 13.8

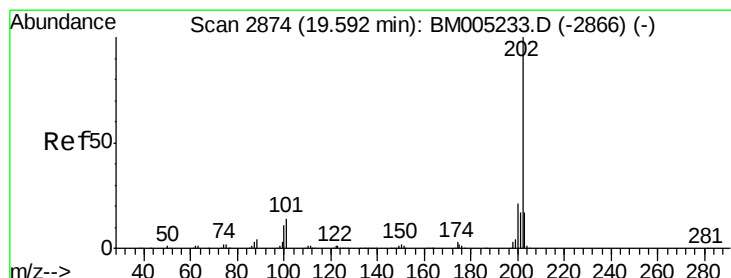
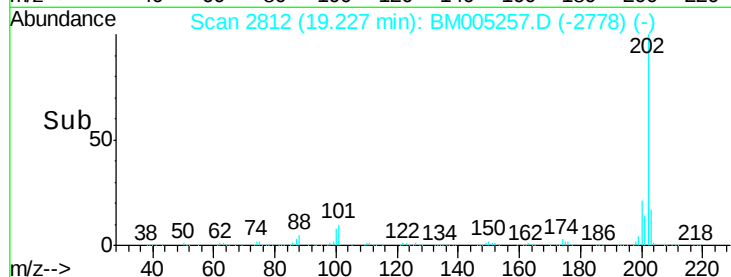
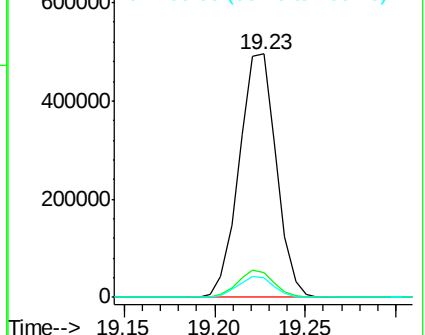
100 8.1 7.1 10.7



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



#77

Pyrene

Concen: 8.93 ng/ul

RT: 19.59 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BM005257.D

Acq: 06 May 2016 04:47

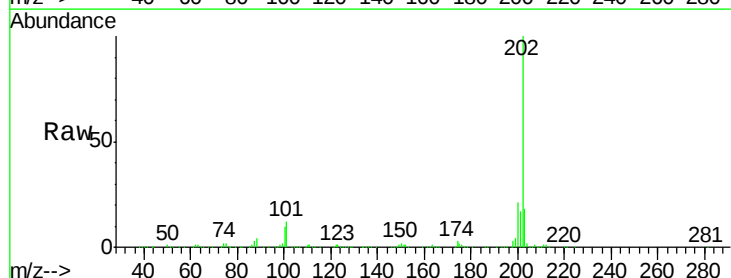
Tgt Ion:202 Resp: 441614

Ion Ratio Lower Upper

202 100

101 12.0 10.8 16.2

100 9.9 8.4 12.6



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

