

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050916\
 Data File : BM005353.D
 Acq On : 09 May 2016 09:58
 Operator : UM/SJ
 Sample : H2813-14DL 20X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7T5DL

Quant Time: May 10 04:24:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 04:23:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	59952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	286217	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	187084	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	446787	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	505689	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	428865	20.00	ng/ul	0.00

System Monitoring Compounds

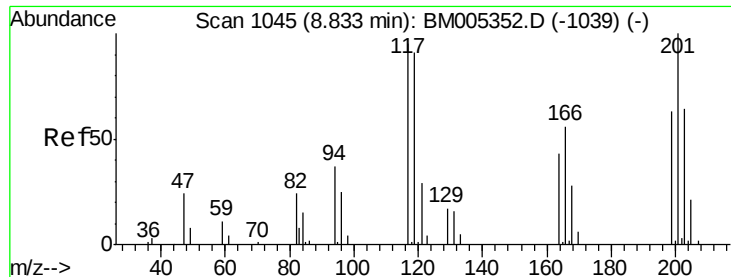
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.97	99	1046	0.19	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.11	67	4562	1.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	4810	1.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.50	113	2406	0.54	ng/ul	0.02
19) Nitrobenzene-d5	8.93	128	2242	1.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	2389	1.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	5148	1.20	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	1067	0.21	ng/ul	0.05
43) Dimethylphthalate-d6	13.82	166	26481	1.77	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	30812	1.75	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.40	176	27237	2.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	1167	0.46	ng/ul	0.01
70) Anthracene-d10	17.26	188	42351	2.14	ng/ul	0.00
76) Pyrene-d10	19.56	212	47560	2.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	36882	1.94	ng/ul	0.00

Target Compounds

						Qvalue
17) Hexachloroethane	8.95	117	2248	1.42	ng/ul#	8
28) Naphthalene	10.60	128	592585	41.15	ng/ul	99
30) 4-Chloroaniline	10.60	127	77807	14.74	ng/ul#	11
34) 2-Methylnaphthalene	12.22	142	112354	10.43	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	37547	2.53	ng/ul	100
49) Acenaphthene	14.47	153	95896	7.82	ng/ul	98
53) Dibenzofuran	14.81	168	114224	6.42	ng/ul	100
58) Fluorene	15.46	166	70663	5.08	ng/ul	98
69) Phenanthrene	17.20	178	174792	7.44	ng/ul	100
72) Carbazole	17.56	167	23921	1.16	ng/ul	99
74) Fluoranthene	19.22	202	27177	1.04	ng/ul	98

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

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Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
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#17

Hexachloroethane

Concen: 1.42 ng/ul

RT: 8.95 min Scan# 1064

Delta R.T. 0.11 min

Lab File: BM005353.D

Acq: 09 May 2016 09:58

Instrument :

BNA_M

ClientSampleId :

BC7T5DL

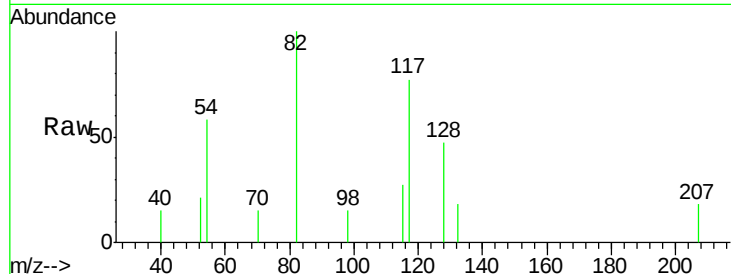
Tgt Ion:117 Resp: 2248

Ion Ratio Lower Upper

117 100

201 0.0 78.1 117.1#

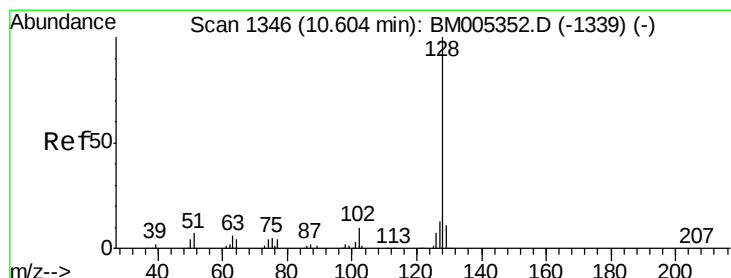
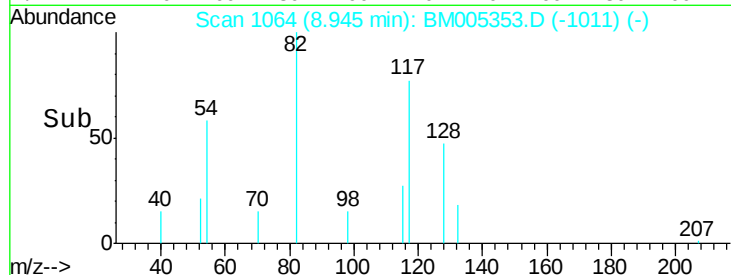
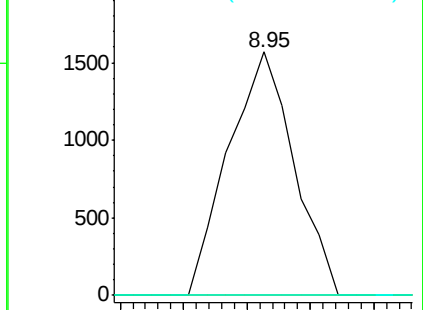
199 0.0 50.2 75.2#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 41.15 ng/ul

RT: 10.60 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BM005353.D

Acq: 09 May 2016 09:58

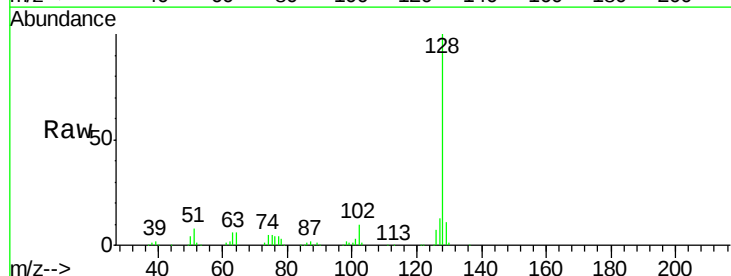
Tgt Ion:128 Resp: 592585

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

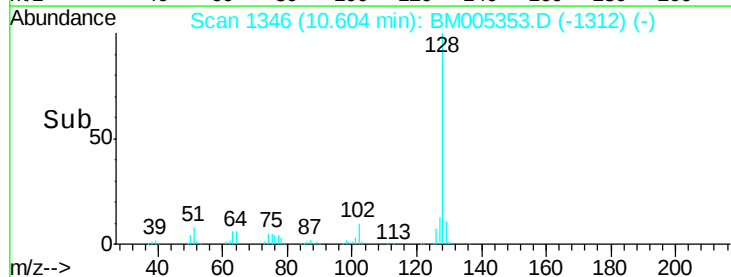
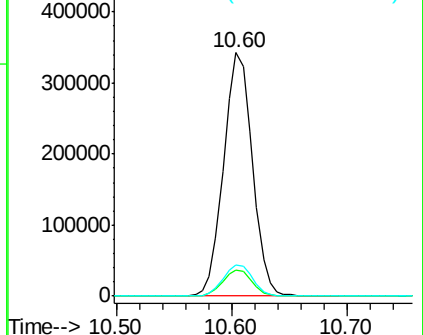
127 13.0 10.8 16.2

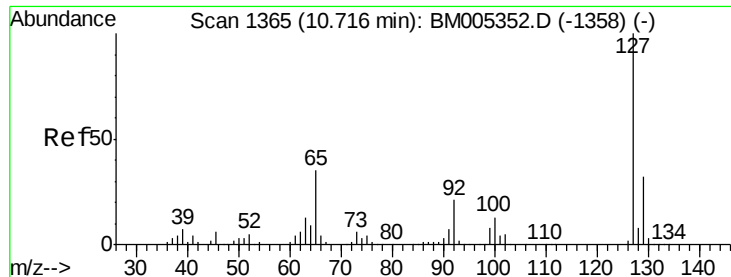


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

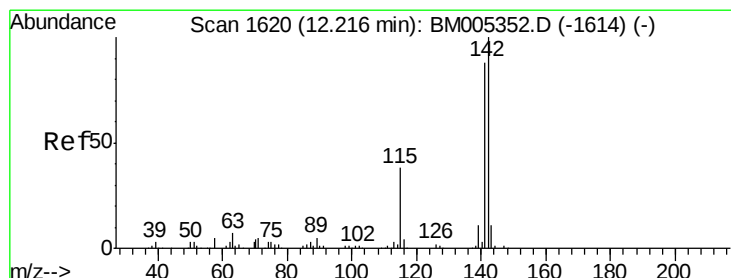
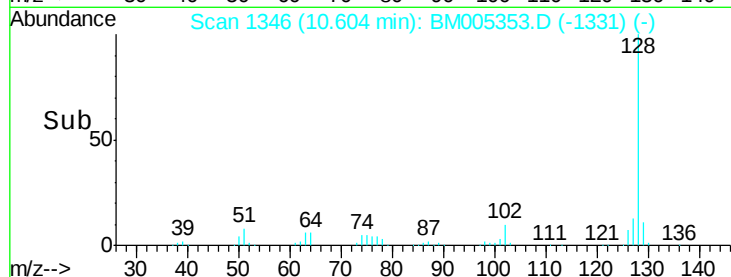
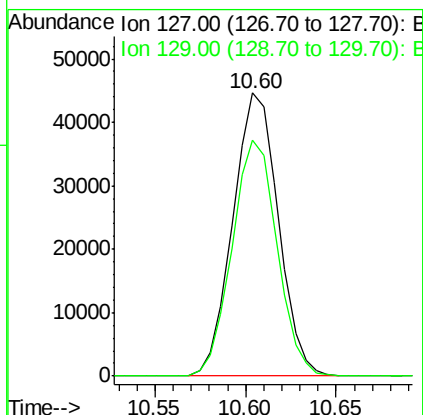
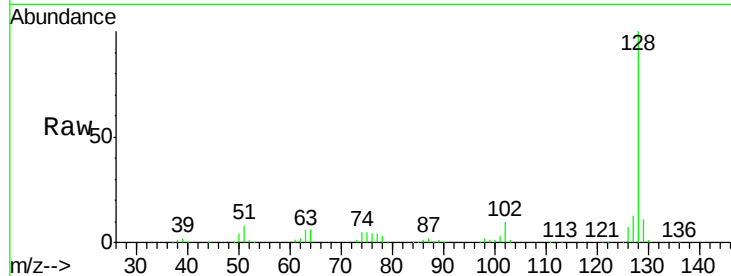




#30
4-Chloroaniline
Concen: 14.74 ng/ul
RT: 10.60 min Scan# 1346
Delta R.T. -0.11 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

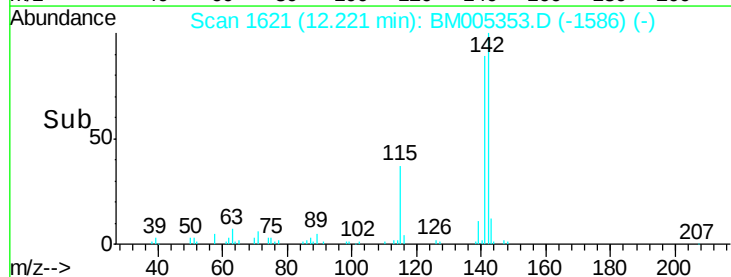
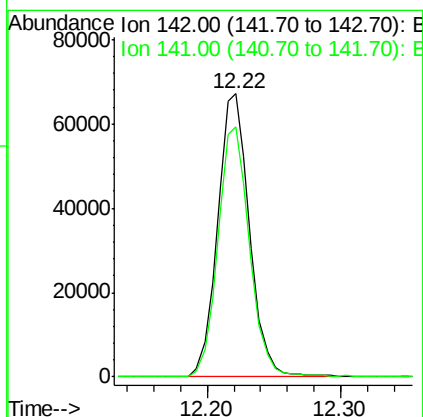
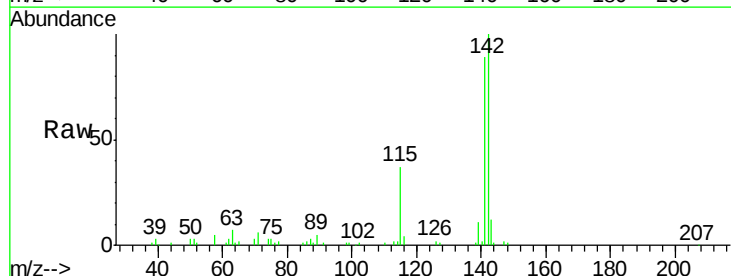
Instrument :
BNA_M
ClientSampleId :
BC7T5DL

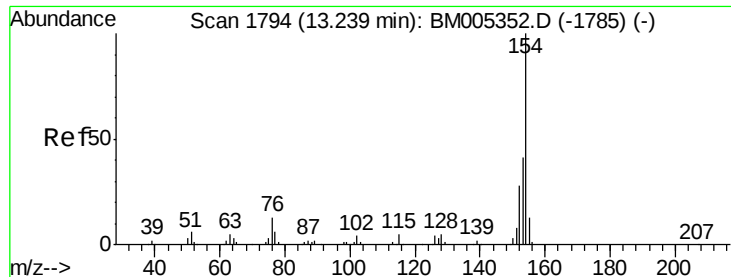
Tgt Ion:127 Resp: 77807
Ion Ratio Lower Upper
127 100
129 83.2 26.5 39.7#



#34
2-Methylnaphthalene
Concen: 10.43 ng/ul
RT: 12.22 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

Tgt Ion:142 Resp: 112354
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9





#40

1,1'-Biphenyl

Concen: 2.53 ng/ul

RT: 13.24 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BM005353.D

Acq: 09 May 2016 09:58

Instrument :

BNA_M

ClientSampleId :

BC7T5DL

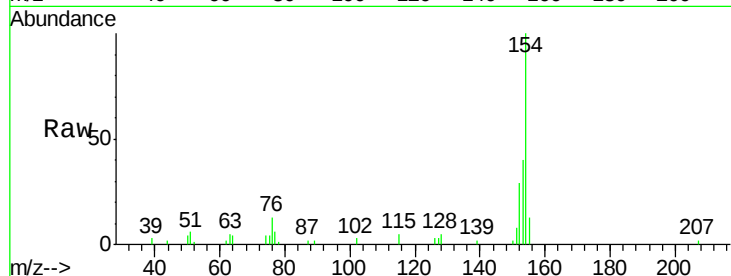
Tgt Ion:154 Resp: 37547

Ion Ratio Lower Upper

154 100

153 40.1 32.1 48.1

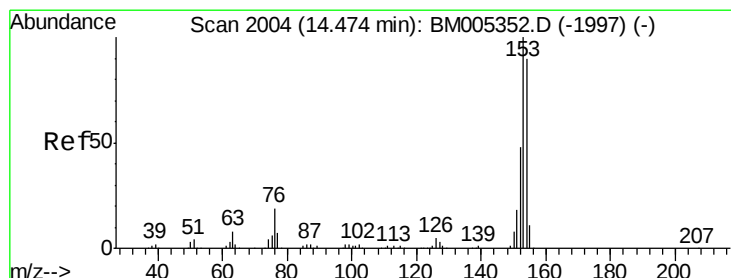
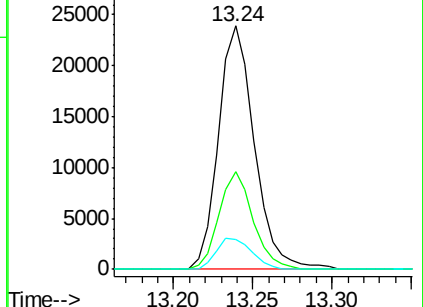
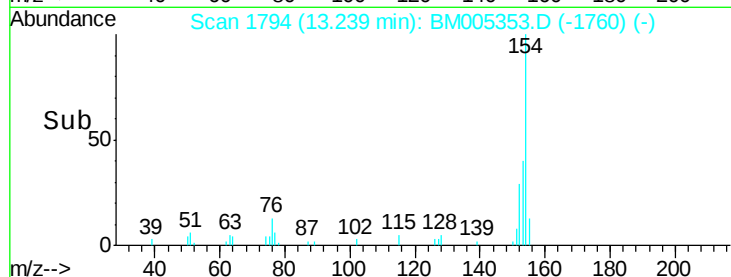
76 12.5 10.6 15.8



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: 7.82 ng/ul

RT: 14.47 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM005353.D

Acq: 09 May 2016 09:58

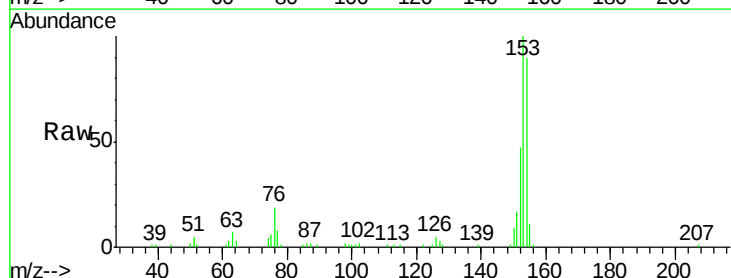
Tgt Ion:153 Resp: 95896

Ion Ratio Lower Upper

153 100

152 47.2 38.9 58.3

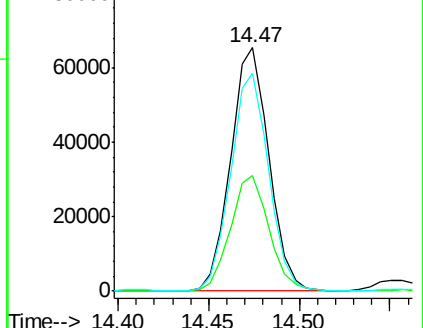
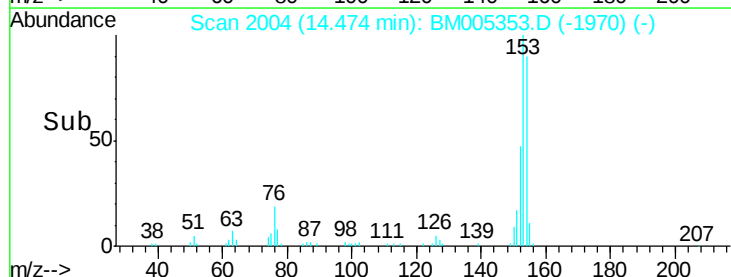
154 89.7 70.3 105.5

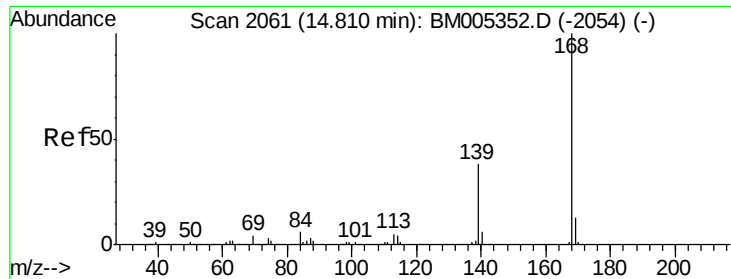


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

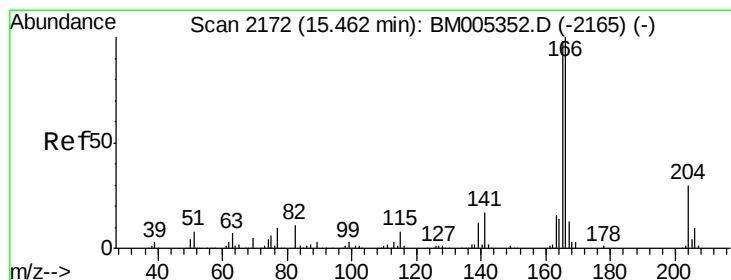
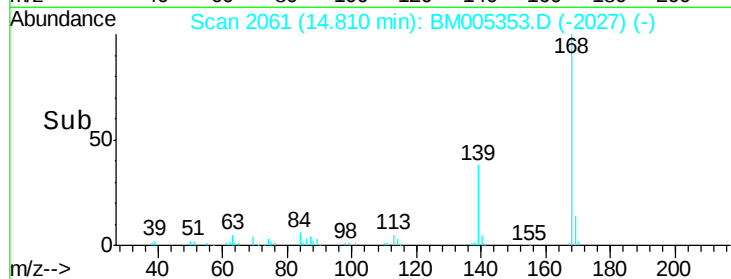
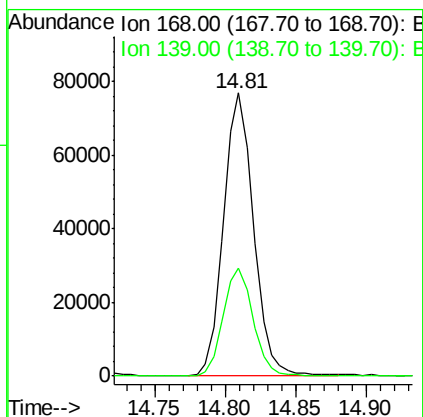
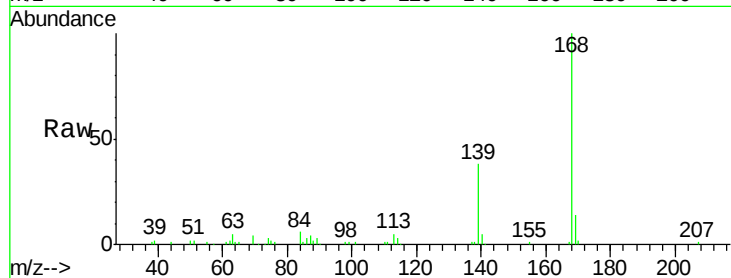




#53
Dibenzenofuran
Concen: 6.42 ng/ul
RT: 14.81 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

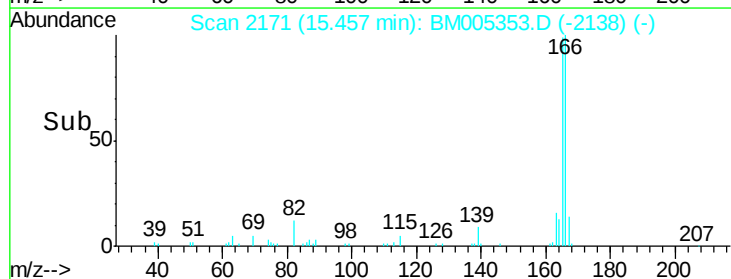
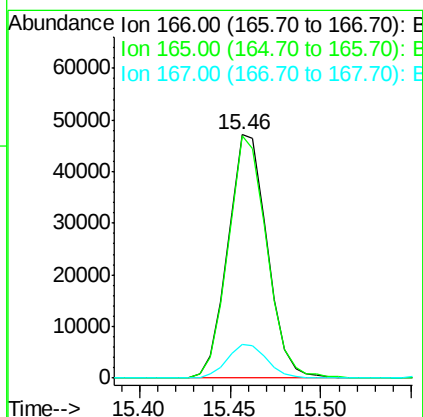
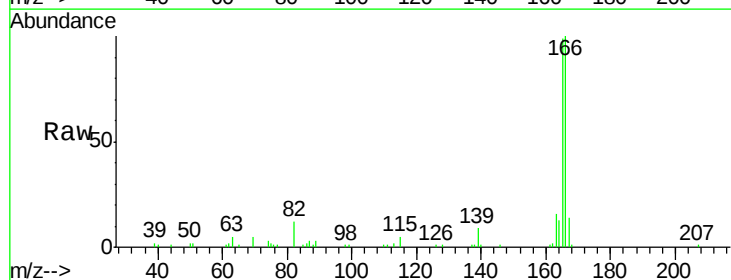
Instrument :
BNA_M
ClientSampleId :
BC7T5DL

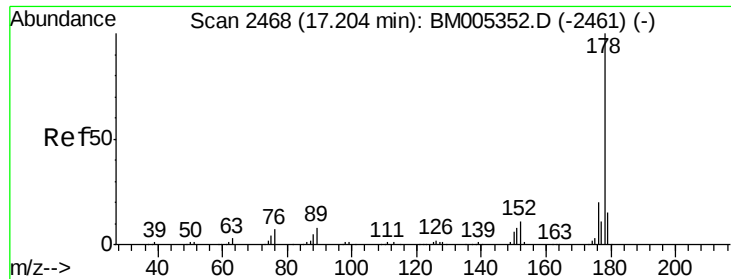
Tgt Ion:168 Resp: 114224
Ion Ratio Lower Upper
168 100
139 38.1 30.3 45.5



#58
Fluorene
Concen: 5.08 ng/ul
RT: 15.46 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

Tgt Ion:166 Resp: 70663
Ion Ratio Lower Upper
166 100
165 99.4 77.9 116.9
167 14.1 10.6 16.0





#69

Phenanthrene

Concen: 7.44 ng/ul

RT: 17.20 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BM005353.D

Acq: 09 May 2016 09:58

Instrument :

BNA_M

ClientSampleId :

BC7T5DL

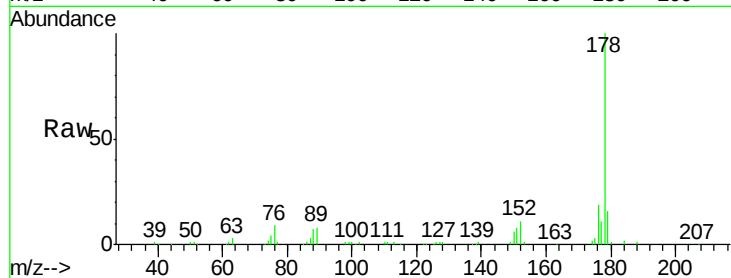
Tgt Ion:178 Resp: 174792

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

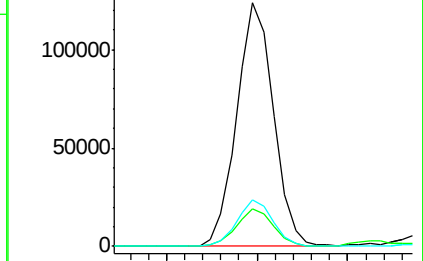
176 18.8 15.2 22.8



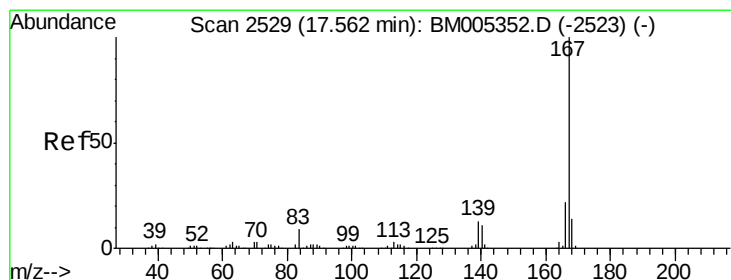
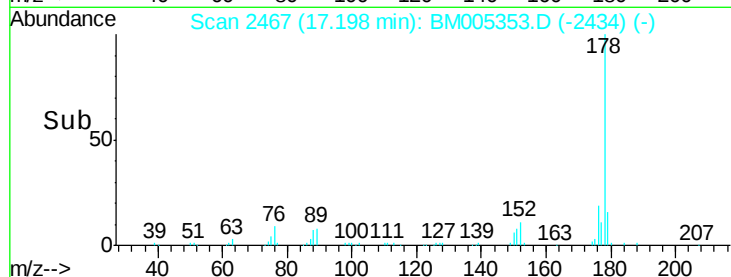
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#72

Carbazole

Concen: 1.16 ng/ul

RT: 17.56 min Scan# 2529

Delta R.T. -0.00 min

Lab File: BM005353.D

Acq: 09 May 2016 09:58

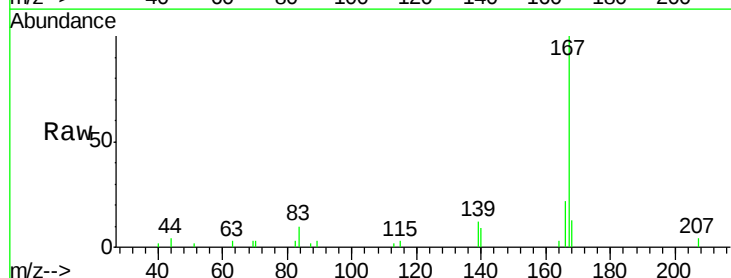
Tgt Ion:167 Resp: 23921

Ion Ratio Lower Upper

167 100

166 21.9 17.1 25.7

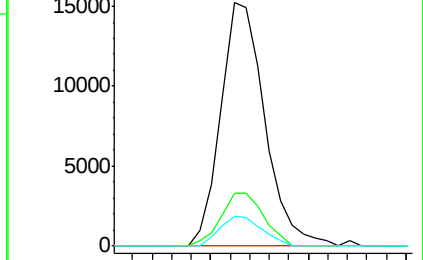
139 12.4 10.2 15.2



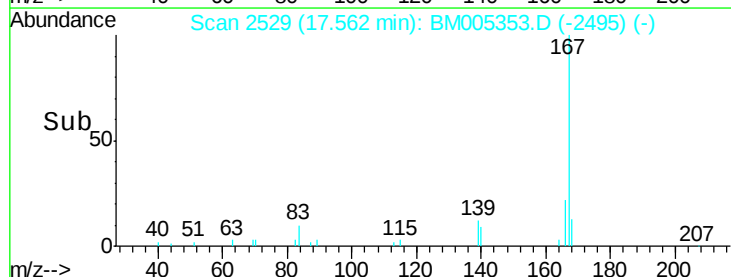
Abundance Ion 167.00 (166.70 to 167.70): E

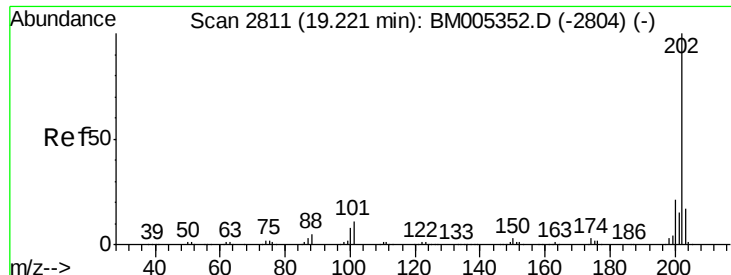
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#74

Fluoranthene

Concen: 1.04 ng/ul

RT: 19.22 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM005353.D

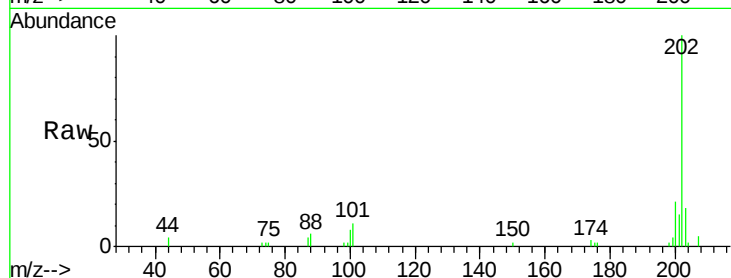
Acq: 09 May 2016 09:58

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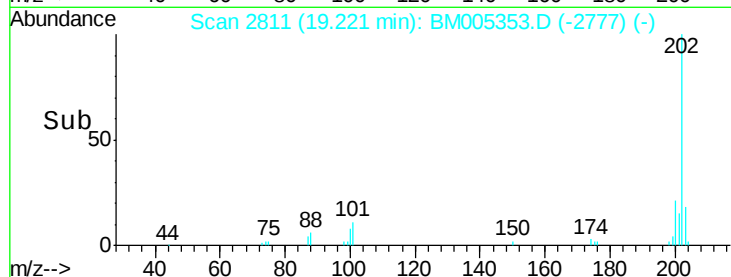
Tgt Ion:202 Resp: 27177

Ion Ratio Lower Upper

202 100

101 10.7 9.2 13.8

100 7.8 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

