

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
 Data File : BM008320.D
 Acq On : 14 Dec 2016 22:00
 Operator : UM/SJ
 Sample : H5976-13
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8P5

Quant Time: Dec 15 02:33:46 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 02:28:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	145132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	610211	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	420692	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	796009	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	811797	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	775918	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	3469	1.12	ng/uL	0.00
5) Phenol-d5	6.87	99	59407	5.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	186806	28.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	190022	22.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	123766	14.19	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	131448	29.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	142143	29.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	241694	26.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	32121	3.13	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	911242	32.58	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1029819	31.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	13882	3.37	ng/ul	0.04
57) Fluorene-d10	15.31	176	769165	31.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	126671	26.73	ng/ul	0.00
70) Anthracene-d10	17.16	188	1183450	34.13	ng/ul	0.00
76) Pyrene-d10	19.46	212	1275492	40.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1162668	35.68	ng/ul	0.00

Target Compounds

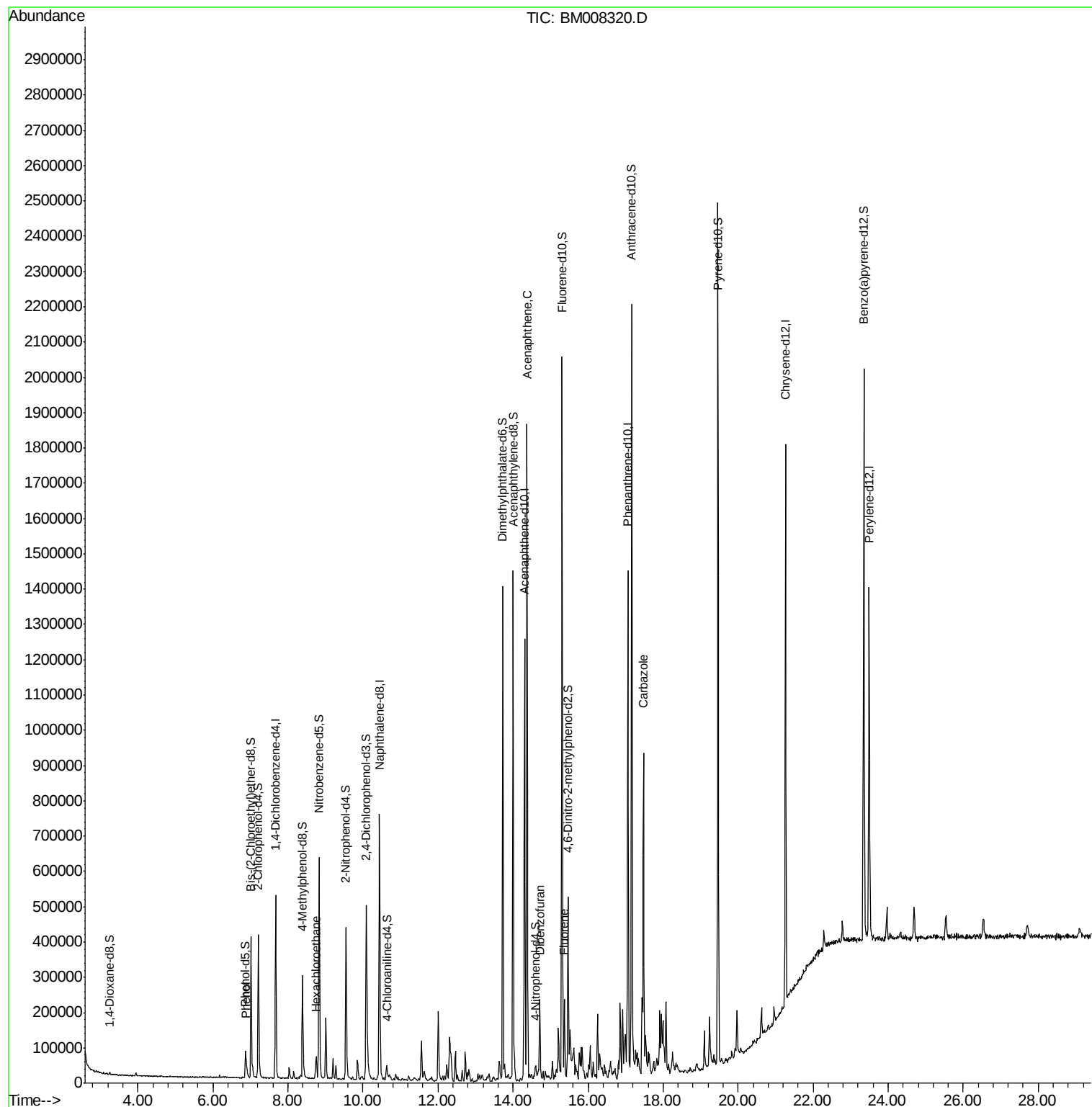
						Qvalue
6) Phenol	6.90	94	14425	1.23	ng/ul	97
17) Hexachloroethane	8.76	117	5764	1.48	ng/ul#	3
49) Acenaphthene	14.37	153	720412	31.17	ng/ul	98
53) Dibenzofuran	14.72	168	139657	4.15	ng/ul	99
58) Fluorene	15.37	166	83543	3.02	ng/ul	97
72) Carbazole	17.48	167	579818	15.90	ng/ul	98

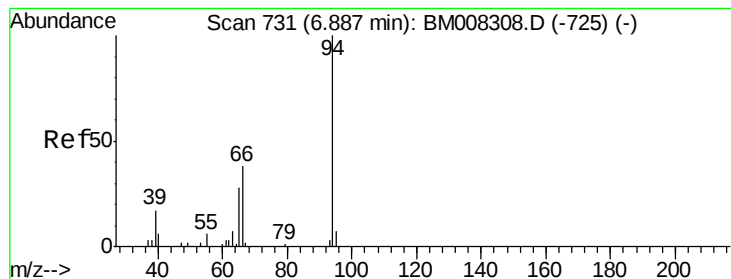
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.23 ng/ul

RT: 6.90 min Scan# 733

Delta R.T. 0.01 min

Lab File: BM008320.D

Acq: 14 Dec 2016 22:00

Instrument :

BNA_M

ClientSampleId :

DA8P5

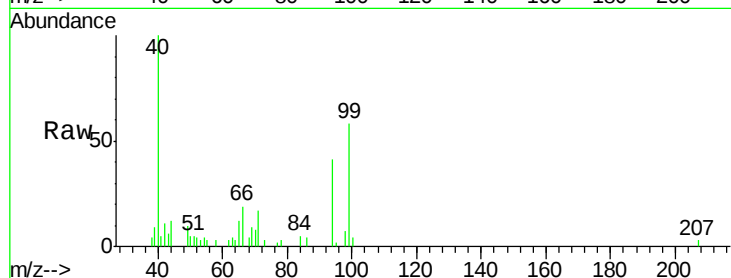
Tgt Ion: 94 Resp: 14425

Ion Ratio Lower Upper

94 100

65 30.4 22.6 34.0

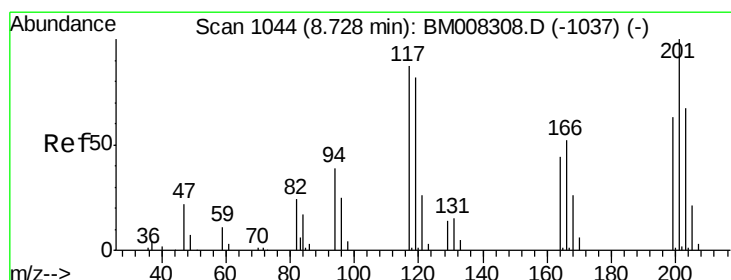
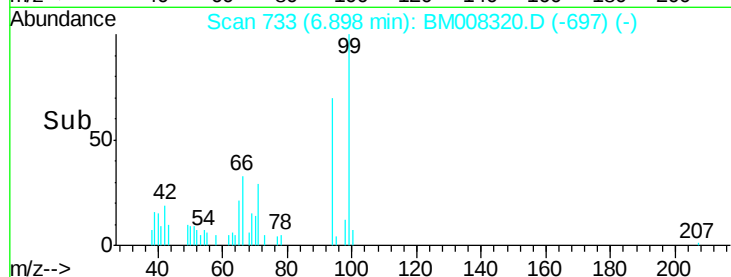
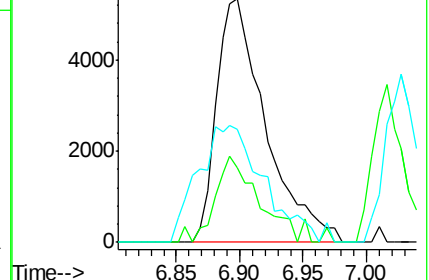
66 46.2 35.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BM008320.D (-697) (-)

Ion 65.00 (64.70 to 65.70): BM008320.D (-697) (-)

Ion 66.00 (65.70 to 66.70): BM008320.D (-697) (-)



#17

Hexachloroethane

Concen: 1.48 ng/ul

RT: 8.76 min Scan# 1050

Delta R.T. 0.04 min

Lab File: BM008320.D

Acq: 14 Dec 2016 22:00

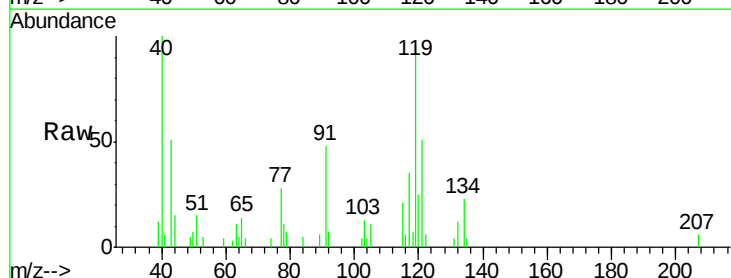
Tgt Ion: 117 Resp: 5764

Ion Ratio Lower Upper

117 100

201 0.0 88.1 132.1#

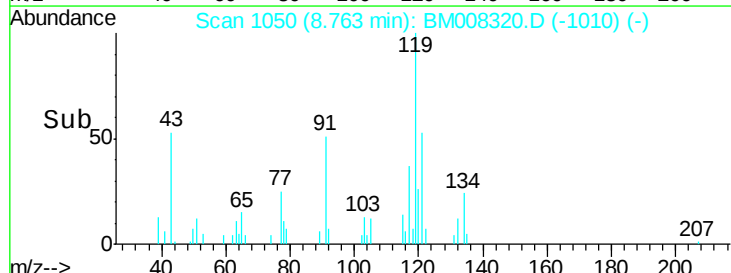
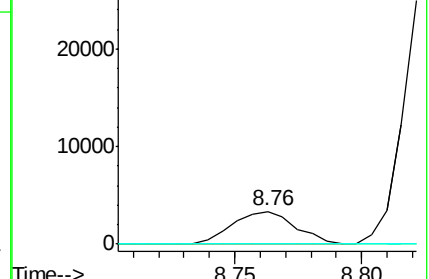
199 0.0 54.9 82.3#

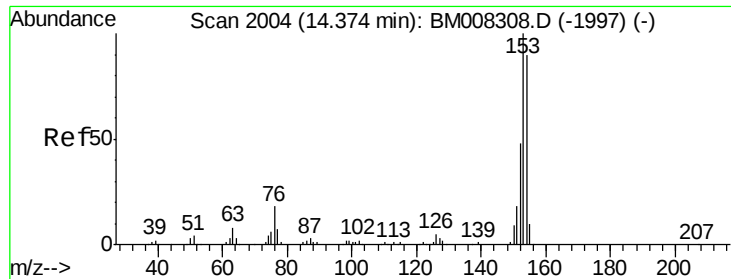


Abundance Ion 117.00 (116.70 to 117.70): BM008320.D (-1010) (-)

Ion 201.00 (200.70 to 201.70): BM008320.D (-1010) (-)

Ion 199.00 (198.70 to 199.70): BM008320.D (-1010) (-)





#49

Acenaphthene

Concen: 31.17 ng/ul

RT: 14.37 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM008320.D

Acq: 14 Dec 2016 22:00

Instrument :

BNA_M

ClientSampleId :

DA8P5

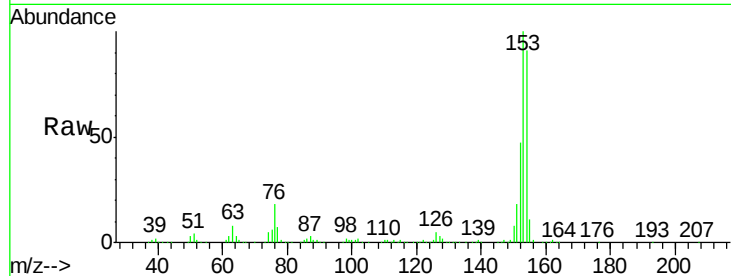
Tgt Ion:153 Resp: 720412

Ion Ratio Lower Upper

153 100

152 47.1 36.6 54.8

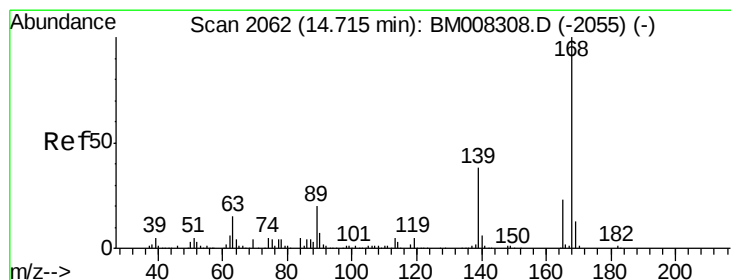
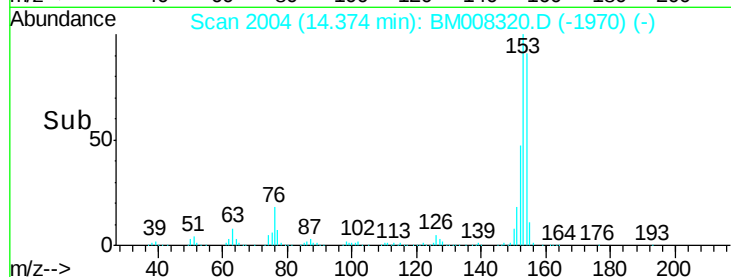
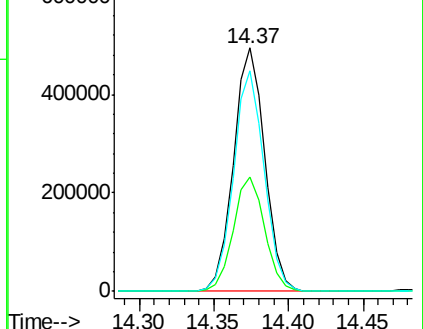
154 90.5 71.4 107.2



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: 4.15 ng/ul

RT: 14.72 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BM008320.D

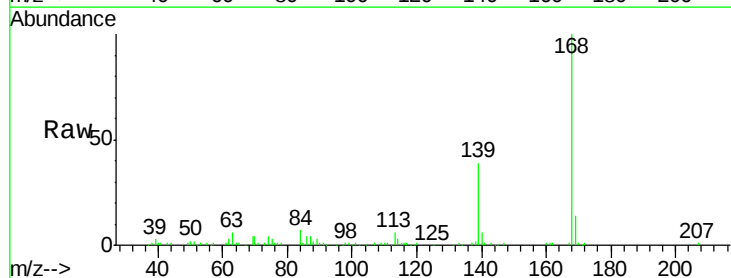
Acq: 14 Dec 2016 22:00

Tgt Ion:168 Resp: 139657

Ion Ratio Lower Upper

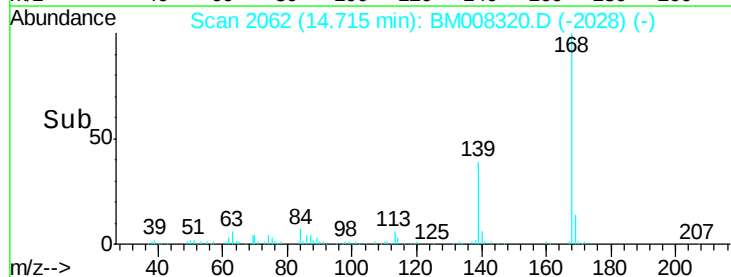
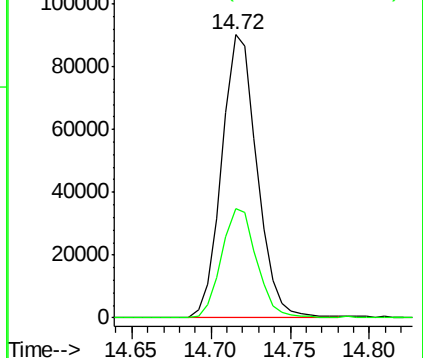
168 100

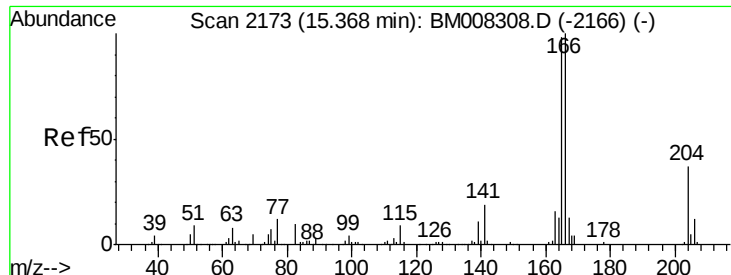
139 38.7 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 3.02 ng/ul

RT: 15.37 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BM008320.D

Acq: 14 Dec 2016 22:00

Instrument :

BNA_M

ClientSampleId :

DA8P5

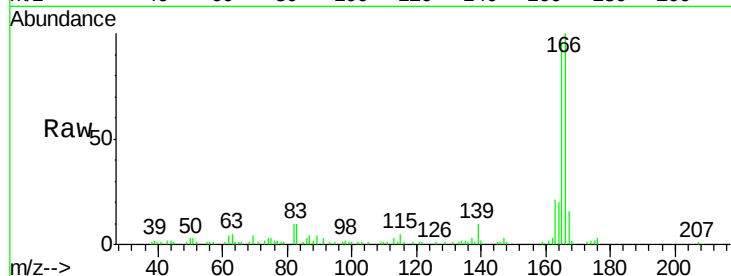
Tgt Ion:166 Resp: 83543

Ion Ratio Lower Upper

166 100

165 96.3 79.3 118.9

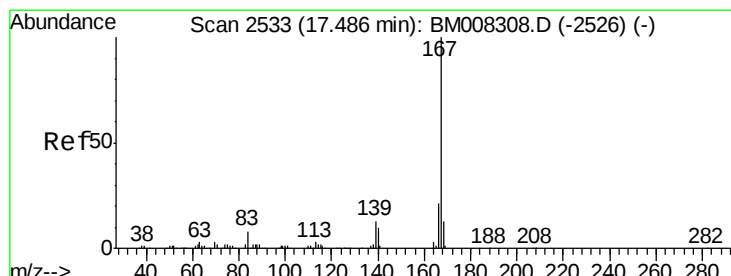
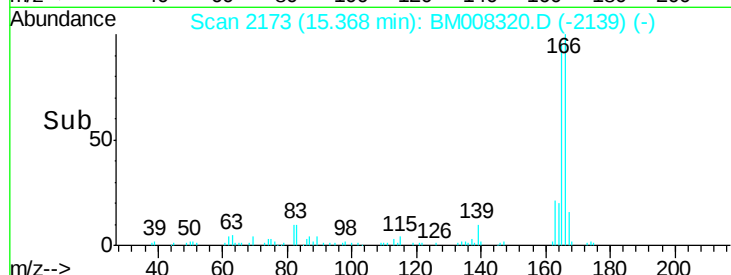
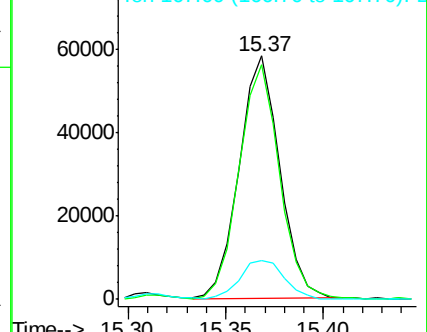
167 15.8 10.7 16.1



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



#72

Carbazole

Concen: 15.90 ng/ul

RT: 17.48 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BM008320.D

Acq: 14 Dec 2016 22:00

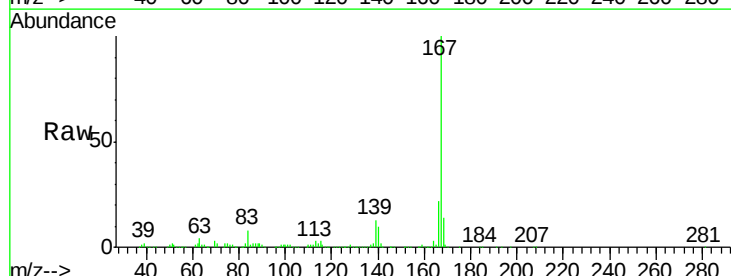
Tgt Ion:167 Resp: 579818

Ion Ratio Lower Upper

167 100

166 21.7 16.4 24.6

139 12.7 10.2 15.4



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

