

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
 Data File : BM008330.D
 Acq On : 15 Dec 2016 04:01
 Operator : UM/SJ
 Sample : H5976-09DL2 50X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8P1DL2

Quant Time: Dec 15 05:57:49 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 02:56:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	106352	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	438478	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	286278	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	554937	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	643264	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	662061	20.00	ng/ul	0.00

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	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.06	67	1610	0.34	ng/ul	0.05
9) 2-Chlorophenol-d4	7.26	132	1143	0.18	ng/ul	0.05
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	8.87	128	242	0.08	ng/ul	0.05
22) 2-Nitrophenol-d4	9.57	143	108	0.03	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.19	165	157	0.02	ng/ul	0.11
29) 4-Chloroaniline-d4	10.66	131	142	0.02	ng/ul	0.06
43) Dimethylphthalate-d6	13.75	166	13095	0.69	ng/ul	0.02
46) Acenaphthylene-d8	14.02	160	14333	0.64	ng/ul	0.02
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.32	176	13370	0.81	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.18	188	18590	0.77	ng/ul	0.02
76) Pyrene-d10	19.48	212	18588	0.75	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.36	264	17971	0.65	ng/ul	0.01

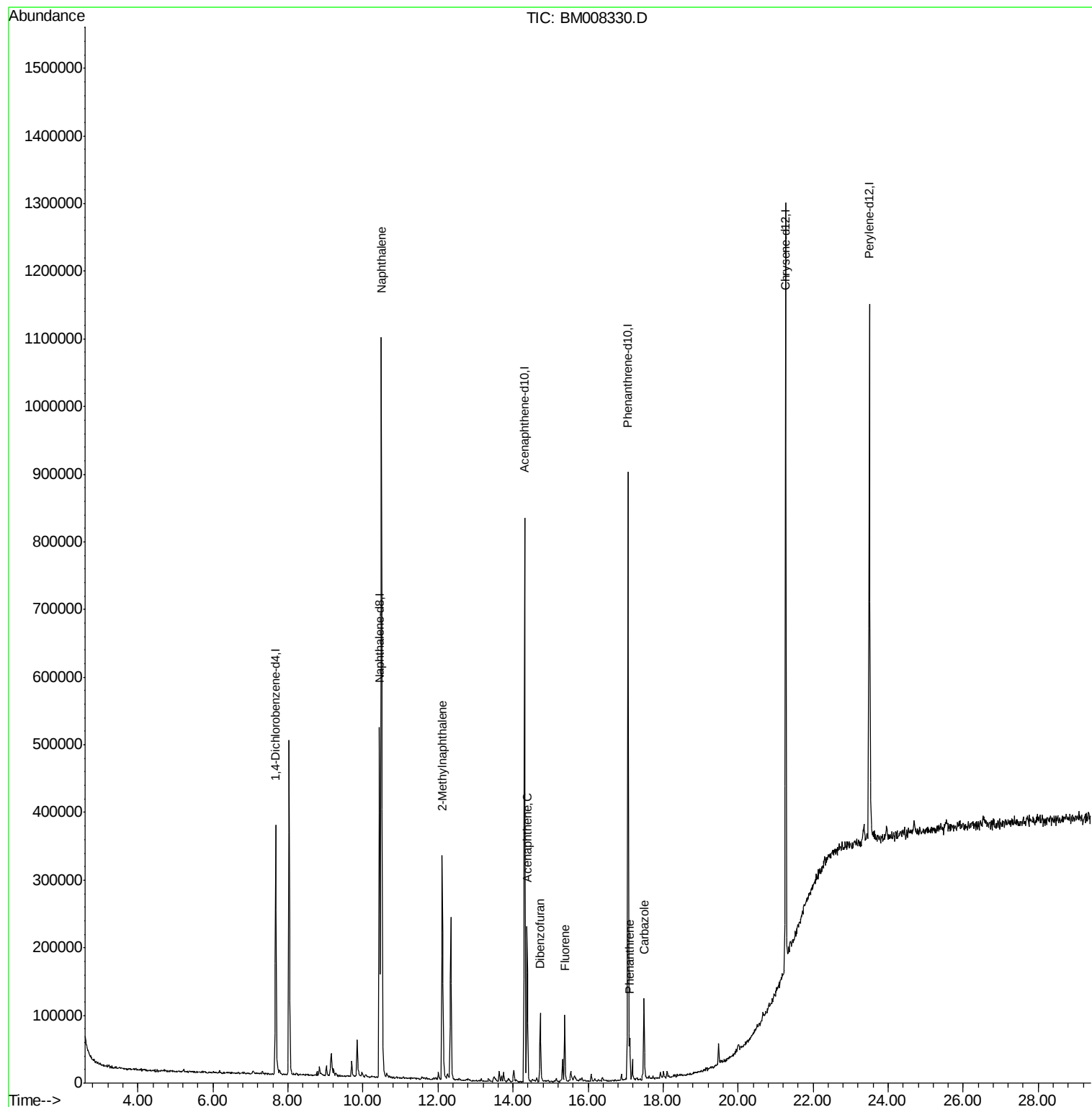
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.49	128	932799	44.94	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	186777	12.45	ng/ul	99
49) Acenaphthene	14.37	153	102643	6.53	ng/ul	97
53) Dibenzofuran	14.73	168	78807	3.44	ng/ul	100
58) Fluorene	15.38	166	50875	2.70	ng/ul	97
69) Phenanthrene	17.11	178	34826	1.22	ng/ul	100
72) Carbazole	17.49	167	82744	3.26	ng/ul	97

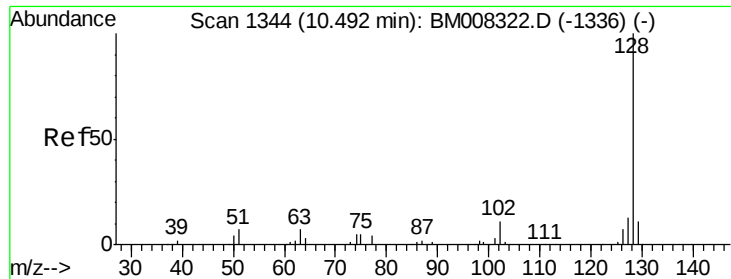
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 44.94 ng/ul

RT: 10.49 min Scan# 1344

Delta R.T. -0.00 min

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Acq: 15 Dec 2016 04:01

Instrument :

BNA_M

ClientSampleId :

DA8P1DL2

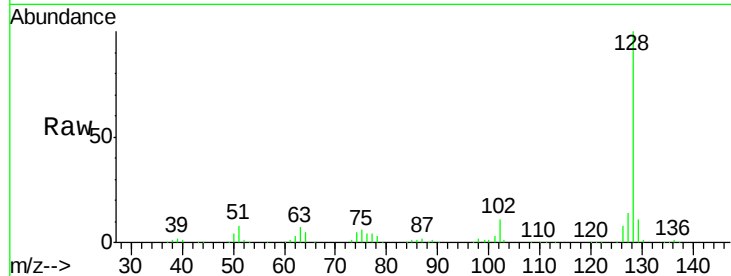
Tgt Ion:128 Resp: 932799

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

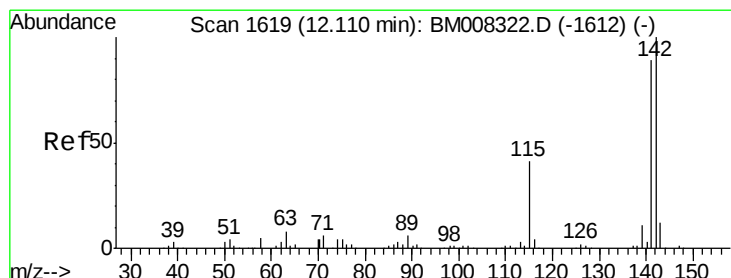
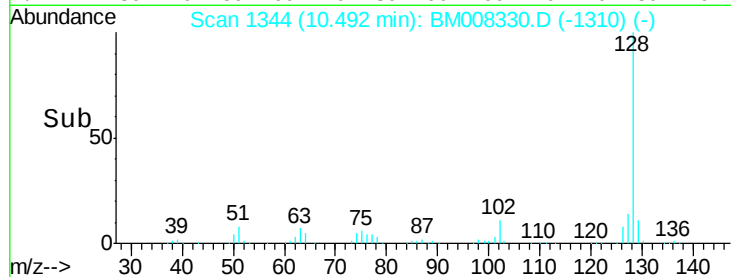
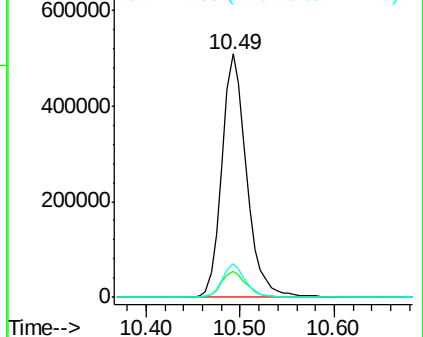
127 13.7 10.4 15.6



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



#34

2-Methylnaphthalene

Concen: 12.45 ng/ul

RT: 12.12 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BM008330.D

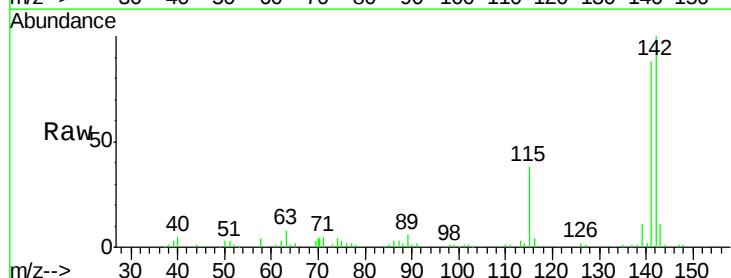
Acq: 15 Dec 2016 04:01

Tgt Ion:142 Resp: 186777

Ion Ratio Lower Upper

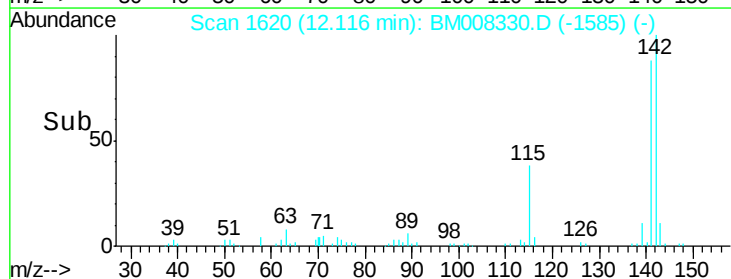
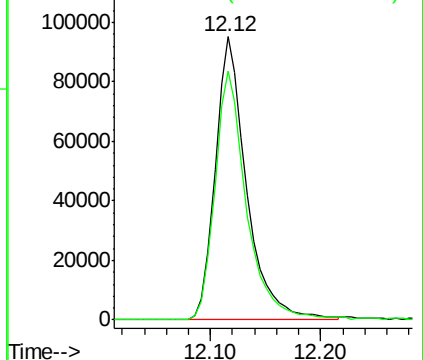
142 100

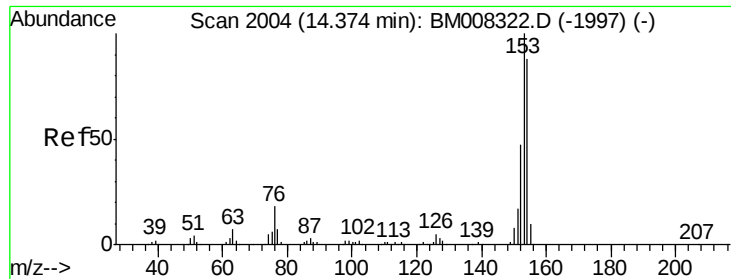
141 88.0 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#49

Acenaphthene

Concen: 6.53 ng/ul

RT: 14.37 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM008330.D

Acq: 15 Dec 2016 04:01

Instrument :

BNA_M

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DA8P1DL2

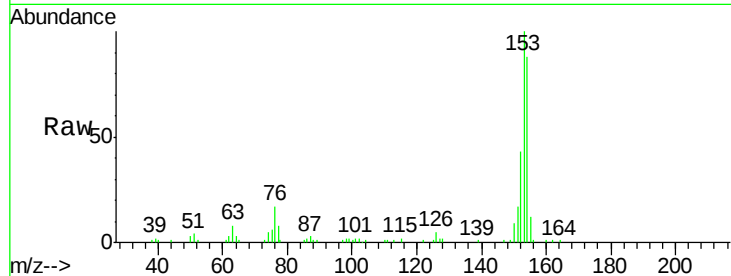
Tgt Ion:153 Resp: 102643

Ion Ratio Lower Upper

153 100

152 42.5 36.6 54.8

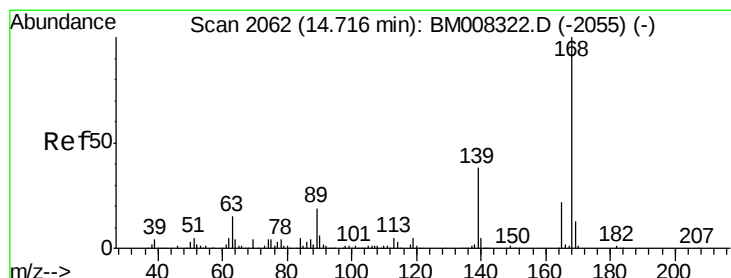
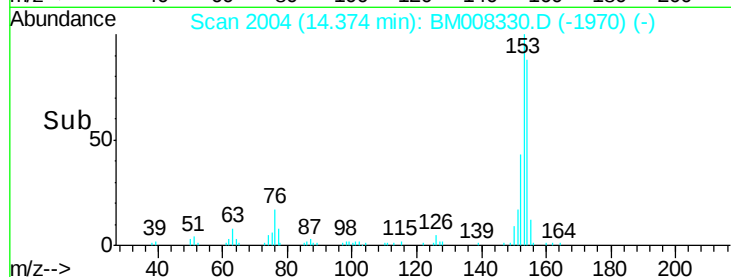
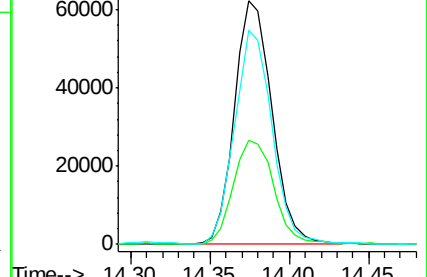
154 88.0 71.4 107.2



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: 3.44 ng/ul

RT: 14.73 min Scan# 2064

Delta R.T. 0.01 min

Lab File: BM008330.D

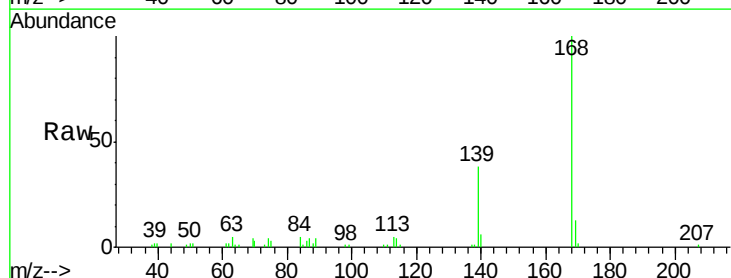
Acq: 15 Dec 2016 04:01

Tgt Ion:168 Resp: 78807

Ion Ratio Lower Upper

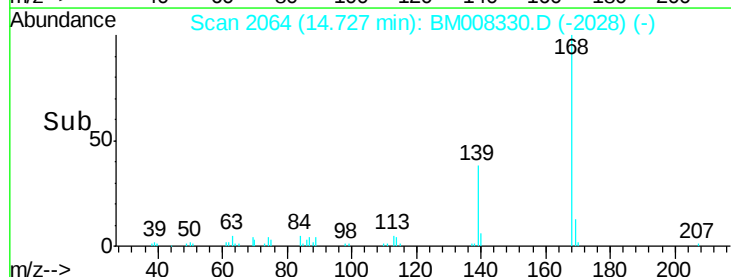
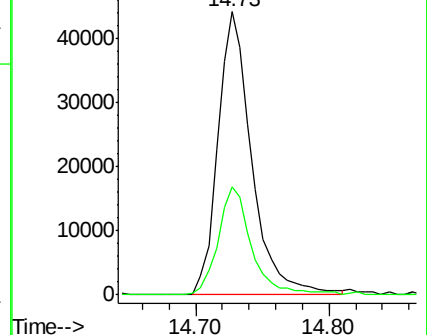
168 100

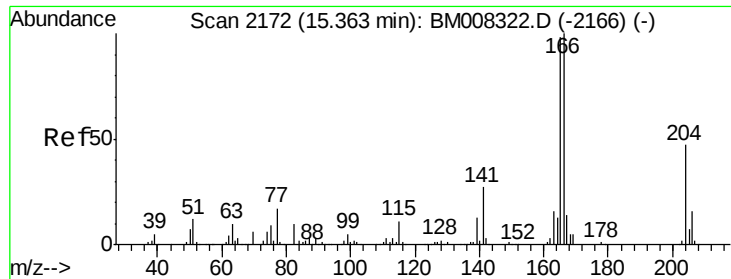
139 38.0 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

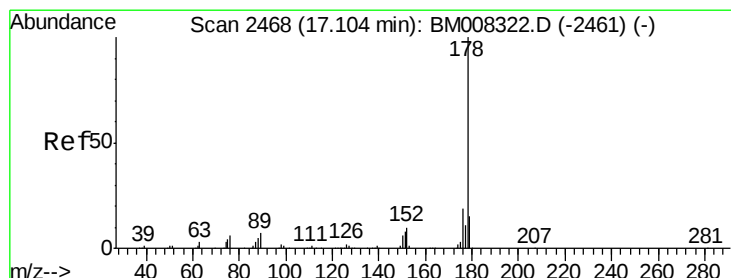
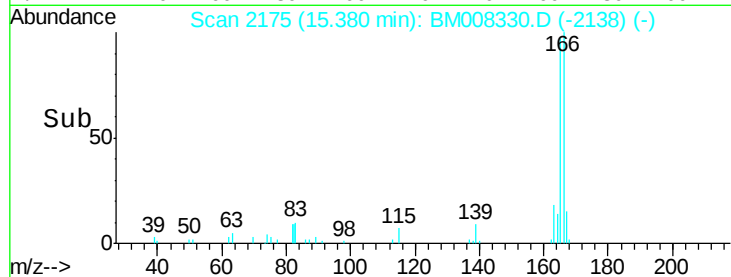
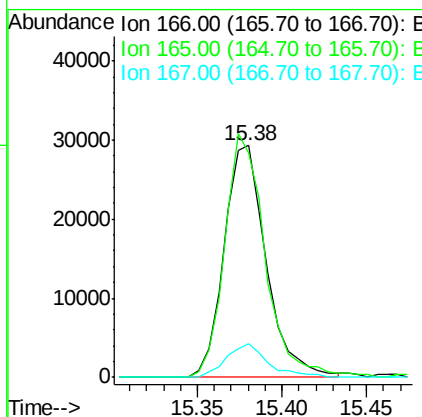
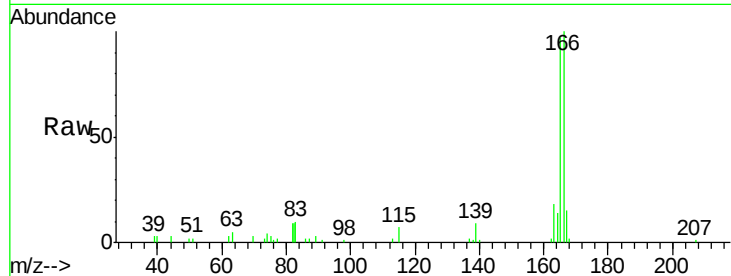




#58
 Fluorene
 Concen: 2.70 ng/ul
 RT: 15.38 min Scan# 2175
 Delta R.T. 0.02 min
 Lab File: BM008330.D
 Acq: 15 Dec 2016 04:01

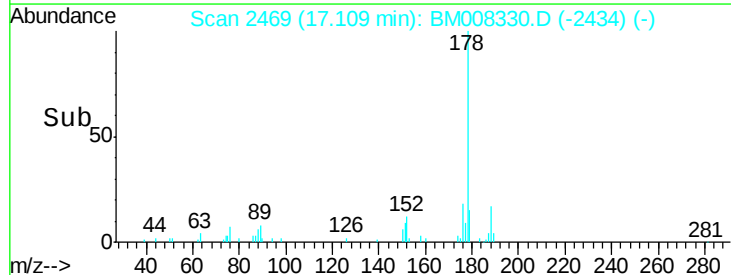
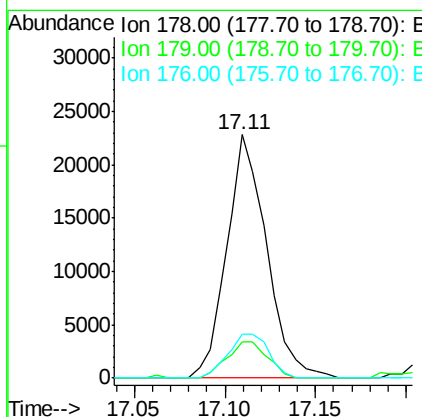
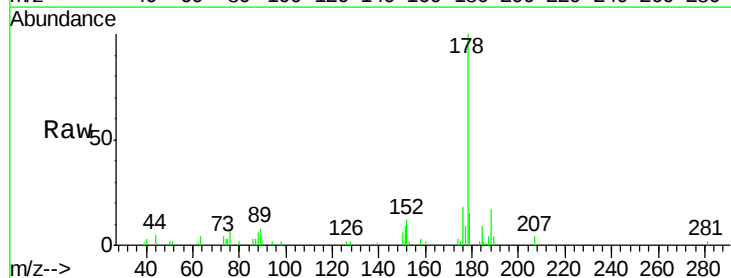
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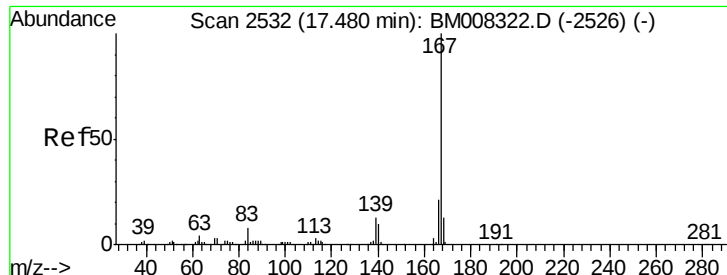
Tgt Ion:166 Resp: 50875
 Ion Ratio Lower Upper
 166 100
 165 96.7 79.3 118.9
 167 14.7 10.7 16.1



#69
 Phenanthrene
 Concen: 1.22 ng/ul
 RT: 17.11 min Scan# 2469
 Delta R.T. 0.01 min
 Lab File: BM008330.D
 Acq: 15 Dec 2016 04:01

Tgt Ion:178 Resp: 34826
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.0 18.0
 176 18.0 14.6 21.8





#72

Carbazole

Concen: 3.26 ng/ul

RT: 17.49 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BM008330.D

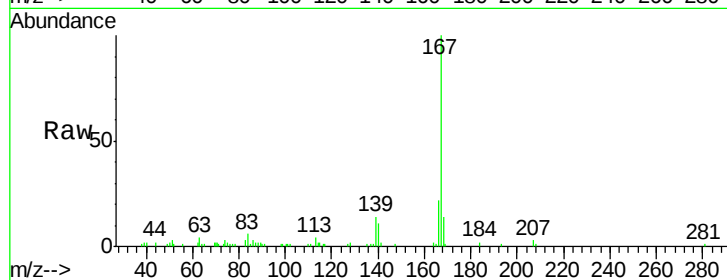
Acq: 15 Dec 2016 04:01

Instrument :

BNA_M

ClientSampleId :

DA8P1DL2



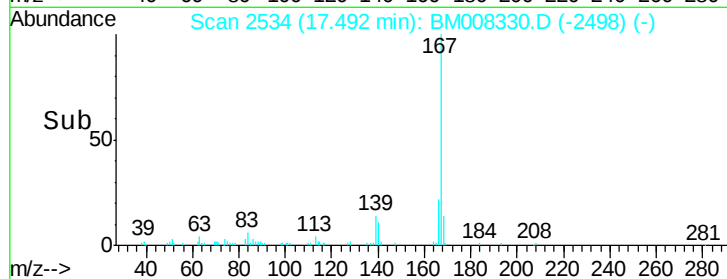
Tgt Ion:167 Resp: 82744

Ion Ratio Lower Upper

167 100

166 21.9 16.4 24.6

139 13.8 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

