

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
 Data File : BM008328.D
 Acq On : 15 Dec 2016 02:49
 Operator : UM/SJ
 Sample : H5976-16
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8P8

Quant Time: Dec 15 03:23:48 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	139603	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	566534	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	367115	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	688376	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	798469	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	809050	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	3494	1.18	ng/uL	0.00
5) Phenol-d5	6.87	99	62323	5.76	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.02	67	192253	30.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	198585	24.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	128249	15.29	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	132001	32.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	149432	32.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	248119	29.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	2781	0.29	ng/ul	-0.05
43) Dimethylphthalate-d6	13.73	166	832099	34.10	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1003991	34.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	12576	3.50	ng/ul	0.05
57) Fluorene-d10	15.31	176	703368	33.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	113976	27.82	ng/ul	0.00
70) Anthracene-d10	17.16	188	1057563	35.26	ng/ul	0.00
76) Pyrene-d10	19.46	212	1178268	38.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1164178	34.27	ng/ul	0.00

Target Compounds

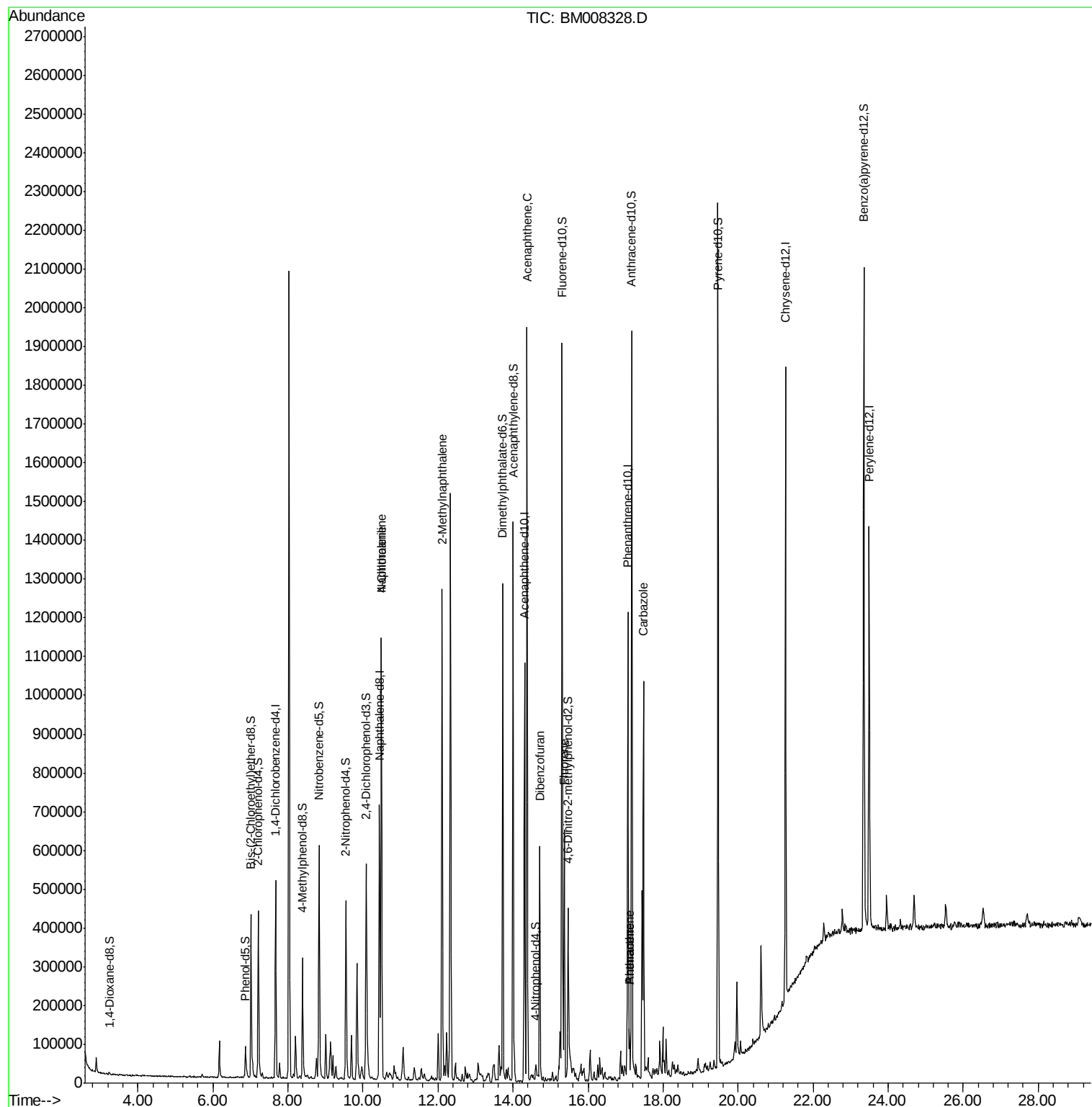
						Qvalue
28) Naphthalene	10.49	128	894694	33.36	ng/ul	99
30) 4-Chloroaniline	10.49	127	117319	12.21	ng/ul#	13
34) 2-Methylnaphthalene	12.11	142	561680	28.99	ng/ul	100
49) Acenaphthene	14.37	153	761960	37.77	ng/ul	99
53) Dibenzofuran	14.72	168	398345	13.55	ng/ul	100
58) Fluorene	15.36	166	280002	11.60	ng/ul	98
69) Phenanthrene	17.10	178	69805	1.98	ng/ul	96
71) Anthracene	17.10	178	69805	1.95	ng/ul	96
72) Carbazole	17.48	167	643430	20.41	ng/ul	99

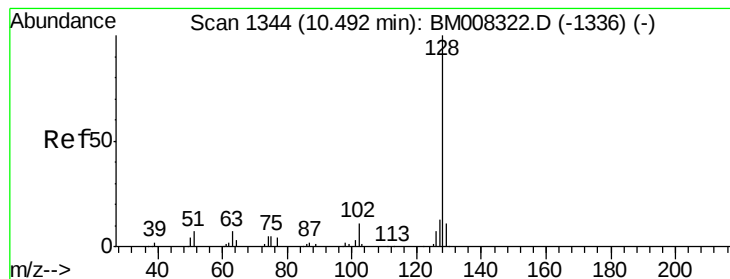
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 15 02:56:44 2016
Response via : Initial Calibration





#28

Naphthalene

Concen: 33.36 ng/ul

RT: 10.49 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BM008328.D

Acq: 15 Dec 2016 02:49

Instrument :

BNA_M

ClientSampleId :

DA8P8

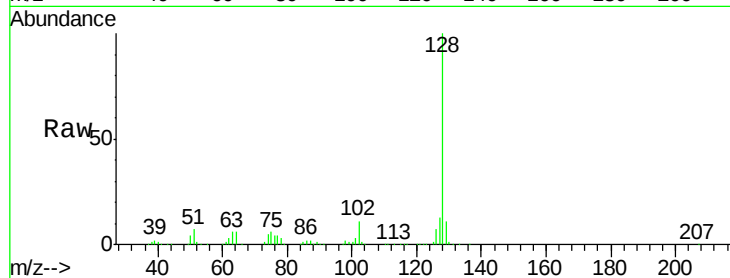
Tgt Ion:128 Resp: 894694

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

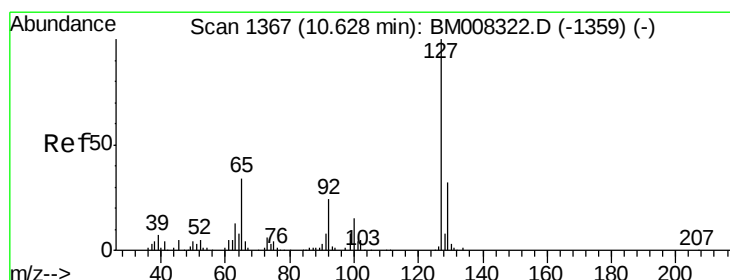
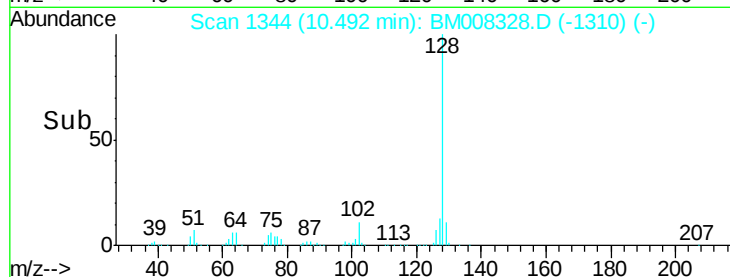
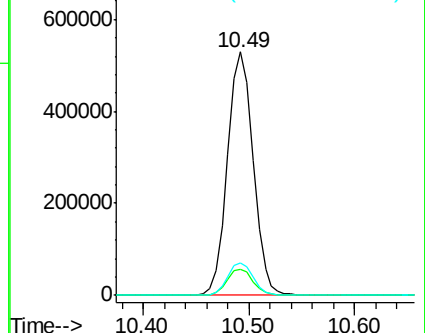
127 13.1 10.4 15.6



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



#30

4-Chloroaniline

Concen: 12.21 ng/ul

RT: 10.49 min Scan# 1344

Delta R.T. -0.14 min

Lab File: BM008328.D

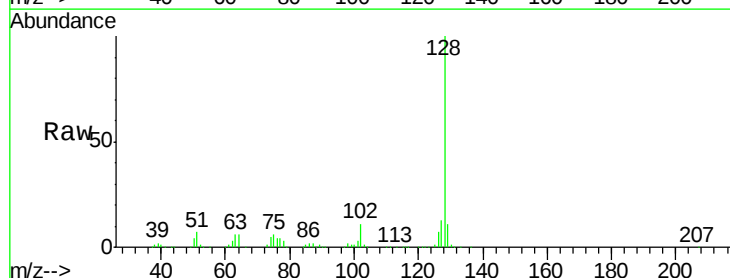
Acq: 15 Dec 2016 02:49

Tgt Ion:127 Resp: 117319

Ion Ratio Lower Upper

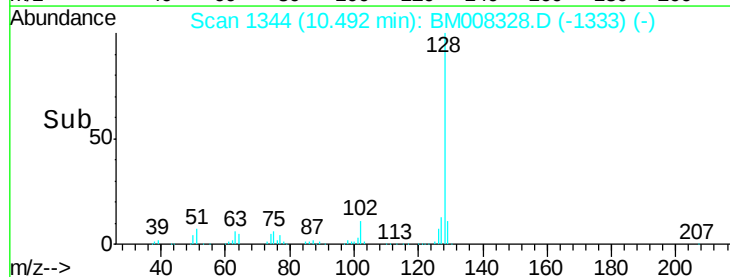
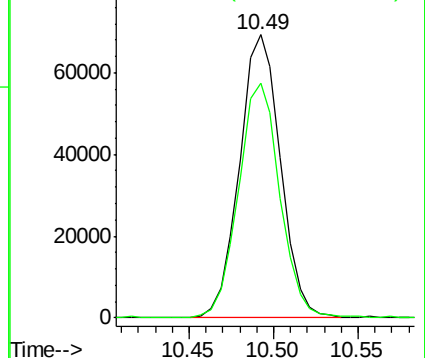
127 100

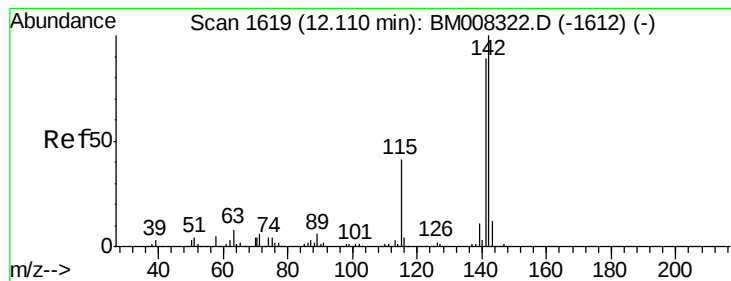
129 82.9 26.8 40.2#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 28.99 ng/ul

RT: 12.11 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BM008328.D

Acq: 15 Dec 2016 02:49

Instrument :

BNA_M

ClientSampleId :

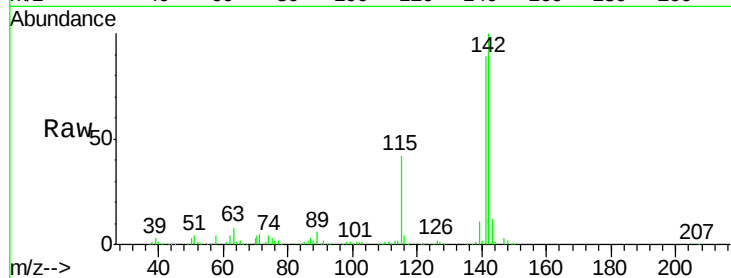
DA8P8

Tgt Ion:142 Resp: 561680

Ion Ratio Lower Upper

142 100

141 89.2 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.11

400000

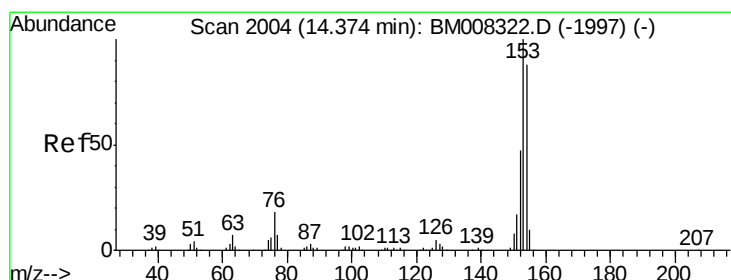
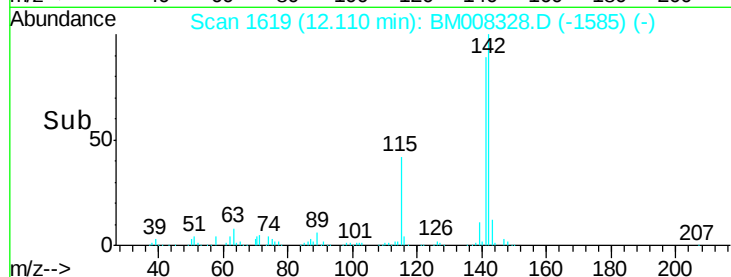
300000

200000

100000

0

Time-->



#49

Acenaphthene

Concen: 37.77 ng/ul

RT: 14.37 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM008328.D

Acq: 15 Dec 2016 02:49

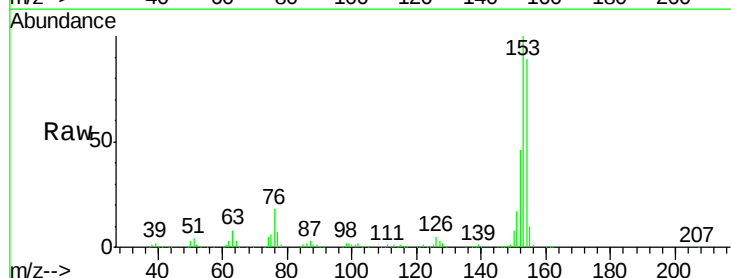
Tgt Ion:153 Resp: 761960

Ion Ratio Lower Upper

153 100

152 46.4 36.6 54.8

154 88.7 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

14.37

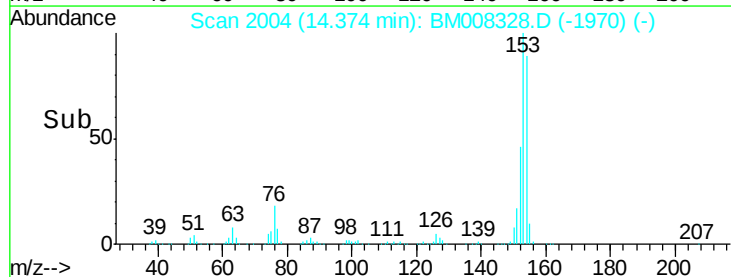
600000

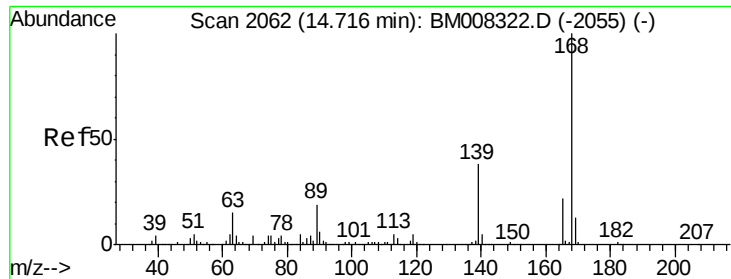
400000

200000

0

Time-->





#53

Dibenzo(f,h)quinoxaline

Concen: 13.55 ng/ul

RT: 14.72 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BM008328.D

Acq: 15 Dec 2016 02:49

Instrument :

BNA_M

ClientSampleId :

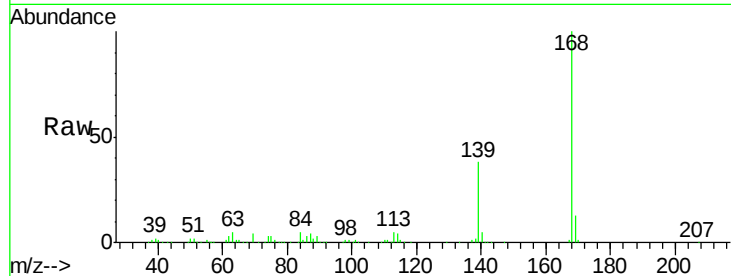
DA8P8

Tgt Ion:168 Resp: 398345

Ion Ratio Lower Upper

168 100

139 37.9 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.72

250000

200000

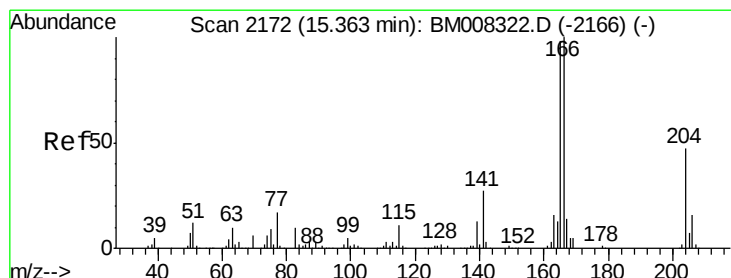
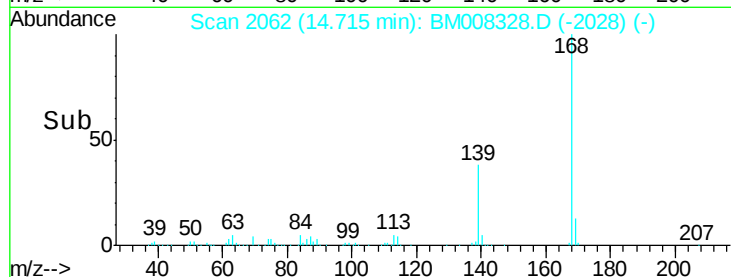
150000

100000

50000

0

Time-->



#58

Fluorene

Concen: 11.60 ng/ul

RT: 15.36 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM008328.D

Acq: 15 Dec 2016 02:49

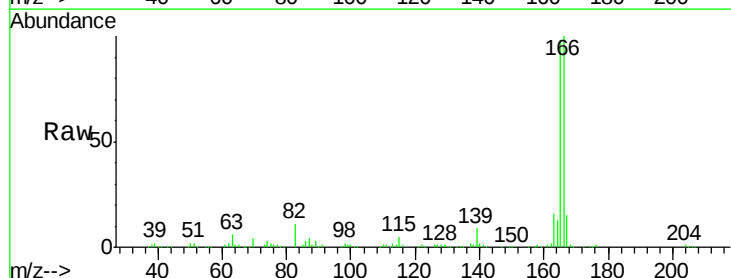
Tgt Ion:166 Resp: 280002

Ion Ratio Lower Upper

166 100

165 97.9 79.3 118.9

167 15.1 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

15.36

250000

200000

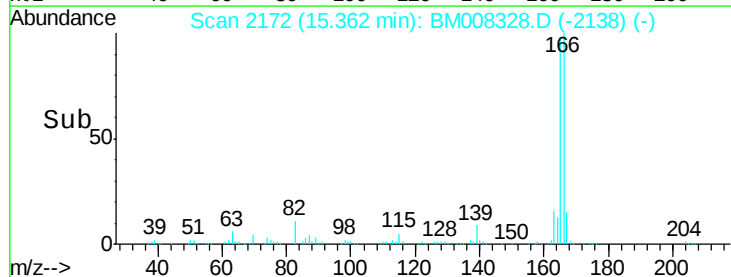
150000

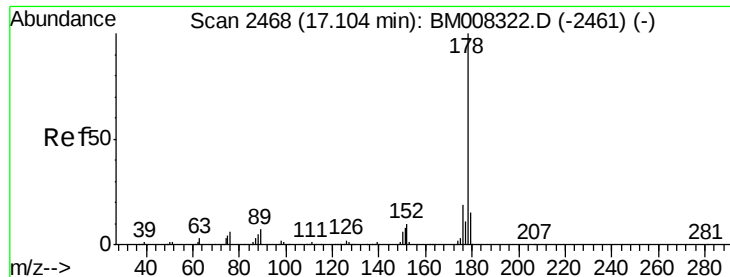
100000

50000

0

Time-->





#69

Phenanthrene

Concen: 1.98 ng/ul

RT: 17.10 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BM008328.D

Acq: 15 Dec 2016 02:49

Instrument :

BNA_M

ClientSampleId :

DA8P8

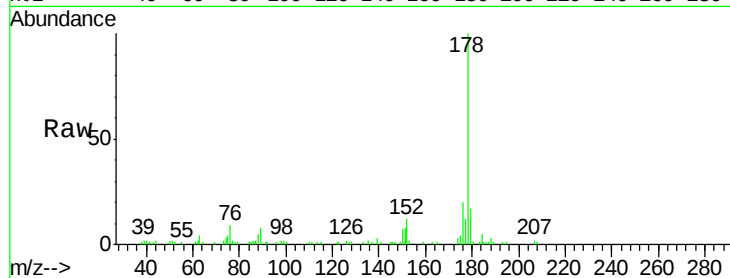
Tgt Ion:178 Resp: 69805

Ion Ratio Lower Upper

178 100

179 16.6 12.0 18.0

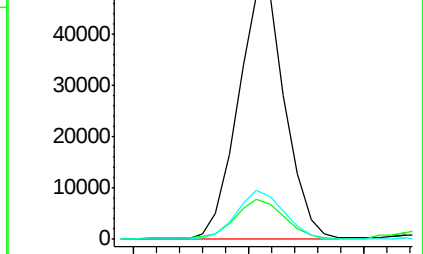
176 20.0 14.6 21.8



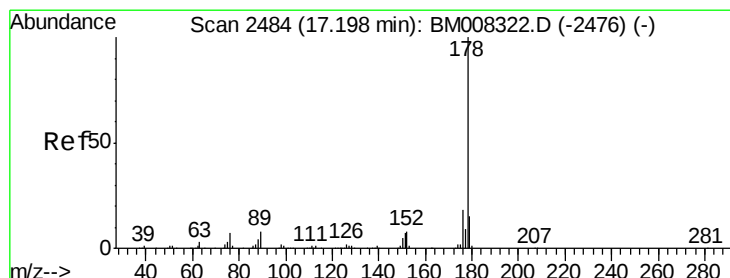
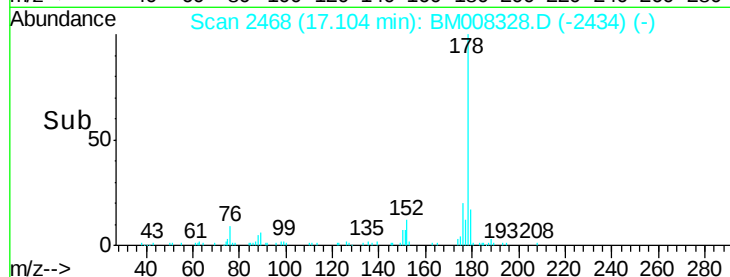
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 1.95 ng/ul

RT: 17.10 min Scan# 2468

Delta R.T. -0.09 min

Lab File: BM008328.D

Acq: 15 Dec 2016 02:49

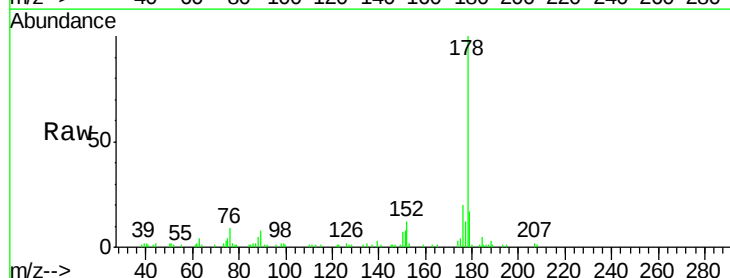
Tgt Ion:178 Resp: 69805

Ion Ratio Lower Upper

178 100

179 16.6 12.1 18.1

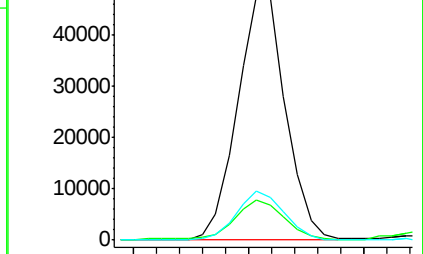
176 20.0 14.3 21.5



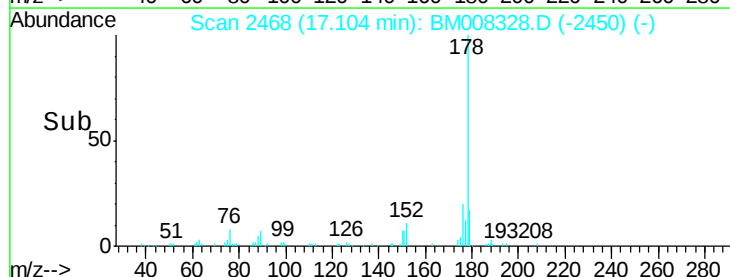
Abundance Ion 178.00 (177.70 to 178.70): E

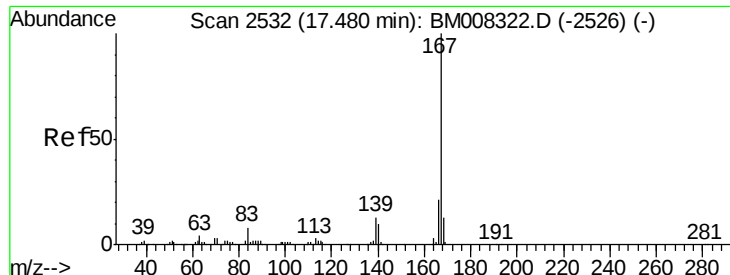
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#72

Carbazole

Concen: 20.41 ng/ul

RT: 17.48 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BM008328.D

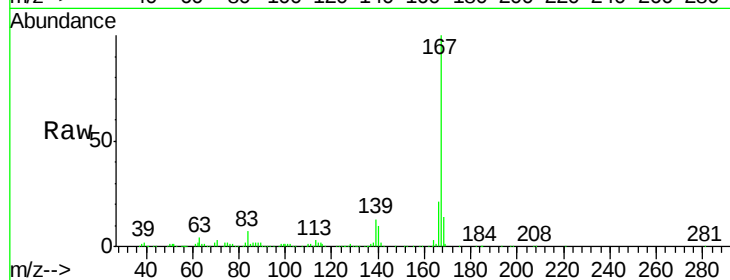
Acq: 15 Dec 2016 02:49

Instrument :

BNA_M

ClientSampleId :

DA8P8



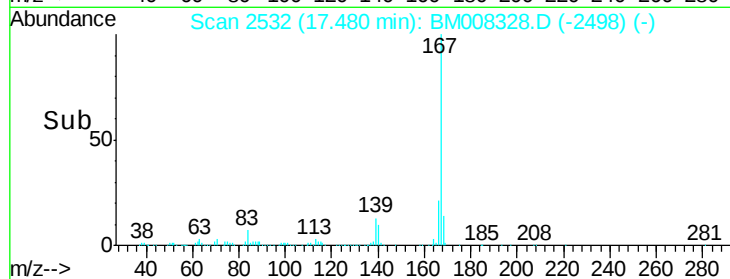
Tgt Ion:167 Resp: 643430

Ion Ratio Lower Upper

167 100

166 21.4 16.4 24.6

139 13.0 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

