

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
 Data File : BM008329.D
 Acq On : 15 Dec 2016 03:25
 Operator : UM/SJ
 Sample : H5976-09DL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8P1DL

Quant Time: Dec 15 05:54:18 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	149571	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	594038	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	399148	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	766781	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	927778	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	921627	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	6.92	99	3319	0.29	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.03	67	16768	2.51	ng/ul	0.01
9) 2-Chlorophenol-d4	7.23	132	17099	1.96	ng/ul	0.02
13) 4-Methylphenol-d8	8.42	113	8028	0.89	ng/ul	0.04
19) Nitrobenzene-d5	8.85	128	13637	3.18	ng/ul	0.02
22) 2-Nitrophenol-d4	9.56	143	10976	2.31	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.12	165	17393	1.99	ng/ul	0.04
29) 4-Chloroaniline-d4	10.61	131	2079	0.21	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	86838	3.27	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	96762	3.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	243	0.06	ng/ul	-0.03
57) Fluorene-d10	15.31	176	78306	3.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	7550	1.65	ng/ul	0.03
70) Anthracene-d10	17.16	188	118757	3.56	ng/ul	0.00
76) Pyrene-d10	19.47	212	129612	3.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	133636	3.45	ng/ul	0.00

Target Compounds

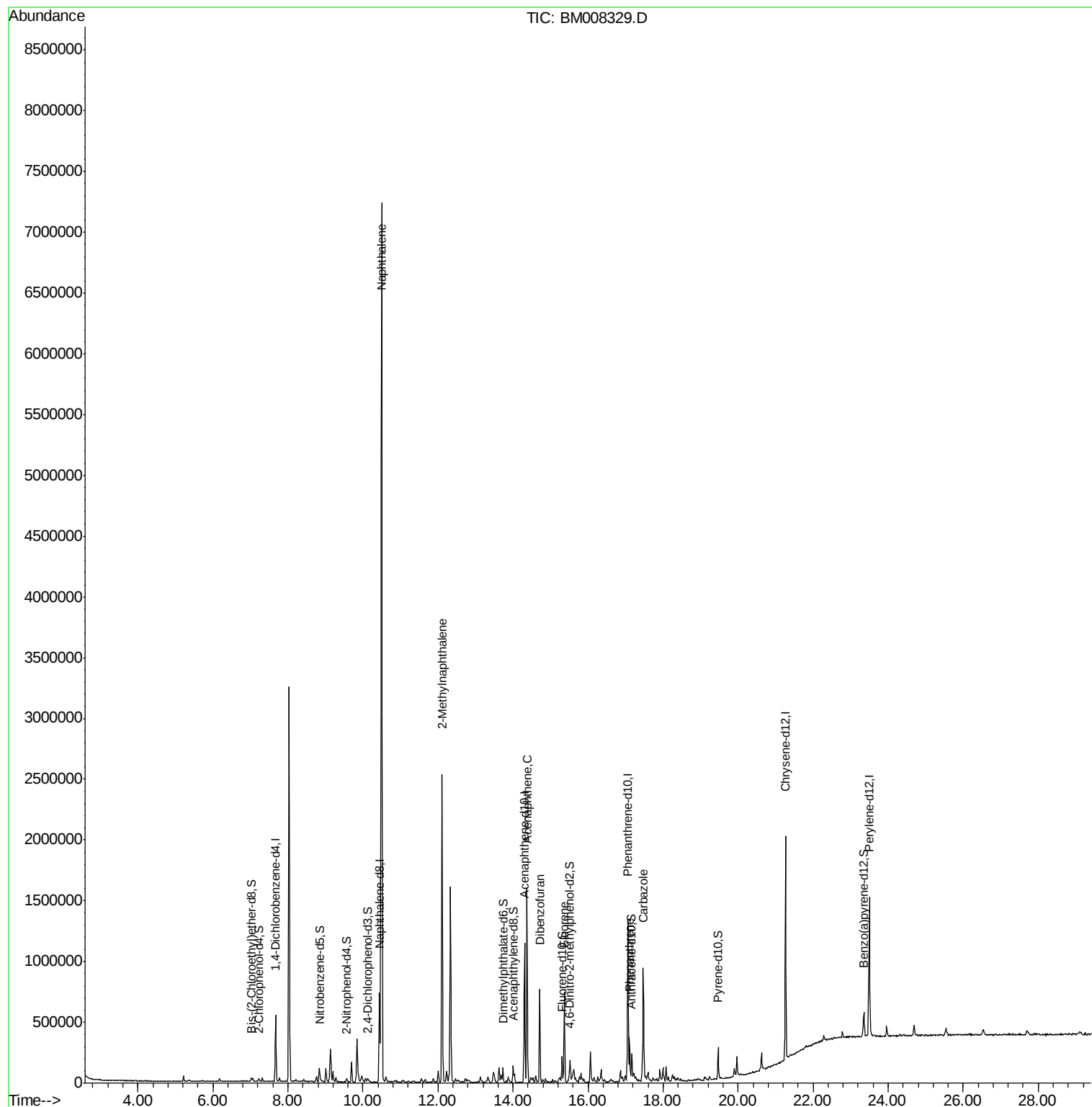
						Qvalue
28) Naphthalene	10.50	128	5771414	205.24	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	1176556	57.90	ng/ul	99
49) Acenaphthene	14.37	153	626555	28.57	ng/ul	99
53) Dibenzofuran	14.72	168	503003	15.74	ng/ul	100
58) Fluorene	15.37	166	339544	12.93	ng/ul	98
69) Phenanthrene	17.10	178	222241	5.66	ng/ul	97
72) Carbazole	17.48	167	610497	17.38	ng/ul	99

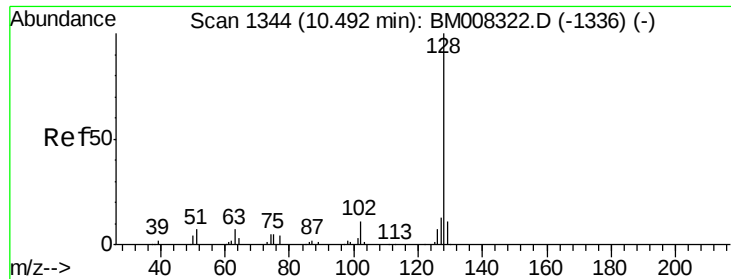
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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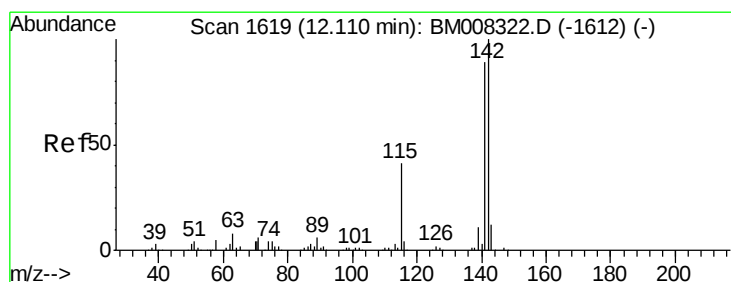
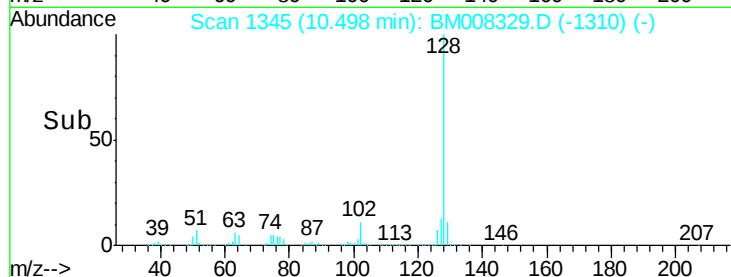
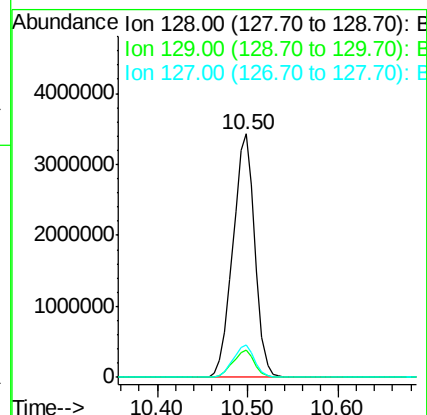
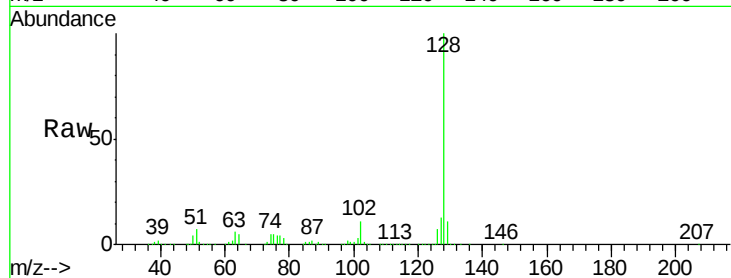




#28
Naphthalene
Concen: 205.24 ng/ul
RT: 10.50 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BM008329.D
Acq: 15 Dec 2016 03:25

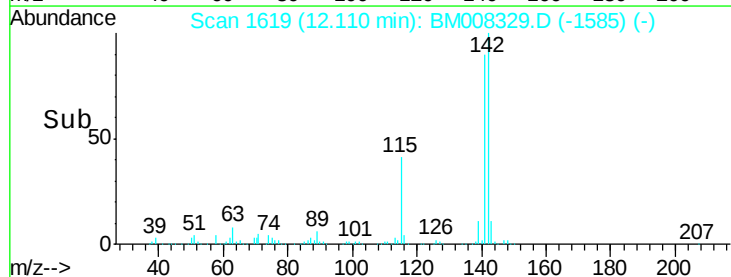
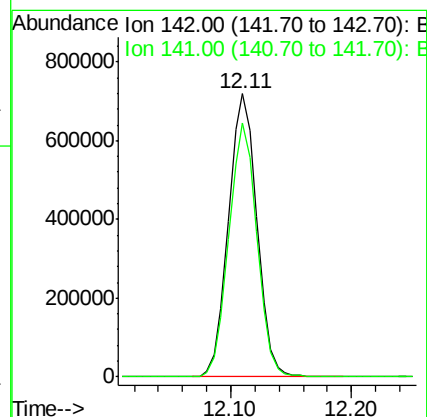
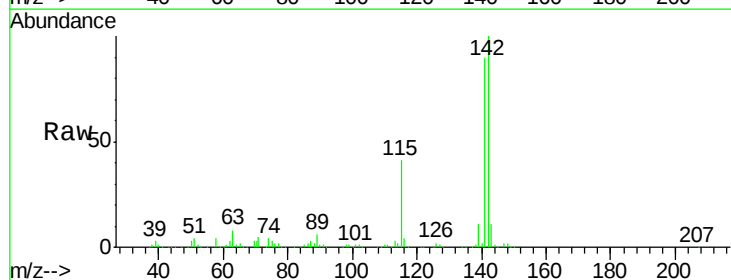
Instrument :
BNA_M
ClientSampleId :
DA8P1DL

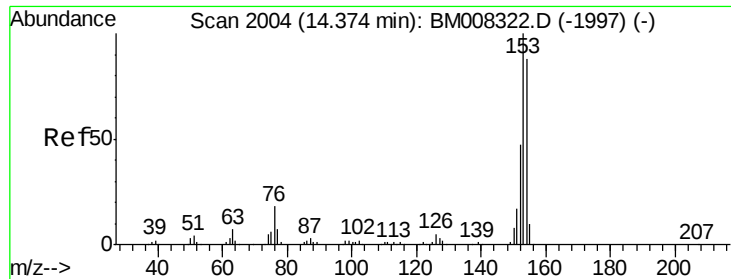
Tgt Ion:128 Resp: 5771414
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.4 10.4 15.6



#34
2-Methylnaphthalene
Concen: 57.90 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BM008329.D
Acq: 15 Dec 2016 03:25

Tgt Ion:142 Resp: 1176556
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7





#49

Acenaphthene

Concen: 28.57 ng/ul

RT: 14.37 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM008329.D

Acq: 15 Dec 2016 03:25

Instrument :

BNA_M

ClientSampleId :

DA8P1DL

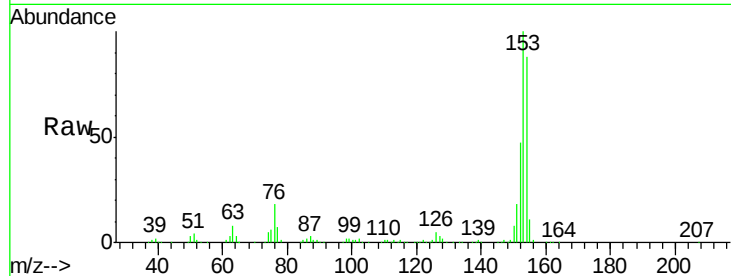
Tgt Ion:153 Resp: 626555

Ion Ratio Lower Upper

153 100

152 47.4 36.6 54.8

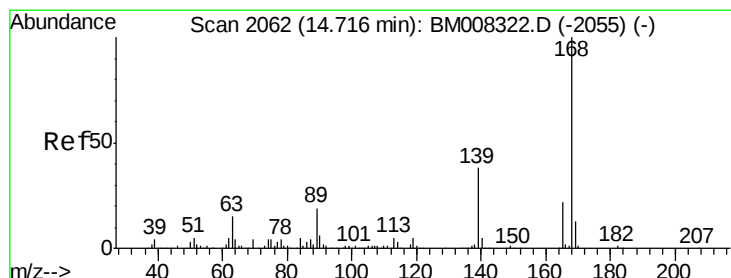
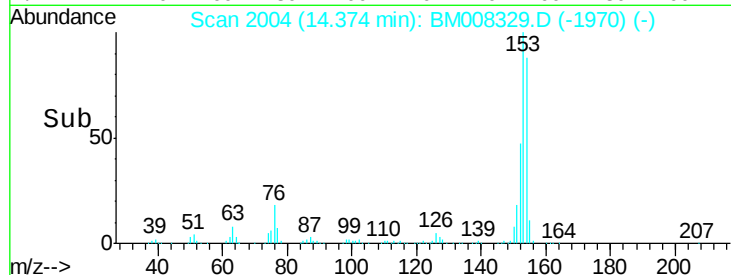
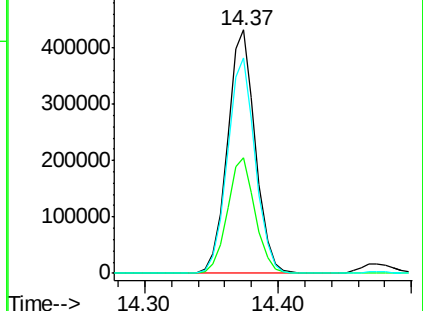
154 88.4 71.4 107.2



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: 15.74 ng/ul

RT: 14.72 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BM008329.D

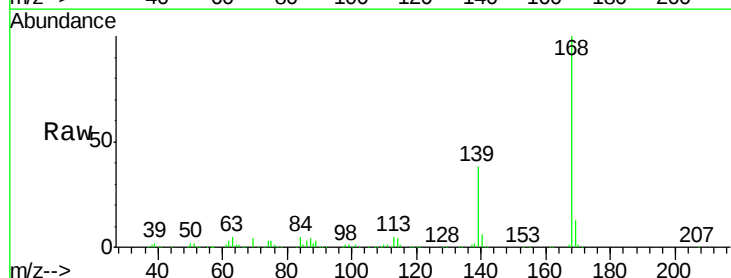
Acq: 15 Dec 2016 03:25

Tgt Ion:168 Resp: 503003

Ion Ratio Lower Upper

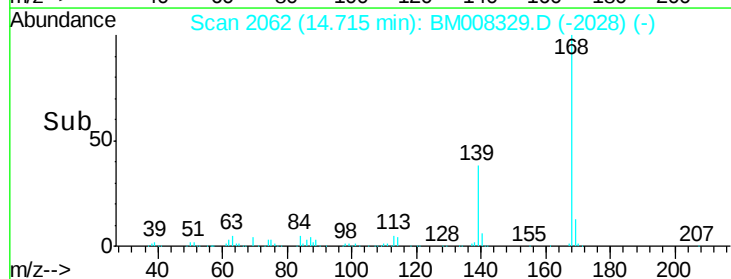
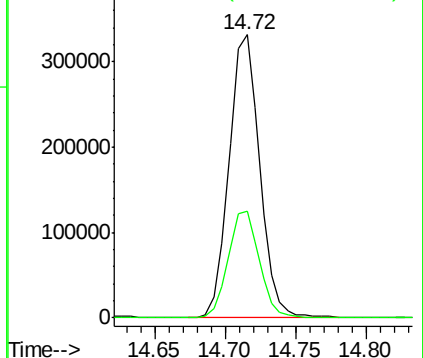
168 100

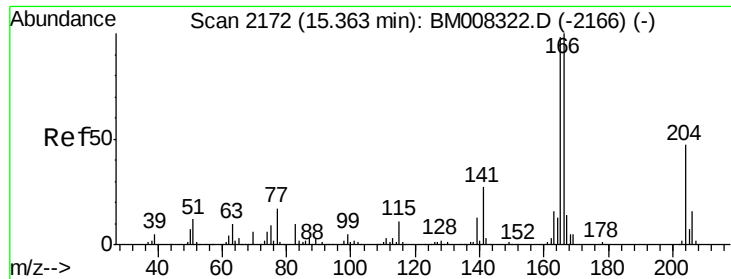
139 37.9 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 12.93 ng/ul

RT: 15.37 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BM008329.D

Acq: 15 Dec 2016 03:25

Instrument :

BNA_M

ClientSampleId :

DA8P1DL

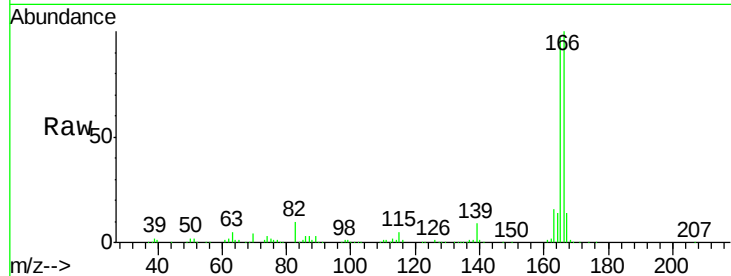
Tgt Ion:166 Resp: 339544

Ion Ratio Lower Upper

166 100

165 97.2 79.3 118.9

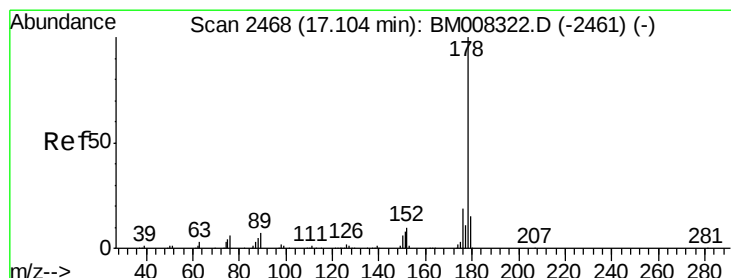
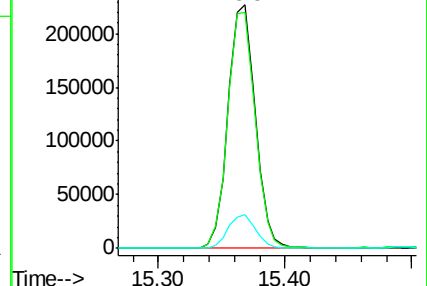
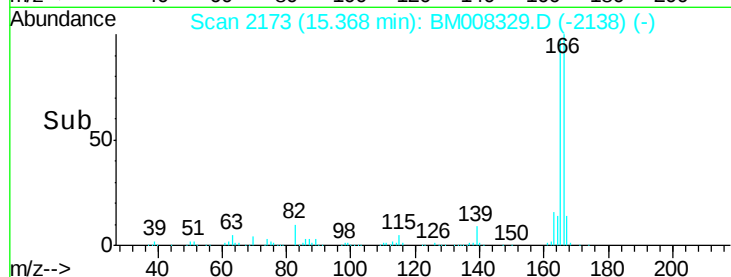
167 13.7 10.7 16.1



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



#69

Phenanthrene

Concen: 5.66 ng/ul

RT: 17.10 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BM008329.D

Acq: 15 Dec 2016 03:25

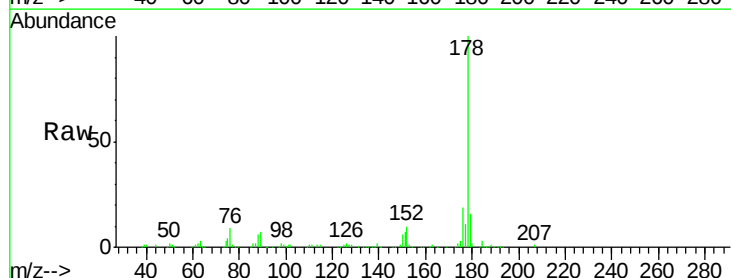
Tgt Ion:178 Resp: 222241

Ion Ratio Lower Upper

178 100

179 16.4 12.0 18.0

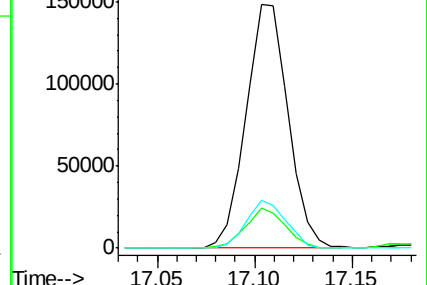
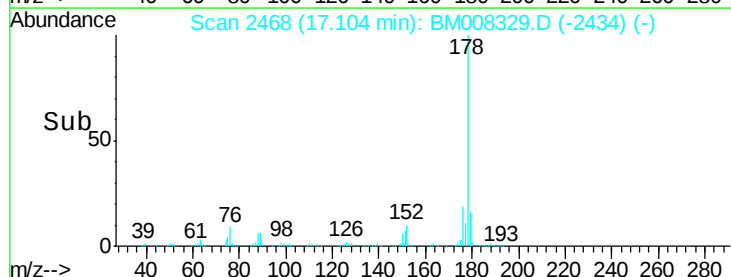
176 19.5 14.6 21.8

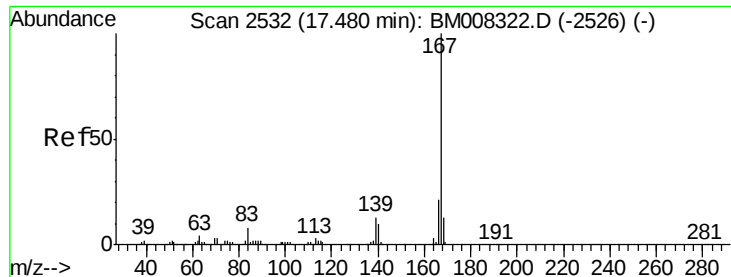


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 17.38 ng/ul

RT: 17.48 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BM008329.D

Acq: 15 Dec 2016 03:25

Instrument :

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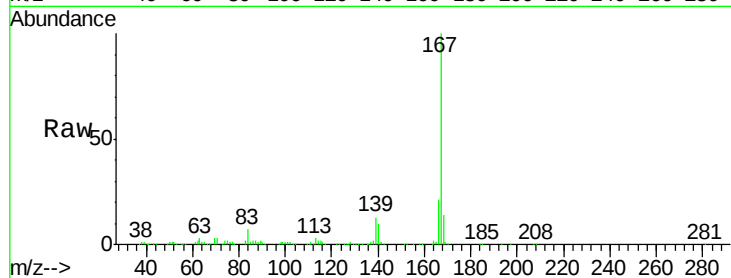
Tgt Ion:167 Resp: 610497

Ion Ratio Lower Upper

167 100

166 21.0 16.4 24.6

139 12.6 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

