

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042816\
 Data File : BM005130.D
 Acq On : 29 Apr 2016 01:05
 Operator : UM/SJ
 Sample : H2639-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7K2

Quant Time: Apr 29 02:25:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 29 02:20:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	40493	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	194141	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	125474	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	292940	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	284397	20.00	ng/ul	-0.01
83) Perylene-d12	23.64	264	233567	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	4074	5.11	ng/uL	0.00
5) Phenol-d5	6.96	99	90880	27.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	54095	28.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	71065	26.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	79362	27.95	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	36743	27.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	43101	28.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	77885	27.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	134262	40.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	285004	28.76	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	331124	28.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	45866	26.48	ng/ul	0.00
57) Fluorene-d10	15.42	176	246094	28.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	35833	21.51	ng/ul	0.00
70) Anthracene-d10	17.27	188	394013	30.00	ng/ul	0.00
76) Pyrene-d10	19.57	212	437210	33.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	322489	30.82	ng/ul	-0.01

Target Compounds

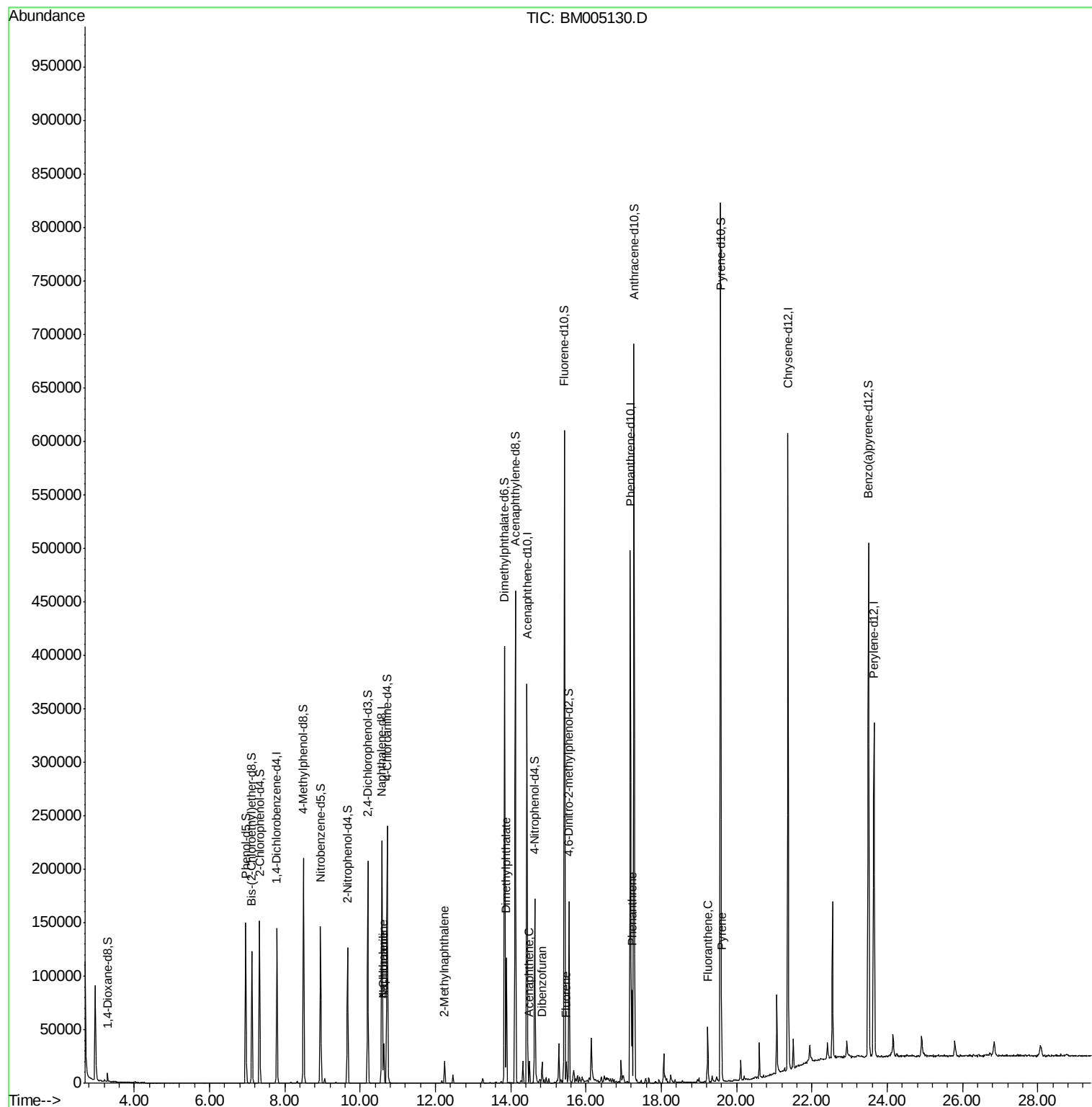
						Qvalue
28) Naphthalene	10.63	128	32756	3.35	ng/ul	99
30) 4-Chloroaniline	10.63	127	3936	1.16	ng/ul#	7
34) 2-Methylnaphthalene	12.24	142	11807	1.63	ng/ul	98
44) Dimethylphthalate	13.88	163	75276	7.57	ng/ul	99
49) Acenaphthene	14.49	153	9359	1.14	ng/ul	98
53) Dibenzofuran	14.83	168	12751	1.05	ng/ul	98
58) Fluorene	15.48	166	9866	1.05	ng/ul	94
69) Phenanthrene	17.22	178	53410	3.43	ng/ul	99
74) Fluoranthene	19.23	202	32402	1.89	ng/ul	99
77) Pyrene	19.60	202	22911	1.39	ng/ul	99

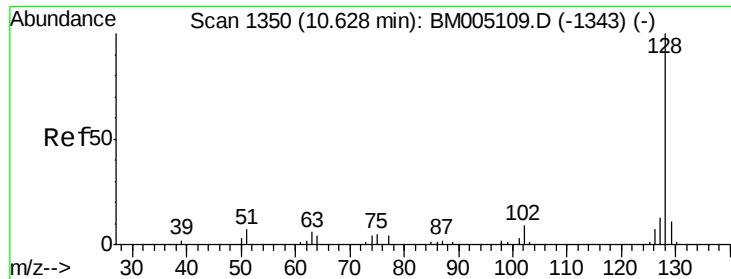
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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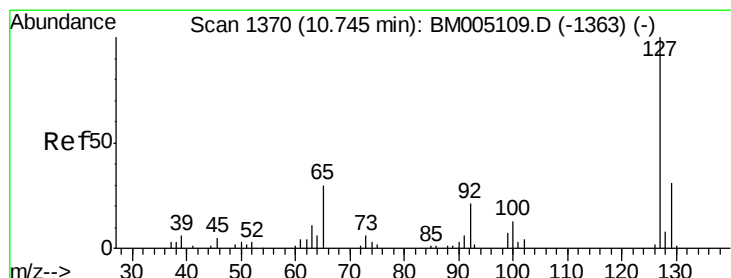
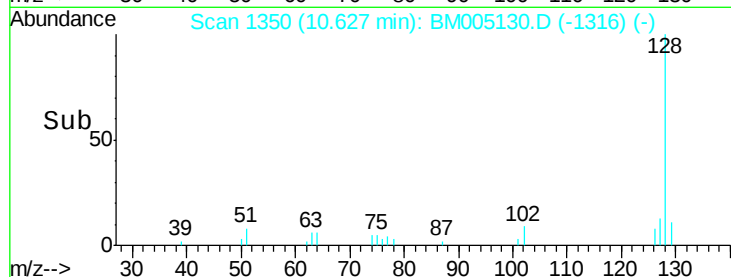
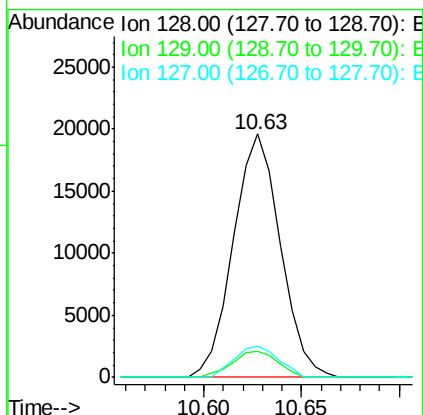
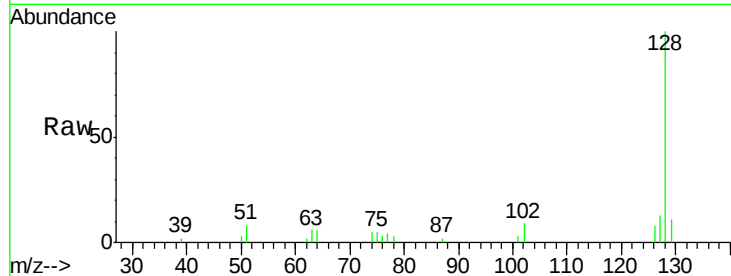




#28
Naphthalene
Concen: 3.35 ng/ul
RT: 10.63 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BM005130.D
Acq: 29 Apr 2016 01:05

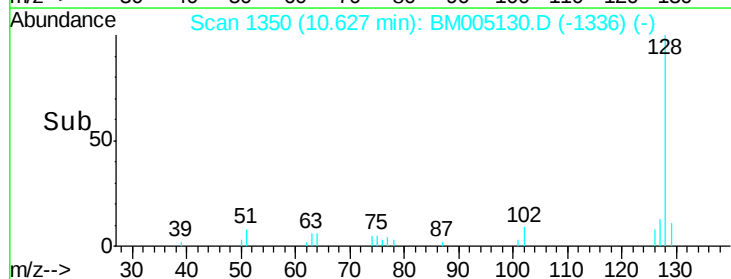
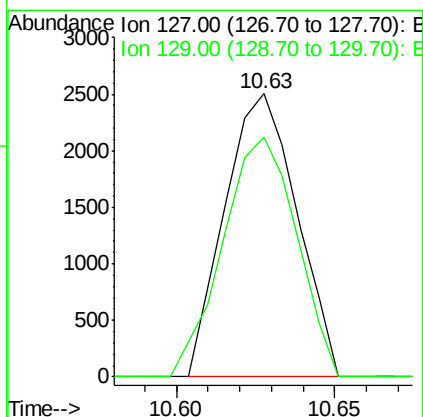
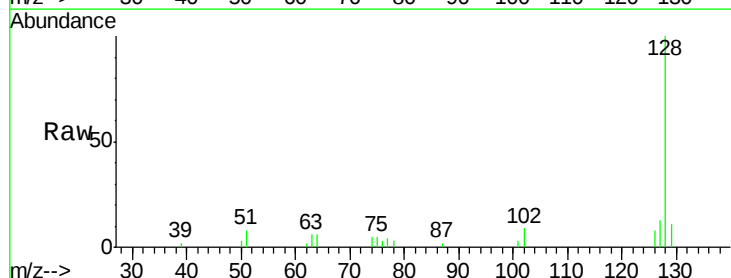
Instrument :
BNA_M
ClientSampleId :
BC7K2

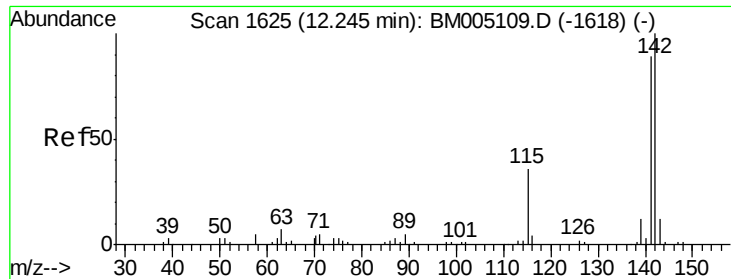
Tgt Ion:128 Resp: 32756
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.8 10.6 15.8



#30
4-Chloroaniline
Concen: 1.16 ng/ul
RT: 10.63 min Scan# 1350
Delta R.T. -0.12 min
Lab File: BM005130.D
Acq: 29 Apr 2016 01:05

Tgt Ion:127 Resp: 3936
Ion Ratio Lower Upper
127 100
129 84.9 26.0 39.0#

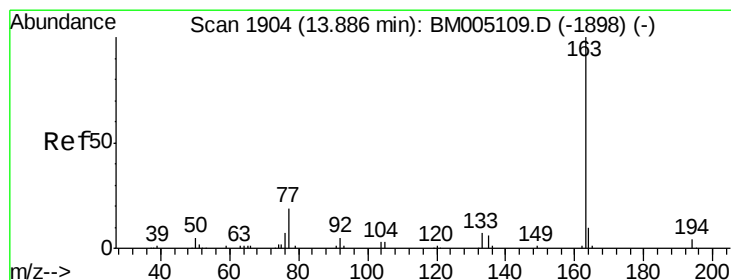
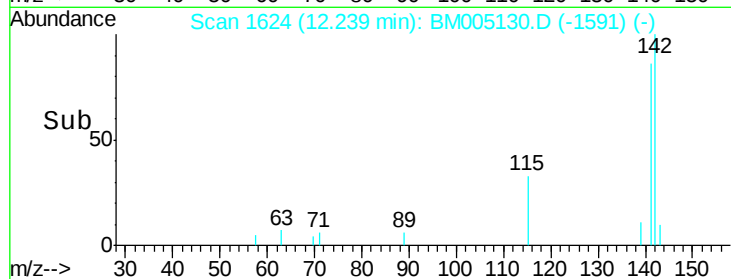
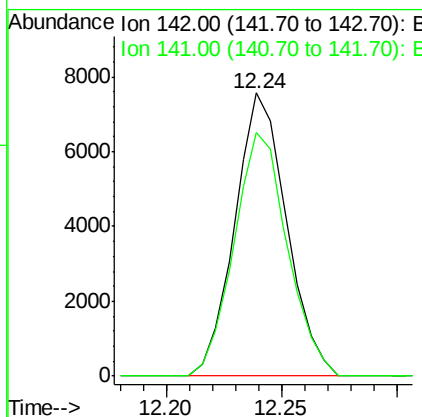
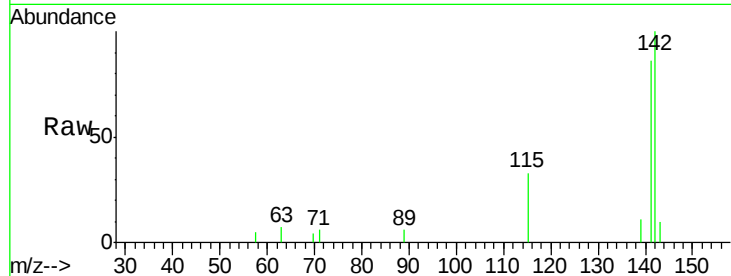




#34
 2-Methylnaphthalene
 Concen: 1.63 ng/ul
 RT: 12.24 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BM005130.D
 Acq: 29 Apr 2016 01:05

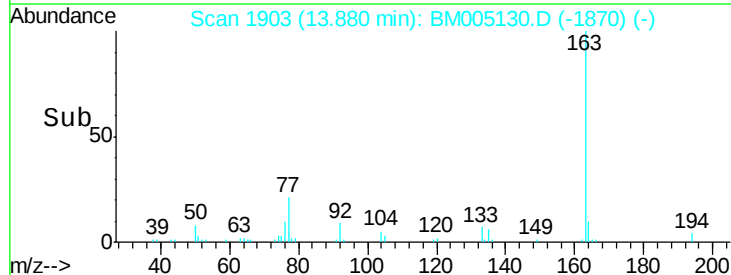
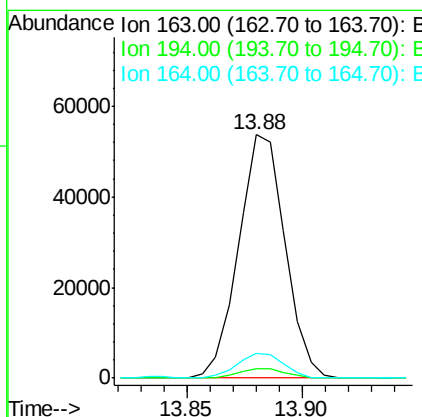
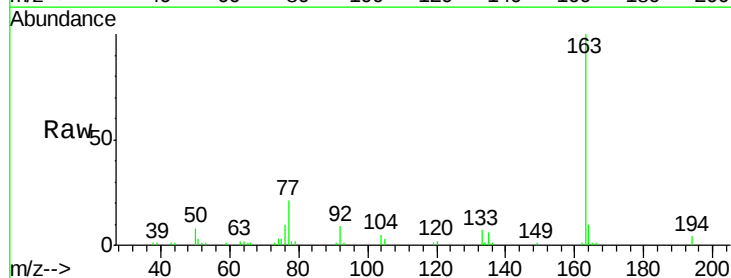
Instrument :
 BNA_M
 ClientSampleId :
 BC7K2

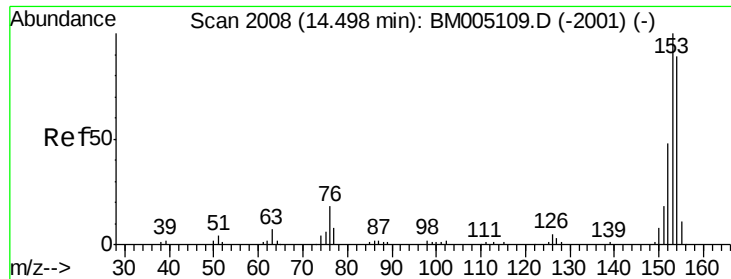
Tgt Ion:142 Resp: 11807
 Ion Ratio Lower Upper
 142 100
 141 86.1 70.3 105.5



#44
 Dimethylphthalate
 Concen: 7.57 ng/ul
 RT: 13.88 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM005130.D
 Acq: 29 Apr 2016 01:05

Tgt Ion:163 Resp: 75276
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.3 4.9
 164 10.4 8.2 12.2





#49

Acenaphthene

Concen: 1.14 ng/ul

RT: 14.49 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BM005130.D

Acq: 29 Apr 2016 01:05

Instrument :

BNA_M

ClientSampleId :

BC7K2

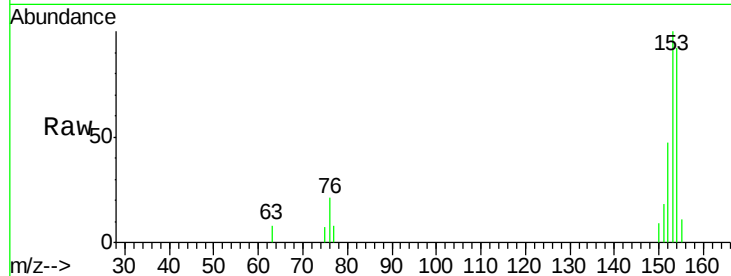
Tgt Ion:153 Resp: 9359

Ion Ratio Lower Upper

153 100

152 47.2 37.7 56.5

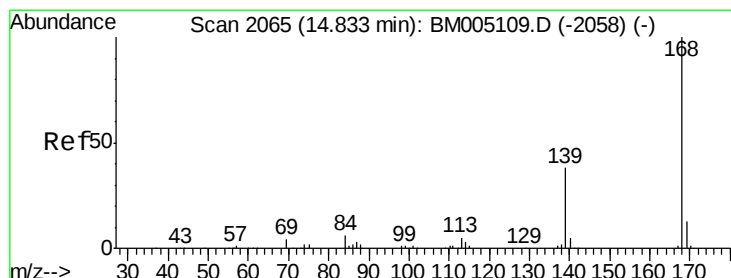
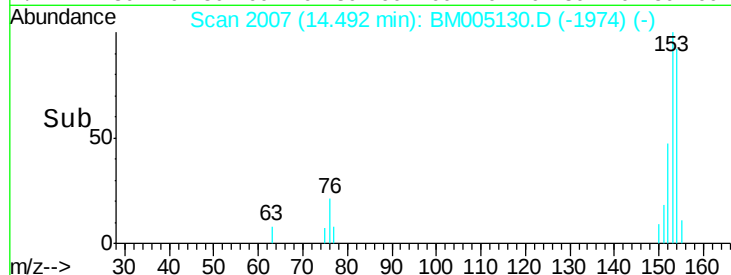
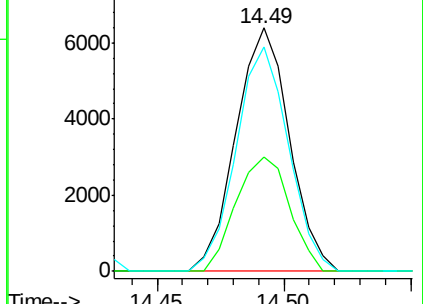
154 92.3 71.4 107.2



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: 1.05 ng/ul

RT: 14.83 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BM005130.D

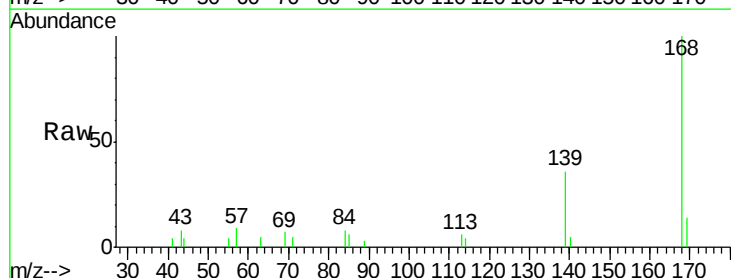
Acq: 29 Apr 2016 01:05

Tgt Ion:168 Resp: 12751

Ion Ratio Lower Upper

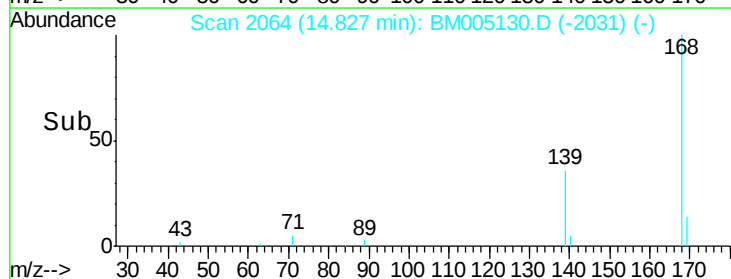
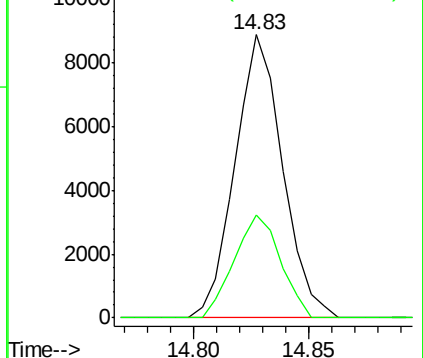
168 100

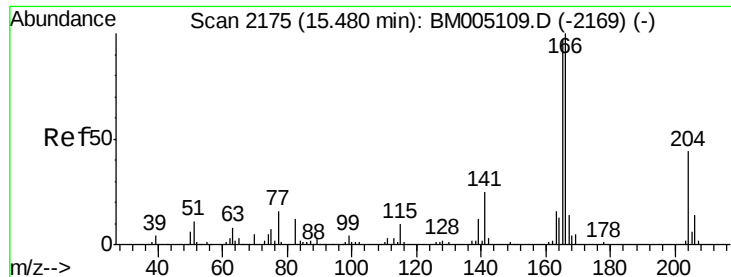
139 36.2 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 1.05 ng/ul

RT: 15.48 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BM005130.D

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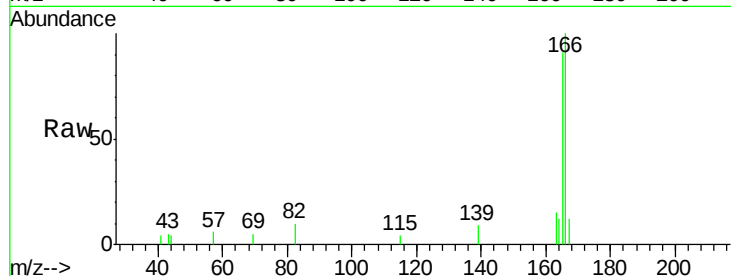
Tgt Ion:166 Resp: 9866

Ion Ratio Lower Upper

166 100

165 90.9 77.7 116.5

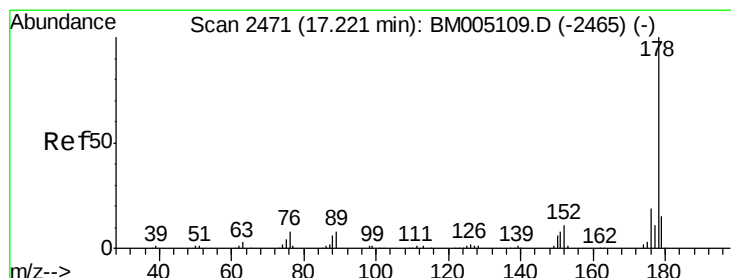
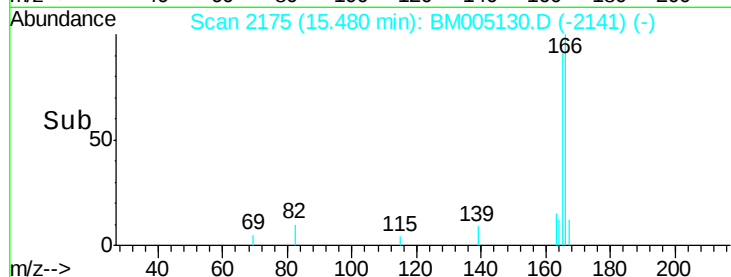
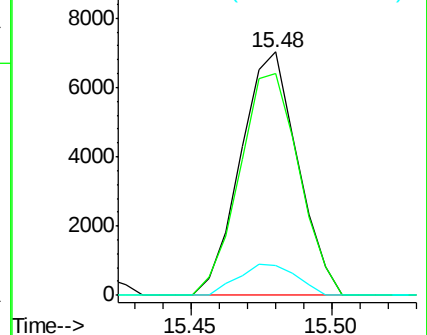
167 12.5 10.9 16.3



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: 3.43 ng/ul

RT: 17.22 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BM005130.D

Acq: 29 Apr 2016 01:05

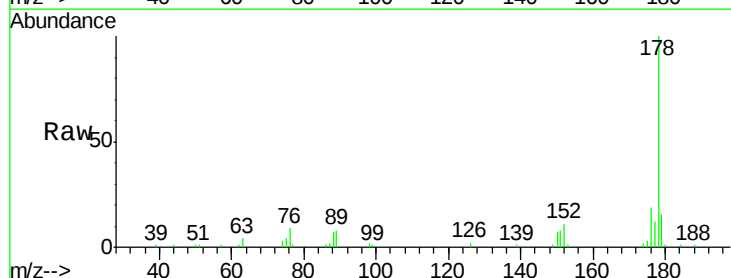
Tgt Ion:178 Resp: 53410

Ion Ratio Lower Upper

178 100

179 15.8 11.8 17.8

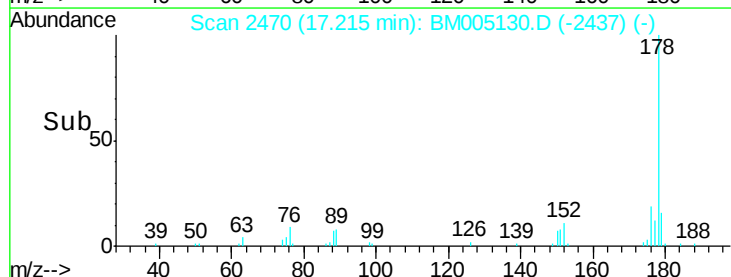
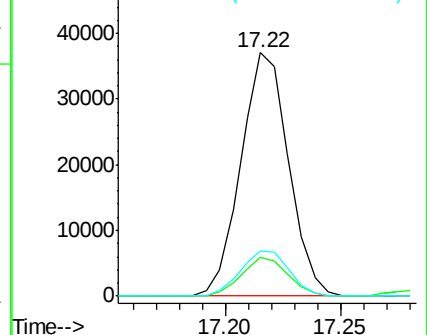
176 18.8 15.2 22.8

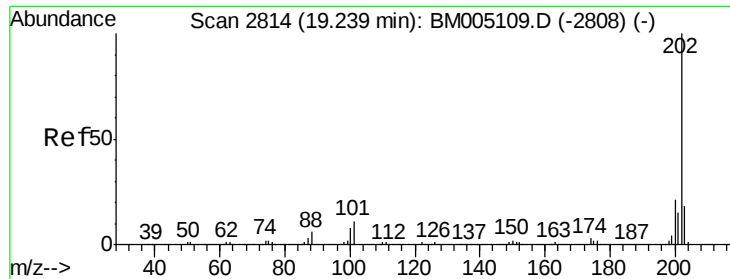


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

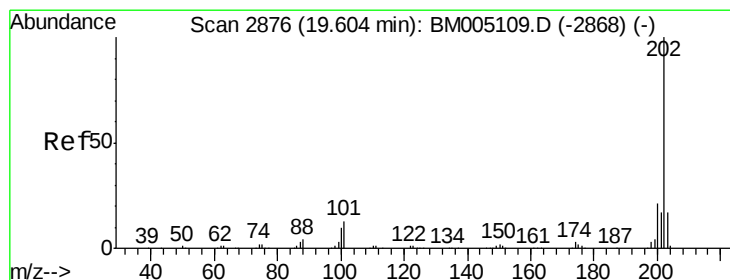
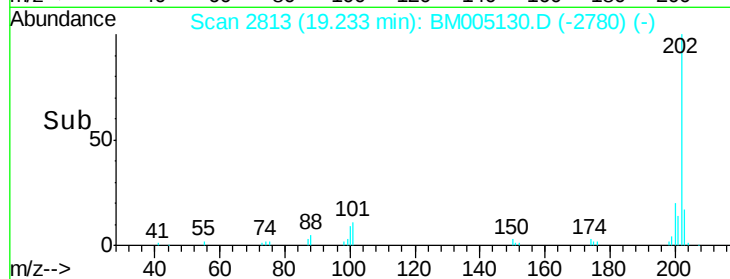
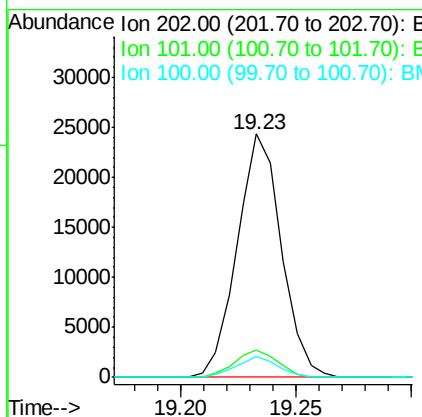
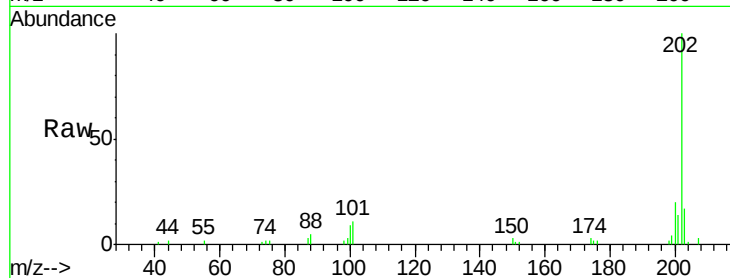




#74
 Fluoranthene
 Concen: 1.89 ng/ul
 RT: 19.23 min Scan# 2813
 Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.4
100	8.7	6.6	10.0



#77
 Pyrene
 Concen: 1.39 ng/ul
 RT: 19.60 min Scan# 2875
 Delta R.T. -0.01 min
 Lab File: BM005130.D
 Acq: 29 Apr 2016 01:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.5	15.7
100	10.3	8.2	12.2

