

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021216\
 Data File : BM004238.D
 Acq On : 12 Feb 2016 21:13
 Operator : SJ/IZ
 Sample : H1399-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04S6

Quant Time: Feb 12 22:33:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 12 22:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	22890	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	105996	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	65373	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	150267	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	165270	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	139983	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	514	1.13	ng/uL	0.00
5) Phenol-d5	6.83	99	13780	7.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	27234	27.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	37201	22.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	25881	16.53	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	21455	26.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	24348	26.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	41569	25.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	5806	2.97	ng/ul	0.01
44) Dimethylphthalate-d6	13.72	166	179096	32.92	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	193191	29.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	5751	6.53	ng/ul	0.00
58) Fluorene-d10	15.30	176	146894	32.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	24805	27.11	ng/ul	0.00
71) Anthracene-d10	17.16	188	244001	33.21	ng/ul	0.00
79) Pyrene-d10	19.46	212	270276	30.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	248320	33.24	ng/ul	0.00

Target Compounds

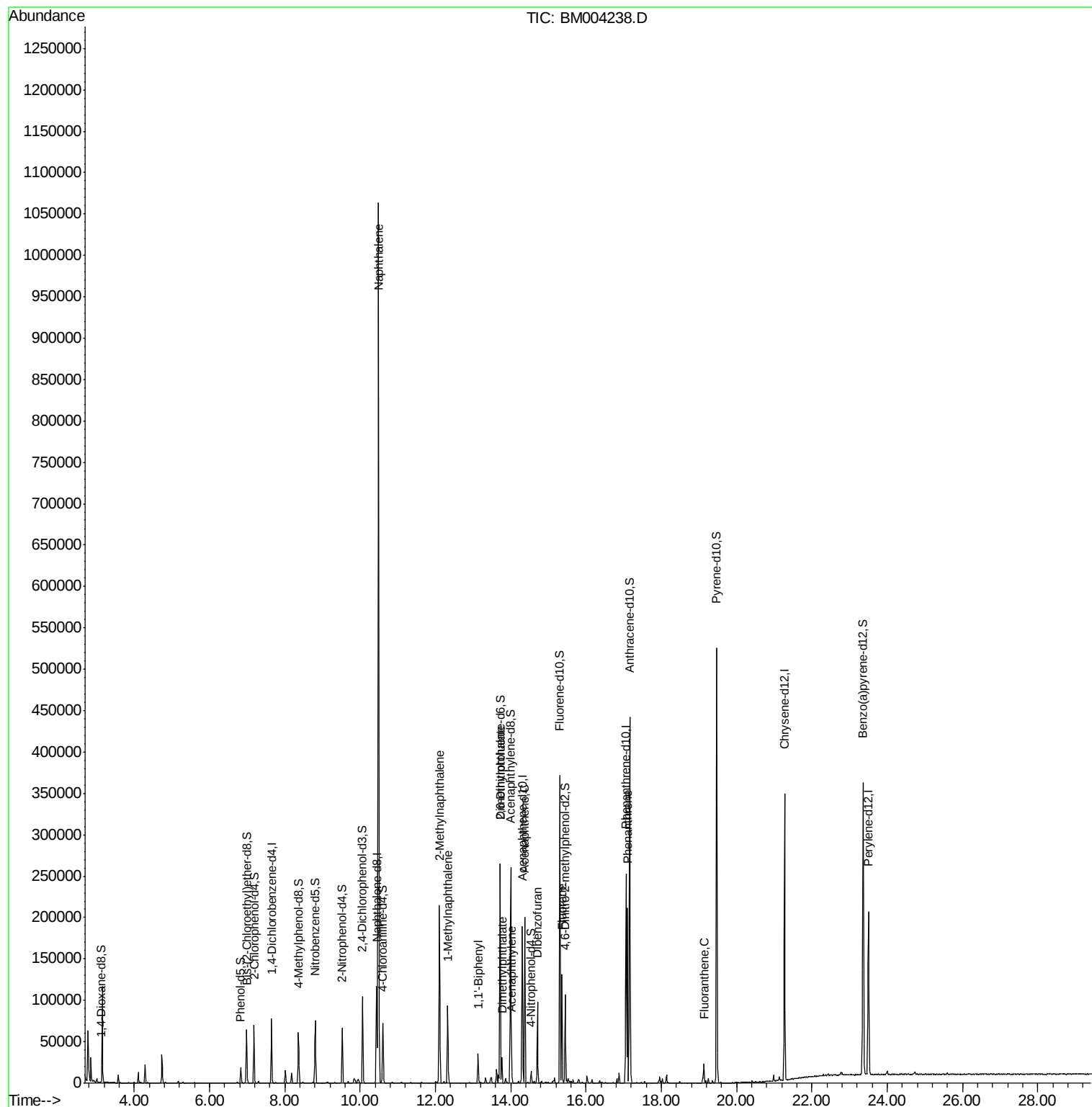
						Qvalue
28) Naphthalene	10.49	128	935340	158.67	ng/ul	100
34) 2-Methylnaphthalene	12.10	142	106675	25.08	ng/ul	100
35) 1-Methylnaphthalene	12.33	142	46615	11.59	ng/ul	99
41) 1,1'-Biphenyl	13.13	154	21845	3.74	ng/ul	99
45) Dimethylphthalate	13.76	163	21421	3.77	ng/ul	98
46) 2,6-Dinitrotoluene	13.72	165	1399	1.25	ng/ul#	34
48) Acenaphthylene	14.02	152	8550	1.18	ng/ul	97
50) Acenaphthene	14.37	153	81928	16.75	ng/ul	99
54) Dibenzofuran	14.70	168	65815	9.74	ng/ul	98
59) Fluorene	15.36	166	58993	10.83	ng/ul	100
70) Phenanthrene	17.10	178	127117	13.99	ng/ul	99
77) Fluoranthene	19.13	202	15683	1.65	ng/ul	100

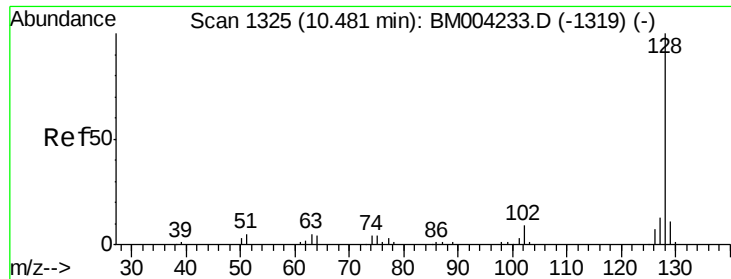
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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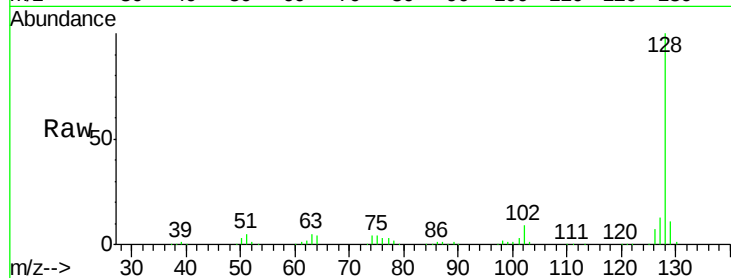




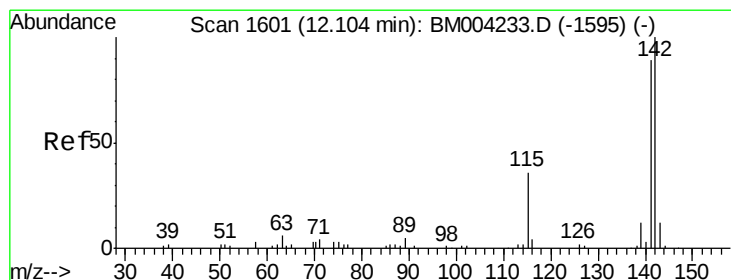
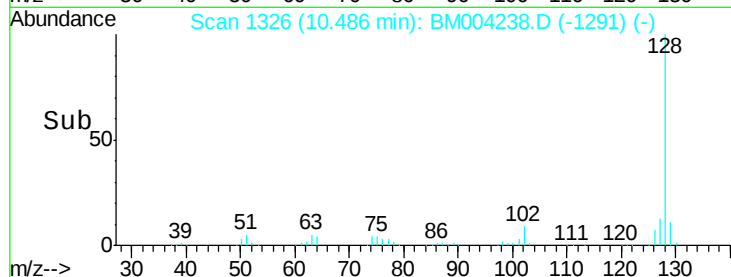
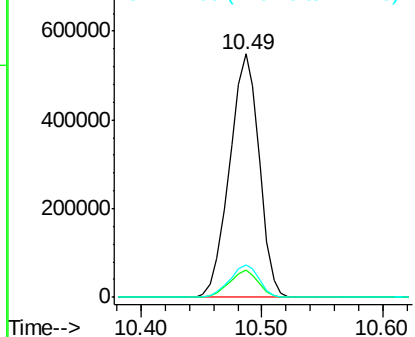
#28
Naphthalene
Concen: 158.67 ng/ul
RT: 10.49 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BM004238.D
Acq: 12 Feb 2016 21:13

Instrument :
BNA_M
ClientSampleId :
C04S6

Tgt Ion:128 Resp: 935340
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.5 15.7

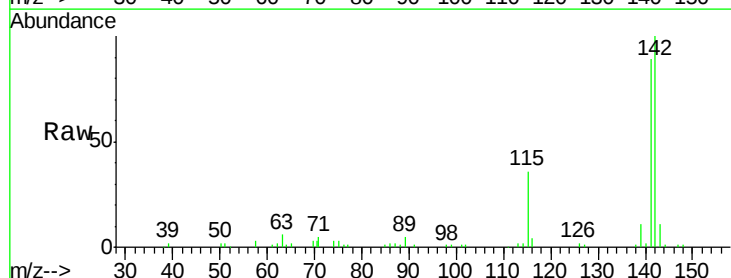


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

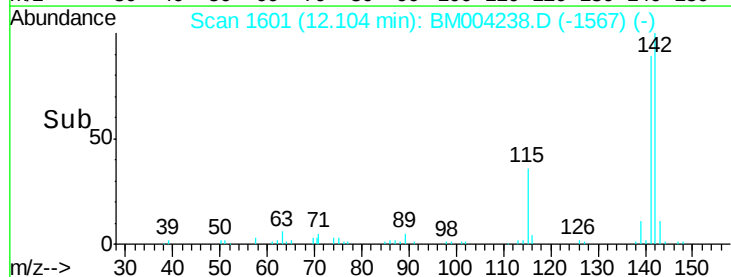
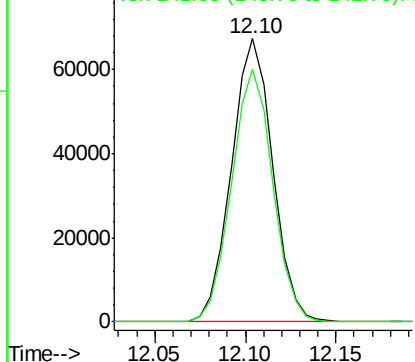


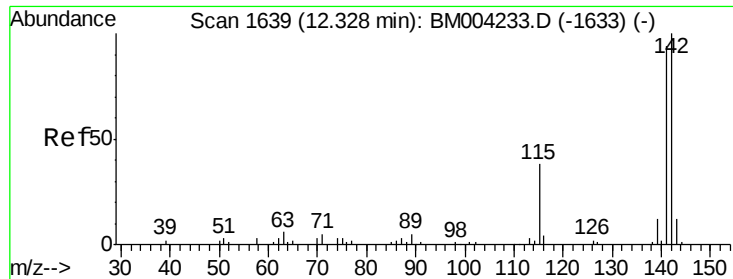
#34
2-Methylnaphthalene
Concen: 25.08 ng/ul
RT: 12.10 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BM004238.D
Acq: 12 Feb 2016 21:13

Tgt Ion:142 Resp: 106675
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

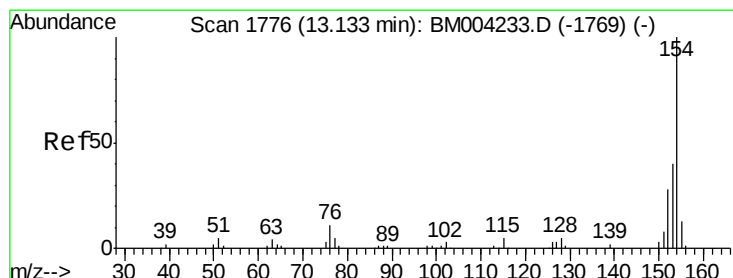
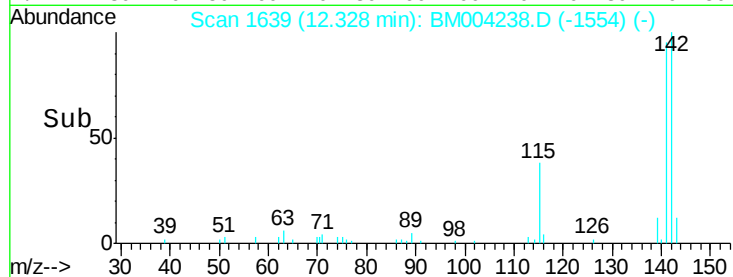
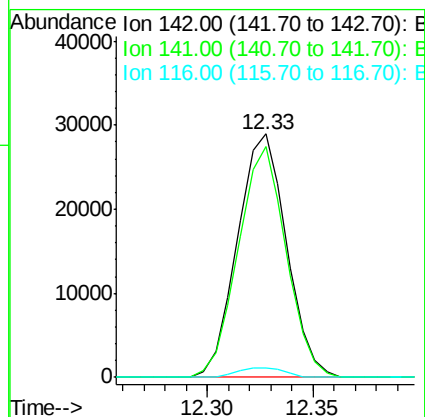
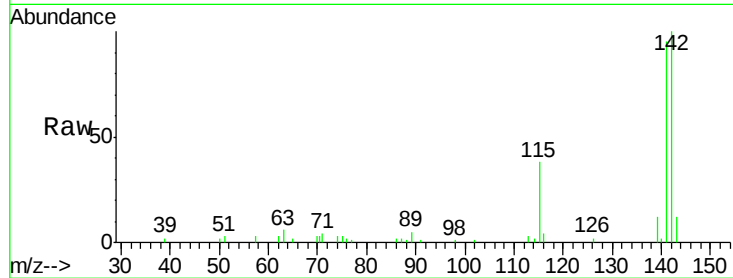




#35
 1-Methylnaphthalene
 Concen: 11.59 ng/ul
 RT: 12.33 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BM004238.D
 Acq: 12 Feb 2016 21:13

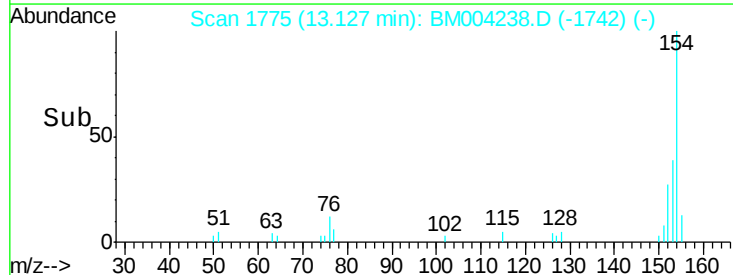
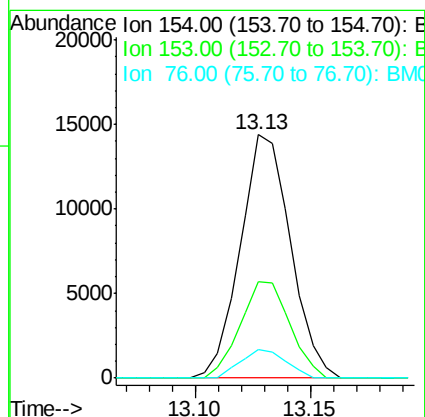
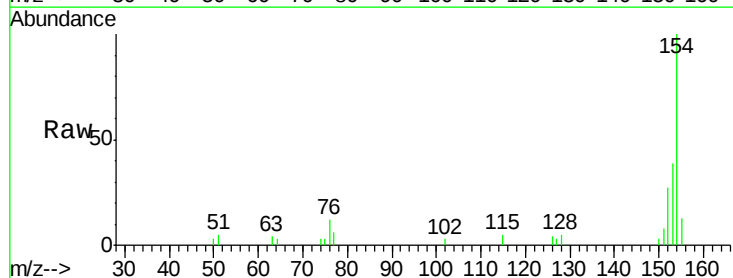
Instrument :
 BNA_M
 ClientSampleId :
 C04S6

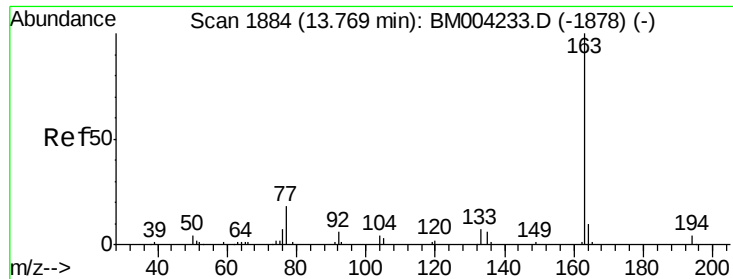
Tgt Ion:142 Resp: 46615
 Ion Ratio Lower Upper
 142 100
 141 94.6 74.9 112.3
 116 3.9 3.1 4.7



#41
 1,1'-Biphenyl
 Concen: 3.74 ng/ul
 RT: 13.13 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BM004238.D
 Acq: 12 Feb 2016 21:13

Tgt Ion:154 Resp: 21845
 Ion Ratio Lower Upper
 154 100
 153 39.5 32.1 48.1
 76 11.6 9.5 14.3





#45

Dimethylphthalate

Concen: 3.77 ng/ul

RT: 13.76 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BM004238.D

Acq: 12 Feb 2016 21:13

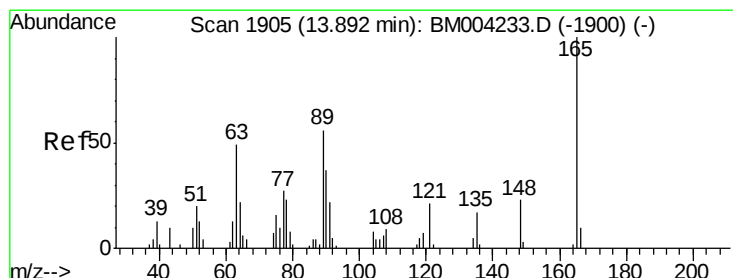
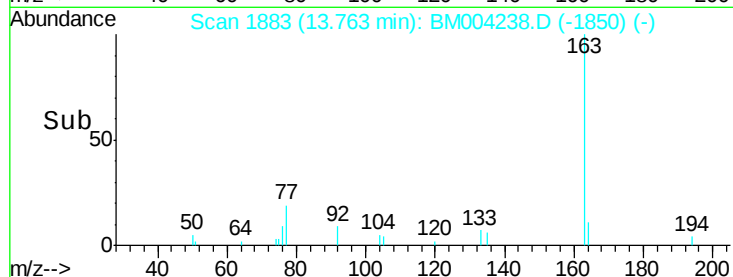
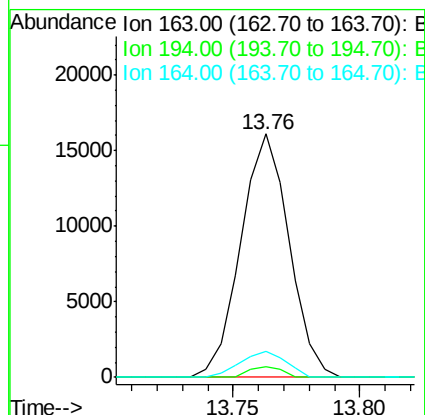
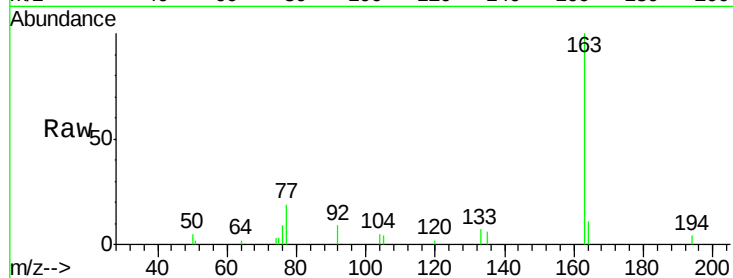
Instrument :

BNA_M

ClientSampleId :

C04S6

Tgt Ion:	163	Resp:	21421
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.9	7.8	11.8



#46

2,6-Dinitrotoluene

Concen: 1.25 ng/ul

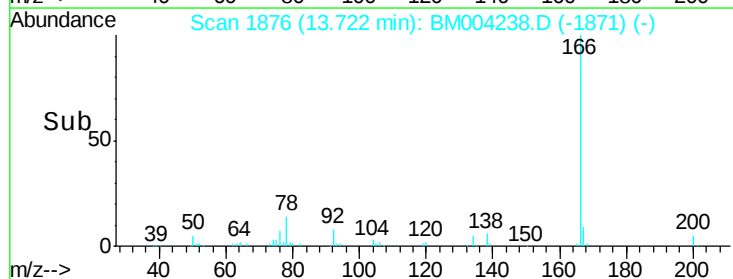
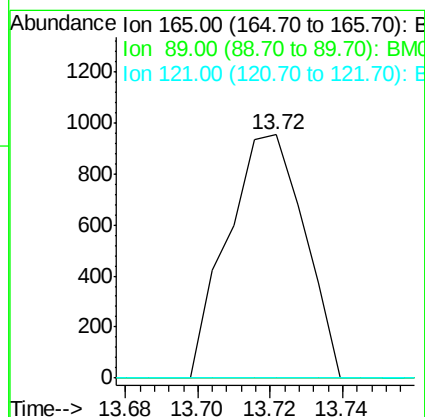
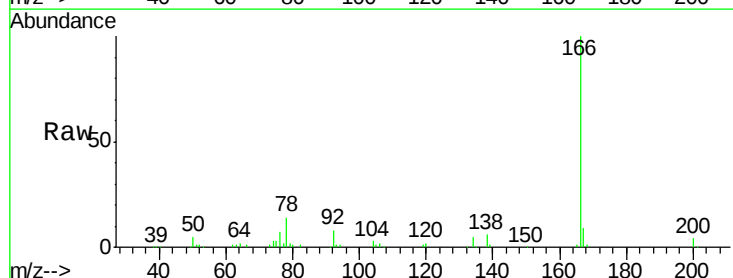
RT: 13.72 min Scan# 1876

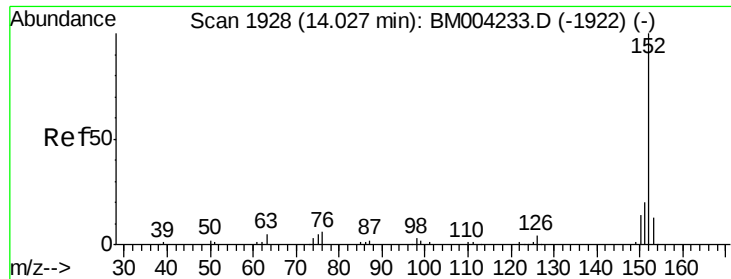
Delta R.T. -0.17 min

Lab File: BM004238.D

Acq: 12 Feb 2016 21:13

Tgt Ion:	165	Resp:	1399
Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.4	63.6#
121	0.0	16.6	24.8#





#48

Acenaphthylene

Concen: 1.18 ng/ul

RT: 14.02 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM004238.D

Acq: 12 Feb 2016 21:13

Instrument :

BNA_M

ClientSampleId :

C04S6

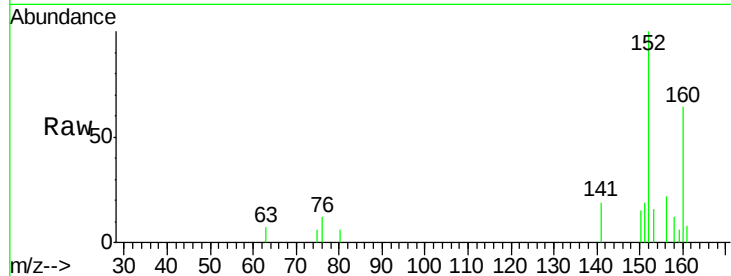
Tgt Ion:152 Resp: 8550

Ion Ratio Lower Upper

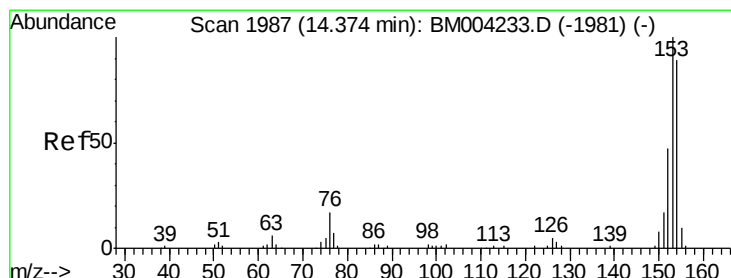
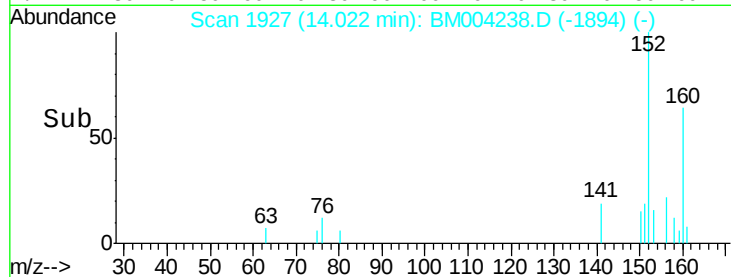
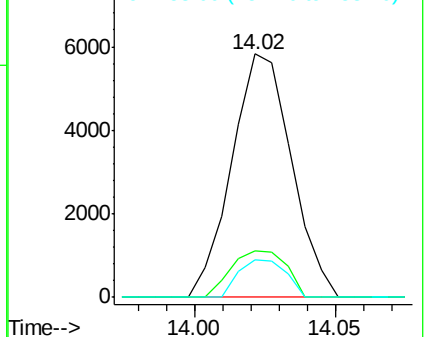
152 100

151 19.2 15.7 23.5

153 15.6 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 16.75 ng/ul

RT: 14.37 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BM004238.D

Acq: 12 Feb 2016 21:13

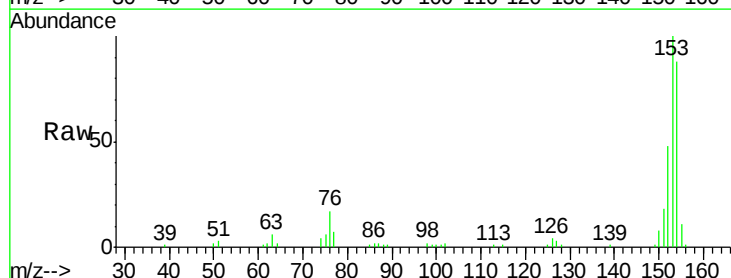
Tgt Ion:153 Resp: 81928

Ion Ratio Lower Upper

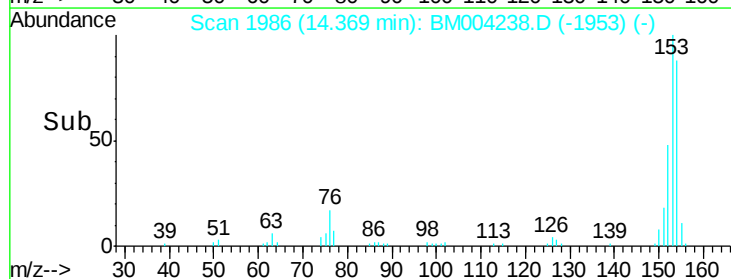
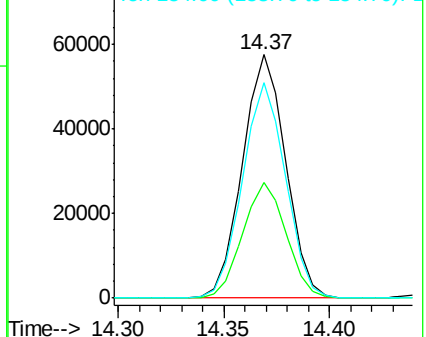
153 100

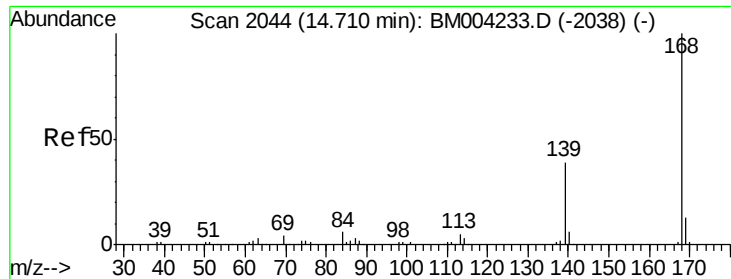
152 47.7 38.3 57.5

154 88.4 71.8 107.8



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





#54

Dibenzenofuran

Concen: 9.74 ng/ul

RT: 14.70 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BM004238.D

Acq: 12 Feb 2016 21:13

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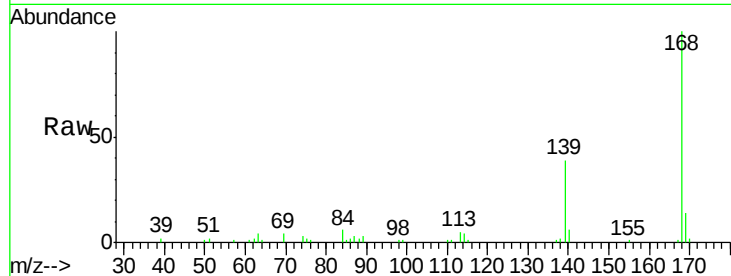
C04S6

Tgt Ion:168 Resp: 65815

Ion Ratio Lower Upper

168 100

139 39.1 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.70

50000

40000

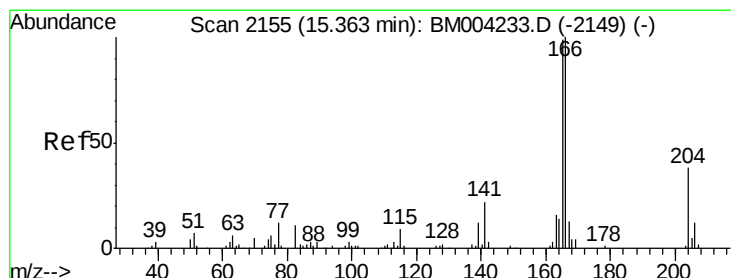
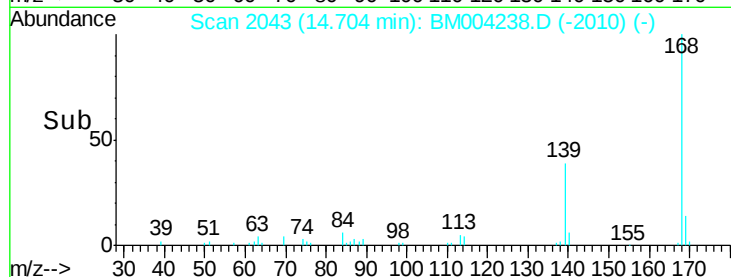
30000

20000

10000

0

Time-->



#59

Fluorene

Concen: 10.83 ng/ul

RT: 15.36 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM004238.D

Acq: 12 Feb 2016 21:13

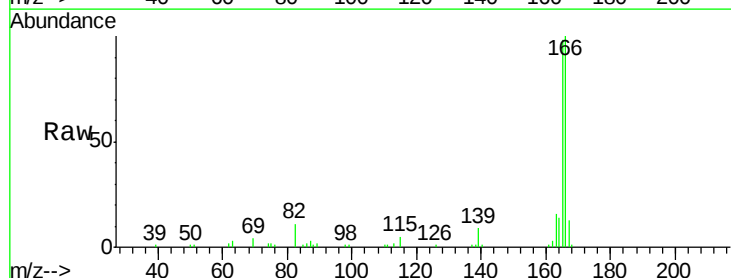
Tgt Ion:166 Resp: 58993

Ion Ratio Lower Upper

166 100

165 97.7 78.5 117.7

167 13.4 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

50000

40000

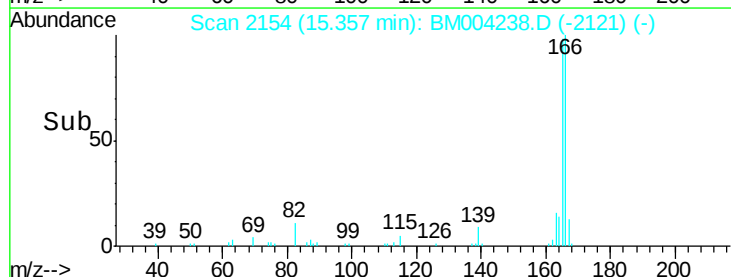
30000

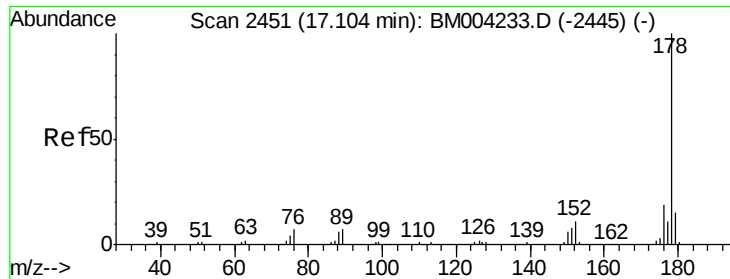
20000

10000

0

Time-->





#70

Phenanthrene

Concen: 13.99 ng/ul

RT: 17.10 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BM004238.D

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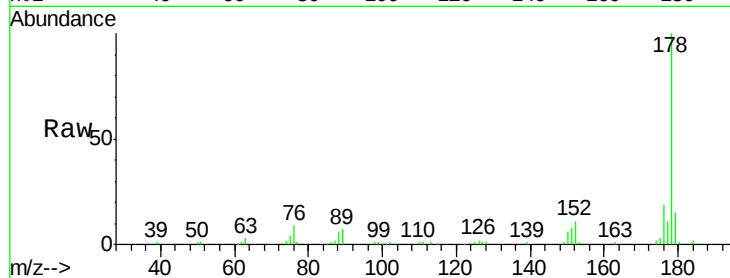
Tgt Ion:178 Resp: 127117

Ion Ratio Lower Upper

178 100

179 14.8 12.2 18.4

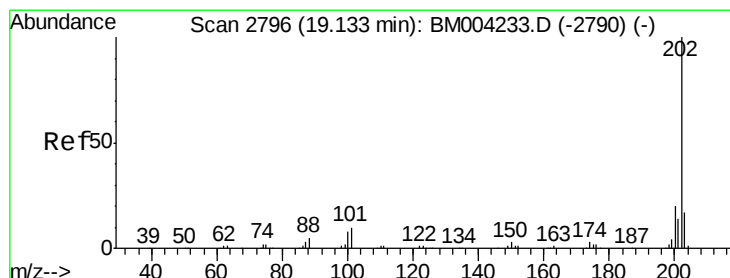
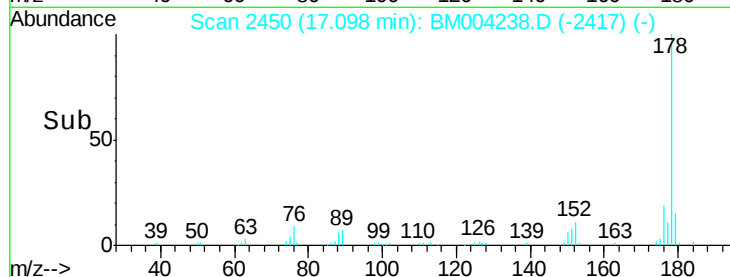
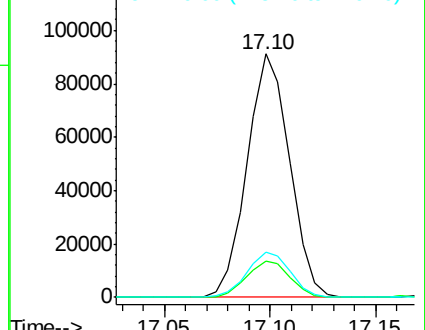
176 18.8 15.6 23.4



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



#77

Fluoranthene

Concen: 1.65 ng/ul

RT: 19.13 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM004238.D

Acq: 12 Feb 2016 21:13

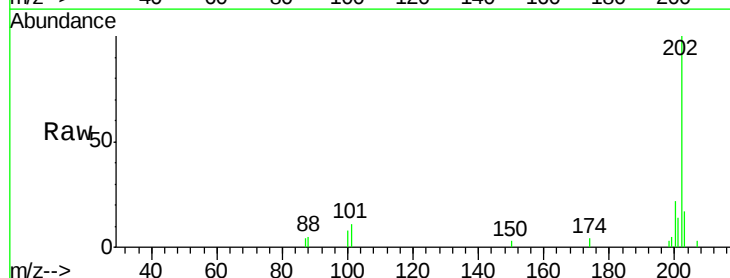
Tgt Ion:202 Resp: 15683

Ion Ratio Lower Upper

202 100

101 11.3 8.8 13.2

100 8.3 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

