

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
 Data File : BM005004.D
 Acq On : 20 Apr 2016 23:19
 Operator : UM/SJ
 Sample : H2567-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7K3

Quant Time: Apr 21 10:40:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 22:59:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	46115	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	194823	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	111356	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	256430	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	297459	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	287092	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.30	96	4526	5.26	ng/uL	0.00
5) Phenol-d5	6.97	99	82711	25.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	51409	27.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	69576	25.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	67429	24.79	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	31380	24.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	34826	23.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	63427	24.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	88777	29.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	212579	28.06	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	261648	28.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	21339	16.51	ng/ul	0.00
57) Fluorene-d10	15.44	176	192001	29.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	22967	20.71	ng/ul	0.00
70) Anthracene-d10	17.29	188	297893	29.24	ng/ul	0.00
76) Pyrene-d10	19.59	212	343219	27.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	340339	30.78	ng/ul	0.00

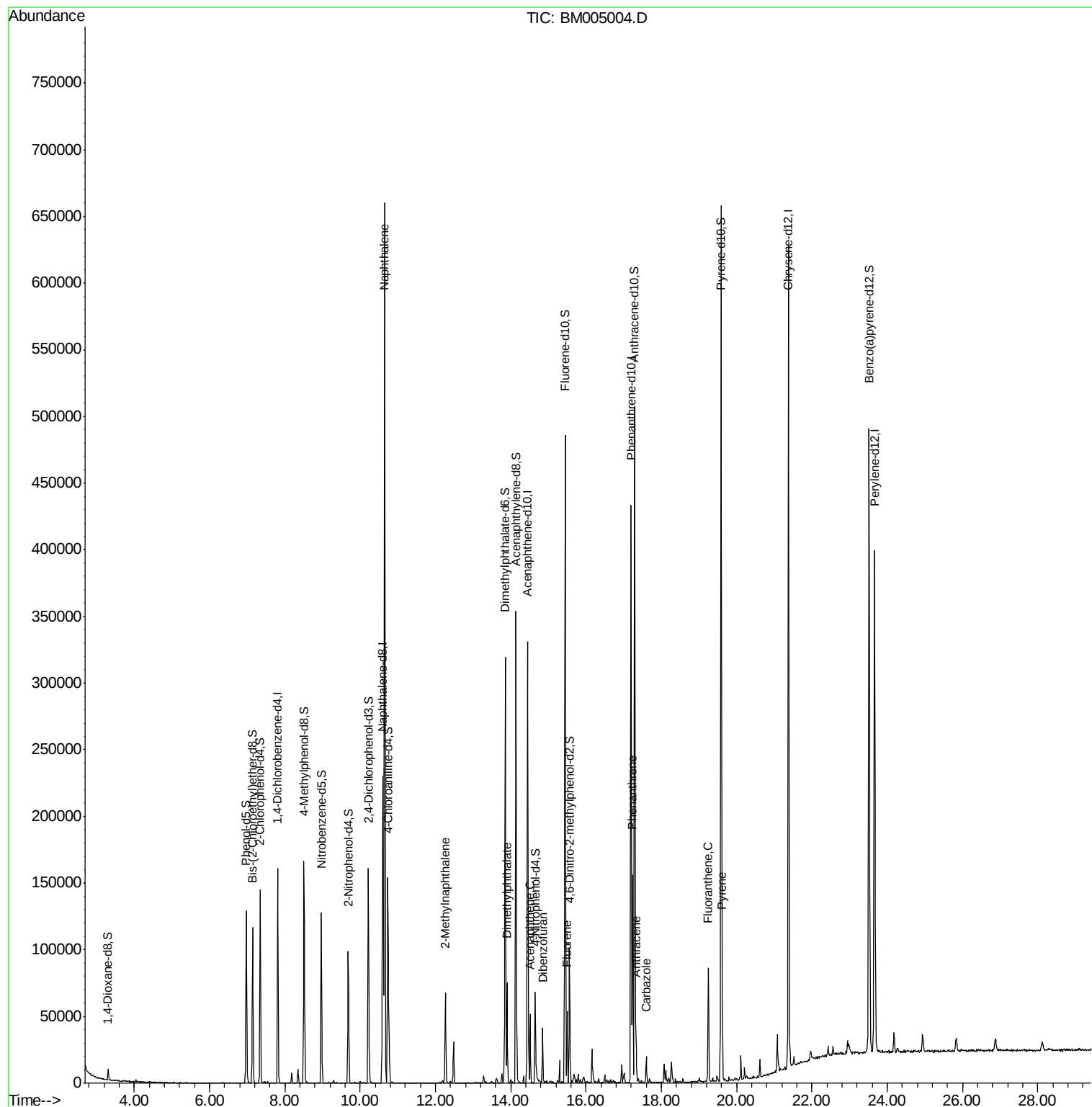
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.65	128	575312	66.28	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	35245	5.57	ng/ul	99
44) Dimethylphthalate	13.90	163	49412	6.55	ng/ul	99
49) Acenaphthene	14.51	153	22144	3.45	ng/ul	98
53) Dibenzofuran	14.84	168	29816	3.21	ng/ul	98
58) Fluorene	15.49	166	26292	3.68	ng/ul	98
69) Phenanthrene	17.23	178	95553	7.99	ng/ul	99
71) Anthracene	17.32	178	29475	2.44	ng/ul	99
72) Carbazole	17.60	167	16762	1.64	ng/ul	99
74) Fluoranthene	19.25	202	56869	4.61	ng/ul	98
77) Pyrene	19.61	202	42322	2.69	ng/ul	98

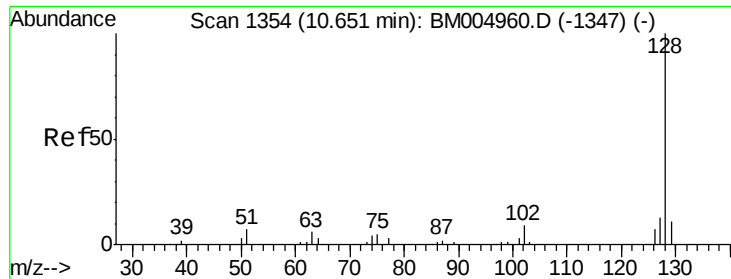
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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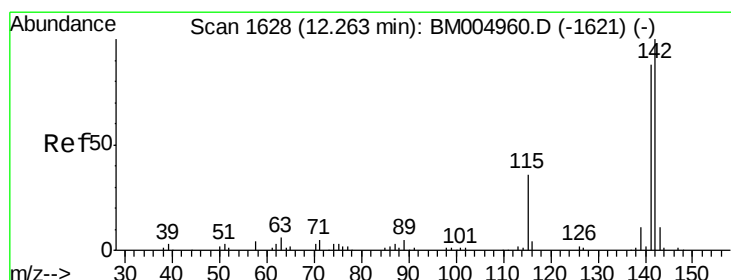
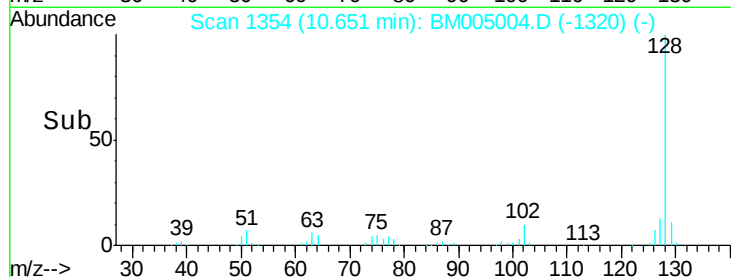
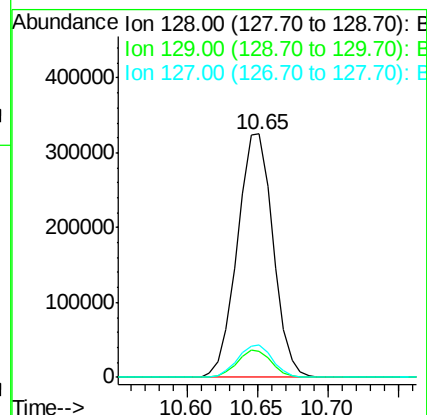
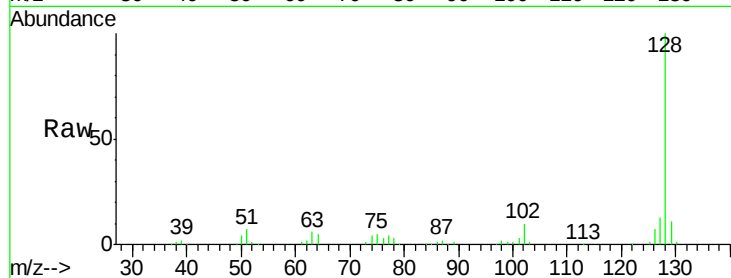




#28
Naphthalene
Concen: 66.28 ng/ul
RT: 10.65 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BM005004.D
Acq: 20 Apr 2016 23:19

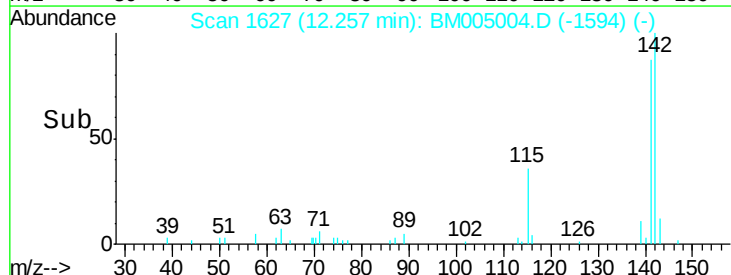
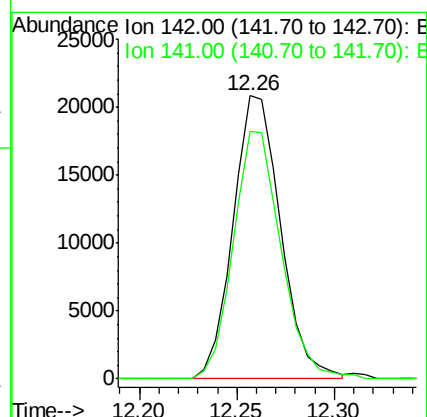
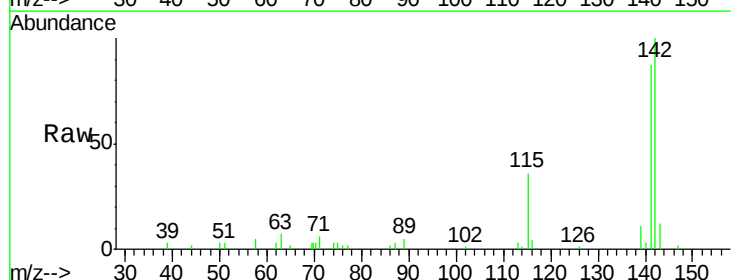
Instrument :
BNA_M
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BC7K3

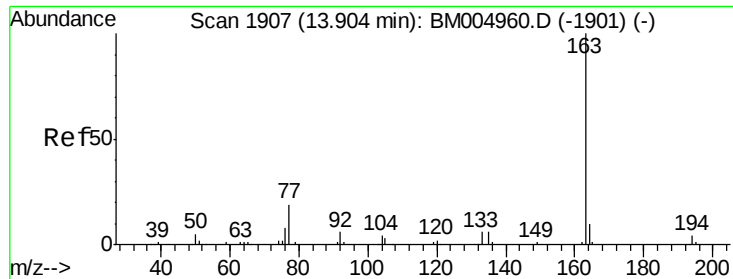
Tgt Ion:128 Resp: 575312
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.6 15.8



#34
2-Methylnaphthalene
Concen: 5.57 ng/ul
RT: 12.26 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BM005004.D
Acq: 20 Apr 2016 23:19

Tgt Ion:142 Resp: 35245
Ion Ratio Lower Upper
142 100
141 87.4 70.3 105.5

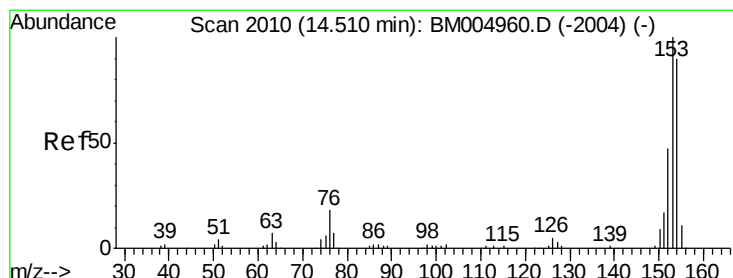
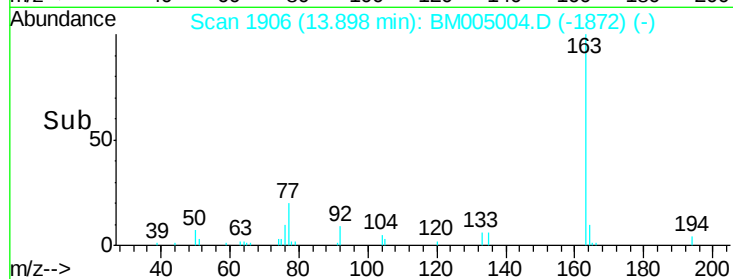
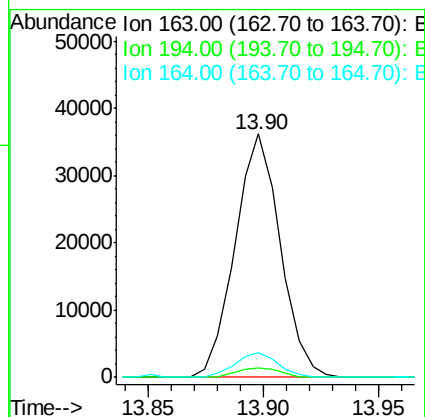
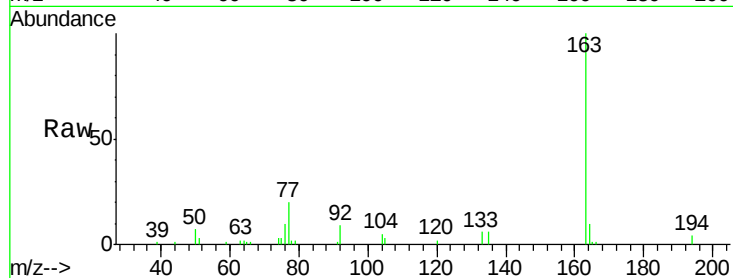




#44
Dimethylphthalate
Concen: 6.55 ng/ul
RT: 13.90 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM005004.D
Acq: 20 Apr 2016 23:19

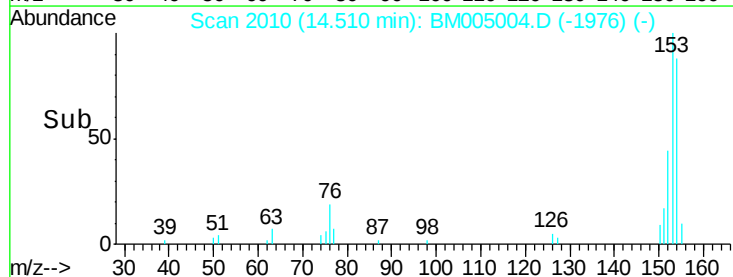
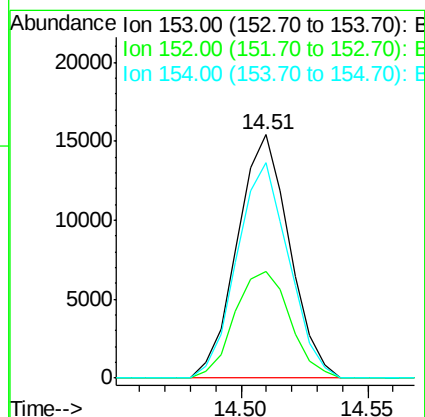
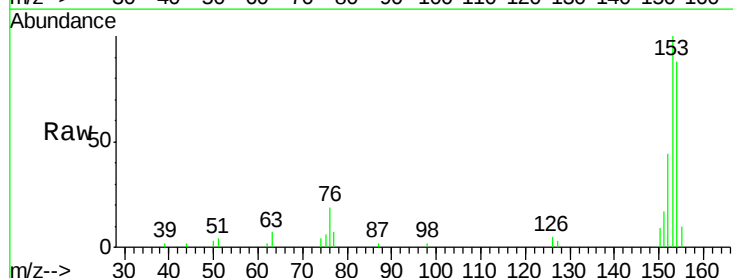
Instrument :
BNA_M
ClientSampleId :
BC7K3

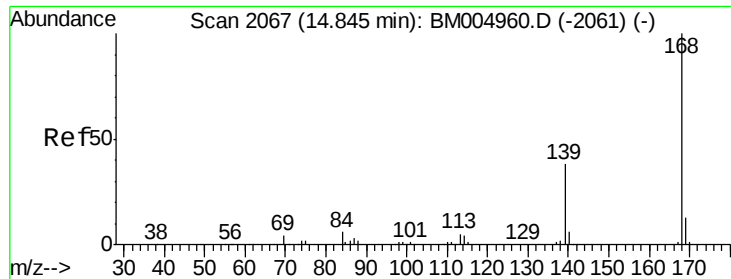
Tgt Ion:163 Resp: 49412
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.9 8.2 12.2



#49
Acenaphthene
Concen: 3.45 ng/ul
RT: 14.51 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BM005004.D
Acq: 20 Apr 2016 23:19

Tgt Ion:153 Resp: 22144
Ion Ratio Lower Upper
153 100
152 43.7 37.7 56.5
154 88.4 71.4 107.2





#53

Dibenzenofuran

Concen: 3.21 ng/ul

RT: 14.84 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BM005004.D

Acq: 20 Apr 2016 23:19

Instrument :

BNA_M

ClientSampled :

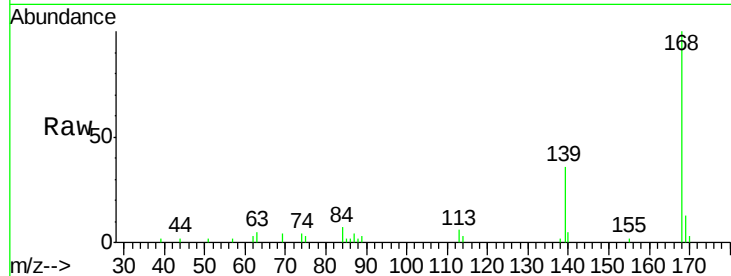
BC7K3

Tgt Ion:168 Resp: 29816

Ion Ratio Lower Upper

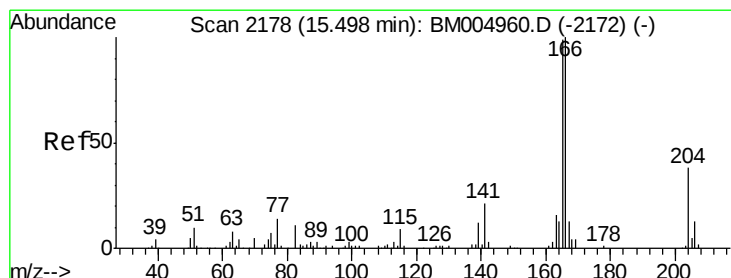
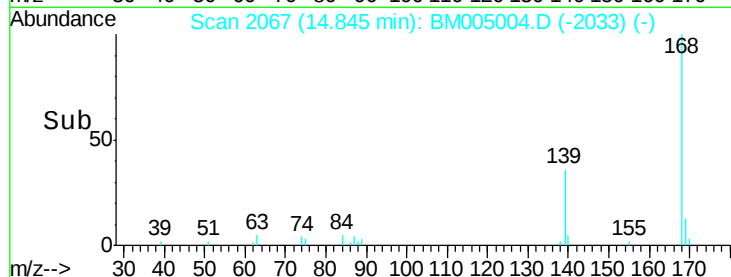
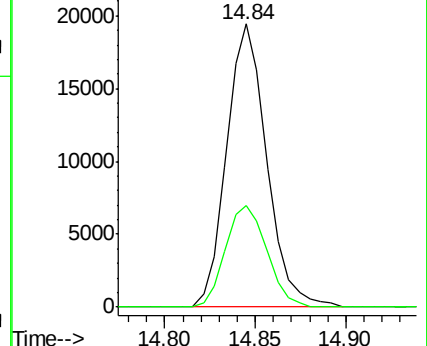
168 100

139 36.0 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: 3.68 ng/ul

RT: 15.49 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BM005004.D

Acq: 20 Apr 2016 23:19

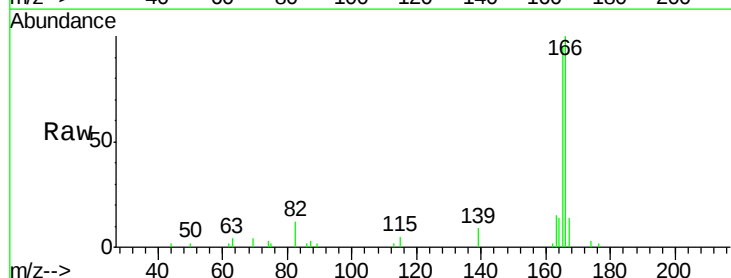
Tgt Ion:166 Resp: 26292

Ion Ratio Lower Upper

166 100

165 94.9 77.7 116.5

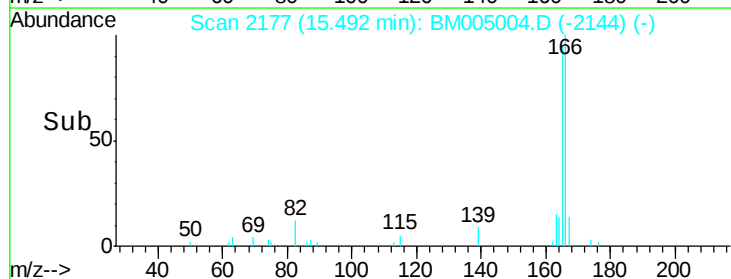
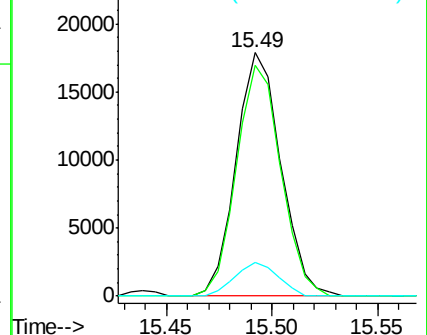
167 13.6 10.9 16.3

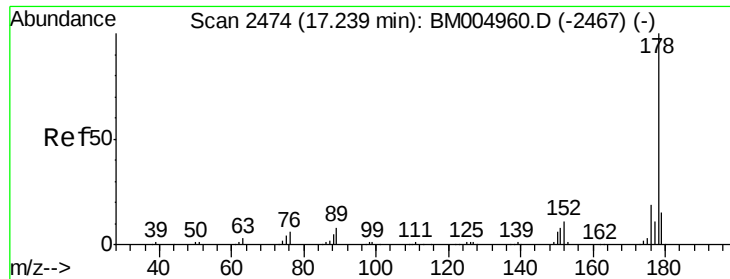


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

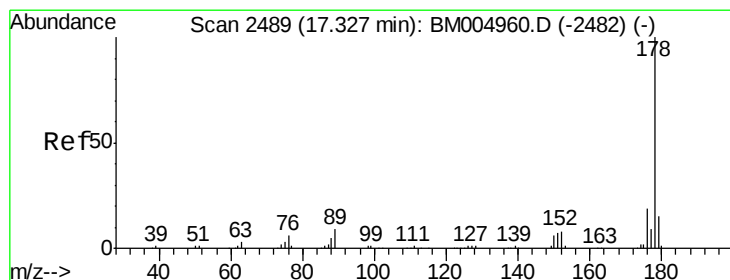
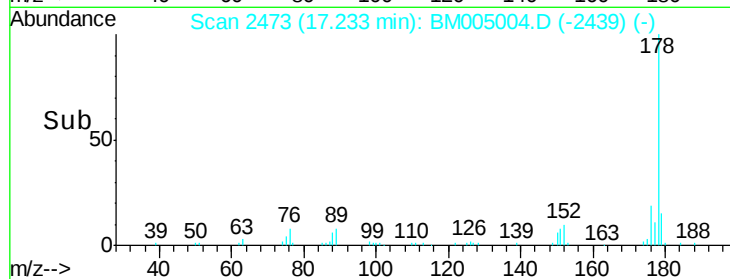
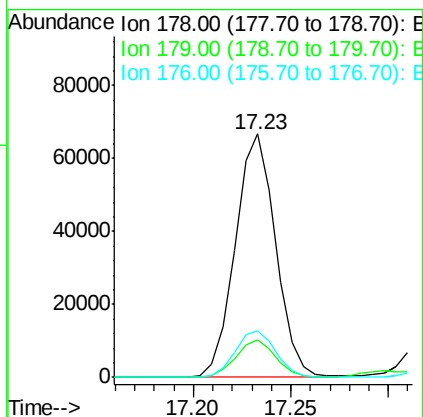
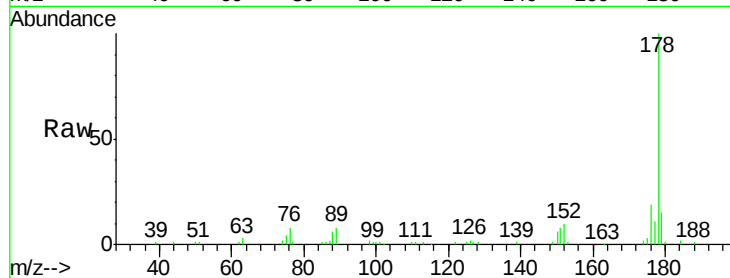




#69
 Phenanthrene
 Concen: 7.99 ng/ul
 RT: 17.23 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BM005004.D
 Acq: 20 Apr 2016 23:19

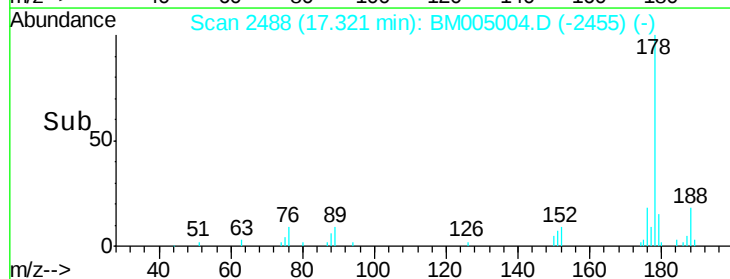
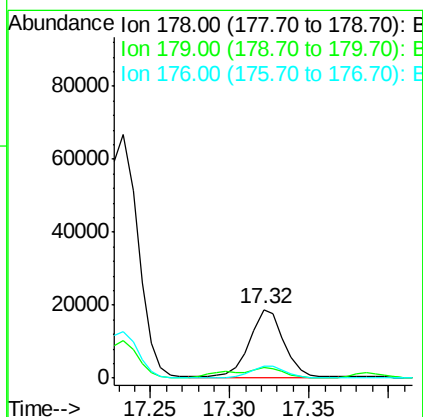
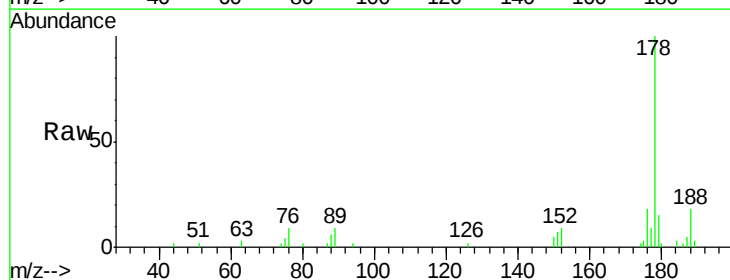
Instrument :
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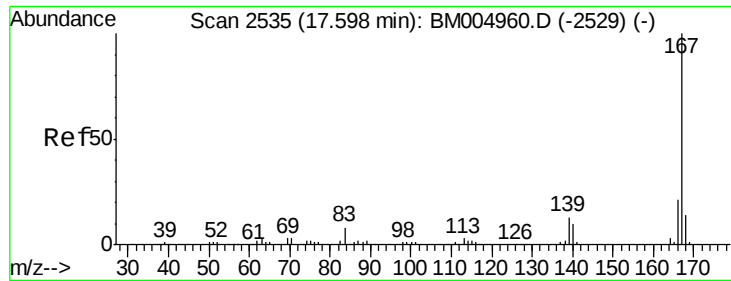
Tgt Ion:178 Resp: 95553
 Ion Ratio Lower Upper
 178 100
 179 15.5 11.8 17.8
 176 19.0 15.2 22.8



#71
 Anthracene
 Concen: 2.44 ng/ul
 RT: 17.32 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BM005004.D
 Acq: 20 Apr 2016 23:19

Tgt Ion:178 Resp: 29475
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.1 18.1
 176 17.7 14.6 22.0





#72

Carbazole

Concen: 1.64 ng/ul

RT: 17.60 min Scan# 2535

Delta R.T. -0.00 min

Lab File: BM005004.D

Acq: 20 Apr 2016 23:19

Instrument :

BNA_M

ClientSampleId :

BC7K3

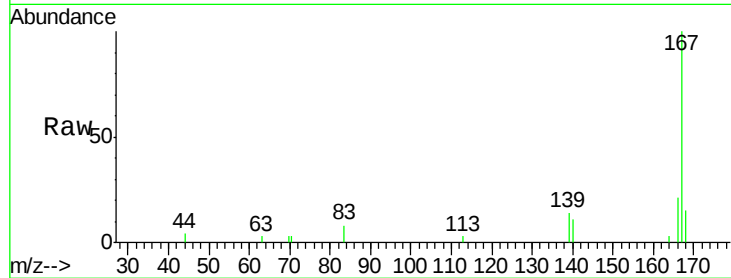
Tgt Ion:167 Resp: 16762

Ion Ratio Lower Upper

167 100

166 21.2 16.6 25.0

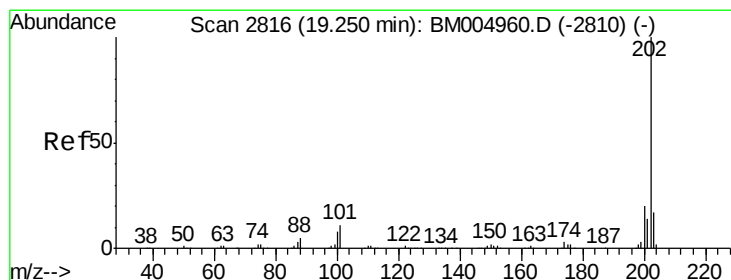
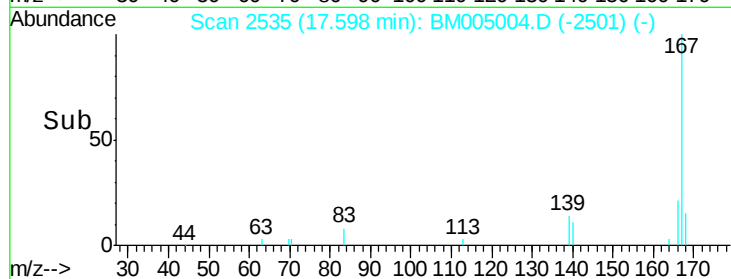
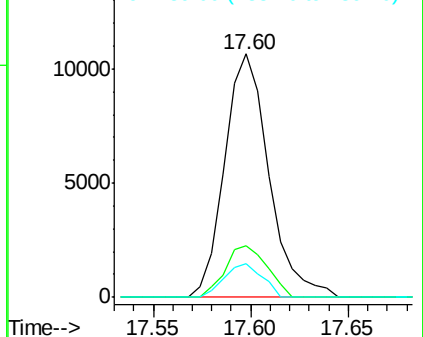
139 13.7 10.2 15.4



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



#74

Fluoranthene

Concen: 4.61 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BM005004.D

Acq: 20 Apr 2016 23:19

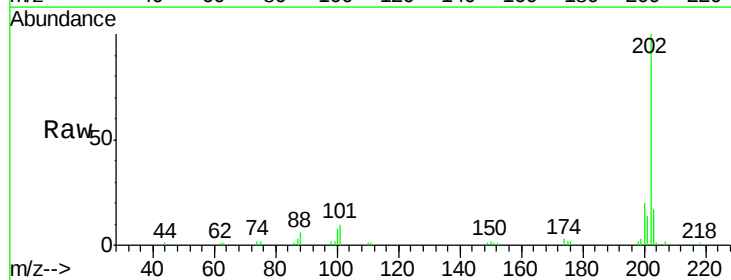
Tgt Ion:202 Resp: 56869

Ion Ratio Lower Upper

202 100

101 10.4 9.0 13.4

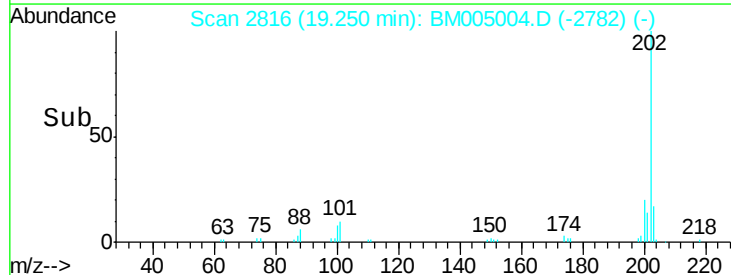
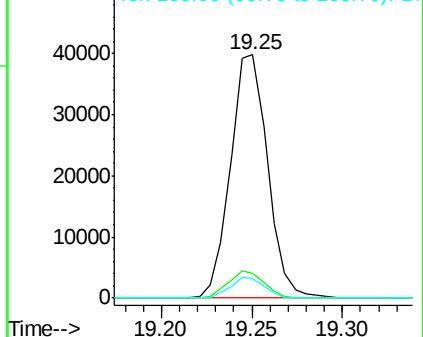
100 8.0 6.6 10.0

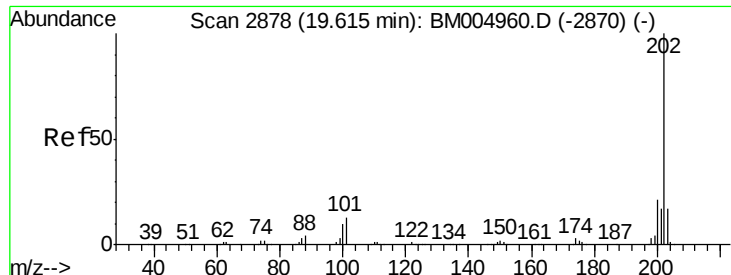


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

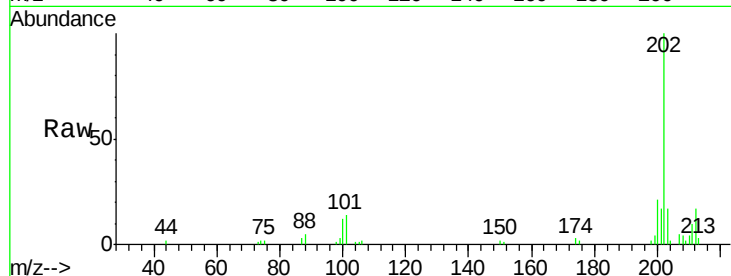




#77
 Pyrene
 Concen: 2.69 ng/ul
 RT: 19.61 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM005004.D
 Acq: 20 Apr 2016 23:19

Instrument :
 BNA_M
 ClientSampleId :
 BC7K3

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.5	15.7
100	11.7	8.2	12.2



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

