

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042516\
 Data File : BM005064.D
 Acq On : 26 Apr 2016 02:31
 Operator : UM/SJ
 Sample : H2584-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q0

Quant Time: Apr 26 03:47:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 26 00:45:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	38172	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	209971	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	158705	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	382439	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	456280	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	424746	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	3760	5.01	ng/uL	0.00
5) Phenol-d5	6.96	99	74058	23.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	97409	54.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	124641	49.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	106476	39.77	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	71451	49.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	83085	51.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	141137	45.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	666	0.18	ng/ul	0.02
43) Dimethylphthalate-d6	13.85	166	490611	39.14	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	547312	36.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	40889	18.66	ng/ul	0.00
57) Fluorene-d10	15.43	176	410956	37.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	95258	43.79	ng/ul	0.00
70) Anthracene-d10	17.29	188	670537	39.10	ng/ul	0.00
76) Pyrene-d10	19.58	212	792422	38.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	765303	40.21	ng/ul	0.00

Target Compounds

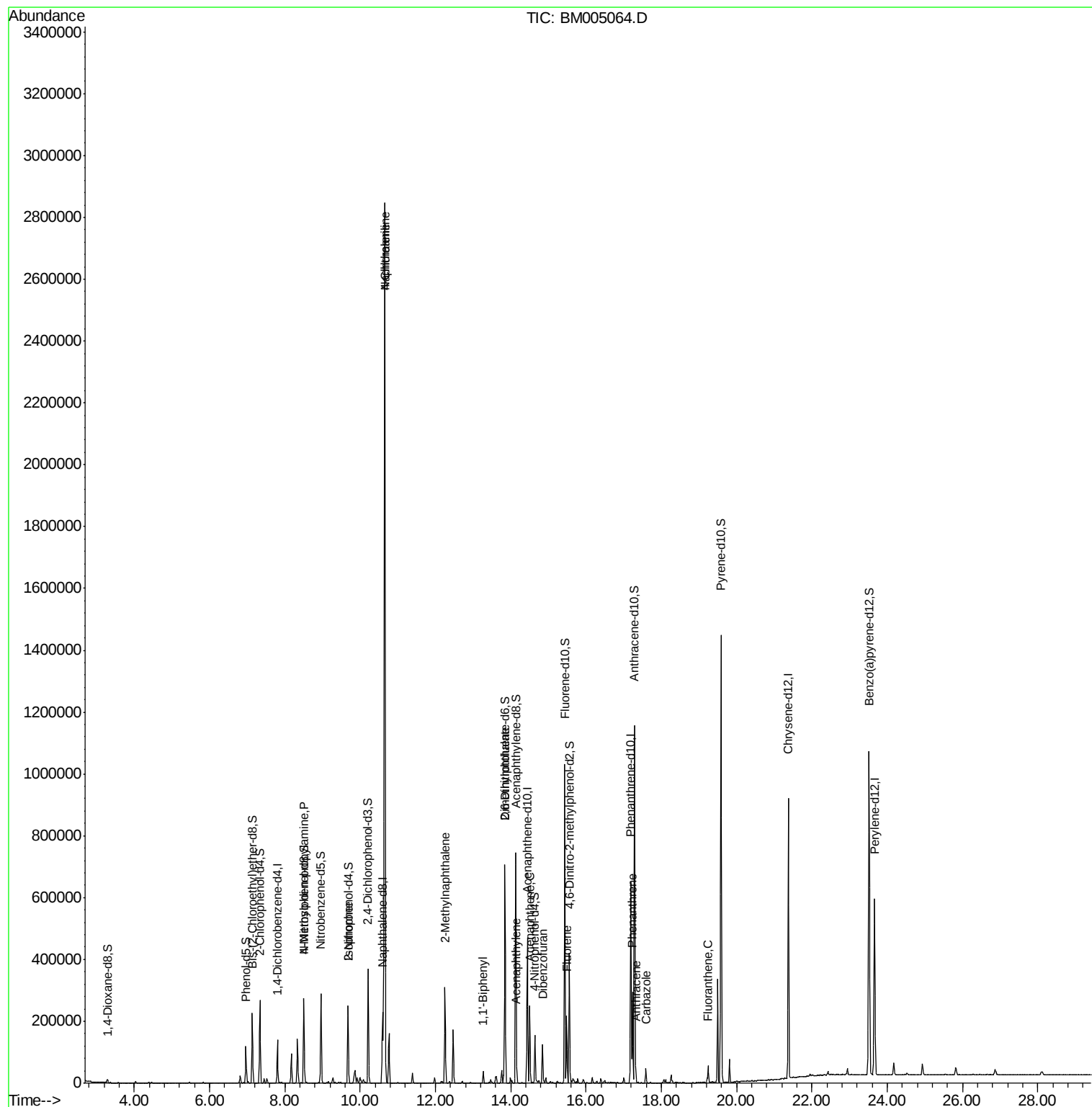
						Qvalue
15) N-Nitroso-di-n-propylamine	8.50	70	2398	1.19	ng/ul#	1
21) Isophorone	9.67	82	7170	1.06	ng/ul#	65
28) Naphthalene	10.66	128	2899073	273.75	ng/ul	99
30) 4-Chloroaniline	10.66	127	393690	107.03	ng/ul#	17
34) 2-Methylnaphthalene	12.25	142	147103	18.77	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	21163	1.69	ng/ul	100
45) 2,6-Dinitrotoluene	13.85	165	3594	1.48	ng/ul#	38
47) Acenaphthylene	14.16	152	18337	1.16	ng/ul	97
49) Acenaphthene	14.50	153	102844	9.90	ng/ul	98
53) Dibenzofuran	14.84	168	75973	4.96	ng/ul	99
58) Fluorene	15.49	166	92708	7.79	ng/ul	99
69) Phenanthrene	17.23	178	177301	8.71	ng/ul	99
71) Anthracene	17.32	178	30786	1.50	ng/ul	99
72) Carbazole	17.59	167	33123	1.88	ng/ul	98
74) Fluoranthene	19.24	202	33460	1.49	ng/ul	97

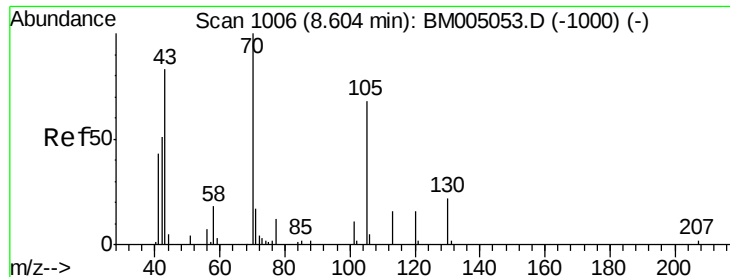
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042516\
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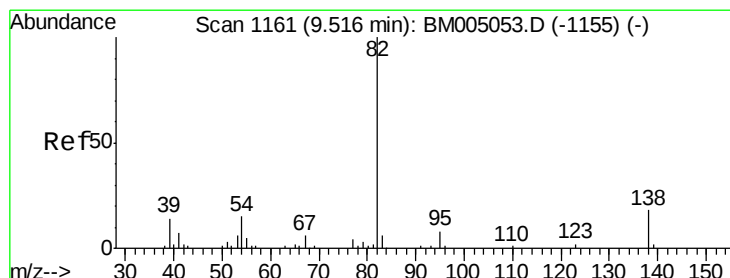
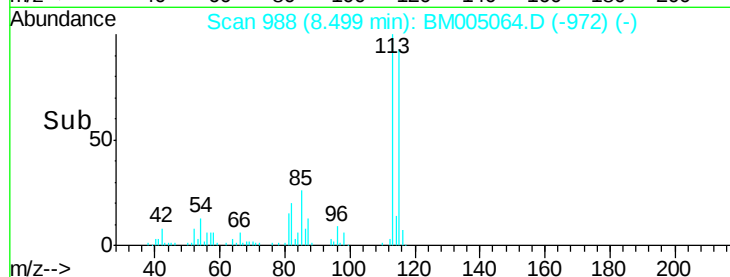
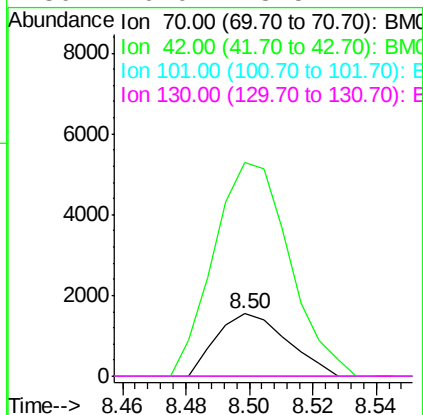
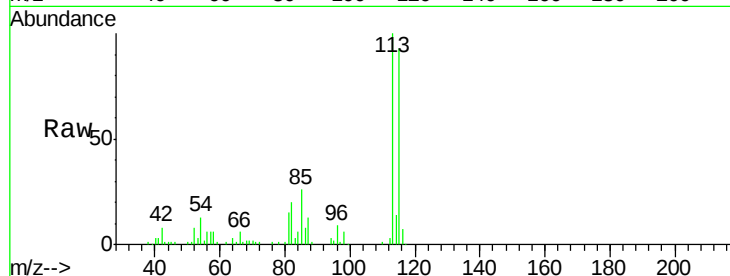




#15
N-Nitroso-di-n-propylamine
Concen: 1.19 ng/ul
RT: 8.50 min Scan# 988
Delta R.T. -0.11 min
Lab File: BM005064.D
Acq: 26 Apr 2016 02:31

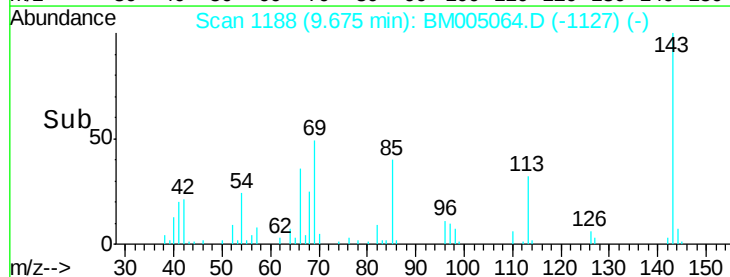
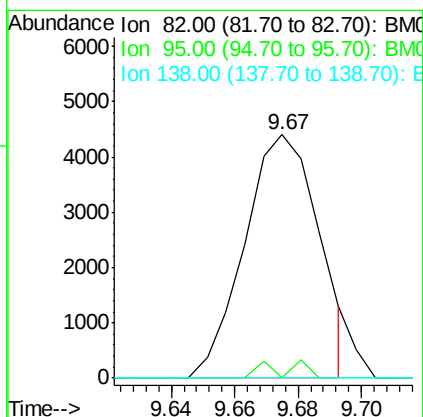
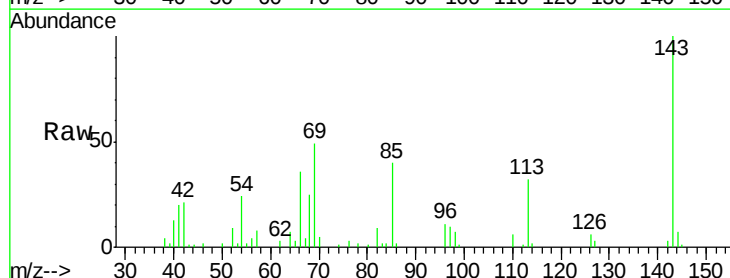
Instrument :
BNA_M
ClientSampleId :
BC7Q0

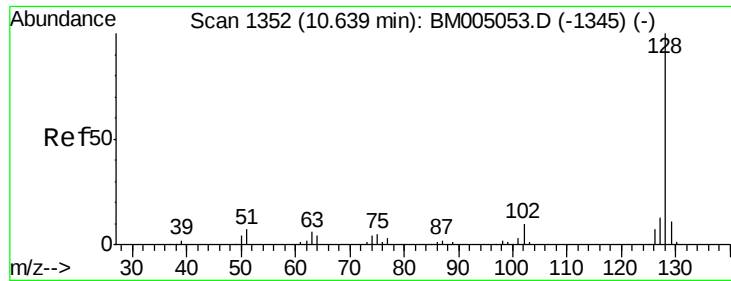
Tgt Ion: 70 Resp: 2398
Ion Ratio Lower Upper
70 100
42 341.8 40.6 60.8#
101 0.0 8.2 12.4#
130 0.0 18.5 27.7#



#21
Isophorone
Concen: 1.06 ng/ul
RT: 9.67 min Scan# 1188
Delta R.T. 0.16 min
Lab File: BM005064.D
Acq: 26 Apr 2016 02:31

Tgt Ion: 82 Resp: 7170
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#

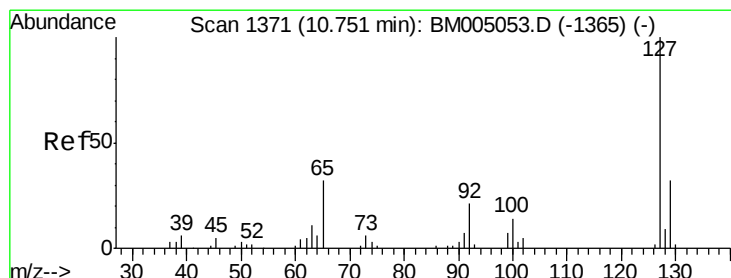
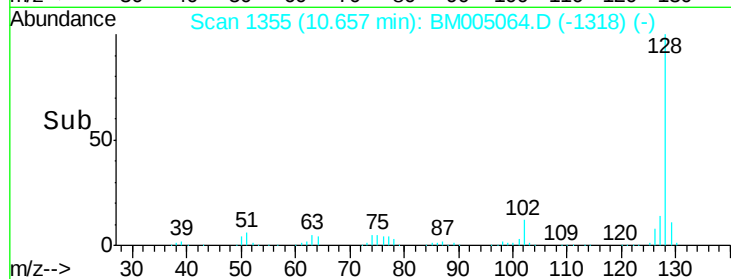
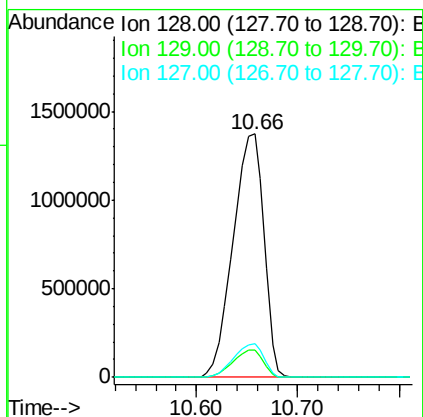
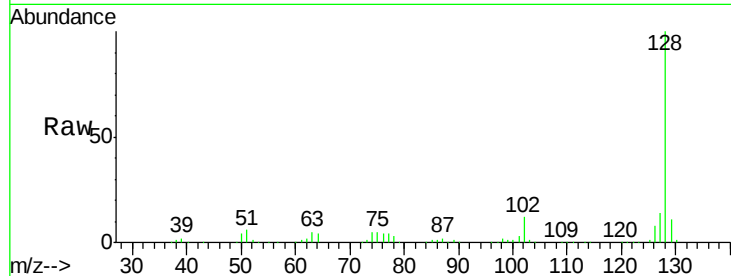




#28
Naphthalene
Concen: 273.75 ng/ul
RT: 10.66 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BM005064.D
Acq: 26 Apr 2016 02:31

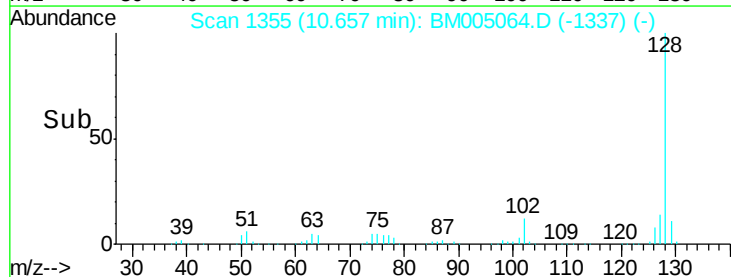
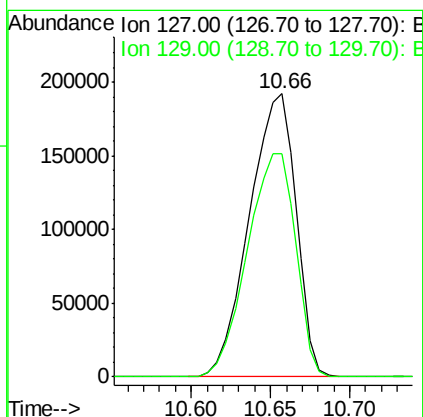
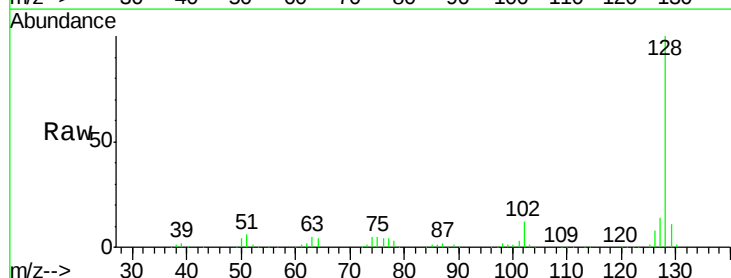
Instrument :
BNA_M
ClientSampleId :
BC7Q0

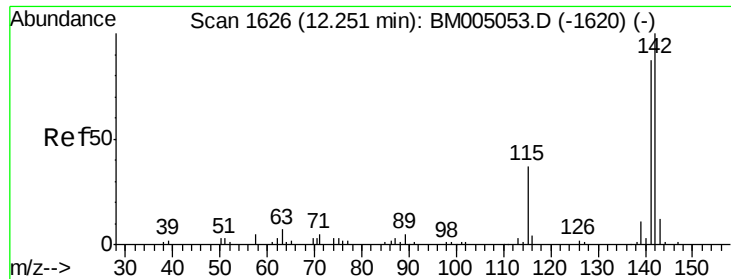
Tgt Ion:128 Resp: 2899073
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 14.0 10.6 15.8



#30
4-Chloroaniline
Concen: 107.03 ng/ul
RT: 10.66 min Scan# 1355
Delta R.T. -0.09 min
Lab File: BM005064.D
Acq: 26 Apr 2016 02:31

Tgt Ion:127 Resp: 393690
Ion Ratio Lower Upper
127 100
129 78.8 26.0 39.0#

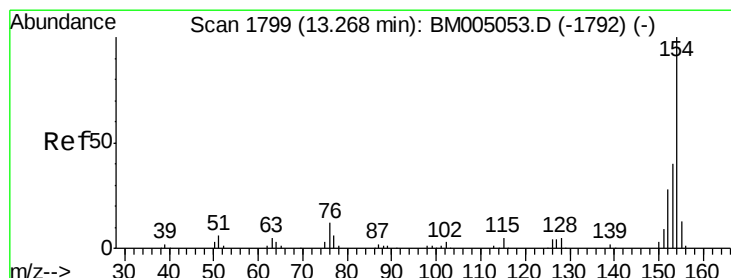
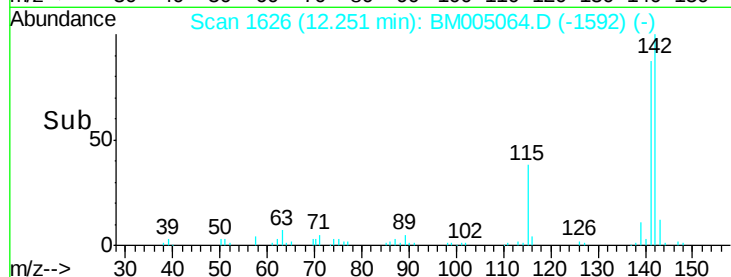
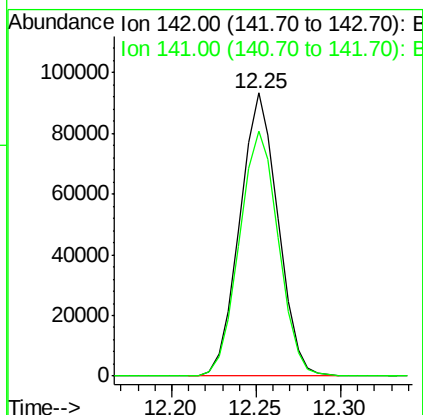
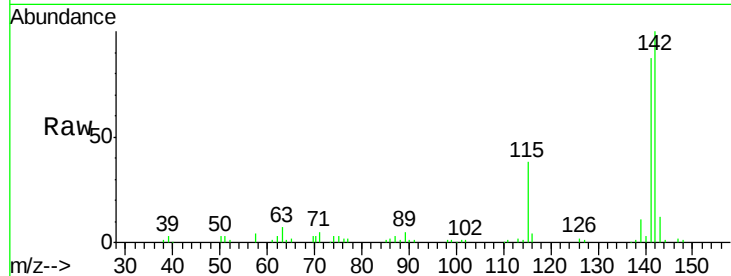




#34
 2-Methylnaphthalene
 Concen: 18.77 ng/ul
 RT: 12.25 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BM005064.D
 Acq: 26 Apr 2016 02:31

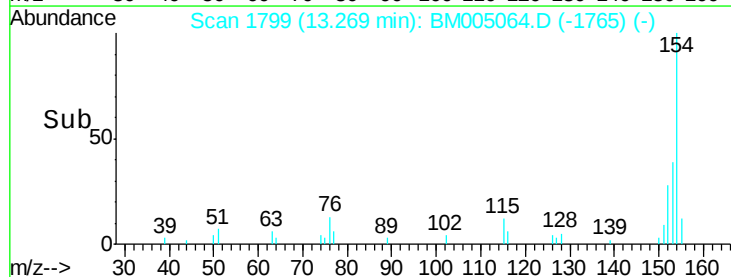
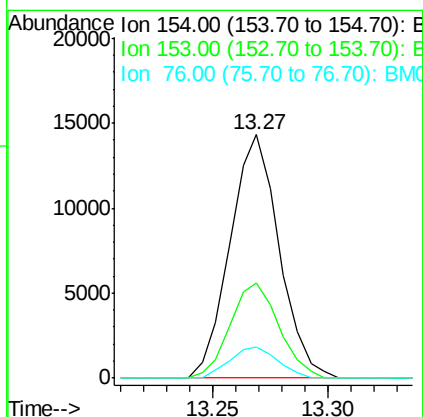
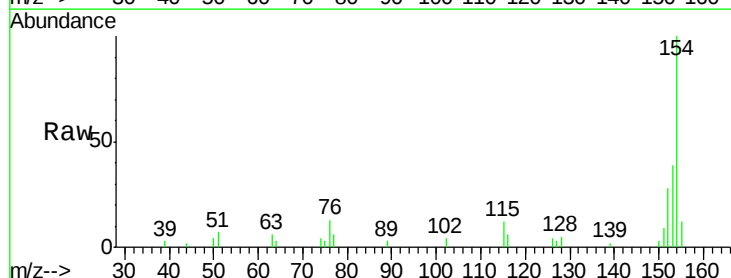
Instrument :
 BNA_M
 ClientSampleId :
 BC7Q0

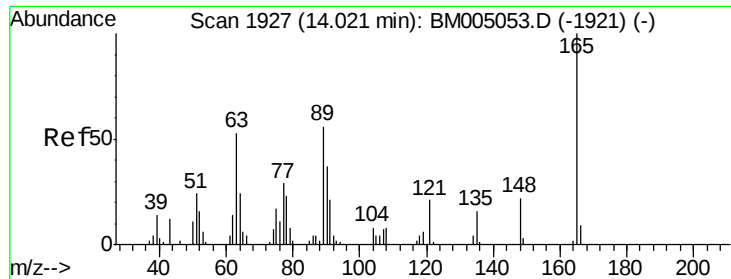
Tgt Ion:142 Resp: 147103
 Ion Ratio Lower Upper
 142 100
 141 86.7 70.3 105.5



#40
 1,1'-Biphenyl
 Concen: 1.69 ng/ul
 RT: 13.27 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: BM005064.D
 Acq: 26 Apr 2016 02:31

Tgt Ion:154 Resp: 21163
 Ion Ratio Lower Upper
 154 100
 153 39.2 31.5 47.3
 76 12.8 10.1 15.1

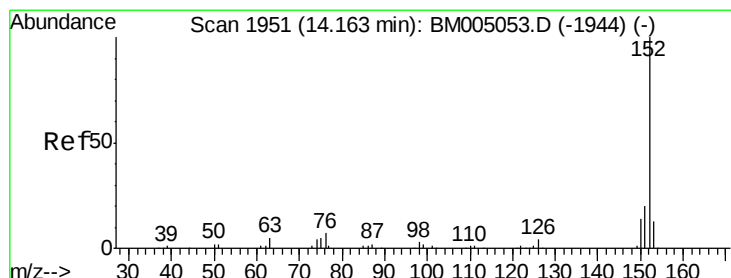
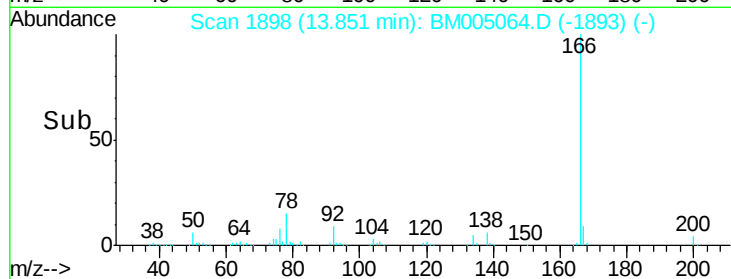
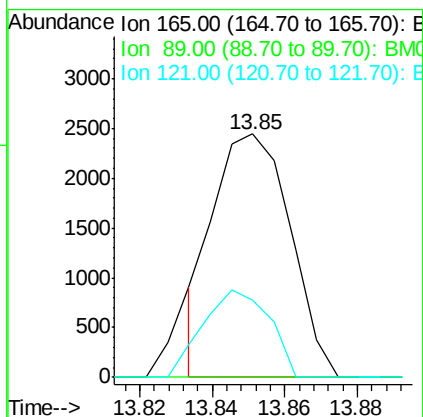
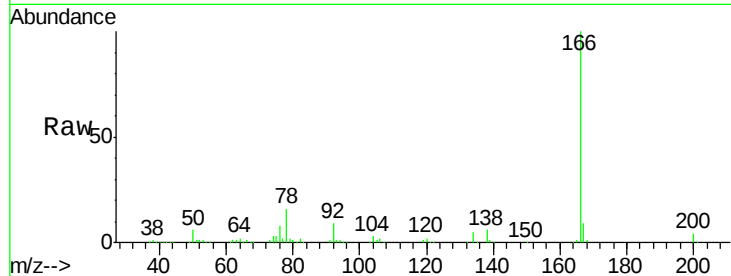




#45
 2,6-Dinitrotoluene
 Concen: 1.48 ng/ul
 RT: 13.85 min Scan# 1898
 Delta R.T. -0.17 min
 Lab File: BM005064.D
 Acq: 26 Apr 2016 02:31

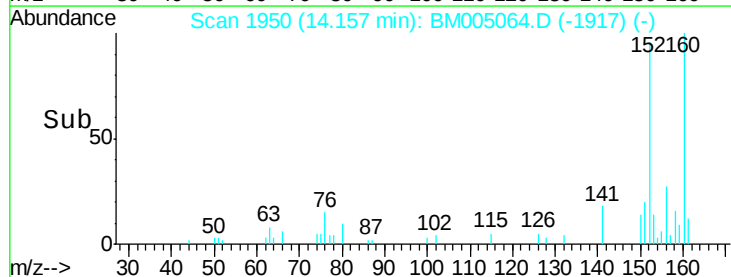
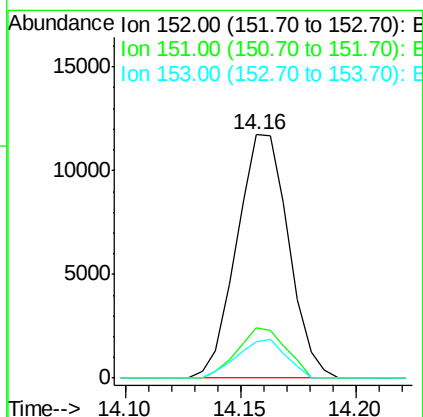
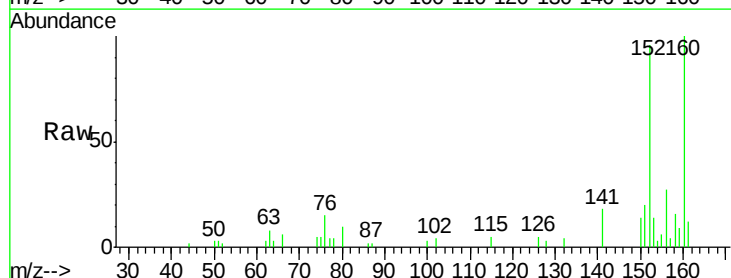
Instrument :
 BNA_M
 ClientSampleId :
 BC7Q0

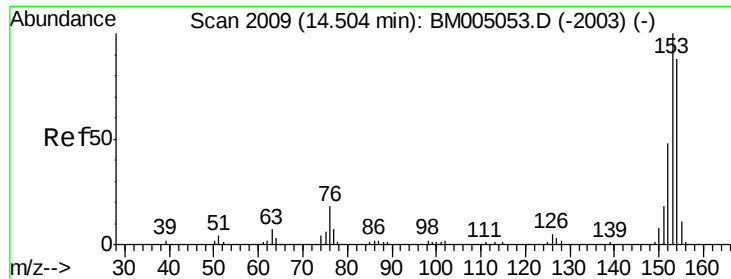
Tgt Ion:165 Resp: 3594
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.1 64.7#
 121 31.6 16.0 24.0#



#47
 Acenaphthylene
 Concen: 1.16 ng/ul
 RT: 14.16 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM005064.D
 Acq: 26 Apr 2016 02:31

Tgt Ion:152 Resp: 18337
 Ion Ratio Lower Upper
 152 100
 151 20.5 15.8 23.8
 153 15.1 10.3 15.5





#49

Acenaphthene

Concen: 9.90 ng/ul

RT: 14.50 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM005064.D

Acq: 26 Apr 2016 02:31

Instrument :

BNA_M

ClientSampleId :

BC7Q0

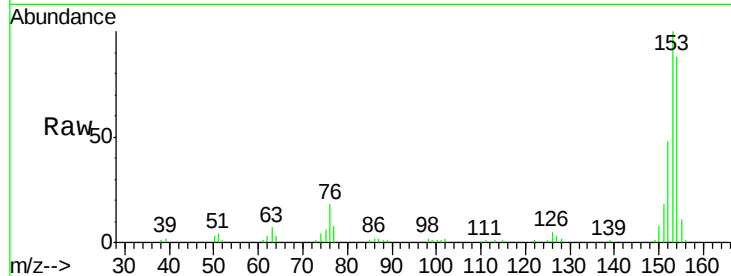
Tgt Ion:153 Resp: 102844

Ion Ratio Lower Upper

153 100

152 48.1 37.7 56.5

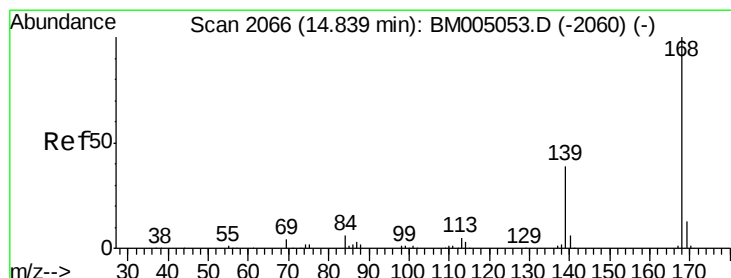
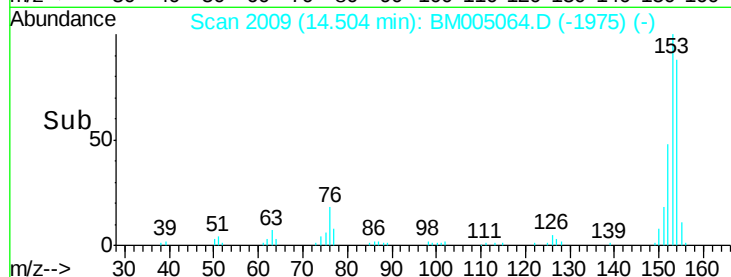
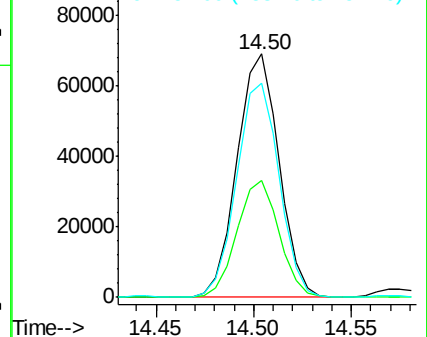
154 87.8 71.4 107.2



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: 4.96 ng/ul

RT: 14.84 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BM005064.D

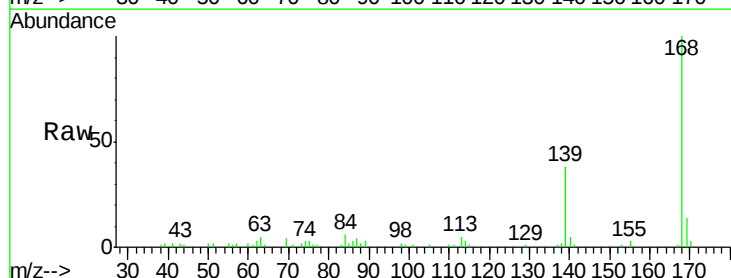
Acq: 26 Apr 2016 02:31

Tgt Ion:168 Resp: 75973

Ion Ratio Lower Upper

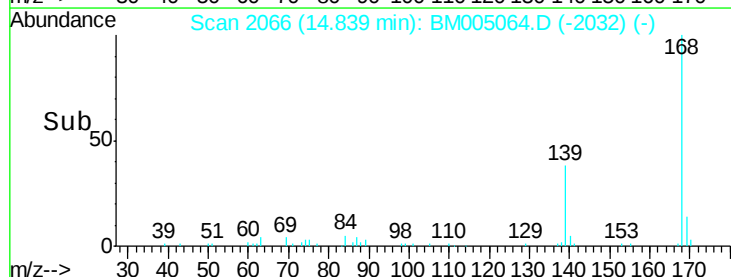
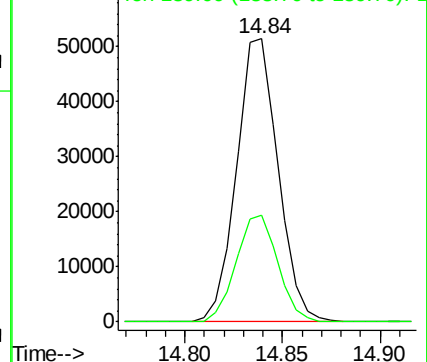
168 100

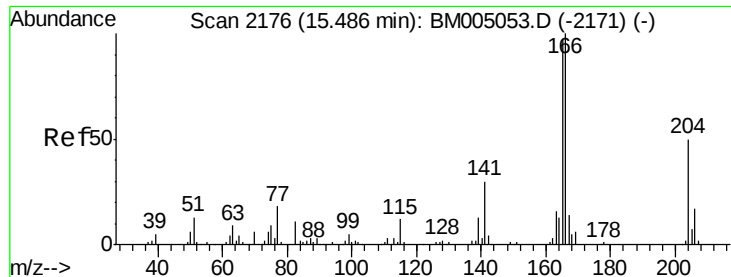
139 37.8 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 7.79 ng/ul

RT: 15.49 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BM005064.D

Acq: 26 Apr 2016 02:31

Instrument :

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ClientSampleId :

BC7Q0

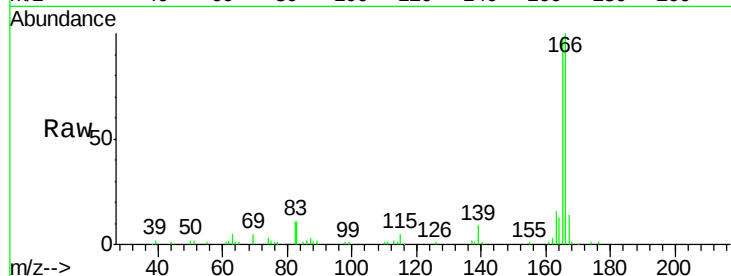
Tgt Ion:166 Resp: 92708

Ion Ratio Lower Upper

166 100

165 98.3 77.7 116.5

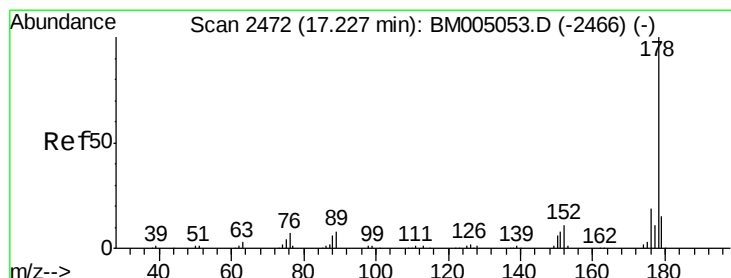
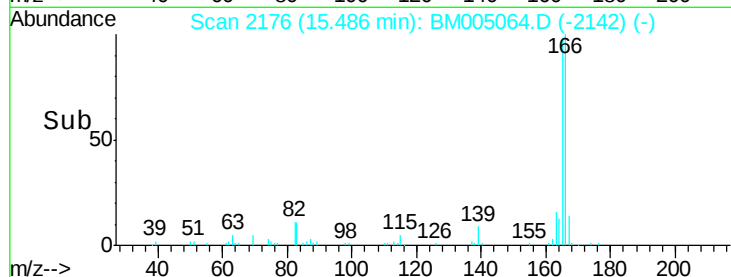
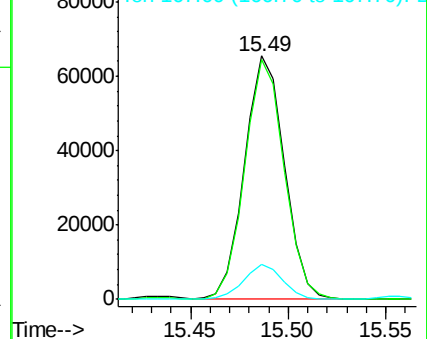
167 14.3 10.9 16.3



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: 8.71 ng/ul

RT: 17.23 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BM005064.D

Acq: 26 Apr 2016 02:31

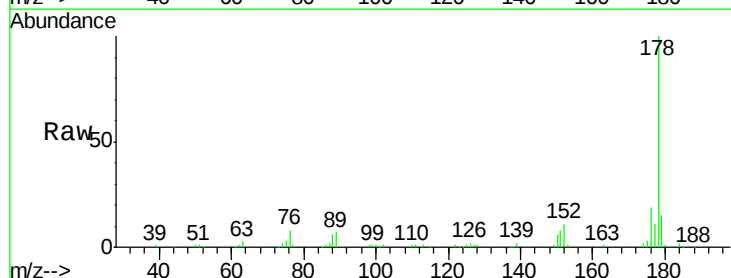
Tgt Ion:178 Resp: 177301

Ion Ratio Lower Upper

178 100

179 15.0 11.8 17.8

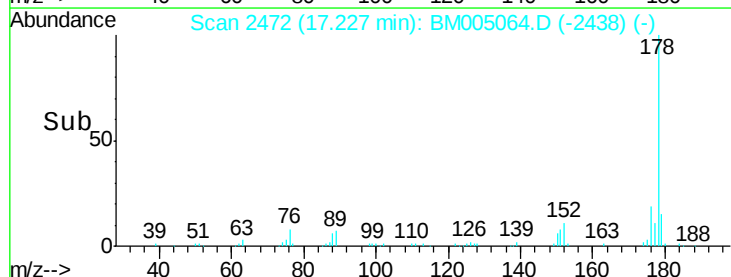
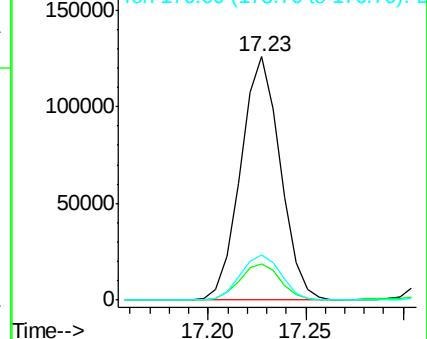
176 18.6 15.2 22.8

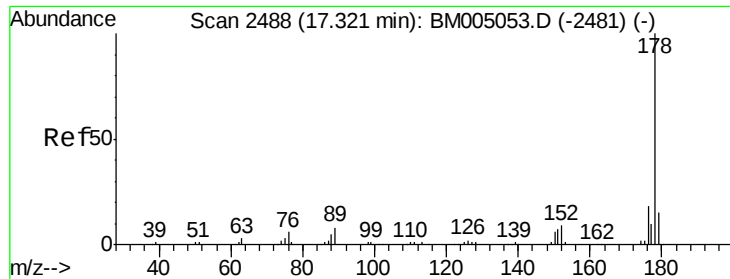


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

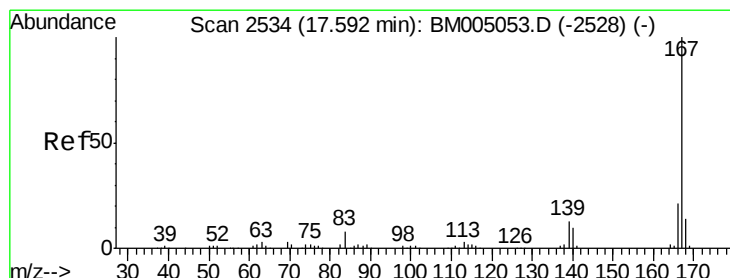
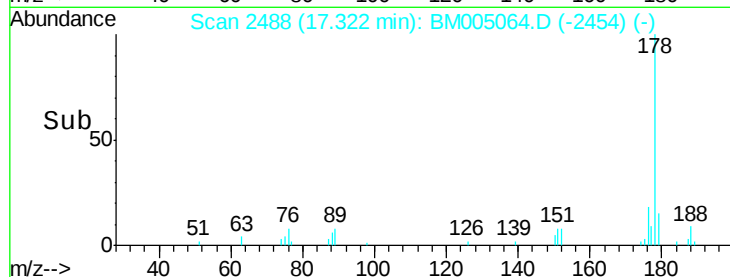
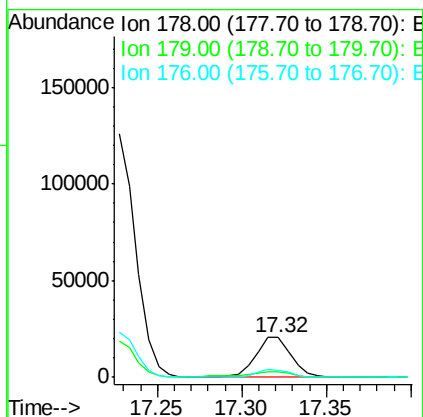
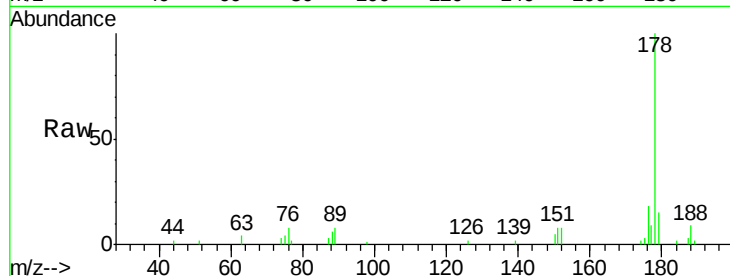




#71
 Anthracene
 Concen: 1.50 ng/ul
 RT: 17.32 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BM005064.D
 Acq: 26 Apr 2016 02:31

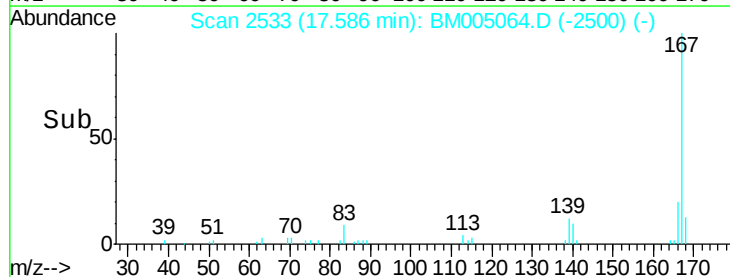
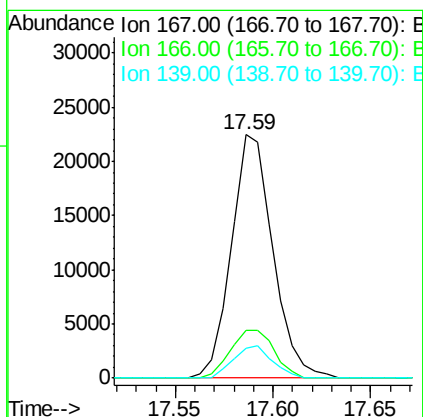
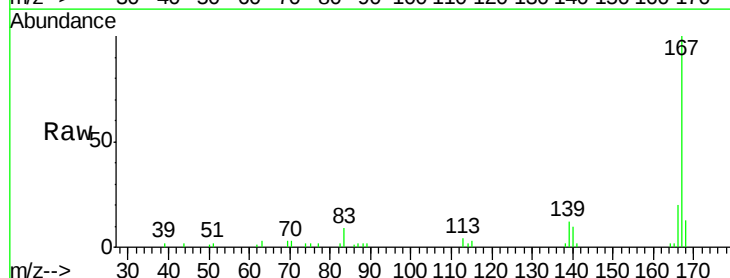
Instrument :
 BNA_M
 ClientSampleId :
 BC7Q0

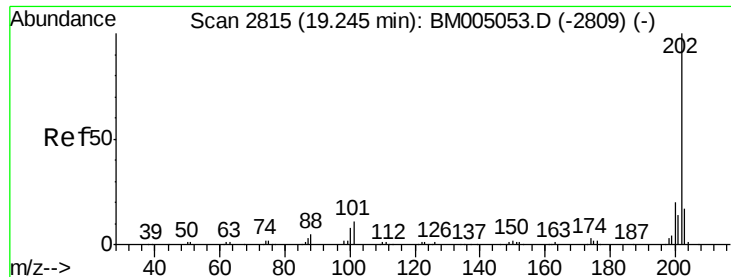
Tgt Ion:178 Resp: 30786
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.1 18.1
 176 17.6 14.6 22.0



#72
 Carbazole
 Concen: 1.88 ng/ul
 RT: 17.59 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BM005064.D
 Acq: 26 Apr 2016 02:31

Tgt Ion:167 Resp: 33123
 Ion Ratio Lower Upper
 167 100
 166 19.8 16.6 25.0
 139 12.3 10.2 15.4

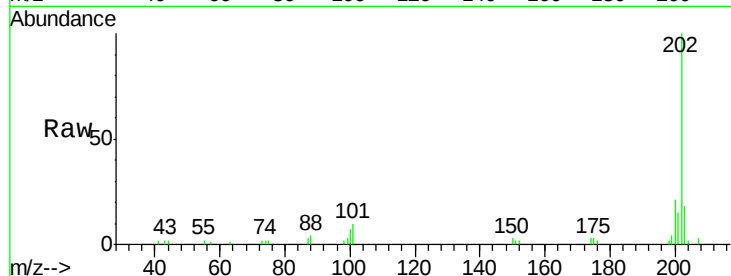




#74
 Fluoranthene
 Concen: 1.49 ng/ul
 RT: 19.24 min Scan# 2815
 Delta R.T. 0.00 min
 Lab File: BM005064.D
 Acq: 26 Apr 2016 02:31

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q0

Tgt Ion: 202 Resp: 33460
 Ion Ratio Lower Upper
 202 100
 101 10.0 9.0 13.4
 100 7.2 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

