

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042516\
 Data File : BM005058.D
 Acq On : 25 Apr 2016 22:52
 Operator : UM/SJ
 Sample : H2584-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M0

Quant Time: Apr 26 00:46:29 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	27626	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	152242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	114952	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	247916	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	307459	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	247789	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	2922	5.37	ng/uL	0.00
5) Phenol-d5	6.97	99	78905	34.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	102154	78.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	136206	75.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	119721	61.79	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	76082	72.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	89541	76.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	160769	71.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	8420	3.21	ng/ul	0.01
43) Dimethylphthalate-d6	13.85	166	514709	56.70	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	600356	55.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	38628	24.34	ng/ul	0.00
57) Fluorene-d10	15.43	176	423584	53.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	96858	68.69	ng/ul	0.00
70) Anthracene-d10	17.29	188	646110	58.12	ng/ul	0.00
76) Pyrene-d10	19.59	212	740640	52.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	602158	54.24	ng/ul	0.00

Target Compounds

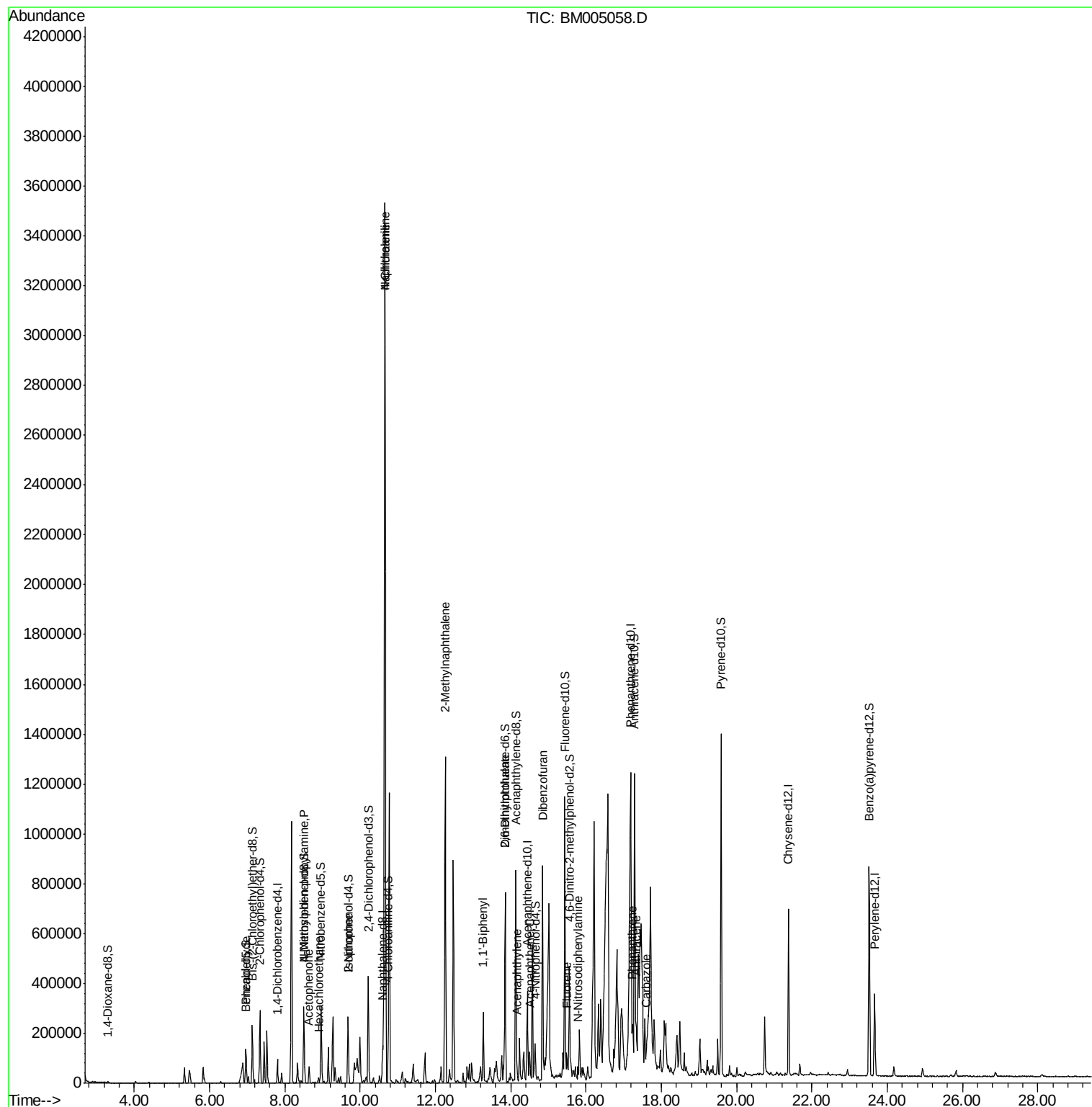
						Qvalue
4) Benzaldehyde	6.95	77	2066	1.82	ng/ul#	1
14) Acetophenone	8.63	105	3124	1.07	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.50	70	2813	1.93	ng/ul#	1
17) Hexachloroethane	8.90	117	3044	4.11	ng/ul#	3
21) Isophorone	9.67	82	7737	1.57	ng/ul#	70
28) Naphthalene	10.66	128	3909240	509.12	ng/ul	99
30) 4-Chloroaniline	10.66	127	536417	201.14	ng/ul#	16
34) 2-Methylnaphthalene	12.26	142	651749	114.67	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	144318	15.87	ng/ul	98
45) 2,6-Dinitrotoluene	13.85	165	4040	2.30	ng/ul#	37
47) Acenaphthylene	14.16	152	11578	1.01	ng/ul#	92
49) Acenaphthene	14.50	153	41211	5.48	ng/ul	99
53) Dibenzofuran	14.84	168	534703	48.17	ng/ul	98
58) Fluorene	15.49	166	41081	4.77	ng/ul#	91
64) N-Nitrosodiphenylamine	15.78	169	22607	3.32	ng/ul#	25
69) Phenanthrene	17.23	178	64687	4.90	ng/ul	96
71) Anthracene	17.32	178	29953	2.25	ng/ul	96
72) Carbazole	17.59	167	19640	1.72	ng/ul	98

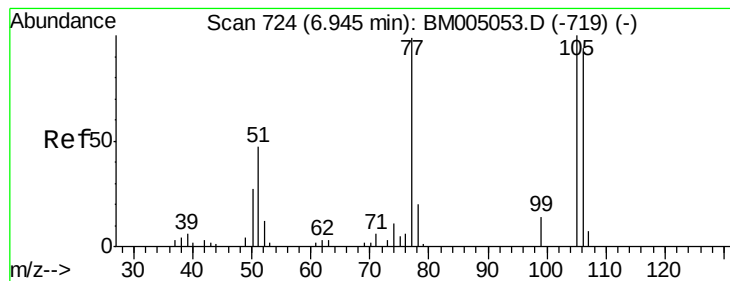
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 26 00:45:11 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.82 ng/ul

RT: 6.95 min Scan# 725

Delta R.T. 0.01 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

Instrument :

BNA_M

ClientSampleId :

BC7M0

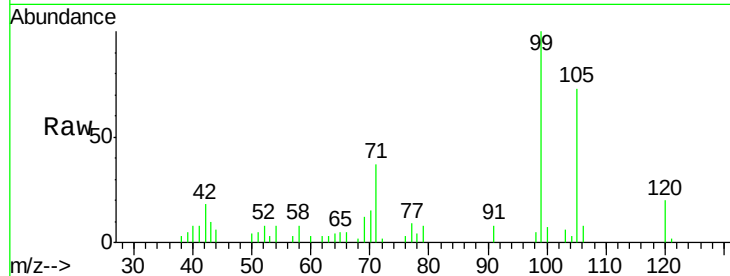
Tgt Ion: 77 Resp: 2066

Ion Ratio Lower Upper

77 100

105 806.6 81.3 121.9#

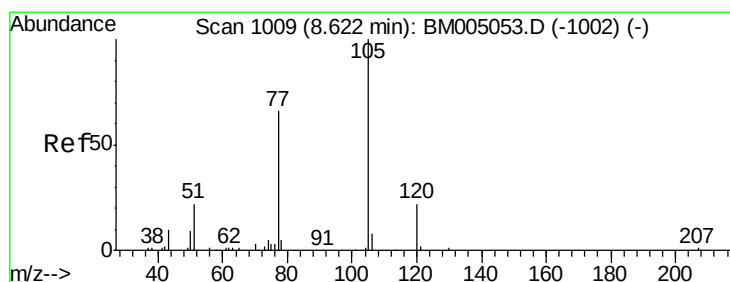
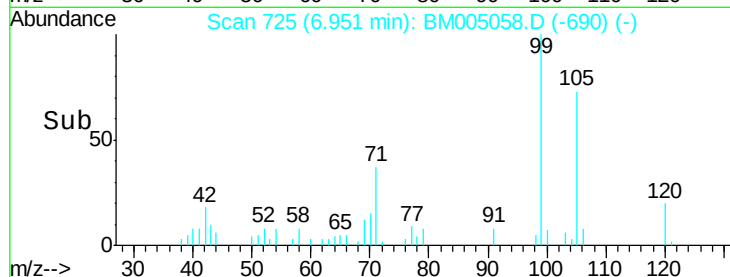
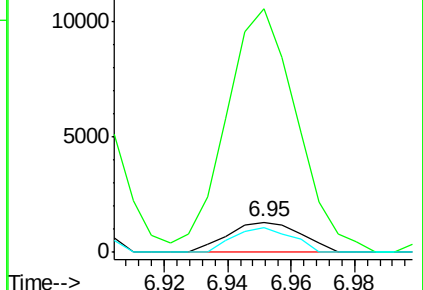
106 83.7 77.2 115.8



Abundance Ion 77.00 (76.70 to 77.70): BM005053.D (-719) (-)

Ion 105.00 (104.70 to 105.70): BM005053.D (-719) (-)

Ion 106.00 (105.70 to 106.70): BM005053.D (-719) (-)



#14

Acetophenone

Concen: 1.07 ng/ul

RT: 8.63 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

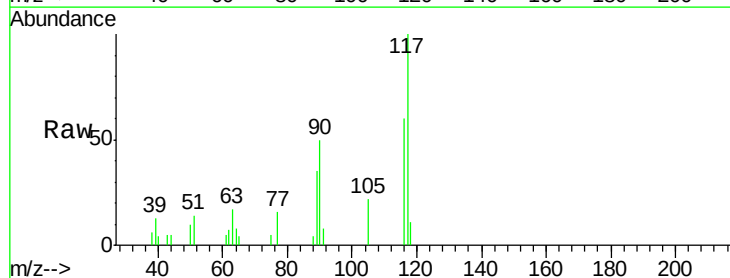
Tgt Ion: 105 Resp: 3124

Ion Ratio Lower Upper

105 100

77 71.7 61.4 92.0

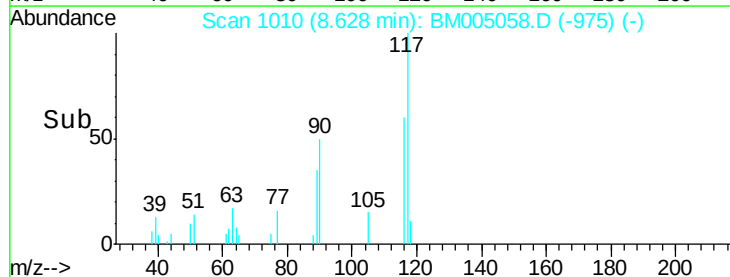
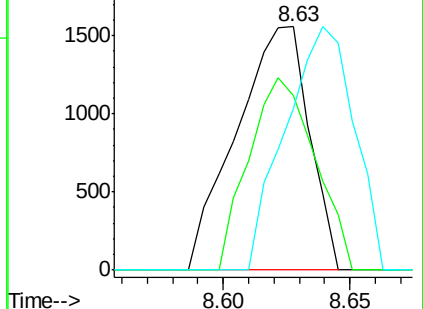
51 66.3 20.0 30.0#

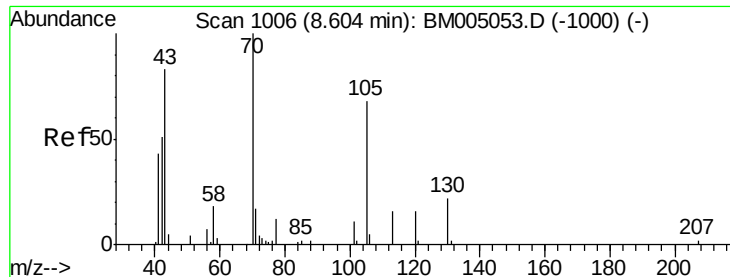


Abundance Ion 105.00 (104.70 to 105.70): BM005053.D (-1002) (-)

Ion 77.00 (76.70 to 77.70): BM005053.D (-1002) (-)

Ion 51.00 (50.70 to 51.70): BM005053.D (-1002) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 1.93 ng/ul

RT: 8.50 min Scan# 989

Delta R.T. -0.10 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

Instrument :

BNA_M

ClientSampleId :

BC7M0

Tgt Ion: 70 Resp: 2813

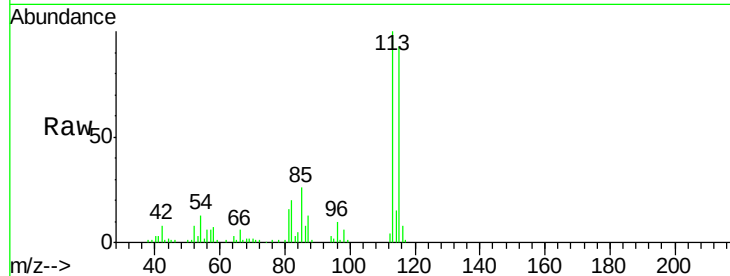
Ion Ratio Lower Upper

70 100

42 336.9 40.6 60.8#

101 0.0 8.2 12.4#

130 0.0 18.5 27.7#

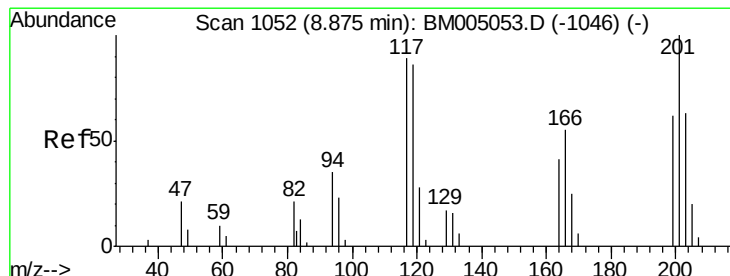
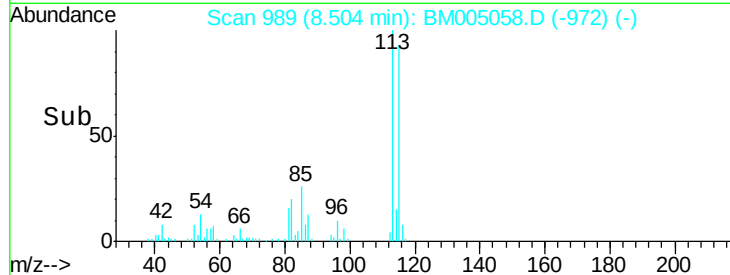
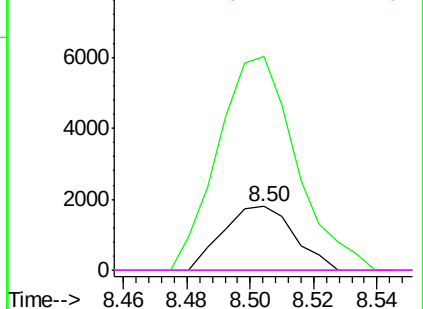


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#17

Hexachloroethane

Concen: 4.11 ng/ul

RT: 8.90 min Scan# 1057

Delta R.T. 0.03 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

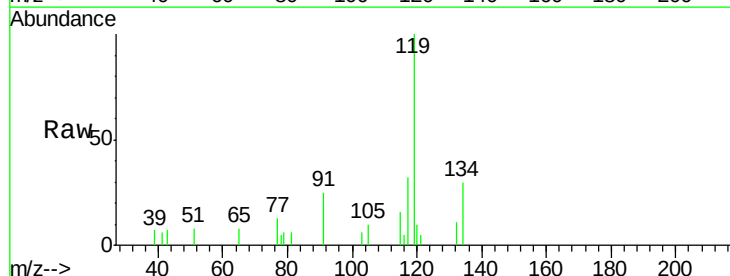
Tgt Ion: 117 Resp: 3044

Ion Ratio Lower Upper

117 100

201 0.0 88.5 132.7#

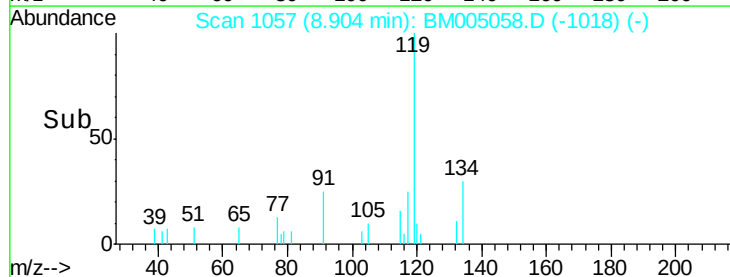
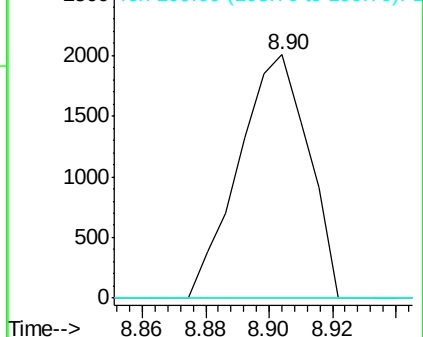
199 0.0 55.4 83.2#

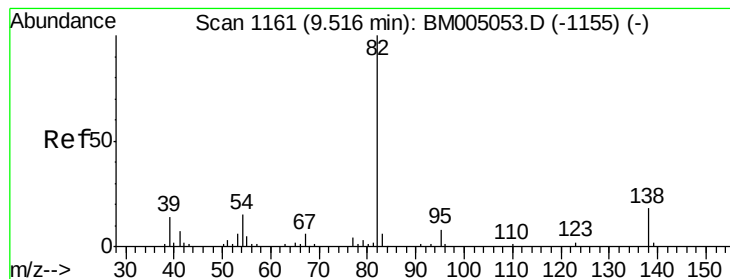


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 1.57 ng/ul

RT: 9.67 min Scan# 1188

Delta R.T. 0.16 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

Instrument :

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BC7M0

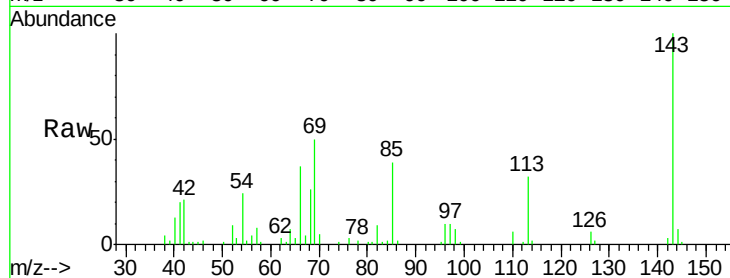
Tgt Ion: 82 Resp: 7737

Ion Ratio Lower Upper

82 100

95 7.1 6.0 9.0

138 0.0 14.6 22.0#

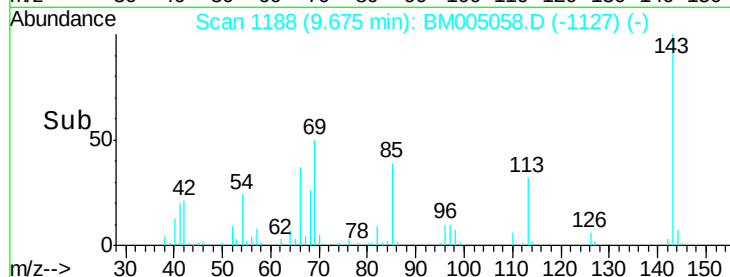


Abundance Ion 82.00 (81.70 to 82.70): BM005053.D (-1155) (-)

Ion 95.00 (94.70 to 95.70): BM005053.D (-1155) (-)

Ion 138.00 (137.70 to 138.70): BM005053.D (-1155) (-)

Time-->

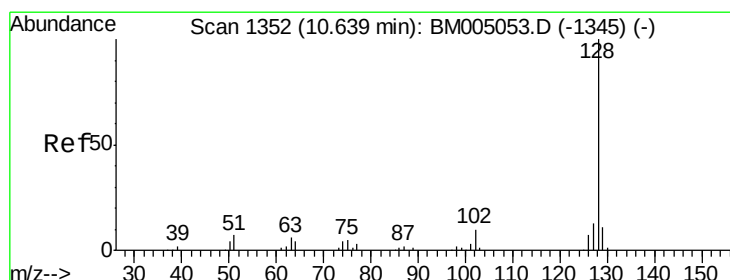


Abundance Ion 82.00 (81.70 to 82.70): BM005058.D (-1127) (-)

Ion 95.00 (94.70 to 95.70): BM005058.D (-1127) (-)

Ion 138.00 (137.70 to 138.70): BM005058.D (-1127) (-)

Time-->



#28

Naphthalene

Concen: 509.12 ng/ul

RT: 10.66 min Scan# 1356

Delta R.T. 0.02 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

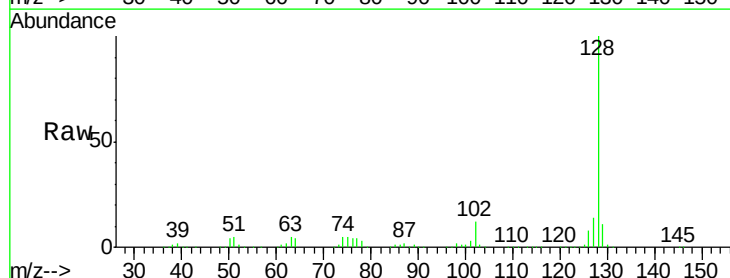
Tgt Ion: 128 Resp: 3909240

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.8 10.6 15.8

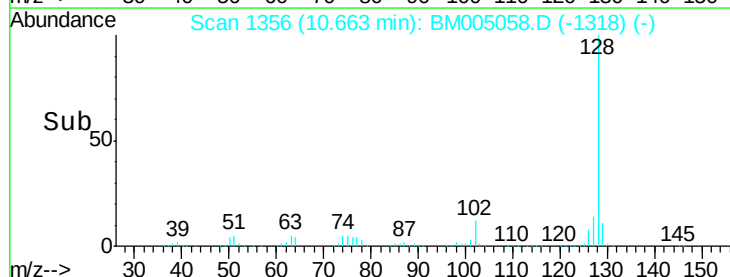


Abundance Ion 128.00 (127.70 to 128.70): BM005053.D (-1345) (-)

Ion 129.00 (128.70 to 129.70): BM005053.D (-1345) (-)

Ion 127.00 (126.70 to 127.70): BM005053.D (-1345) (-)

Time-->

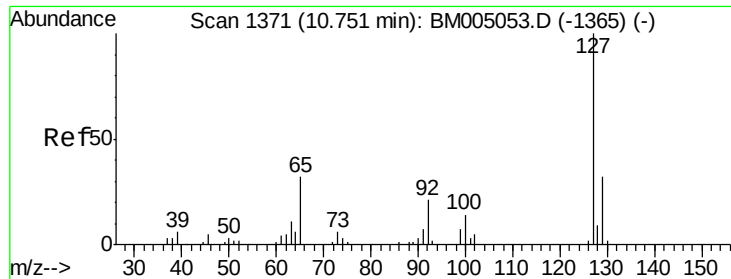


Abundance Ion 128.00 (127.70 to 128.70): BM005058.D (-1318) (-)

Ion 129.00 (128.70 to 129.70): BM005058.D (-1318) (-)

Ion 127.00 (126.70 to 127.70): BM005058.D (-1318) (-)

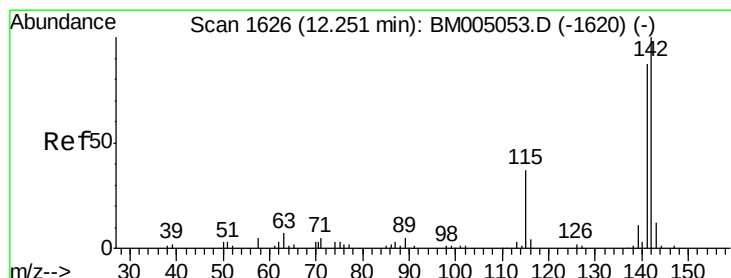
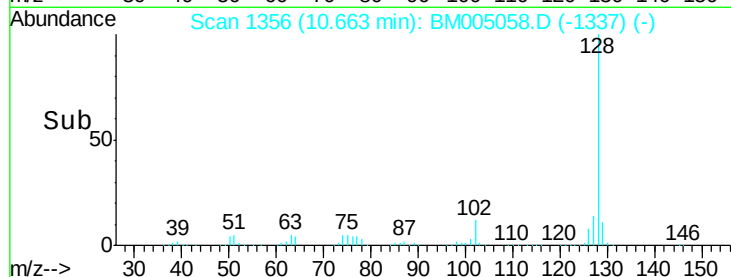
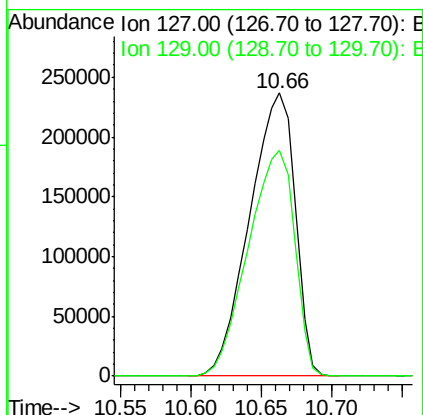
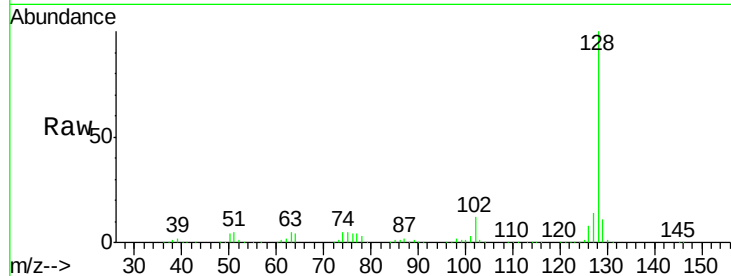
Time-->



#30
4-Chloroaniline
Concen: 201.14 ng/ul
RT: 10.66 min Scan# 1356
Delta R.T. -0.09 min
Lab File: BM005058.D
Acq: 25 Apr 2016 22:52

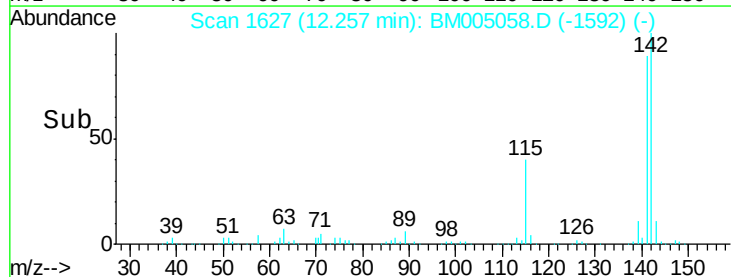
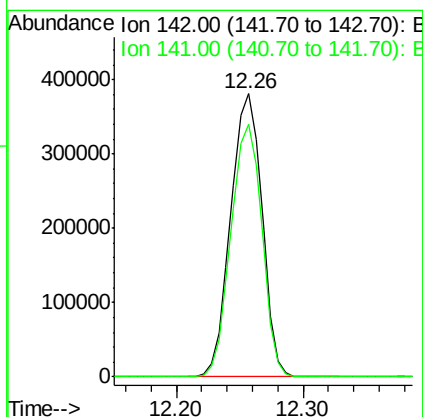
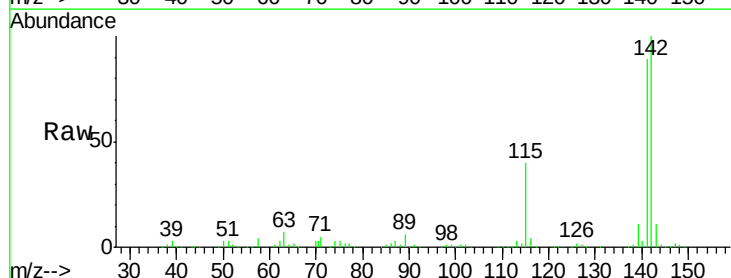
Instrument :
BNA_M
ClientSampled :
BC7M0

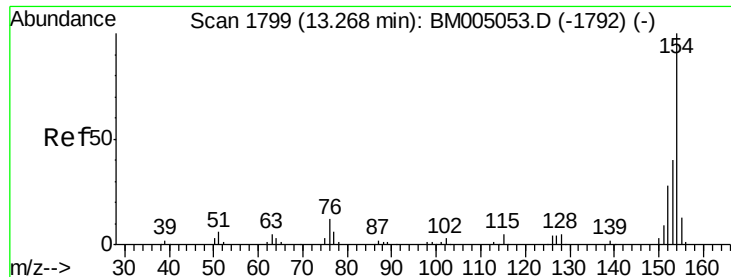
Tgt Ion:127 Resp: 536417
Ion Ratio Lower Upper
127 100
129 79.6 26.0 39.0#



#34
2-Methylnaphthalene
Concen: 114.67 ng/ul
RT: 12.26 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BM005058.D
Acq: 25 Apr 2016 22:52

Tgt Ion:142 Resp: 651749
Ion Ratio Lower Upper
142 100
141 89.5 70.3 105.5

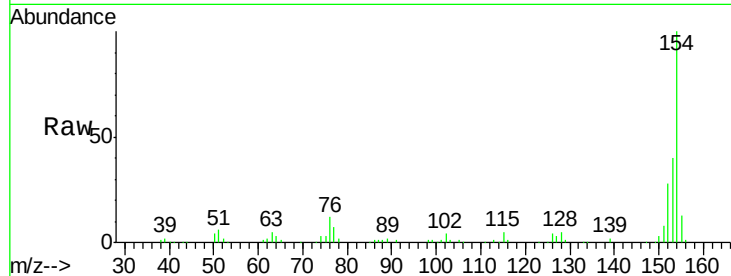




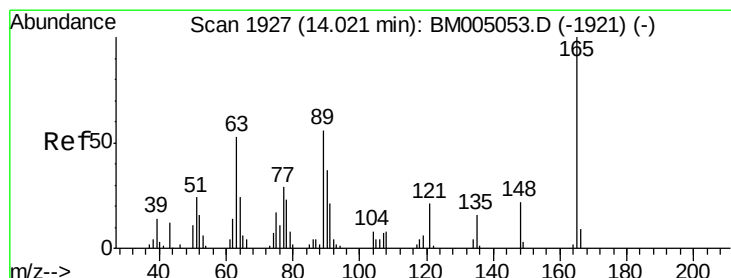
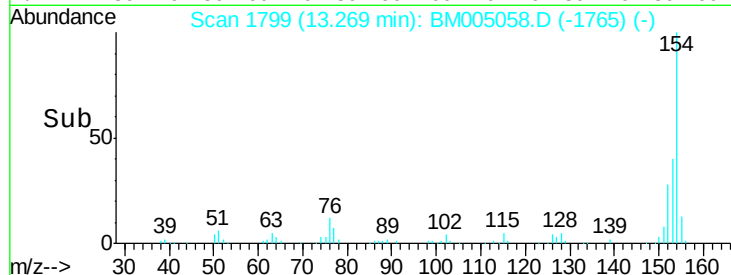
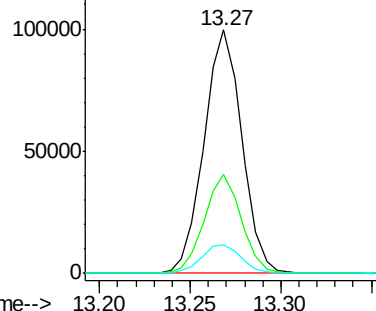
#40
 1,1'-Biphenyl
 Concen: 15.87 ng/ul
 RT: 13.27 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: BM005058.D
 Acq: 25 Apr 2016 22:52

Instrument :
 BNA_M
 ClientSampleId :
 BC7M0

Tgt Ion:154 Resp: 144318
 Ion Ratio Lower Upper
 154 100
 153 40.4 31.5 47.3
 76 11.9 10.1 15.1

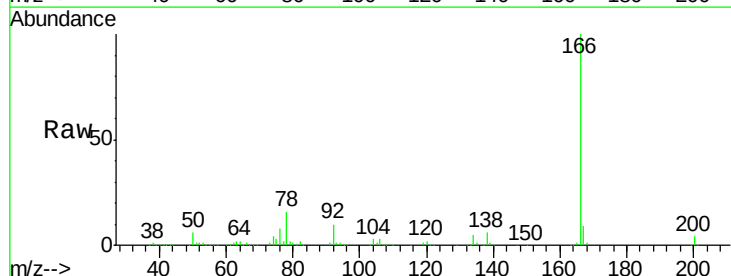


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

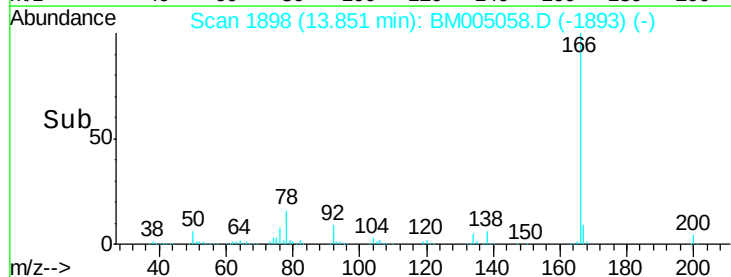
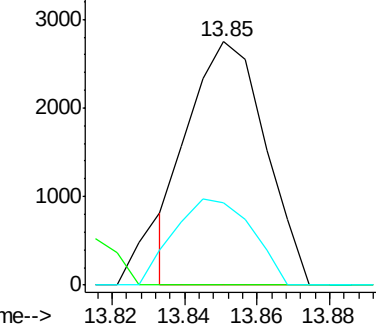


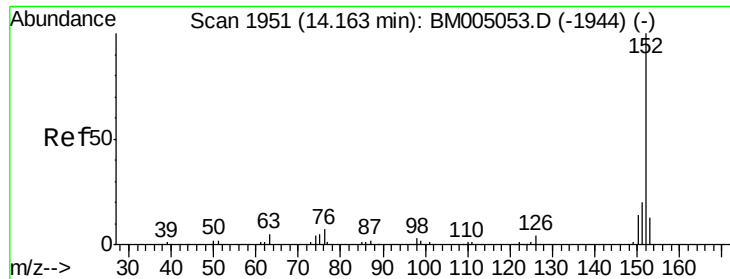
#45
 2,6-Dinitrotoluene
 Concen: 2.30 ng/ul
 RT: 13.85 min Scan# 1898
 Delta R.T. -0.17 min
 Lab File: BM005058.D
 Acq: 25 Apr 2016 22:52

Tgt Ion:165 Resp: 4040
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.1 64.7#
 121 34.1 16.0 24.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

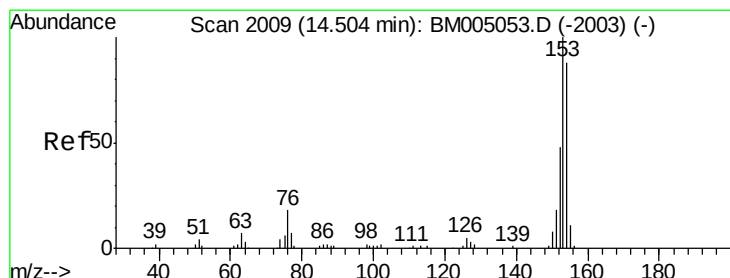
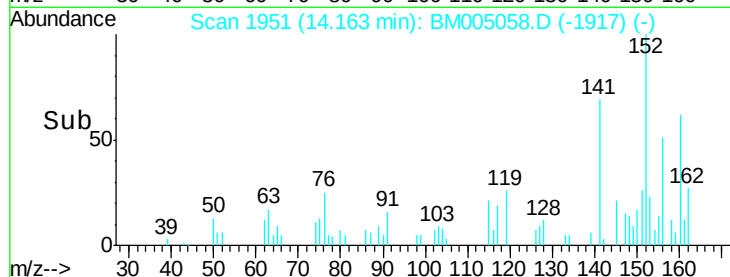
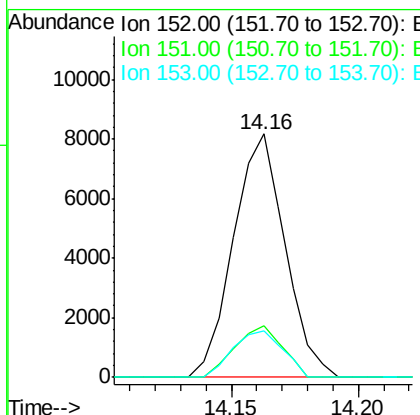
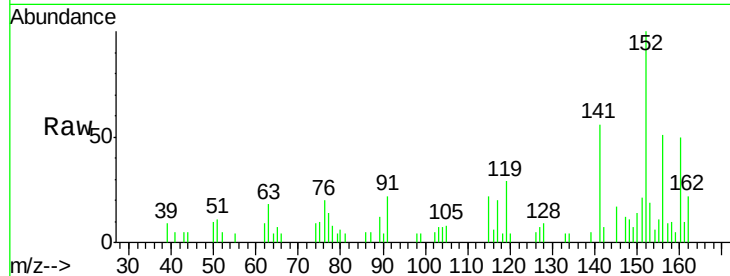




#47
Acenaphthylene
Concen: 1.01 ng/ul
RT: 14.16 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BM005058.D
Acq: 25 Apr 2016 22:52

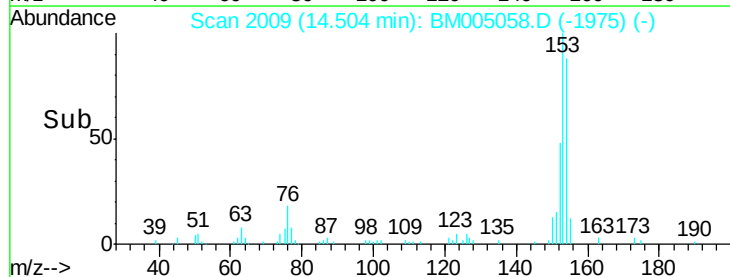
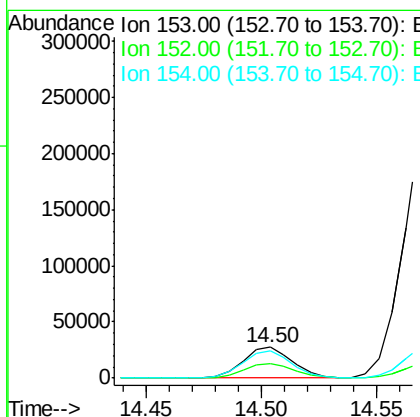
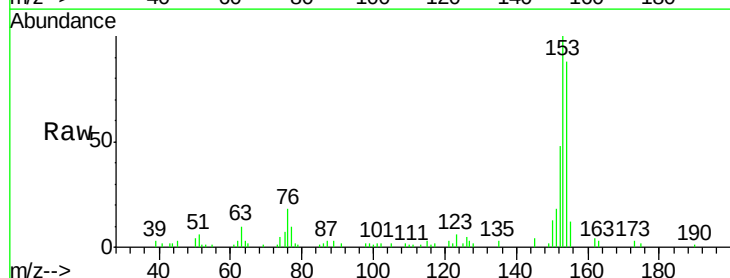
Instrument :
BNA_M
ClientSampleId :
BC7M0

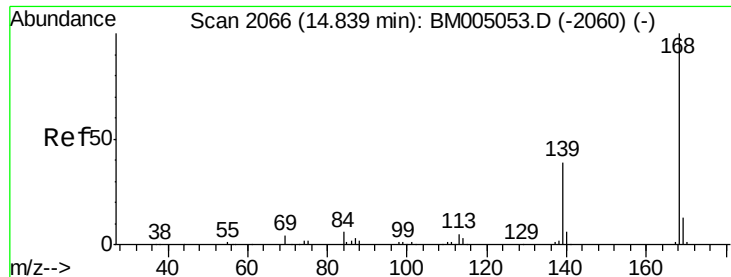
Tgt Ion:152 Resp: 11578
Ion Ratio Lower Upper
152 100
151 21.2 15.8 23.8
153 19.0 10.3 15.5#



#49
Acenaphthene
Concen: 5.48 ng/ul
RT: 14.50 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM005058.D
Acq: 25 Apr 2016 22:52

Tgt Ion:153 Resp: 41211
Ion Ratio Lower Upper
153 100
152 47.8 37.7 56.5
154 88.2 71.4 107.2





#53

Dibenzenofuran

Concen: 48.17 ng/ul

RT: 14.84 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

Instrument :

BNA_M

ClientSampleId :

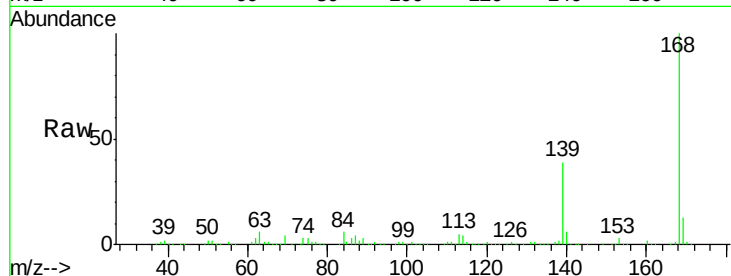
BC7M0

Tgt Ion:168 Resp: 534703

Ion Ratio Lower Upper

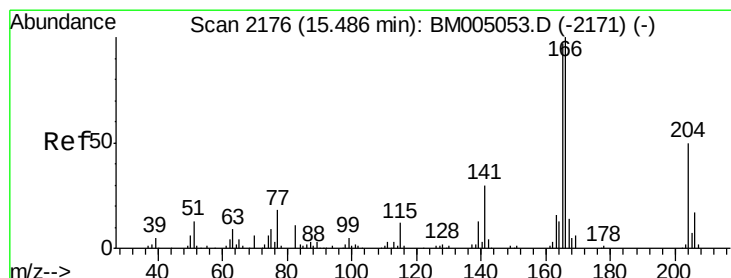
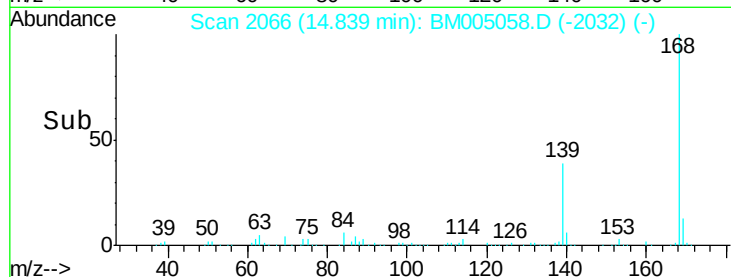
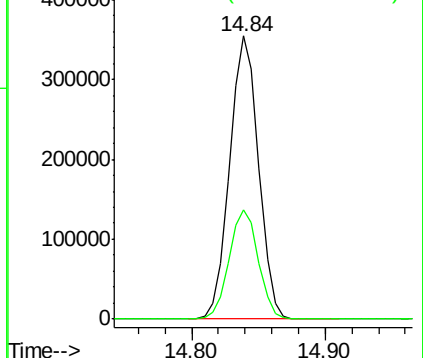
168 100

139 38.8 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: 4.77 ng/ul

RT: 15.49 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

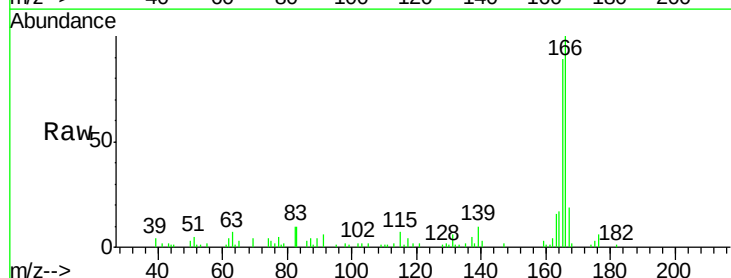
Tgt Ion:166 Resp: 41081

Ion Ratio Lower Upper

166 100

165 89.2 77.7 116.5

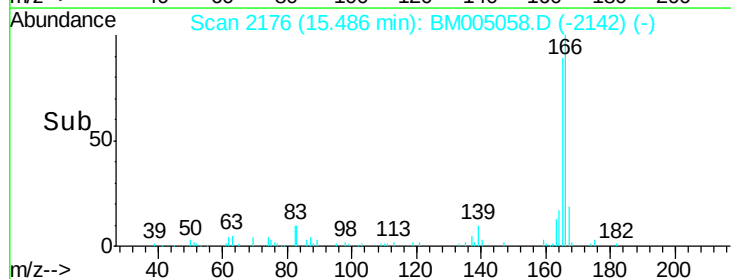
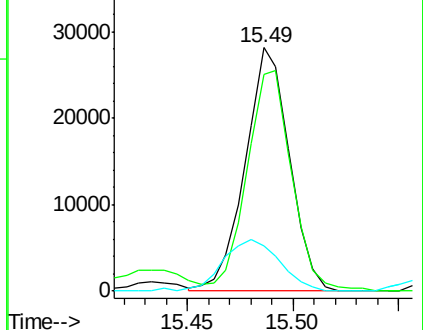
167 18.8 10.9 16.3#

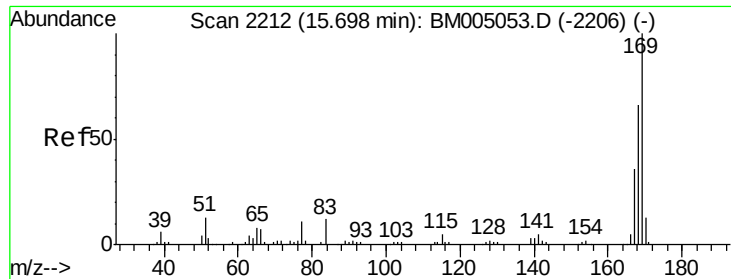


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

N-Nitrosodiphenylamine

Concen: 3.32 ng/ul

RT: 15.78 min Scan# 2226

Delta R.T. 0.08 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

Instrument :

BNA_M

ClientSampleId :

BC7M0

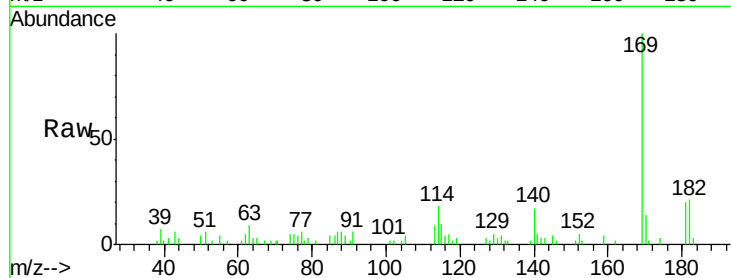
Tgt Ion:169 Resp: 22607

Ion Ratio Lower Upper

169 100

168 0.0 51.8 77.6#

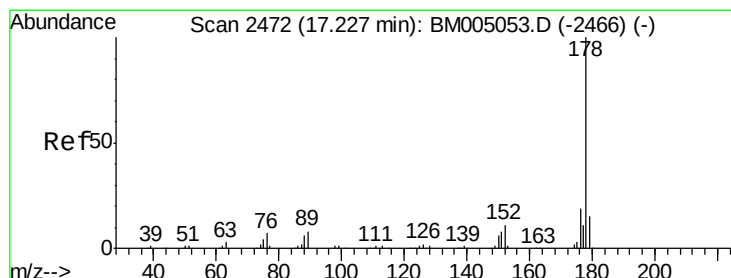
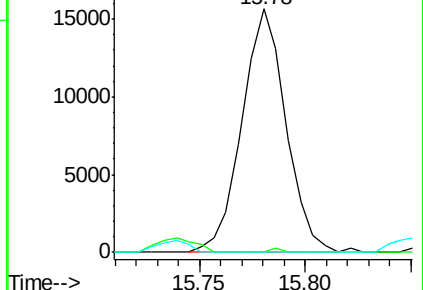
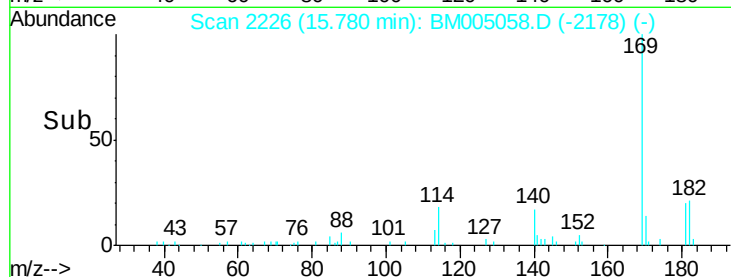
167 0.0 28.2 42.2#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 4.90 ng/ul

RT: 17.23 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

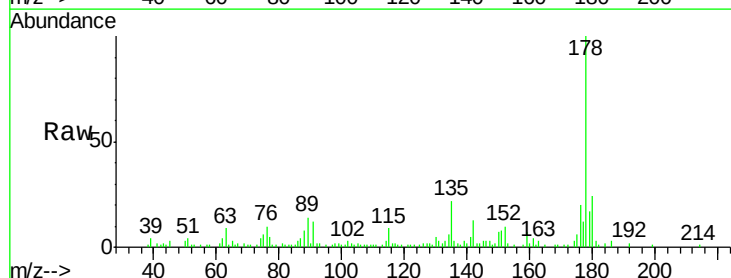
Tgt Ion:178 Resp: 64687

Ion Ratio Lower Upper

178 100

179 17.5 11.8 17.8

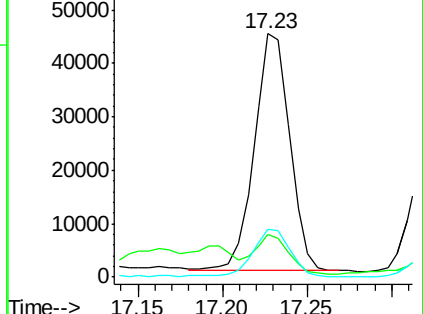
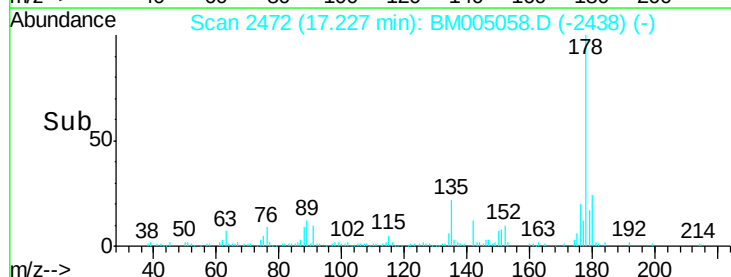
176 19.5 15.2 22.8

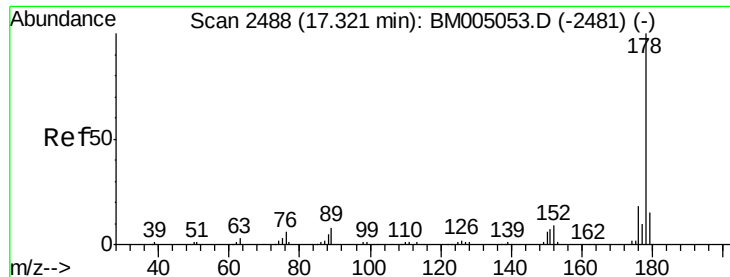


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 2.25 ng/ul

RT: 17.32 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

Instrument :

BNA_M

ClientSampleId :

BC7M0

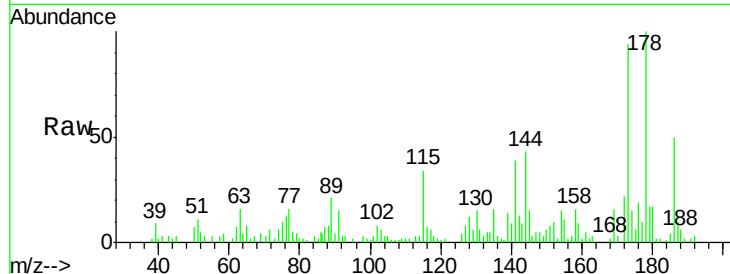
Tgt Ion:178 Resp: 29953

Ion Ratio Lower Upper

178 100

179 17.3 12.1 18.1

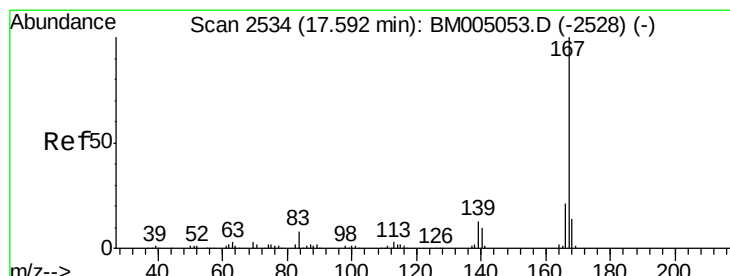
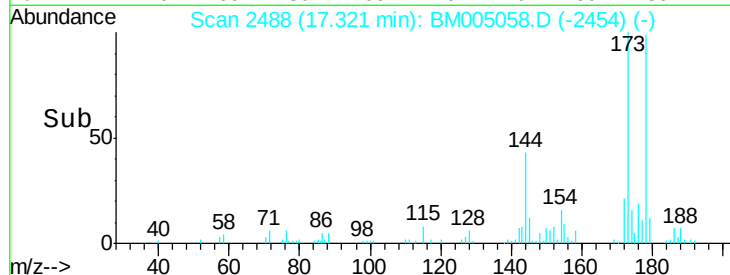
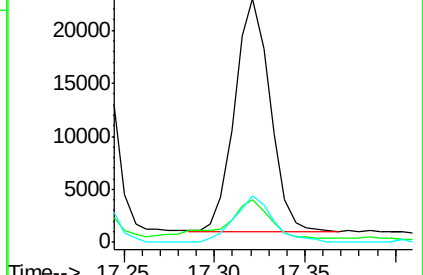
176 19.3 14.6 22.0



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: 1.72 ng/ul

RT: 17.59 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BM005058.D

Acq: 25 Apr 2016 22:52

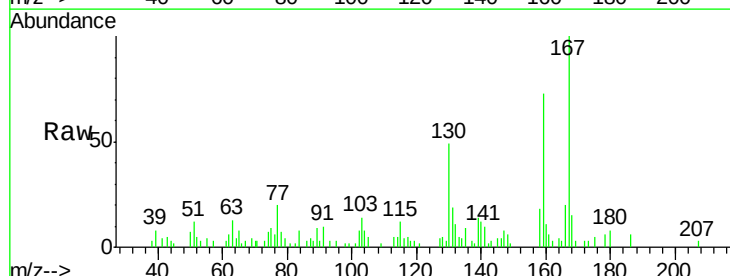
Tgt Ion:167 Resp: 19640

Ion Ratio Lower Upper

167 100

166 20.4 16.6 25.0

139 14.2 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

