

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042816\
 Data File : BM005127.D
 Acq On : 28 Apr 2016 23:17
 Operator : UM/SJ
 Sample : H2639-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7N9

Quant Time: Apr 29 02:24:48 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	45484	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	219183	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	135552	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	312663	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	306695	20.00	ng/ul	-0.01
83) Perylene-d12	23.64	264	253590	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	895	1.00	ng/uL	0.00
5) Phenol-d5	6.96	99	23601	6.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	48790	22.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	59103	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	44771	14.04	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	35874	23.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	41853	24.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	74690	23.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	2222	0.59	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	250814	23.43	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	299582	23.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	10343	5.53	ng/ul	0.00
57) Fluorene-d10	15.42	176	216779	23.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	38145	21.45	ng/ul	0.00
70) Anthracene-d10	17.27	188	331627	23.65	ng/ul	0.00
76) Pyrene-d10	19.57	212	359769	25.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	263234	23.17	ng/ul	-0.01

Target Compounds

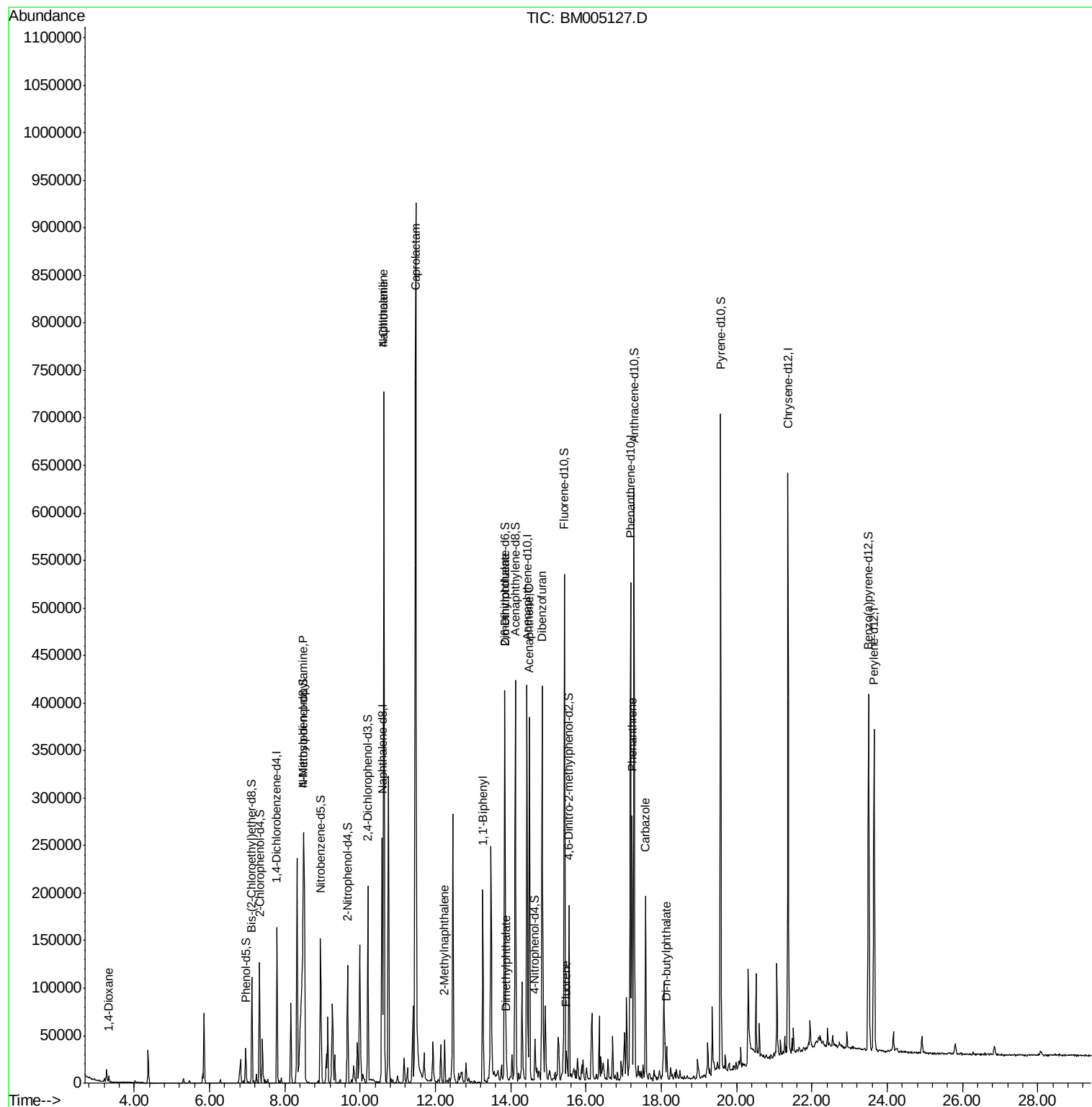
						Qvalue
2) 1,4-Dioxane	3.32	88	3280	1.98	ng/uL	96
15) N-Nitroso-di-n-propylamine	8.49	70	8935	3.72	ng/ul#	13
28) Naphthalene	10.63	128	626816	56.70	ng/ul	100
30) 4-Chloroaniline	10.63	127	82551	21.50	ng/ul#	14
32) Caprolactam	11.47	113	8037	7.03	ng/ul#	1
34) 2-Methylnaphthalene	12.24	142	21741	2.66	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	108127	10.08	ng/ul	98
44) Dimethylphthalate	13.88	163	13411	1.25	ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	2394	1.15	ng/ul#	61
49) Acenaphthene	14.49	153	149186	16.81	ng/ul	99
53) Dibenzofuran	14.83	168	261645	19.99	ng/ul	98
58) Fluorene	15.48	166	13635	1.34	ng/ul#	94
69) Phenanthrene	17.22	178	165370	9.94	ng/ul	100
72) Carbazole	17.58	167	120128	8.35	ng/ul	98
73) Di-n-butylphthalate	18.14	149	23590	1.40	ng/ul	99

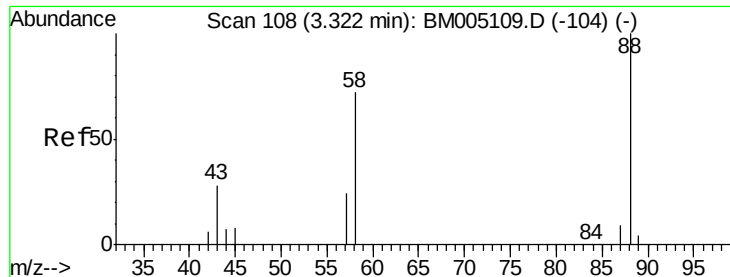
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.98 ng/uL

RT: 3.32 min Scan# 108

Delta R.T. -0.00 min

Lab File: BM005127.D

Acq: 28 Apr 2016 23:17

Instrument :

BNA_M

ClientSampleId :

BC7N9

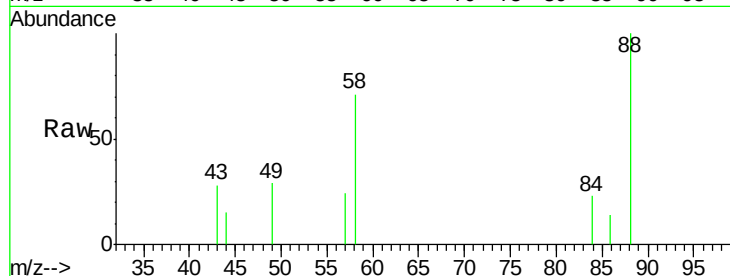
Tgt Ion: 88 Resp: 3280

Ion Ratio Lower Upper

88 100

43 24.5 23.0 34.4

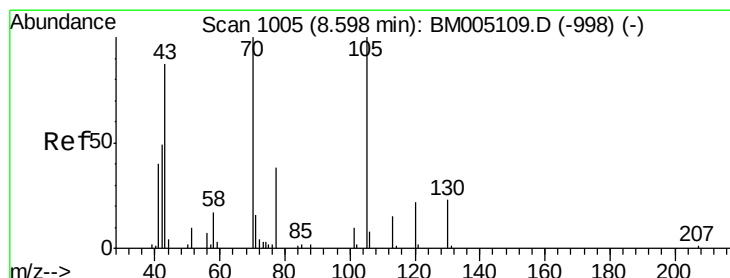
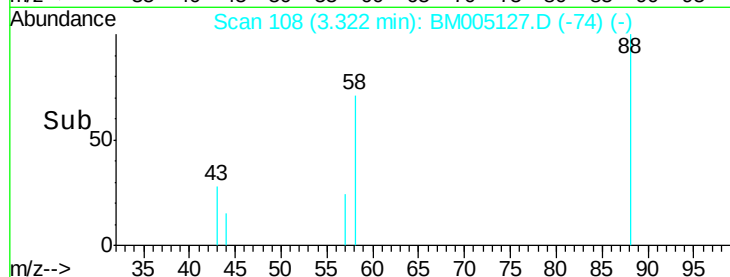
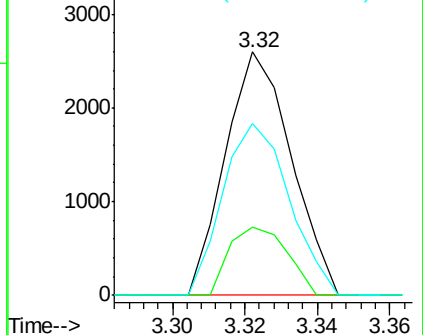
58 71.2 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): BM005127.D (-74) (-)

Ion 43.00 (42.70 to 43.70): BM005127.D (-74) (-)

Ion 58.00 (57.70 to 58.70): BM005127.D (-74) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 3.72 ng/uL

RT: 8.49 min Scan# 987

Delta R.T. -0.11 min

Lab File: BM005127.D

Acq: 28 Apr 2016 23:17

Tgt Ion: 70 Resp: 8935

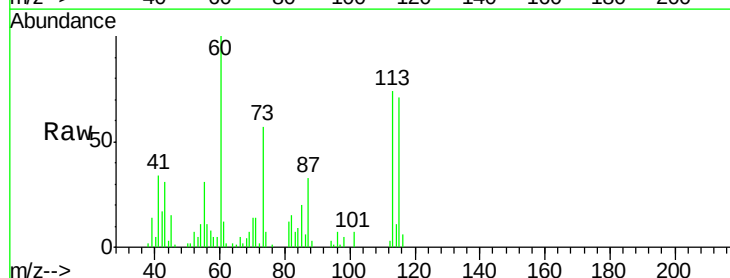
Ion Ratio Lower Upper

70 100

42 120.2 40.6 60.8#

101 51.1 8.2 12.4#

130 0.0 18.5 27.7#

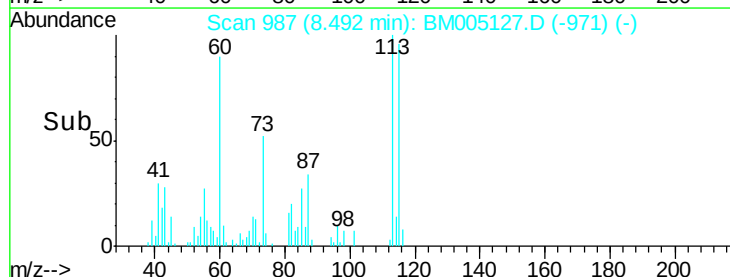
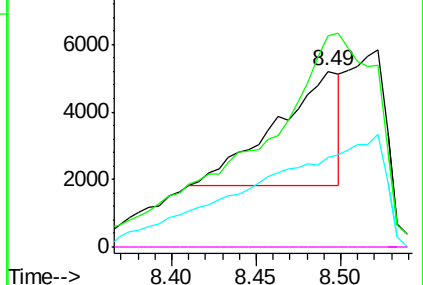


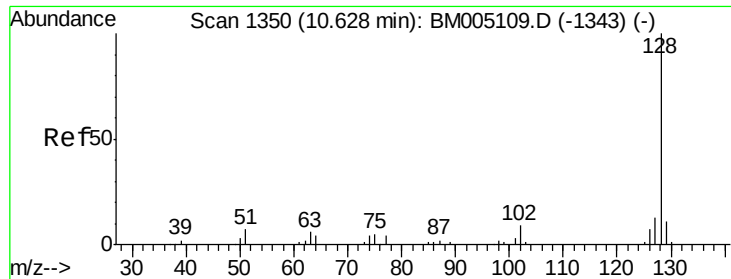
Abundance Ion 70.00 (69.70 to 70.70): BM005127.D (-971) (-)

Ion 42.00 (41.70 to 42.70): BM005127.D (-971) (-)

Ion 101.00 (100.70 to 101.70): BM005127.D (-971) (-)

Ion 130.00 (129.70 to 130.70): BM005127.D (-971) (-)

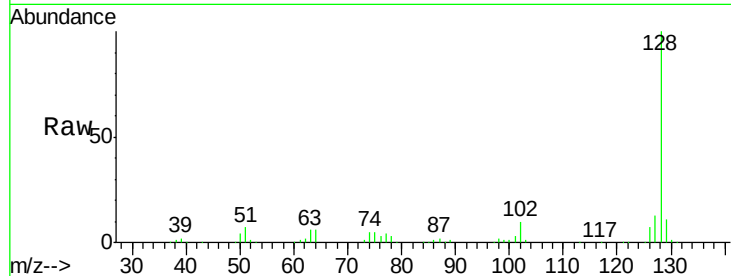




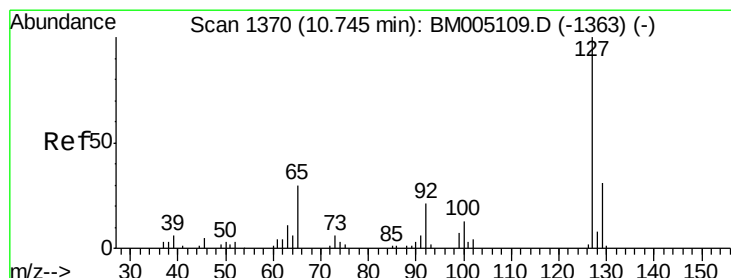
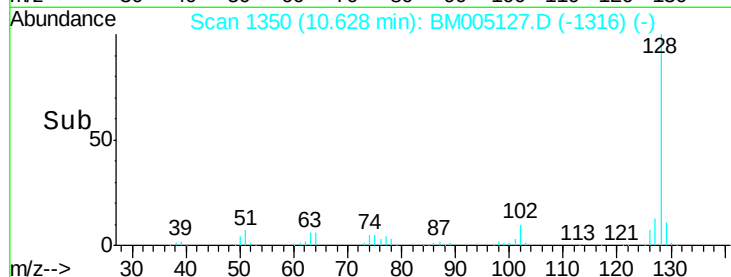
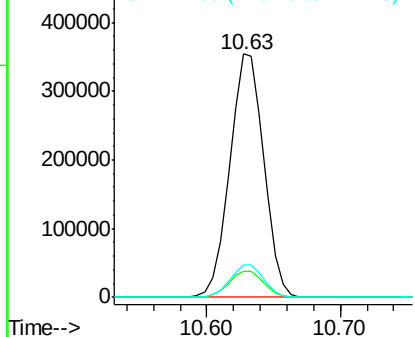
#28
Naphthalene
Concen: 56.70 ng/ul
RT: 10.63 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BM005127.D
Acq: 28 Apr 2016 23:17

Instrument :
BNA_M
ClientSampleId :
BC7N9

Tgt Ion:128 Resp: 626816
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.6 15.8

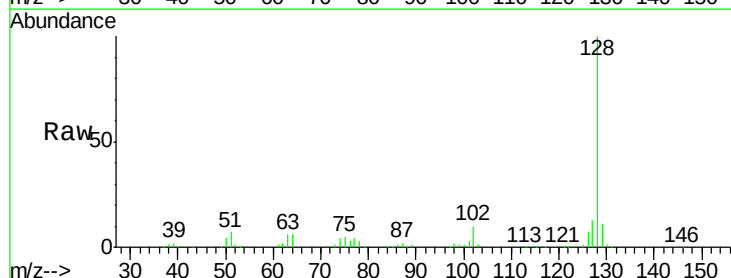


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

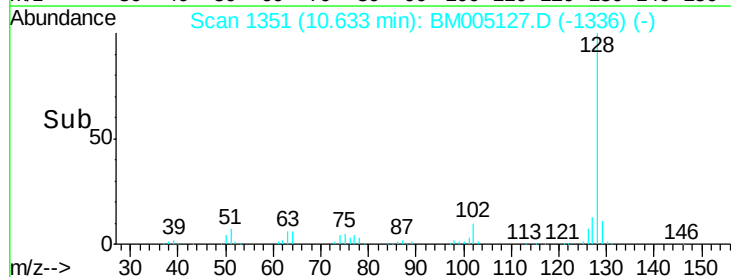
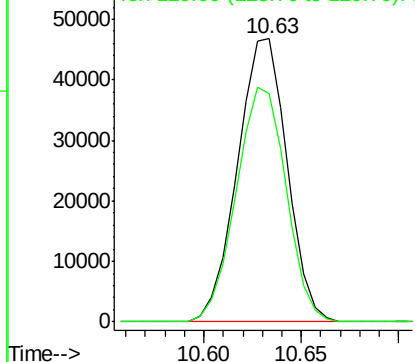


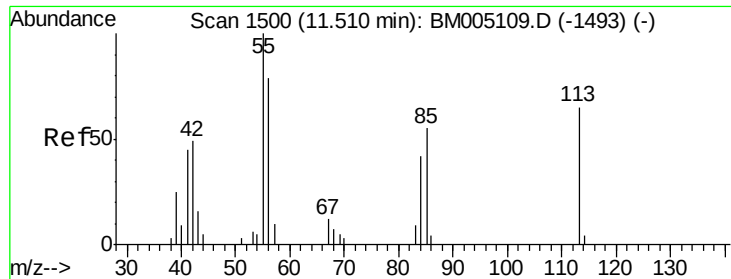
#30
4-Chloroaniline
Concen: 21.50 ng/ul
RT: 10.63 min Scan# 1351
Delta R.T. -0.11 min
Lab File: BM005127.D
Acq: 28 Apr 2016 23:17

Tgt Ion:127 Resp: 82551
Ion Ratio Lower Upper
127 100
129 80.9 26.0 39.0#



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





#32

Caprolactam

Concen: 7.03 ng/ul

RT: 11.47 min Scan# 1494

Delta R.T. -0.04 min

Lab File: BM005127.D

Acq: 28 Apr 2016 23:17

Instrument :

BNA_M

ClientSampleId :

BC7N9

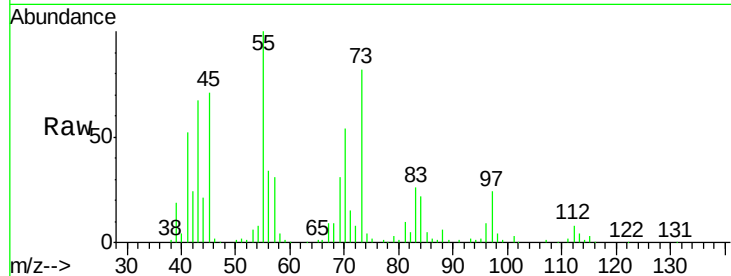
Tgt Ion:113 Resp: 8037

Ion Ratio Lower Upper

113 100

55 2781.4 117.0 175.4#

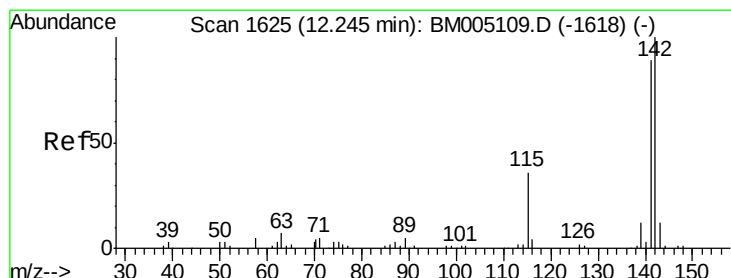
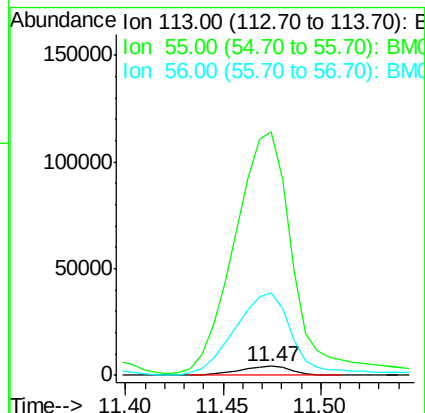
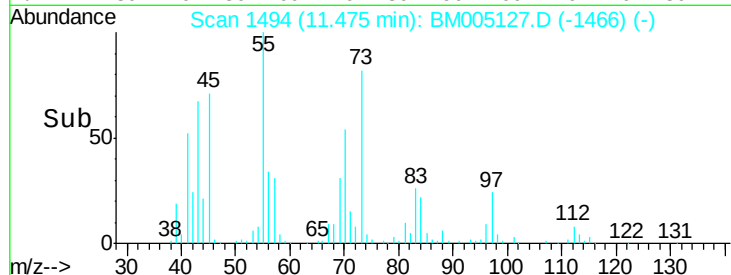
56 936.6 87.7 131.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#34

2-Methylnaphthalene

Concen: 2.66 ng/ul

RT: 12.24 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BM005127.D

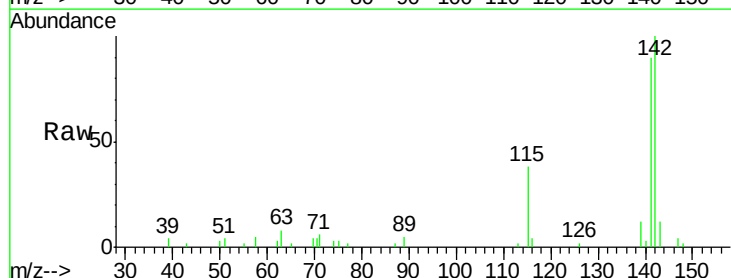
Acq: 28 Apr 2016 23:17

Tgt Ion:142 Resp: 21741

Ion Ratio Lower Upper

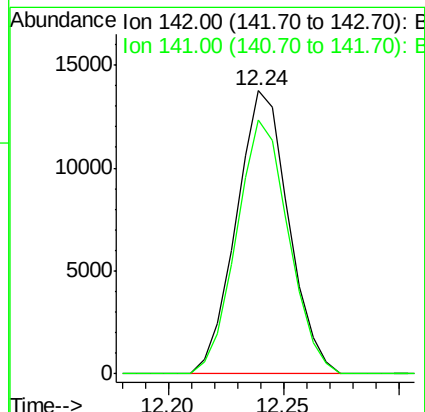
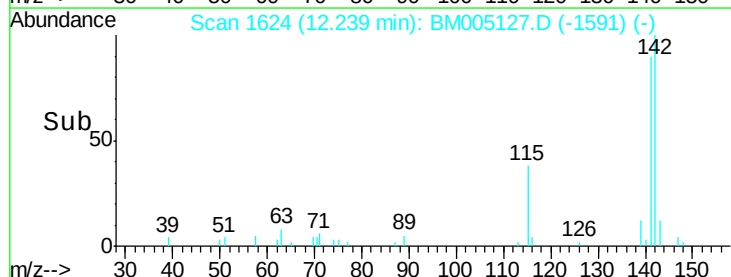
142 100

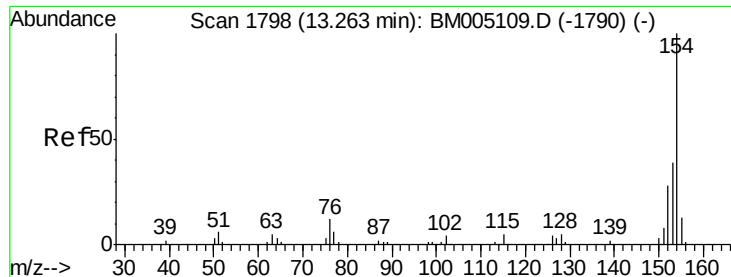
141 89.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

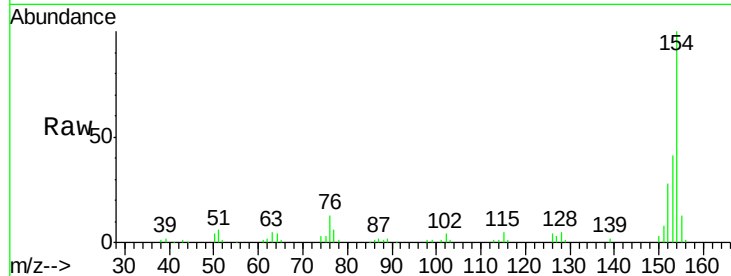




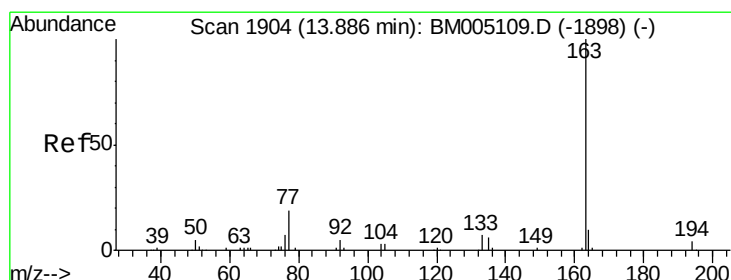
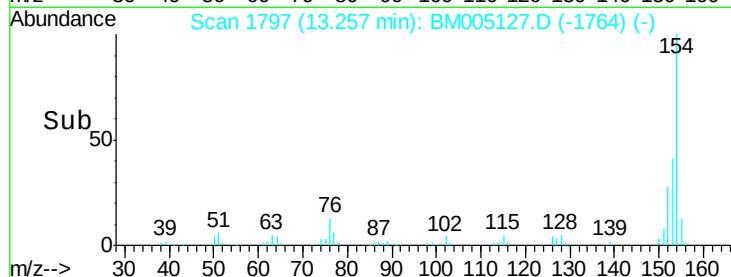
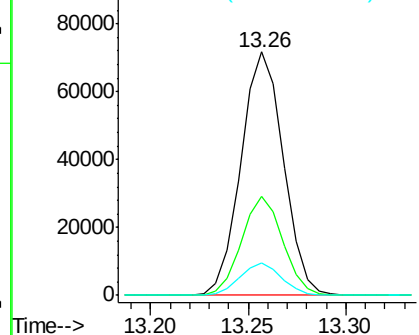
#40
 1,1'-Biphenyl
 Concen: 10.08 ng/ul
 RT: 13.26 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BM005127.D
 Acq: 28 Apr 2016 23:17

Instrument :
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	31.5	47.3
76	13.2	10.1	15.1

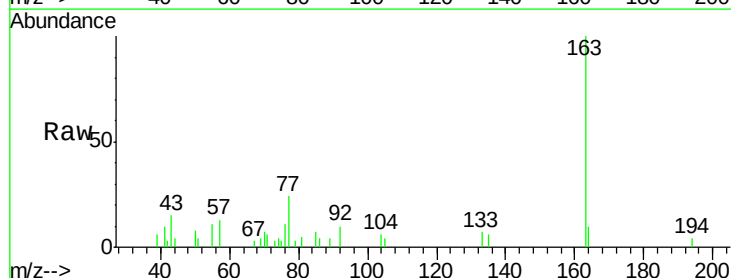


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

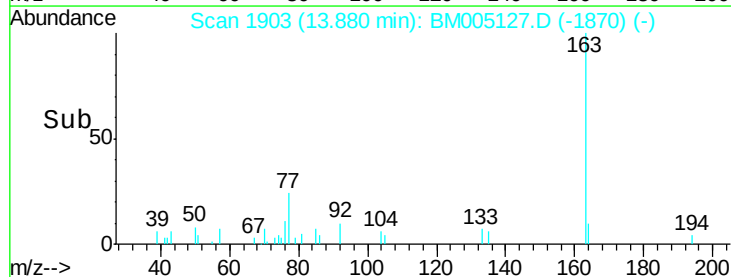
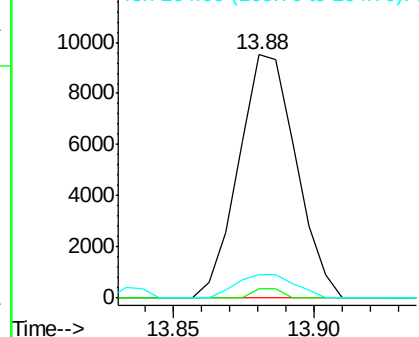


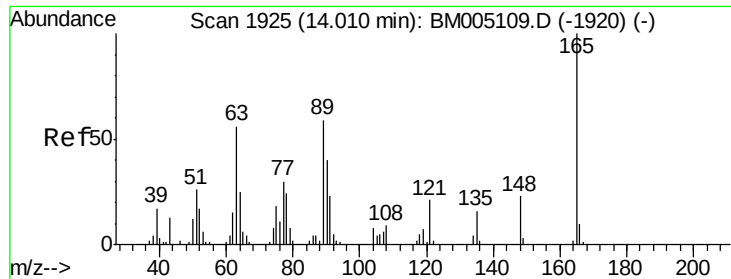
#44
 Dimethylphthalate
 Concen: 1.25 ng/ul
 RT: 13.88 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM005127.D
 Acq: 28 Apr 2016 23:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

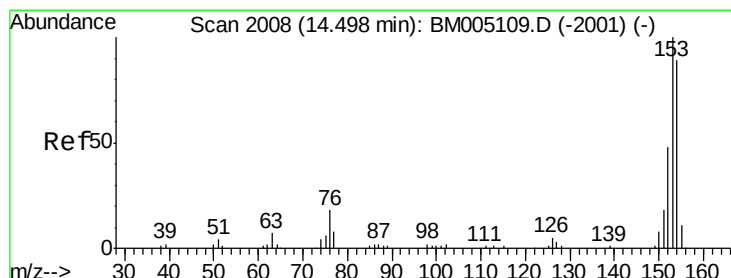
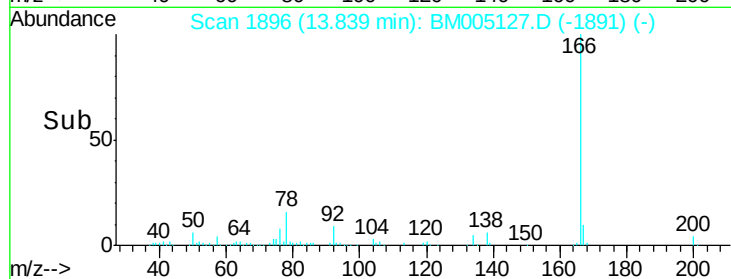
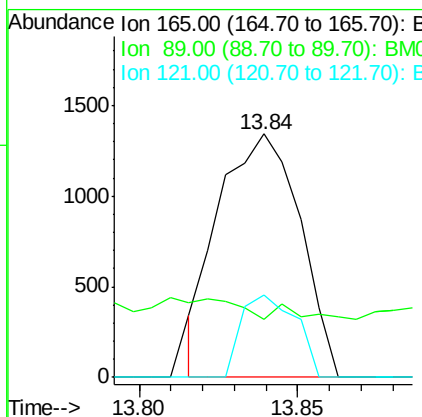
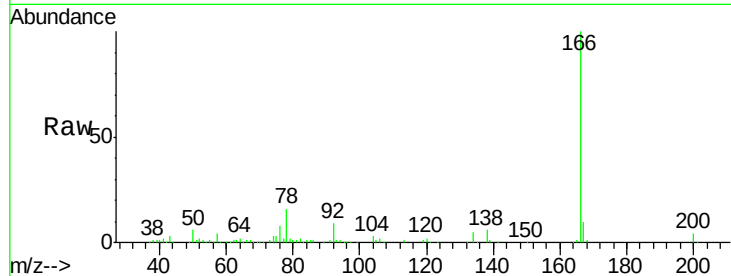




#45
 2,6-Dinitrotoluene
 Concen: 1.15 ng/ul
 RT: 13.84 min Scan# 1896
 Delta R.T. -0.17 min
 Lab File: BM005127.D
 Acq: 28 Apr 2016 23:17

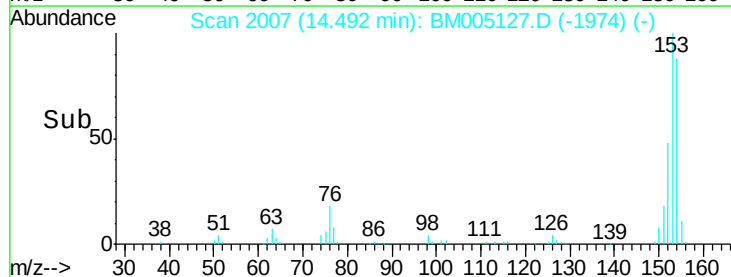
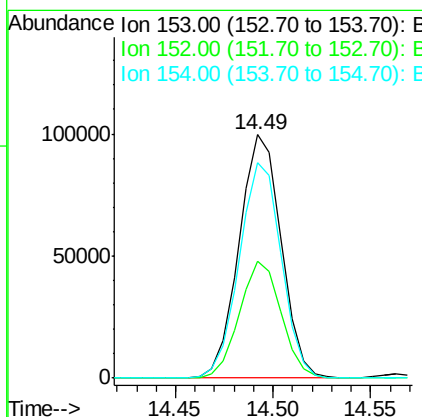
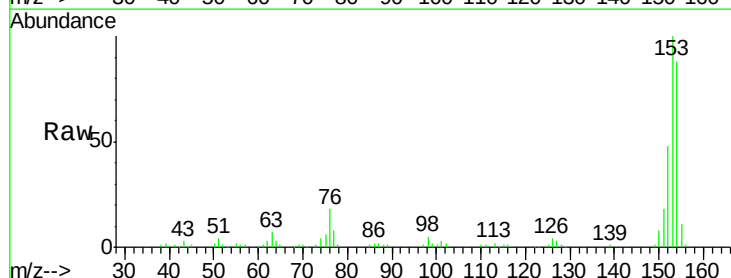
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 BNA_M
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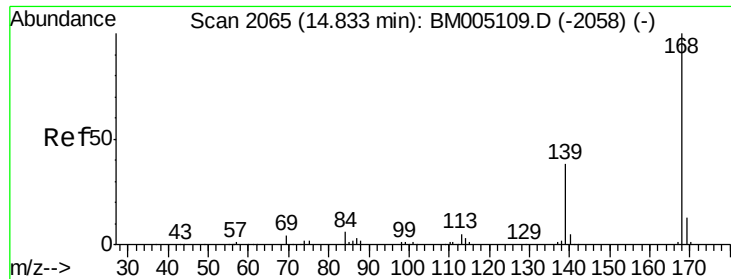
Tgt Ion:165 Resp: 2394
 Ion Ratio Lower Upper
 165 100
 89 23.6 43.1 64.7#
 121 33.7 16.0 24.0#



#49
 Acenaphthene
 Concen: 16.81 ng/ul
 RT: 14.49 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BM005127.D
 Acq: 28 Apr 2016 23:17

Tgt Ion:153 Resp: 149186
 Ion Ratio Lower Upper
 153 100
 152 48.0 37.7 56.5
 154 88.5 71.4 107.2

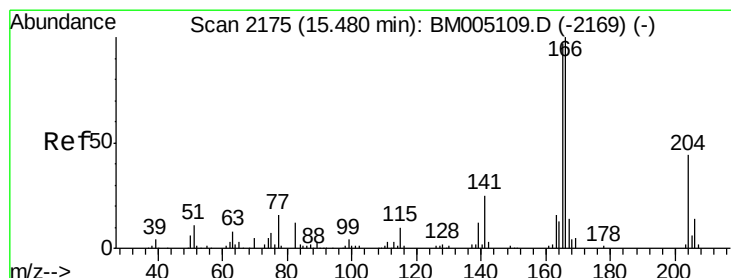
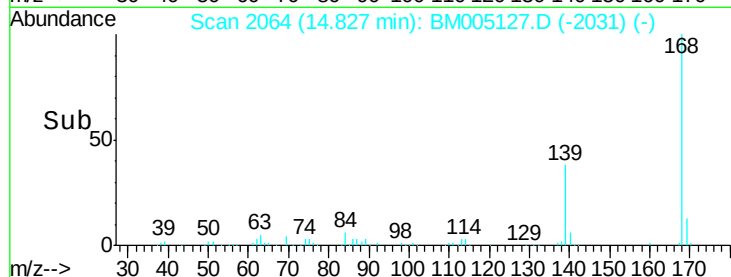
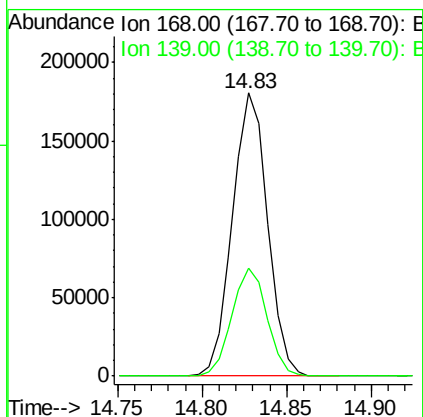
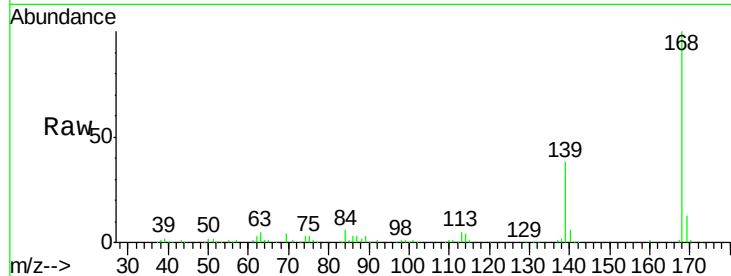




#53
Dibenzenofuran
Concen: 19.99 ng/ul
RT: 14.83 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BM005127.D
Acq: 28 Apr 2016 23:17

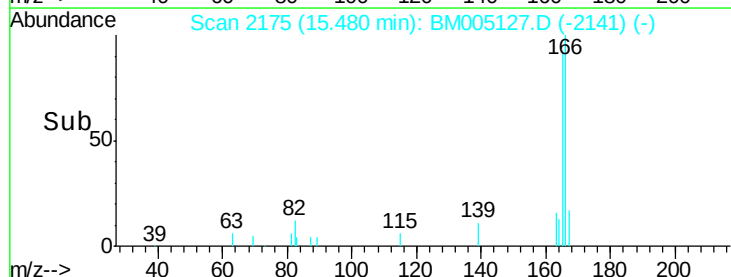
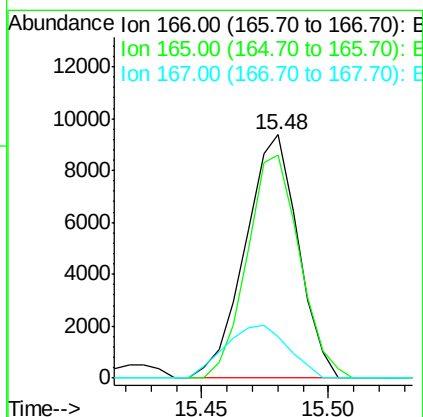
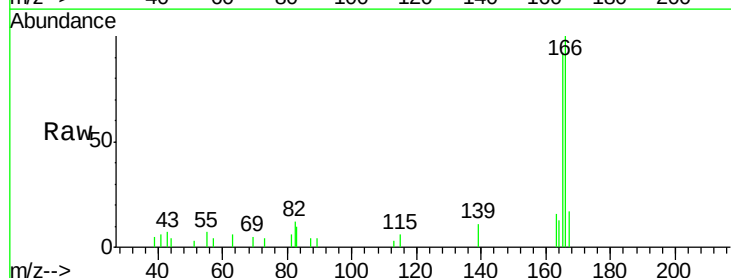
Instrument :
BNA_M
ClientSampleId :
BC7N9

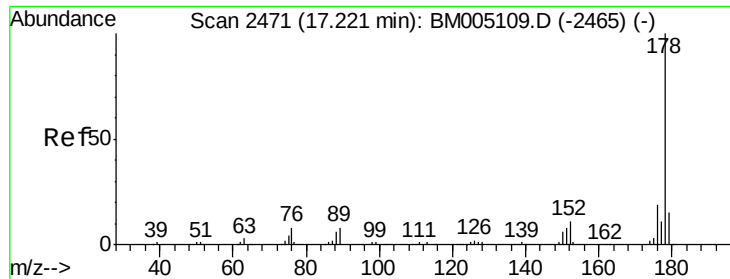
Tgt Ion:168 Resp: 261645
Ion Ratio Lower Upper
168 100
139 38.3 29.9 44.9



#58
Fluorene
Concen: 1.34 ng/ul
RT: 15.48 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BM005127.D
Acq: 28 Apr 2016 23:17

Tgt Ion:166 Resp: 13635
Ion Ratio Lower Upper
166 100
165 91.7 77.7 116.5
167 17.0 10.9 16.3#





#69

Phenanthrene

Concen: 9.94 ng/ul

RT: 17.22 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BM005127.D

Acq: 28 Apr 2016 23:17

Instrument :

BNA_M

ClientSampleId :

BC7N9

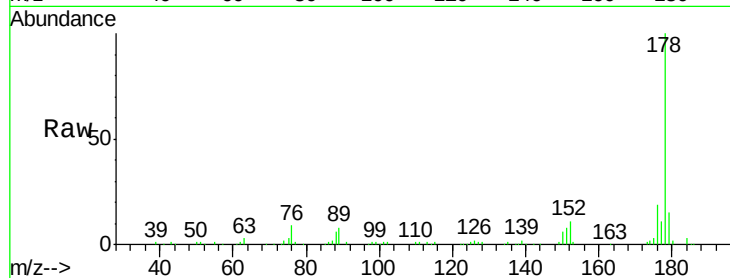
Tgt Ion:178 Resp: 165370

Ion Ratio Lower Upper

178 100

179 15.0 11.8 17.8

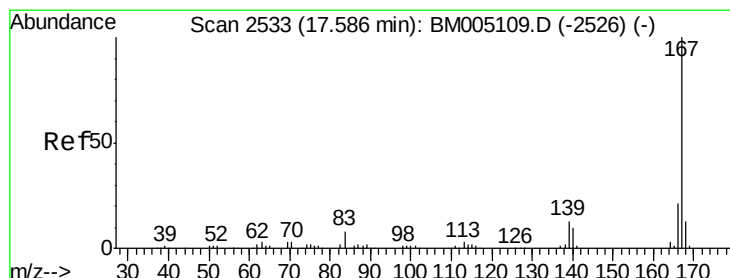
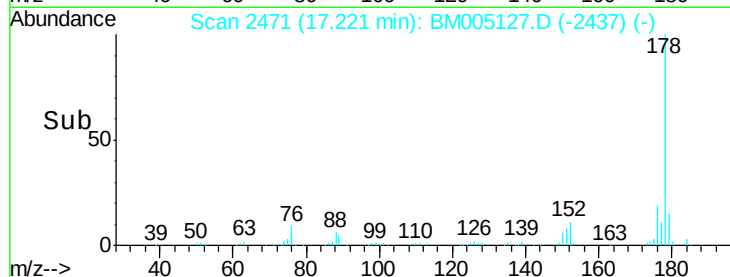
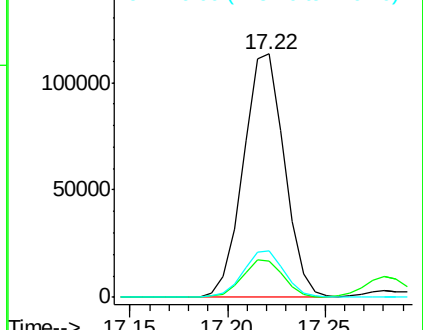
176 19.0 15.2 22.8



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



#72

Carbazole

Concen: 8.35 ng/ul

RT: 17.58 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BM005127.D

Acq: 28 Apr 2016 23:17

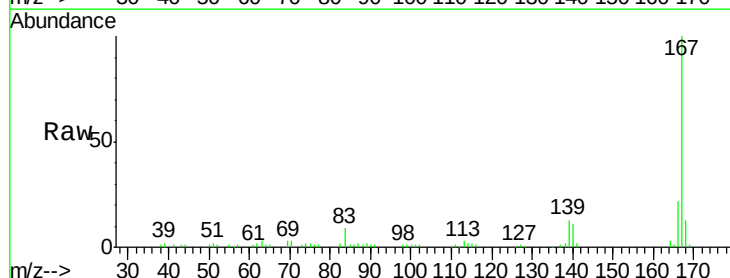
Tgt Ion:167 Resp: 120128

Ion Ratio Lower Upper

167 100

166 21.7 16.6 25.0

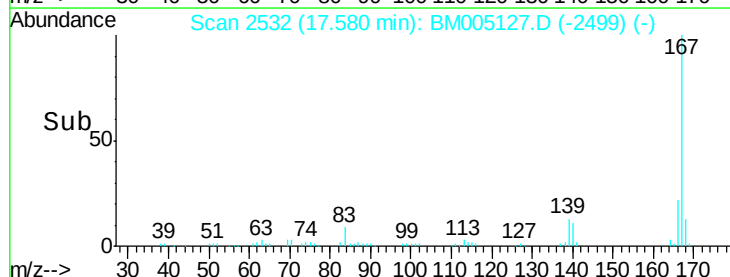
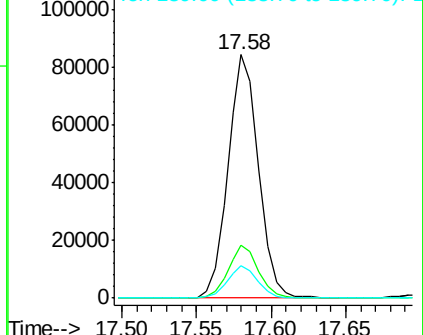
139 13.4 10.2 15.4

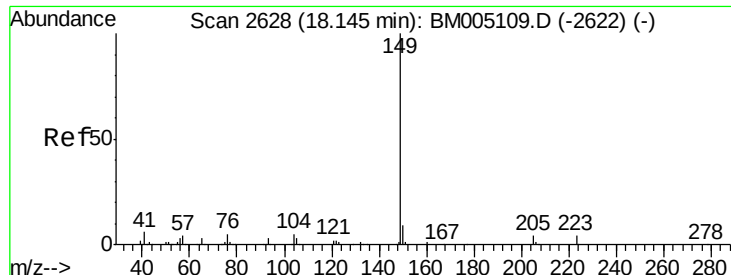


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73
 Di-n-butylphthalate
 Concen: 1.40 ng/ul
 RT: 18.14 min Scan# 2627
 Delta R.T. -0.01 min
 Lab File: BM005127.D
 Acq: 28 Apr 2016 23:17

Instrument :
 BNA_M
 ClientSampleId :
 BC7N9

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.5	3.9	5.9

